

P series

<u>A.1 CEILING CASSETTE (PLA)</u>	<u>A-5</u>	CEILING CASSETTE
<u>A.2 WALL-MOUNTED (PKA)</u>	<u>A-139</u>	WALL-MOUNTED
<u>A.3 CEILING-SUSPENDED (PCA)</u>	<u>A-173</u>	CEILING SUSPENDED
<u>A.4 CEILING-SUSPENDED for Professional kitchen (PCA-HA)</u>	<u>A-237</u>	CEILING SUSPENDED for Kitchen
<u>A.5 FLOOR-STANDING (PSA)</u>	<u>A-249</u>	FLOOR-STANDING
<u>A.6 CEILING-CONCEALED (PEAD/PEA)</u>	<u>A-283</u>	CEILING CONCEALED
<u>A.7 REMOTE CONTROLLER & TROUBLE SHOOTING</u>	<u>A-413</u>	REMOTE CONTROLLER & TROUBLE SHOOTING
<u>A.8 OUTDOOR UNIT</u>	<u>A-431</u>	OUTDOOR UNIT
<u>A.9 MULTI SYSTEM</u>	<u>A-577</u>	MULTI SYSTEM

S series

<u>B.1 600×600 CEILING CASSETTE (SLZ)</u>	<u>B-3</u>	600×600 CEILING CASSETTE
<u>B.2 CEILING-CONCEALED (SEZ)</u>	<u>B-39</u>	CEILING CONCEALED
<u>B.3 FLOOR-STANDING(SFZ)</u>	<u>B-83</u>	FLOOR-STANDING
<u>B.4 OUTDOOR UNIT (SUZ)</u>	<u>B-117</u>	OUTDOOR UNIT

M series

<u>C.1 WALL-MOUNTED</u>	<u>C-5</u>	WALL-MOUNTED
<u>C.2 FLOOR-STANDING</u>	<u>C-551</u>	FLOOR-STANDING
<u>C.3 CEILING CASSETTE</u>	<u>C-625</u>	CEILING CASSETTE
<u>C.4 MULTI SYSTEM</u>	<u>C-663</u>	MULTI SYSTEM

OPTIONAL PARTS

D-1

OPTIONAL PARTS

P series Model List

Combination Table..... A-4

A.1 CEILING CASSETTE (PLA)..... A-5

PLA-ZM35EA2	PLA-M35EA2	PLA-SM71EA2
PLA-ZM50EA2	PLA-M50EA2	PLA-SM100EA2
PLA-ZM60EA2	PLA-M60EA2	PLA-SM125EA2
PLA-ZM71EA2	PLA-M71EA2	PLA-SM140EA2
PLA-ZM100EA2	PLA-M100EA2	
PLA-ZM125EA2	PLA-M125EA2	
PLA-ZM140EA2	PLA-M140EA2	

A.2 WALL-MOUNTED (PKA) A-139

PKA-M35LA2	PKA-M60KA2
PKA-M35LAL2	PKA-M60KAL2
PKA-M50LA2	PKA-M71KA2
PKA-M50LAL2	PKA-M71KAL2
	PKA-M100KA2
	PKA-M100KAL2

A.3 CEILING SUSPENDED (PCA)..... A-173

PCA-M35KA2
PCA-M50KA2
PCA-M60KA2
PCA-M71KA2
PCA-M100KA2
PCA-M125KA2
PCA-M140KA2

A.4 CEILING SUSPENDED for Professional kitchens (PCA) A-237

PCA-M71HA2

A.5 FLOOR STANDING (PSA) A-249

PSA-M71KA
PSA-M100KA
PSA-M125KA
PSA-M140KA

A.6 CEILING-CONCEALED (PEAD/PEA) A-283

PEAD-M35JA2	PEAD-M100JAL2	PEAD-SM50JAL	PEAD-SM140JA2
PEAD-M35JAL2	PEAD-M125JA2	PEAD-SM60JA	PEAD-SM140JAL2
PEAD-M50JA2	PEAD-M125JAL2	PEAD-SM60JAL	PEA-M200LA2
PEAD-M50JAL2	PEAD-M140JA2	PEAD-SM71JA2	PEA-M250LA2
PEAD-M60JA2	PEAD-M140JAL2	PEAD-SM71JAL2	
PEAD-M60JAL2		PEAD-SM100JA2	
PEAD-M71JA2	PEAD-SM35JA	PEAD-SM100JAL2	
PEAD-M71JAL2	PEAD-SM35JAL	PEAD-SM125JA2	
PEAD-M100JA2	PEAD-SM50JA	PEAD-SM125JAL2	

A.7 REMOTE CONTROLLER AND TROUBLESHOOTING A-413

A.8 OUTDOOR UNIT A-431

< R32 type >

< R410A type >

PUZ-ZM35VKA2
PUZ-ZM50VKA2
PUZ-ZM60VHA2
PUZ-ZM71VHA2
PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUHZ-SHW112VHA(-BS)
PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)
PUHZ-SHW230YKA2

PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2
PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2
PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3
PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

PUZ-M100VKA2
PUZ-M100YKA2
PUZ-M125VKA2
PUZ-M125YKA2
PUZ-M140VKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

PUHZ-FRP71VHA2

SUZ-SM35VA
SUZ-SM50VA
SUZ-SM60VA
SUZ-SM71VA

PUHZ-P100VKA
PUHZ-P100YKA
PUHZ-P125VKA
PUHZ-P125YKA
PUHZ-P140VKA
PUHZ-P140YKA
PUHZ-P200YKA3
PUHZ-P250YKA3

PUZ-SM100VKA2
PUZ-SM100YKA2
PUZ-SM125VKA2
PUZ-SM125YKA2
PUZ-SM140VKA2
PUZ-SM140YKA2

SUZ-SA71VA3
SUZ-SA100VA2

PUHZ-SP100YKA
PUHZ-SP125YKA
PUHZ-SP125VKA
PUHZ-SP140VKA
PUHZ-SP140YKA

A.9 MULTI SYSTEM A-577

CEILING
CASSETTE

WALL-
MOUNTED

CEILING
SUSPENDED

CEILING
SUSPENDED
for Kitchen

FLOOR-
STANDING

CEILING
CONCEALED

REMOTE
CONTROLLER
& TROUBLE
SHOOTING

OUTDOOR
UNIT

MULTI
SYSTEM

A.1 CEILING CASSETTE (PLA)

A.1.1	SPECIFICATIONS	A-6
	A.1.1.1 R32 type.....	A-6
	A.1.1.2 R410A type	A-17
A.1.2	OUTLINE DIMENSIONS.....	A-31
A.1.3	WIRING DIAGRAM.....	A-34
A.1.4	REFRIGERANT SYSTEM DIAGRAM	A-37
A.1.5	PERFORMANCE DATA.....	A-38
	A.1.5.1 R32 type	A-38
	A.1.5.2 R410A type	A-70
A.1.6	FRESH AIR INTAKE AND BRANCH DUCT	A-110
A.1.7	NOISE CRITERIA CURVES	A-118
A.1.8	TEMPERATURE AND AIR FLOW DISTRIBUTIONS	A-123
A.1.9	OUTLET AIR SPEED AND COVERAGE RANGE	A-137
A.1.10	CENTER OF GRAVITY POSITION	A-137

A.1.1 SPECIFICATIONS

A.1.1.1 R32 type

1. Power Inverter SERIES

Model Name		Indoor Unit		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.97	0.85	0.77	0.72	
	Total Input	Rated	kW	0.705	1.106	1.452	1.651	
	EER			5.10	4.52	4.20	4.30	
	Annual Electricity Consumption		kWh/a	168	230	296	327	
	SEER			7.5	7.6	7.2	7.6	
			Energy efficiency class	A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.820	1.363	1.707	1.818	
COP			5.00	4.40	4.10	4.40		
Annual Electricity Consumption		kWh/a	744	1086	1339	1371		
SCOP			4.7	4.9	4.6	4.8		
		Energy efficiency class	A++	A++	A++	A++		
Operating Current(max)			A	13.2	13.2	19.2	19.3	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03
	Operating Current(max)			A	0.21	0.22	0.22	0.34
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21 <5>	21 <5>	21 <5>	24 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	57
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	55	55	
		Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM125EA2	
		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	230		400	230	400		
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.70	0.70	
	Total Input	Rated	kW	2.159	2.159	3.378	3.378	
	EER			4.40	4.40	3.70	3.70	
	Annual Electricity Consumption		kWh/a	431	442	—	—	
	SEER			7.7	7.5	—	—	
			Energy efficiency class	A++	A++	—	—	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.604	2.604	3.674	3.674	
COP			4.30	4.30	3.81	3.81		
Annual Electricity Consumption		kWh/a	2271	2272	—	—		
SCOP			4.8	4.8	—	—		
		Energy efficiency class	A++	A++	—	—		
Operating Current(max)			A	20.5	8.5	27.0	9.5	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08	0.08 / 0.08
	Operating Current(max)			A	0.47	0.47	0.52	0.52
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-22-25-28	19-22-25-28	21-24-26-29	21-24-26-29
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-36-39-41	33-36-39-41
	Sound Level (PWL)	Cooling		dB(A)	61	61	62	62
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In		m	100	100	100	100
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-11	-11	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM140EA2		PLA-ZM140EA2		
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2		
Refrigerant		R32						
Power Supply		Outdoor power supply						
Power Supply	Out	Source						
		V	230		400			
		Phase	Single		Three			
	In	V	-		-			
		Phase	-		-			
		Hz	-		-			
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.0		15.0		
	SHF	Rated		0.70		0.70		
	Total Input	Rated	kW	3.722		3.722		
	EER			3.60		3.60		
	Annual Electricity Consumption	kWh/a		-		-		
	SEER			-		-		
		Energy efficiency class		-		-		
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.312		4.312		
COP				3.71		3.71		
Annual Electricity Consumption		kWh/a		-		-		
SCOP				-		-		
		Energy efficiency class		-		-		
Operating Current(max)		A		30.7		12.5		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		0.10 / 0.10	
	Operating Current(max)		A		0.66		0.66	
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>		298-840-840 <40-950-950>	
	Weight <Panel>		kg		26 <5>		26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32	
	External Static Pressure		Pa		0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		36-39-42-44	
	Sound Level (PWL)	Cooling		dB(A)	65		65	
Outdoor Unit	Dimensions	H x W x D		mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight		kg		105		118	
	Air Volume	Cooling	Rated	m ³ /min.	120		120	
		Heating	Rated	m ³ /min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling		dB(A)	70		70	
	Operating Current(max)		A		30		11.8	
	Breaker Size		A		40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In		m	100		100	
	Max. Height	Out-In		m	30		30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-20		-20	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
Refrigerant		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	
Power Supply				Source	R32			
Cooling	Out	V		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.91	0.77	0.79	0.74	
	Total Input	Rated	kW	0.751	1.175	1.523	1.716	
	EER			4.79	4.25	4.00	4.14	
	Annual Electricity Consumption		kWh/a	172	234	301	336	
	SEER			7.3	7.4	7.1	7.4	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.890	1.581	1.863	2.014	
COP				4.61	3.79	3.76	3.97	
Annual Electricity Consumption			kWh/a	798	1187	1422	1429	
SCOP				4.3	4.4	4.3	4.6	
		Energy efficiency class		A+	A+	A+	A++	
Operating Current(max)			A	13.2	13.2	19.2	19.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	56
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
	Sound Level (SPL)	Heating	Rated	dB(A)	46	46	49	49
			Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
Breaker Size			A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	55	55
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	
		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.209	2.209	3.396	3.396	
	EER			4.30	4.30	3.68	3.68	
	Annual Electricity Consumption		kWh/a	437	448	—	—	
	SEER			7.6	7.4	—	—	
			Energy efficiency class	A++	A++	—	—	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.685	2.685	3.773	3.773	
COP			4.17	4.17	3.71	3.71		
Annual Electricity Consumption		kWh/a	2496	2497	—	—		
SCOP			4.3	4.3	—	—		
		Energy efficiency class	A+	A+	—	—		
Operating Current(max)			A	20.5	8.5	27.2	9.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.46	0.46	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44
	Sound Level (PWL)	Cooling			61	61	65	65
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	100	100	
		Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2		
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2		
Refrigerant		R32						
Power Supply		Outdoor power supply						
Power Supply	Out	Source						
		V	230		400			
		Phase	Single		Three			
	In	V	-		-			
		Phase	-		-			
		Hz	-		-			
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.0		15.0		
	SHF	Rated		0.70		0.70		
	Total Input	Rated	kW	3.746		3.746		
	EER			3.58		3.58		
	Annual Electricity Consumption	kWh/a		-		-		
	SEER			-		-		
		Energy efficiency class		-		-		
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.365		4.365		
COP				3.67		3.67		
Annual Electricity Consumption		kWh/a		-		-		
SCOP				-		-		
		Energy efficiency class		-		-		
Operating Current(max)			A	30.7		12.5		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		0.10 / 0.10	
	Operating Current(max)			A	0.66		0.66	
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>		298-840-840 <40-950-950>	
	Weight <Panel>			kg	26 <5>		26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		36-39-42-44	
	Sound Level (PWL)	Cooling		dB(A)	65		65	
Outdoor Unit	Dimensions	H x W x D		mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	105		118	
	Air Volume	Cooling	Rated	m ³ /min.	120		120	
		Heating	Rated	m ³ /min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling		dB(A)	70		70	
	Operating Current(max)			A	30		11.8	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In		m	100		100	
	Max. Height	Out-In		m	30		30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-20		-20	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2.Standard Inverter SERIES

SPECIFICATIONS

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V			—	—	—	—
			Phase		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	3.6	5.5	6.1	7.1	
		Min.	kW	0.8	1.2	1.6	2.2	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.91	0.77	0.79	0.74	
	Total Input	Rated	kW	0.900	1.617	1.848	1.918	
	EER			4.00	3.40	3.30	3.70	
	Annual Electricity Consumption		kWh/a	170	285	320	331	
	SEER			7.4	6.7	6.6	7.5	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.0	1.5	1.6	2.0	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	0.976	1.734	1.842	2.216	
COP				4.20	3.46	3.80	3.61	
Annual Electricity Consumption			kWh/a	774	1458	1459	1798	
SCOP				4.7	4.1	4.4	4.5	
		Energy efficiency class		A++	A+	A+	A+	
Operating Current(max)			A	8.7	13.7	15.0	15.1	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	56
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m³/min.	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max.Length	Out-In	m	20	30	30	30	
	Max. Height	Out-In	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	
		Outdoor Unit		PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Phase		230	400	230	400	
		Hz		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V	Phase		—	—	—	—
			Hz		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	
		Min.	kW	4.0	4.0	5.8	5.8	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.714	2.714	4.019	4.019	
	EER			3.50	3.50	3.01	3.01	
	Annual Electricity Consumption		kWh/a	475	475	—	—	
	SEER			7.0	7.0	—	—	
	Energy efficiency class			A++	A++	—	—	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.1	4.1	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	3.018	3.018	3.638	3.638	
COP			3.71	3.71	3.71	3.71		
Annual Electricity Consumption		kWh/a	2406	2406	—	—		
SCOP			4.6	4.6	—	—		
Energy efficiency class			A++	A++	—	—		
Operating Current(max)			A	20.5	12	27.2	12.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.46	0.46	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44
	Sound Level (PWL)	Cooling		dB(A)	61	61	65	65
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86
		Heating	Rated	m ³ /min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In		m	55	55	65	65
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2		
		Outdoor Unit		PUZ-M140VKA2		PUZ-M140YKA2		
Refrigerant		R32						
Power Supply		Outdoor power supply						
Power Supply	Out	Source						
		V		230		400		
		Phase		Single		Three		
	Hz		50		50			
	In	V		-		-		
		Phase		-		-		
Hz		-		-				
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	5.8		5.8		
		Max.	kW	14.1		14.1		
	SHF	Rated		0.70		0.70		
	Total Input	Rated	kW	4.962		4.962		
	EER			2.70		2.70		
	Annual Electricity Consumption		kWh/a	-		-		
	SEER			-		-		
			Energy efficiency class	-		-		
	Heating	Capacity	Rated	kW	15.0		15.0	
Min.			kW	4.2		4.2		
Max.			kW	15.8		15.8		
Total Input		Rated	kW	4.398		4.398		
COP			3.41		3.41			
Annual Electricity Consumption		kWh/a	-		-			
SCOP			-		-			
		Energy efficiency class	-		-			
Operating Current(max)			A	30.7		12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		0.10 / 0.10	
	Operating Current(max)			A	0.66		0.66	
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>		298-840-840 <40-950-950>	
	Weight <Panel>			kg	26 <5>		26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		36-39-42-44	
	Sound Level (PWL)	Cooling		dB(A)	65		65	
Outdoor Unit	Dimensions	H x W x D		mm	981-1050-330(+40)		981-1050-330(+40)	
	Weight			kg	84		85	
	Air Volume	Cooling	Rated	m ³ /min.	86		86	
		Heating	Rated	m ³ /min.	92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	55		55	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	57		57	
	Sound Level (PWL)	Cooling		dB(A)	73		73	
	Operating Current(max)			A	30		11.5	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid		mm	9.52		9.52	
		Gas		mm	15.88		15.88	
	Max.Length	Out-In		m	65		65	
	Max. Height	Out-In		m	30		30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3.Eco Inverter SERIES

Model Name		Indoor Unit		PLA-SM71EA2	PLA-SM100EA2	PLA-SM100EA2	
		Outdoor Unit		SUZ-SM71VA	PUZ-SM100VKA2	PUZ-SM100YKA2	
Refrigerant				R32			
Power Supply			Source	Outdoor power supply			
Out	V	V		230	230	400	
		Phase		Single	Single	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	2.2	4.0	4.0	
		Max.	kW	8.1	10.6	10.6	
	SHF	Rated		0.75	0.77	0.77	
	Total Input	Rated	kW	1.972	2.794	2.794	
	EER			3.60	3.40	3.40	
	Annual Electricity Consumption		kWh/a	410	554	554	
	SEER			6.0	6.0	6.0	
		Energy efficiency class		A+	A+	A+	
	Heating	Capacity	Rated	kW	8.0	11.2	11.2
Min.			kW	2.0	2.8	2.8	
Max.			kW	10.2	12.5	12.5	
Total Input		Rated	kW	2.285	3.102	3.102	
COP				3.50	3.61	3.61	
Annual Electricity Consumption			kWh/a	2068	2486	2486	
SCOP				3.9	4.5	4.5	
		Energy efficiency class		A	A+	A+	
Operating Current(max)			A	15.1	20.5	12	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07
		Operating Current(max)		A	0.27	0.46	0.46
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21<5>	24<5>	24<5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	14-17-19-21	19-23-26-29	19-23-26-29
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	28-30-32-34	31-34-37-40	31-34-37-40
	Sound Level (PWL)	Cooling		dB(A)	56	61	61
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	79	79
		Heating	Rated	m ³ /min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	49	49
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	30	30	30	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	46	46	46
		Heating	Lower Limit.	°C	-10	-15	-15
			Upper Limit.	°C	24	21	21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-SM125EA2	PLA-SM125EA2	PLA-SM140EA2	PLA-SM140EA2	
		Outdoor Unit		PUZ-SM125VKA2	PUZ-SM125YKA2	PUZ-SM140VKA2	PUZ-SM140YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	230		400	230	400		
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	12.1	12.1	13.4	13.4	
		Min.	kW	5.8	5.8	5.8	5.8	
		Max.	kW	13.0	13.0	14.1	14.1	
	SHF	Rated		0.73	0.73	0.70	0.70	
	Total Input	Rated	kW	4.172	4.172	5.134	5.134	
	EER			2.90	2.90	2.61	2.61	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
	Energy efficiency class			—	—	—	—	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	4.1	4.1	4.2	4.2	
Max.			kW	15.0	15.0	15.8	15.8	
Total Input		Rated	kW	3.739	3.739	4.545	4.545	
COP			3.61	3.61	3.30	3.30		
Annual Electricity Consumption		kWh/a	—	—	—	—		
SCOP			—	—	—	—		
Energy efficiency class			—	—	—	—		
Operating Current(max)			A	27.2	12.2	30.7	12.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10
		Operating Current(max)		A	0.66	0.66	0.66	0.66
	Dimensions <Panel>	H × W × D	mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>		kg	26<5>	26<5>	26<5>	26<5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	21-25-28-31	21-25-28-31	24-26-29-32	24-26-29-32	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44	
	Sound Level (PWL)	Cooling	dB(A)	65	65	65	65	
Outdoor Unit	Dimensions	H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	
	Weight		kg	84	85	84	85	
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	55	55
			Silent	dB(A)	52	52	54	54
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	72	72	73	73	
	Operating Current(max)		A	26.5	11.5	30	11.5	
	Breaker Size		A	32	16	40	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	40	40	40	40	
		Max. Height	Out-In	m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	46	46	46	46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	21	21	21	21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.1.1.2 R410A type
1. ZUBADAN SERIES

Model Name		Indoor Unit		PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	
		Outdoor Unit		PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)	
Refrigerant				R410A			
Power Supply			Source	Outdoor power supply			
Out	V	230		400	400		
		Phase		Single	Three	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	10.0	10.0	12.5	
		Min.	kW	4.9	4.9	5.5	
		Max.	kW	11.4	11.4	14.0	
	SHF	Rated		0.75	0.75	0.67	
	Total Input	Rated	kW	2.857	2.857	5.000	
	EER			3.50	3.50	2.50	
	Annual Electricity Consumption		kWh/a	633	633	—	
	SEER			5.5	5.5	—	
		Energy efficiency class			A	A	—
	Heating	Capacity	Rated	kW	11.2	11.2	14.0
Min.			kW	4.5	4.5	5.0	
Max.			kW	14.0	14.0	16.0	
Total Input		Rated	kW	2.667	2.667	4.000	
COP				4.20	4.20	3.50	
Annual Electricity Consumption			kWh/a	4420	4420	—	
SCOP				4.0	4.0	—	
		Energy efficiency class			A+	A+	—
Operating Current(max)			A	35.5	13.5	13.5	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08
	Operating Current(max)			A	0.47	0.47	0.52
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	19-22-25-28	19-22-25-28	21-24-26-29
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-36-39-41
	Sound Level (PWL)	Cooling		dB(A)	61	61	62
Outdoor Unit	Dimensions	H × W × D		mm	1350-950-330(+30)	1350-950-330(+30)	1350-950-330(+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m ³ /min.	100	100	100
		Heating	Rated	m ³ /min.	100	100	100
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	69
	Operating Current(max)			A	35	13	13
	Breaker Size			A	40	16	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max. Length	Out-In	m	75	75	75	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-25	-25	-25
			Upper Limit.	°C	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2		PLA-M100EA2		PLA-M125EA2							
		Outdoor Unit		PUHZ-SHW112VHA(-BS)		PUHZ-SHW112YHA(-BS)		PUHZ-SHW140YHA(-BS)							
Refrigerant				R410A											
Power Supply				Outdoor power supply											
Power Supply	Out	Source		Outdoor power supply											
		V		230		400		400							
		Phase		Single		Three		Three							
	In	Hz		50		50		50							
		V		—		—		—							
		Phase		—		—		—							
Cooling	Capacity	Rated		kW		10.0		10.0		12.5					
		Min.		kW		4.9		4.9		5.5					
		Max.		kW		11.4		11.4		14.0					
	SHF		Rated				0.79		0.79		0.78				
	Total Input		Rated		kW		2.940		2.940		5.000				
	EER						3.40		3.40		2.50				
	Annual Electricity Consumption				kWh/a		661		661		—				
	SEER						5.3		5.3		—				
					Energy efficiency class		A		A		—				
	Heating	Capacity	Rated		kW		11.2		11.2		14.0				
Min.			kW		4.5		4.5		5.0						
Max.			kW		14.0		14.0		16.0						
Total Input		Rated		kW		2.793		2.793		4.000					
COP						4.01		4.01		3.50					
Annual Electricity Consumption				kWh/a		4445		4445		—					
SCOP						4.0		4.0		—					
				Energy efficiency class		A+		A+		—					
Operating Current(max)				A		35.5		13.5		13.7					
Indoor Unit	Input		Cooling/Heating		Rated		kW		0.07 / 0.07		0.07 / 0.07		0.08 / 0.08		
	Operating Current(max)				A		0.47		0.47		0.52				
	Dimensions <Panel>		H × W × D		mm		298-840-840 <40- 950-950>		298-840-840 <40- 950-950>		298-840-840 <40- 950-950>				
	Weight <Panel>				kg		26 <5>		26 <5>		26 <5>				
	Air Volume		Lo-Mi2-Mi1-Hi		m³/min.		19-22-25-28		19-22-25-28		21-24-26-29				
	External Static Pressure				Pa		0		0		0				
	Sound Level (SPL)		Lo-Mi2-Mi1-Hi		dB(A)		31-34-37-40		31-34-37-40		33-36-39-41				
	Sound Level (PWL)		Cooling		dB(A)		61		61		62				
Outdoor Unit	Dimensions		H × W × D		mm		1350-950-330 (+30)		1350-950-330 (+30)		1350-950-330 (+30)				
	Weight				kg		120		134		134				
	Air Volume	Cooling		Rated		m³/min.		100		100		100			
		Heating		Rated		m³/min.		100		100		100			
	Sound Level (SPL)	Cooling		Rated		dB(A)		51		51		51			
				Silent		dB(A)		—		—		—			
		Heating		Rated		dB(A)		52		52		52			
	Sound Level (PWL)		Cooling		dB(A)		69		69		69				
	Operating Current(max)				A		35		13		13				
	Breaker Size				A		40		16		16				
Ext. Piping	Diameter (*2)		Liquid		mm		9.52		9.52		9.52				
			Gas		mm		15.88		15.88		15.88				
	Max.Length		Out-In		m		75		75		75				
	Max. Height		Out-In		m		30		30		30				
Guranteed Operation Range	Out	Cooling (*1)		Lower Limit.		°C		-15		-15		-15			
				Upper Limit.		°C		+46		+46		+46			
		Heating		Lower Limit.		°C		-25		-25		-25			
				Upper Limit.		°C		+21		+21		+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Power Inverter SERIES

Model Name		Indoor Unit		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.92	0.83	0.72	0.81	
	Total Input	Rated	kW	0.782	1.330	1.660	1.790	
	EER			4.60	3.75	3.66	3.95	
	Annual Electricity Consumption		kWh/a	170	253	318	335	
	SEER			7.4	6.9	6.7	7.4	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.850	1.550	1.890	1.900	
COP				4.82	3.85	3.70	4.20	
Annual Electricity Consumption			kWh/a	713	1108	1335	1337	
SCOP				4.9	4.8	4.6	4.9	
		Energy efficiency class		A++	A++	A++	A++	
Operating Current(max)			A	13.2	13.2	19.2	19.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.05 / 0.05
	Operating Current(max)			A	0.21	0.22	0.22	0.34
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21 <5>	21 <5>	21 <5>	24 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	57
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	50	
	Max. Height	Out-In		m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM125EA2				
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3				
Refrigerant				R410A							
Power Supply			Source	Outdoor power supply							
Out	V	230		400		230		400			
		Phase		Single		Three		Single		Three	
		Hz		50		50		50		50	
	In	V		—		—		—		—	
		Phase		—		—		—		—	
		Hz		—		—		—		—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5				
		Min.	kW	4.9	4.9	5.5	5.5				
		Max.	kW	11.4	11.4	14.0	14.0				
	SHF	Rated		0.75	0.75	0.67	0.67				
	Total Input	Rated	kW	2.200	2.200	3.846	3.846				
	EER			4.32	4.32	3.25	3.25				
	Annual Electricity Consumption		kWh/a	461	472	—	—				
	SEER			7.2	7.0	—	—				
	Energy efficiency class			A++	A++	—	—				
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0			
Min.			kW	4.5	4.5	5.0	5.0				
Max.			kW	14.0	14.0	16.0	16.0				
Total Input		Rated	kW	2.600	2.600	3.674	3.674				
COP			4.31	4.31	3.81	3.81					
Annual Electricity Consumption		kWh/a	2223	2224	—	—					
SCOP			4.9	4.9	—	—					
Energy efficiency class			A++	A++	—	—					
Operating Current(max)			A	27.0	8.5	27.0	10.0				
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08	0.08 / 0.08		
	Operating Current(max)			A	0.47	0.47	0.52	0.52			
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>			
	Weight <Panel>			kg	26 <5>	26 <5>	26 <5>	26 <5>			
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	19-22-25-28	19-22-25-28	21-24-26-29	21-24-26-29			
	External Static Pressure			Pa	0	0	0	0			
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-36-39-41	33-36-39-41			
	Sound Level (PWL)	Cooling		dB(A)	61	61	62	62			
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)			
	Weight			kg	116	123	116	125			
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120			
		Heating	Rated	m ³ /min.	110	110	120	120			
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50			
			Silent	dB(A)	46	46	47	47			
		Heating	Rated	dB(A)	51	51	52	52			
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70			
	Operating Current(max)			A	26.5	8	26.5	9.5			
	Breaker Size			A	32	16	32	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52				
		Gas	mm	15.88	15.88	15.88	15.88				
	Max. Length	Out-In		m	75	75	75	75			
		Out-In		m	30	30	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15			
			Upper Limit.	°C	+46	+46	+46	+46			
		Heating	Lower Limit.	°C	-20	-20	-20	-20			
			Upper Limit.	°C	+21	+21	+21	+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name	Indoor Unit			PLA-ZM140EA2		PLA-ZM140EA2			
	Outdoor Unit			PUHZ-ZRP140VKA3		PUHZ-ZRP140YKA3			
Refrigerant	R410A								
Power Supply	Source			Outdoor power supply					
Out	V			230		400			
	Phase			Single		Three			
	Hz			50		50			
	V			-		-			
	Phase			-		-			
	Hz			-		-			
In	V			-		-			
	Phase			-		-			
	Hz			-		-			
	Capacity	Rated	kW		13.4		13.4		
		Min.	kW		6.2		6.2		
		Max.	kW		15.0		15.0		
	SHF	Rated		0.67		0.67			
	Total Input	Rated		kW		4.364			
	EER				3.07		3.07		
	Annual Electricity Consumption		kWh/a		-		-		
SEER				-		-			
		Energy efficiency class		-		-			
Heating	Capacity	Rated	kW		16.0		16.0		
		Min.	kW		5.7		5.7		
		Max.	kW		18.0		18.0		
	Total Input	Rated		kW		4.848			
	COP				3.30		3.30		
	Annual Electricity Consumption		kWh/a		-		-		
	SCOP				-		-		
			Energy efficiency class		-		-		
	Operating Current(max)			A		28.7		13.7	
	Indoor Unit	Input	Cooling/Heating	Rated	kW		0.10 / 0.10		
Operating Current(max)			A		0.66				
Dimensions <Panel>		H x W x D		mm		298-840-840 <40-950-950>			
Weight <Panel>			kg		26 <5>				
Air Volume		Lo-Mi2-Mi1-Hi		m ³ /min.		24-26-29-32			
External Static Pressure			Pa		0				
Sound Level (SPL)		Lo-Mi2-Mi1-Hi		dB(A)		36-39-42-44			
Sound Level (PWL)		Cooling		dB(A)		65			
Outdoor Unit	Dimensions	H x W x D		mm		1338-1050-330(+40)			
	Weight			kg		118			
	Air Volume	Cooling	Rated	m ³ /min.		120			
		Heating	Rated	m ³ /min.		120			
	Sound Level (SPL)	Cooling	Rated	dB(A)		50			
			Silent	dB(A)		47			
		Heating	Rated	dB(A)		52			
	Sound Level (PWL)	Cooling		dB(A)		70			
	Operating Current(max)			A		28			
	Breaker Size			A		40			
Ext. Piping	Diameter (*2)	Liquid		mm		9.52			
		Gas		mm		15.88			
	Max.Length	Out-In		m		75			
	Max. Height	Out-In		m		30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C		-15			
			Upper Limit.	°C		+46			
		Heating	Lower Limit.	°C		-20			
			Upper Limit.	°C		+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
Refrigerant		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Power Supply		Source		R410A				
Out		V		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
In		V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.84	0.81	0.77	0.73	
	Total Input	Rated	kW	0.833	1.416	1.747	1.868	
	EER			4.32	3.53	3.49	3.80	
	Annual Electricity Consumption		kWh/a	174	258	321	341	
	SEER			7.2	6.7	6.6	7.2	
		Energy efficiency class		A++	A++	A++	A++	
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	
		Min.	kW	1.6	2.5	2.8	3.5	
		Max.	kW	5.8	7.3	8.2	10.2	
	Total Input	Rated	kW	0.920	1.810	2.070	2.110	
	COP			4.46	3.31	3.38	3.79	
	Annual Electricity Consumption		kWh/a	766	1215	1421	1405	
	SCOP			4.5	4.3	4.3	4.6	
		Energy efficiency class		A+	A+	A+	A++	
Operating Current(max)		A	13.2	13.2	19.2	19.3		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	56
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
	Sound Level (SPL)	Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
Breaker Size			A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max. Length	Out-In		m	50	50	50	50
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2		
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3		
Refrigerant				R410A					
Power Supply			Source	Outdoor power supply					
Out	V	230		400	230	400			
		Phase		Single	Three	Single	Three		
		Hz		50	50	50	50		
	In	V		—	—	—	—		
		Phase		—	—	—	—		
		Hz		—	—	—	—		
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5		
		Min.	kW	4.9	4.9	5.5	5.5		
		Max.	kW	11.4	11.4	14.0	14.0		
	SHF	Rated		0.74	0.74	0.71	0.71		
	Total Input	Rated	kW	2.230	2.230	3.869	3.869		
	EER			4.26	4.26	3.23	3.23		
	Annual Electricity Consumption		kWh/a	465	475	—	—		
	SEER			7.1	6.9	—	—		
	Energy efficiency class			A++	A++	—	—		
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0	
Min.			kW	4.5	4.5	5.0	5.0		
Max.			kW	14.0	14.0	16.0	16.0		
Total Input		Rated	kW	2.690	2.690	3.773	3.773		
COP			4.16	4.16	3.71	3.71			
Annual Electricity Consumption		kWh/a	2471	2472	—	—			
SCOP			4.4	4.4	—	—			
Energy efficiency class			A+	A+	—	—			
Operating Current(max)			A	27.0	8.5	27.2	10.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10	
		Operating Current(max)		A	0.46	0.46	0.66	0.66	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31	
	External Static Pressure				Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44	
	Sound Level (PWL)	Cooling		dB(A)	61	61	65	65	
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight				kg	116	123	116	125
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120	
		Heating	Rated	m³/min.	110	110	120	120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50	
			Silent	dB(A)	46	46	47	47	
		Heating	Rated	dB(A)	51	51	52	52	
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70	
	Operating Current(max)				A	26.5	8	26.5	9.5
	Breaker Size				A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52	
		Gas		mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In		m	75	75	75	75	
Max. Height	Out-In		m	30	30	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-20	-20	-20	-20	
			Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2		
		Outdoor Unit		PUHZ-ZRP140VKA3		PUHZ-ZRP140YKA3		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	230		400				
		Phase		Single		Three		
		Hz		50		50		
	In	V		—		—		
		Phase		—		—		
		Hz		—		—		
Cooling	Capacity	Rated	kW	13.4	13.4			
		Min.	kW	6.2	6.2			
		Max.	kW	15.0	15.0			
	SHF	Rated		0.72	0.72			
	Total Input	Rated	kW	4.393	4.393			
	EER				3.05	3.05		
	Annual Electricity Consumption		kWh/a		—	—		
	SEER				—	—		
			Energy efficiency class		—	—		
	Heating	Capacity	Rated	kW	16.0	16.0		
Min.			kW	5.7	5.7			
Max.			kW	18.0	18.0			
Total Input		Rated	kW	4.907	4.907			
COP				3.26	3.26			
Annual Electricity Consumption		kWh/a		—	—			
SCOP				—	—			
		Energy efficiency class		—	—			
Operating Current(max)			A	28.7	13.7			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10		
	Operating Current(max)			A	0.66	0.66		
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>		
	Weight <Panel>			kg	26 <5>	26 <5>		
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32	24-26-29-32		
	External Static Pressure			Pa	0	0		
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44	36-39-42-44		
	Sound Level (PWL)	Cooling		dB(A)	65	65		
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)		
	Weight			kg	118	131		
	Air Volume	Cooling	Rated	m ³ /min.	120	120		
		Heating	Rated	m ³ /min.	120	120		
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50		
			Silent	dB(A)	47	47		
		Heating	Rated	dB(A)	52	52		
	Sound Level (PWL)	Cooling		dB(A)	70	70		
	Operating Current(max)			A	28	13		
	Breaker Size			A	40	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max.Length	Out-In	m	75	75			
	Max. Height	Out-In	m	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Mr.Slim+

Model Name	Indoor Unit			PLA-ZM71EA2	
	Outdoor Unit			PUHZ-FRP71VHA2	
Refrigerant	R410A				
Power Supply	Out			Source	Outdoor power supply
				V	230
	In			Phase	Single
				Hz	50
	In			V	—
				Phase	—
In			Hz	—	
			In		
Cooling	Capacity	Rated			
		Min.	kW	3.3	
		Max.	kW	8.1	
	SHF	Rated		0.72	
	Total Input	Rated	kW	1.883	
	EER			3.77	
	Annual Electricity Consumption		kWh/a	376	
	SEER			6.6	
		Energy efficiency class		A++	
	Heating	Capacity	Rated	kW	8.0
Min.			kW	3.5	
Max.			kW	10.2	
Total Input		Rated	kW	2.105	
COP				3.80	
Annual Electricity Consumption			kWh/a	1509	
SCOP				4.3	
		Energy efficiency class		A+	
Operating Current(max)		A	19.3		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05
	Operating Current(max)		A	0.34	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>
	Weight <Panel>		kg	24 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	17-19-21-23	
	External Static Pressure		Pa	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	28-30-33-36	
	Sound Level (PWL)	Cooling	dB(A)	57	
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330
	Weight		kg	73	
	Air Volume	Cooling	Rated	m ³ /min.	50
		Heating	Rated	m ³ /min.	50
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	—
		Heating	Rated	dB(A)	49
	Sound Level (PWL)	Cooling	dB(A)	67	
	Operating Current(max)		A	19.0	
	Breaker Size		A	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max.Length	Out-In	m	60	
	Max. Height	Out-In	m	20	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15
			Upper Limit.	°C	+46
		Heating	Lower Limit.	°C	-20
			Upper Limit.	°C	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

4.Standard Inverter SERIES

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
		Outdoor Unit		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V			—	—	—	—
			Phase		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	3.6	5.5	5.7	7.1	
		Min.	kW	1.4	2.3	2.3	2.8	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.84	0.81	0.76	0.73	
	Total Input	Rated	kW	1.020	1.610	1.760	2.100	
	EER			3.53	3.42	3.24	3.38	
	Annual Electricity Consumption		kWh/a	181	296	306	400	
	SEER			6.9	6.5	6.5	6.2	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	5.8	6.9	8.0
Min.			kW	1.7	1.7	2.5	2.6	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	1.000	1.690	1.970	2.247	
COP				4.10	3.43	3.50	3.56	
Annual Electricity Consumption			kWh/a	826	1499	1493	1888	
SCOP				4.4	4.0	4.3	4.3	
		Energy efficiency class		A+	A+	A+	A+	
Operating Current(max)			A	8.4	12.2	14.2	16.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34
	Sound Level (PWL)	Cooling			51	54	54	56
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	880-840-330	880-840-330	880-840-330
	Weight			kg	35	54	50	53
	Air Volume	Cooling	Rated	m³/min.	36.3	44.6	40.9	50.1
		Heating	Rated	m³/min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling		dB(A)	62	65	65	69
	Operating Current(max)			A	8.2	12	14	16.1
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max.Length	Out-In	m	20	30	30	30	
	Max. Height	Out-In	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2		
		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA		
Refrigerant		R410A							
Power Supply			Source	Outdoor power supply					
Out	V	230		400	230	400			
		Phase		Single	Three	Single	Three		
		Hz		50	50	50	50		
	In	V		—	—	—	—		
		Phase		—	—	—	—		
		Hz		—	—	—	—		
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1		
		Min.	kW	3.7	3.7	5.6	5.6		
		Max.	kW	10.6	10.6	13.0	13.0		
	SHF	Rated		0.77	0.77	0.73	0.73		
	Total Input	Rated	kW	3.186	3.186	4.101	4.101		
	EER			2.95	2.95	2.95	2.95		
	Annual Electricity Consumption		kWh/a	537	537	—	—		
	SEER			6.1	6.1	—	—		
	Energy efficiency class			A++	A++	—	—		
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	
Min.			kW	2.8	2.8	4.8	4.8		
Max.			kW	12.5	12.5	15.0	15.0		
Total Input		Rated	kW	3.265	3.265	3.846	3.846		
COP			3.43	3.43	3.51	3.51			
Annual Electricity Consumption		kWh/a	2433	2433	—	—			
SCOP			4.6	4.6	—	—			
Energy efficiency class			A++	A++	—	—			
Operating Current(max)			A	20.5	12.0	27.2	12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10	
		Operating Current(max)		A	0.46	0.46	0.66	0.66	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31	
	External Static Pressure				Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44	
	Sound Level (PWL)	Cooling			61	61	65	65	
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	
	Weight				kg	76	78	84	85
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86	
		Heating	Rated	m ³ /min.	79	79	92	92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54	
			Silent	dB(A)	49	49	52	52	
		Heating	Rated	dB(A)	54	54	56	56	
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72	
	Operating Current(max)				A	20	11.5	26.5	11.5
	Breaker Size				A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52	
		Gas		mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In		m	50	50	50	50	
		Max. Height		Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2		
		Outdoor Unit		PUHZ-P140VKA		PUHZ-P140YKA		
Refrigerant		R410A						
Power Supply		Source		Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		—		—		
		Phase		—		—		
		Hz		—		—		
Cooling	Capacity	Rated	kW	13.6		13.6		
		Min.	kW	5.8		5.8		
		Max.	kW	14.1		14.1		
	SHF	Rated		0.70		0.70		
	Total Input	Rated	kW	5.418		5.418		
	EER			2.51		2.51		
	Annual Electricity Consumption		kWh/a	—		—		
	SEER			—		—		
			Energy efficiency class	—		—		
Heating	Capacity	Rated	kW	15.0		15.0		
		Min.	kW	4.9		4.9		
		Max.	kW	15.8		15.8		
	Total Input	Rated	kW	4.672		4.672		
	COP			3.21		3.21		
	Annual Electricity Consumption		kWh/a	—		—		
	SCOP			—		—		
			Energy efficiency class	—		—		
Operating Current(max)			A	30.7		12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		0.10 / 0.10	
	Operating Current(max)			A	0.66		0.66	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>		298-840-840 <40-950-950>	
	Weight <Panel>			kg	26 <5>		26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		36-39-42-44	
	Sound Level (PWL)	Cooling			65		65	
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330		981-1050-330	
	Weight			kg	84		85	
	Air Volume	Cooling	Rated	m ³ /min.	86		86	
		Heating	Rated	m ³ /min.	92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	56		56	
			Silent	dB(A)	54		54	
		Heating	Rated	dB(A)	57		57	
	Sound Level (PWL)	Cooling		dB(A)	75		75	
	Operating Current(max)			A	30		11.5	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In		m	50		50	
	Max. Height	Out-In		m	30		30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name	Indoor Unit			PLA-SM71EA2	PLA-SM100EA2	PLA-SM100EA2	
	Outdoor Unit			SUZ-SA71VA3	SUZ-SA100VA2	PUHZ-SP100YKA	
Refrigerant	R410A						
Power Supply	Source			Outdoor power supply			
	Out	V		230	230	400	
		Phase		Single	Single	Single	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
Hz		—	—	—			
Cooling	Capacity	Rated	kW	7.1	9.4	9.4	
		Min.	kW	3.2	5.0	3.7	
		Max.	kW	8.1	9.9	10.6	
	SHF	Rated		0.77	0.84	0.77	
	Total Input	Rated	kW	2.225	3.122	3.298	
	EER			3.19	3.01	2.85	
	Annual Electricity Consumption		kWh/a	421	576	575	
	SEER			5.9	5.7	5.7	
	Energy efficiency class			A+	A+	A+	
	Heating	Capacity	Rated	kW	8.0	11.2	11.2
Min.			kW	3.5	5.1	2.8	
Max.			kW	8.9	11.5	12.5	
Total Input		Rated	kW	2.492	3.489	3.489	
COP			3.21	3.21	3.21		
Annual Electricity Consumption		kWh/a	2082	2687	2731		
SCOP			3.9	4.1	4.1		
Energy efficiency class			A	A+	A+		
Operating Current(max)			A	16.4	16.6	12.0	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07
	Operating Current(max)			A	0.27	0.46	
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21<5>	24<5>	24<5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	14-17-19-21	19-23-26-29	19-23-26-29
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	28-30-32-34	31-34-37-40	31-34-37-40
	Sound Level (PWL)	Cooling			56	61	61
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	880-840-330	981-1050-330(+40)
	Weight			kg	52	56	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	53.6	79
		Heating	Rated	m ³ /min.	48.2	53.7	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55	51
			Silent	dB(A)	—	—	49
		Heating	Rated	dB(A)	55	55	54
	Sound Level (PWL)	Cooling		dB(A)	69	69	70
	Operating Current(max)			A	16.1	16.1	11.5
	Breaker Size			A	20	20	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In		m	30	30	30
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-10	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-15
			Upper Limit.	°C	+24	+24	+21

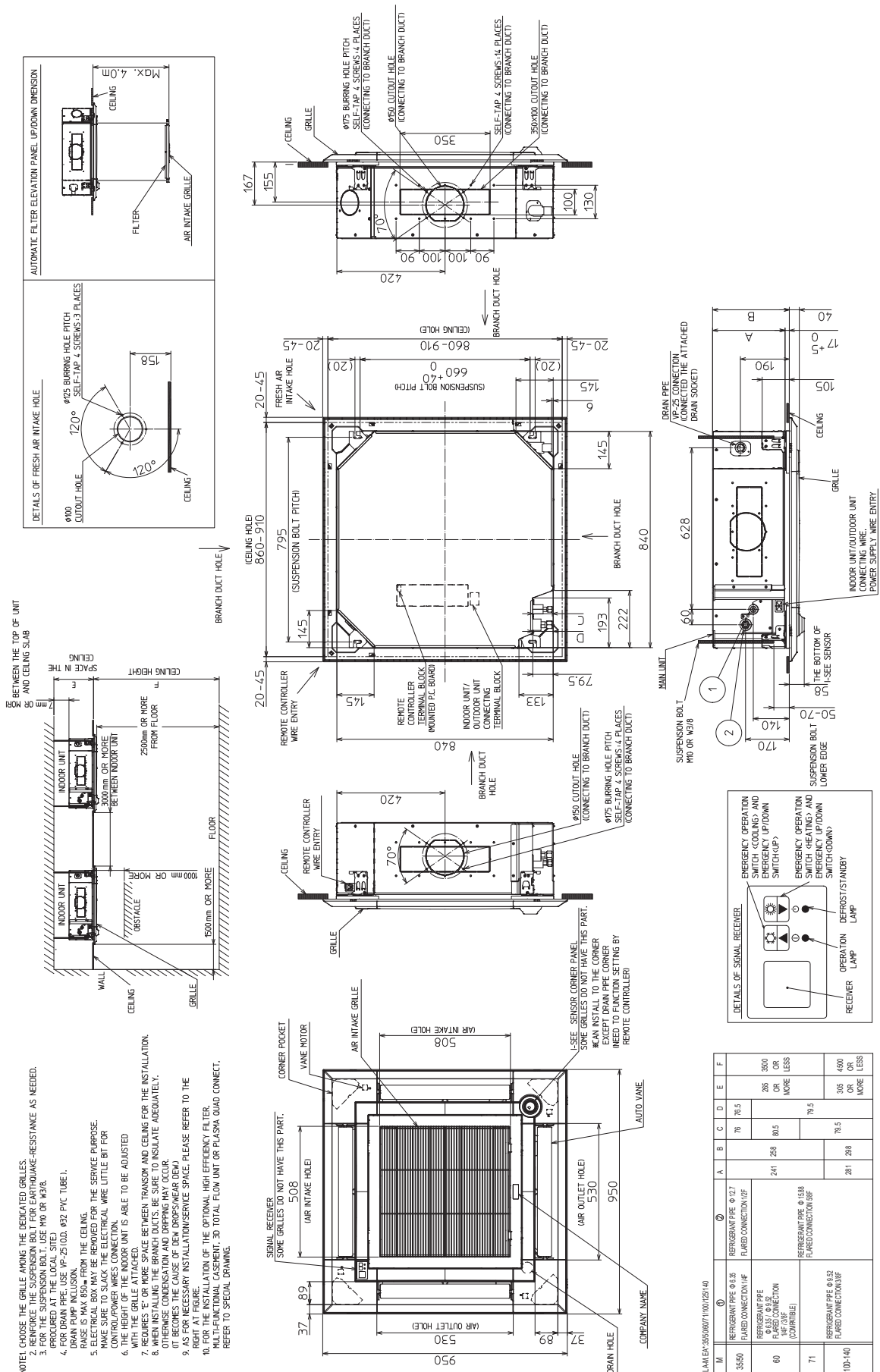
(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-SM125EA2	PLA-SM125EA2	PLA-SM140EA2	PLA-SM140EA2	
		Outdoor Unit		PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	230		400	230	400		
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	12.1	12.1	13.6	13.6	
		Min.	kW	5.6	5.6	5.8	5.8	
		Max.	kW	13.0	13.0	14.1	14.1	
	SHF	Rated		0.73	0.73	0.70	0.70	
	Total Input	Rated	kW	4.245	4.245	5.643	5.643	
	EER			2.85	2.85	2.41	2.41	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
	Energy efficiency class			—	—	—	—	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	4.8	4.8	4.9	4.9	
Max.			kW	15.0	15.0	15.8	15.8	
Total Input		Rated	kW	3.958	3.958	4.823	4.823	
COP			3.41	3.41	3.11	3.11		
Annual Electricity Consumption		kWh/a	—	—	—	—		
SCOP			—	—	—	—		
Energy efficiency class			—	—	—	—		
Operating Current(max)			A	27.2	12.2	30.7	12.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10
		Operating Current(max)		A	0.66	0.66	0.66	0.66
	Dimensions <Panel>	H × W × D	mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>		kg	26<5>	26<5>	26<5>	26<5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	21-25-28-31	21-25-28-31	24-26-29-32	24-26-29-32	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44	
	Sound Level (PWL)	Cooling	dB(A)	65	65	65	65	
Outdoor Unit	Dimensions	H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	
	Weight		kg	85	85	84	85	
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	86	86	86	86
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	56	56
			Silent	dB(A)	52	52	54	54
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	72	72	75	75	
	Operating Current(max)		A	26.5	11.5	30	11.5	
	Breaker Size		A	32	16	40	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	40	40	40	40	
		Max. Height	Out-In	m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

PLA-M35EA2
PLA-M50EA2
PLA-M60EA2
PLA-M71EA2

PLA-M100EA2
PLA-M125EA2
PLA-M140EA2



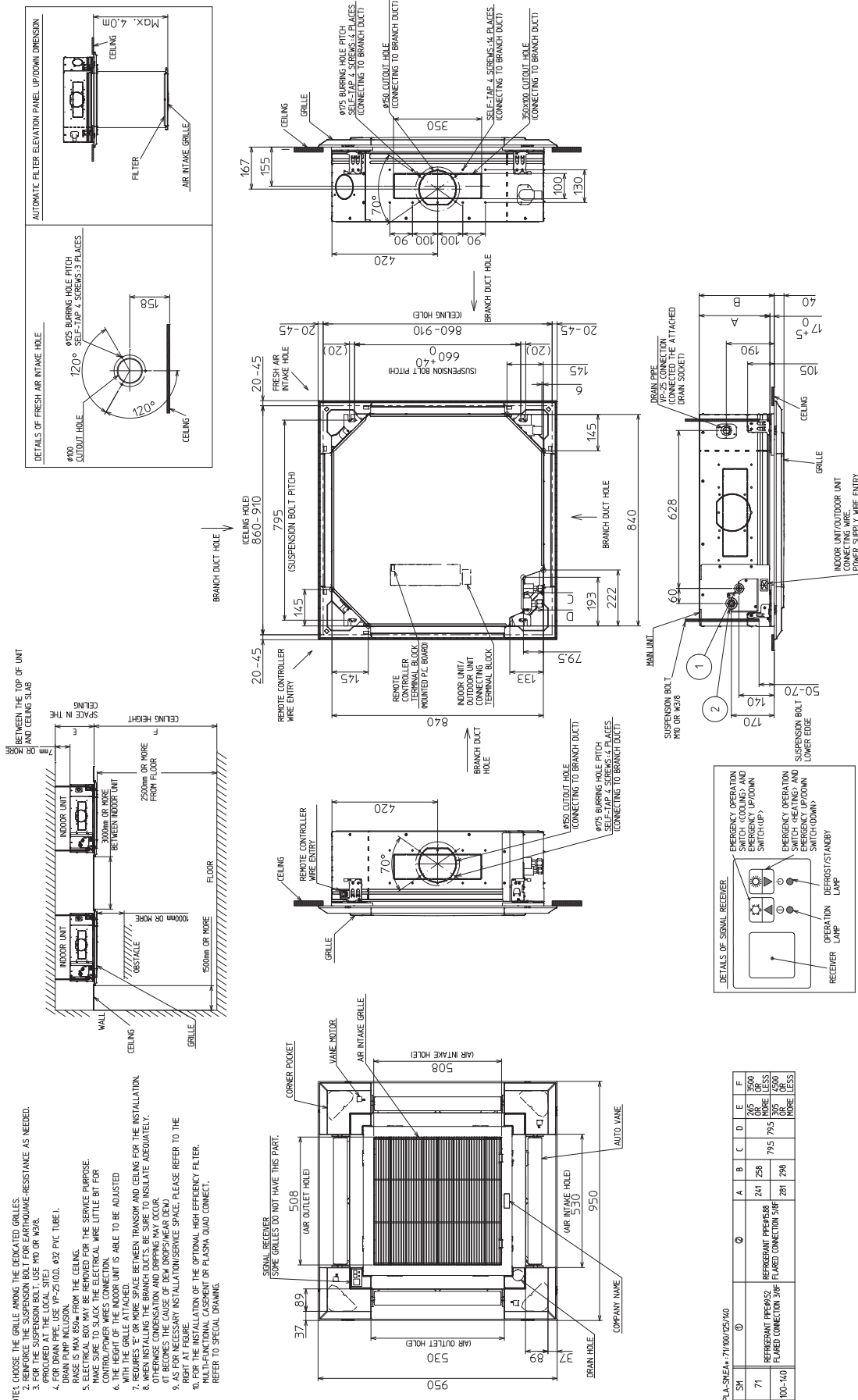
- NOTE1. CHOOSE THE GRILLE AMONG THE DEDICATED GRILLES.
- REINFORCE THE SUSPENSION BOLT FOR EARTHQUAKE-RESISTANCE AS NEEDED.
- FOR THE SUSPENSION BOLT, USE M10 OR M18. (PROCURABLE AT THE LOCAL SITE)
- FOR DRAIN PIPE, USE VP-25(100, Ø32 PVC TUBE). (PROCURABLE AT THE LOCAL SITE)
- THE RISE IS MAY BE 800mm FROM THE CEILING.
- ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE. MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR CONTROL/POWER WIRES CONNECTION.
- THE HEIGHT OF THE INDOOR UNIT IS ABLE TO BE ADJUSTED WITH THE GRILLE ATTACHED.
- THE SPACE BETWEEN TRANSOM AND CEILING FOR THE INSTALLATION, OTHERWISE CONDENSATION AND DRIPPING MAY OCCUR.
- WHEN INSTALLING THE BRANCH DUCTS, BE SURE TO INSULATE ADEQUATELY.
- IT BECOMES THE CAUSE OF DEW DROPS/WEAR DEW.
- AS FOR NECESSARY INSTALLATION/SERVICE SPACE, PLEASE REFER TO THE RIGHT AT FIGURE.
- FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER, MULTIFUNCTIONAL CASSETTE, 3D TOTAL FLOW UNIT OR PLASMA GUAO CONNECT, REFER TO SPECIAL DRAWING.

PLA-M EX-355A/007/1100/25145140

M	①	②	A	B	C	D	E	F
3550	REFRIGERANT PIPE Ø12.7 FLARED CONNECTION I/F	REFRIGERANT PIPE Ø12.7 FLARED CONNECTION I/F	76	76.5				
60	REFRIGERANT PIPE Ø13.2 FLARED CONNECTION (COURTABLE)	REFRIGERANT PIPE Ø13.2 FLARED CONNECTION I/F	241	258	80.5		265	3000
71	REFRIGERANT PIPE Ø13.8 FLARED CONNECTION I/F	REFRIGERANT PIPE Ø13.8 FLARED CONNECTION I/F				79.5		MORE OR LESS
100-140	REFRIGERANT PIPE Ø13.2 FLARED CONNECTION I/F	REFRIGERANT PIPE Ø13.2 FLARED CONNECTION I/F				79.5		305
			281	298				4000
								MORE OR LESS

PLA-SM71EA2
 PLA-SM100EA2
 PLA-SM125EA2
 PLA-SM140EA2

Unit: mm



PLA-SM	Ø	A	B	C	D	E	F
71	241	250	795	795	795	305	3500
100-140	281	296				305	4500

REFRIGERANT PIPES Ø88
 FLARED CONNECTION 3.08F
 WIRE Ø25.5
 WIRE Ø25.5

A.1.3 WIRING DIAGRAM

- PLA-ZM35EA2 PLA-ZM100EA2
- PLA-ZM50EA2 PLA-ZM125EA2
- PLA-ZM60EA2 PLA-ZM140EA2
- PLA-ZM71EA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	R.B	WIRED REMOTE CONTROLLER
F1	FUSE (T6.3AL250V)	OPTION PART	
LED1	POWER SUPPLY (I.B)	W.B	PCB OF SIGNAL RECEIVER
LED2	POWER SUPPLY (R.B)	BZ	BUZZER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED1	LED (OPERATION INDICATION : GREEN)
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.	RU	RECEIVING UNIT
SWE	SWITCH (EMERGENCY OPERATION)	SW1	EMERGENCY OPERATION (HEAT / DOWN)
DP	DRAIN PUMP	SW2	EMERGENCY OPERATION (COOL / UP)
FS	DRAIN FLOAT SWITCH	MT	i-see Sensor MOTOR
MF	FAN MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)
MV	VANE MOTOR		

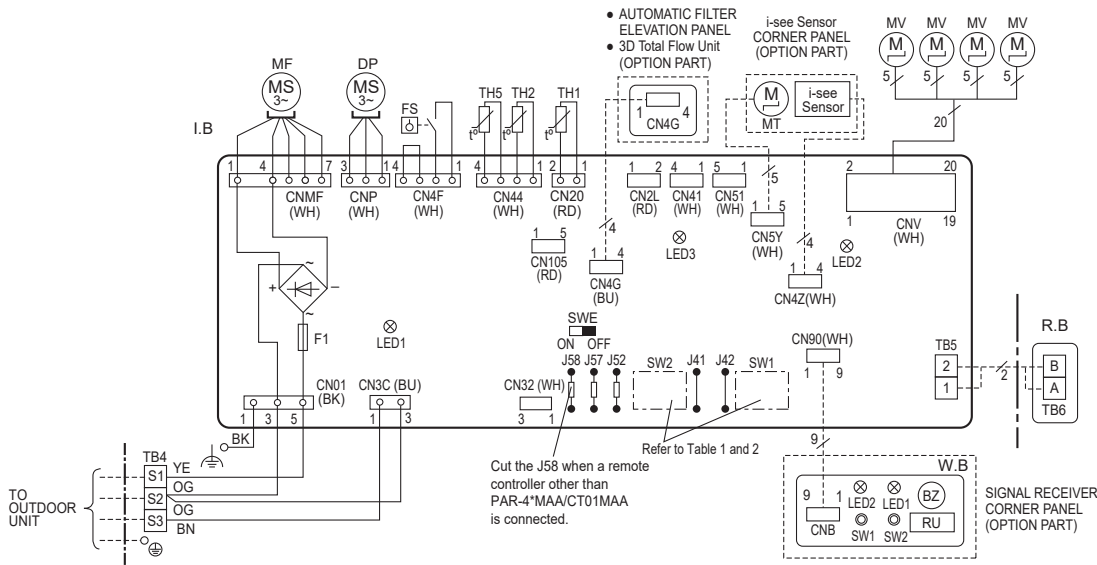
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

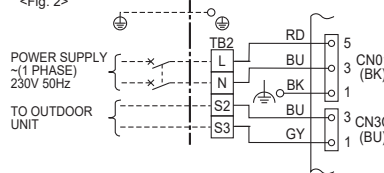
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
35	1 2 3 4 5 6 ON OFF	71	1 2 3 4 5 6 ON OFF	140	1 2 3 4 5 6 ON OFF
50	1 2 3 4 5 ON OFF	100	1 2 3 4 5 ON OFF		
60	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF		

The black square (■) indicates a switch position.

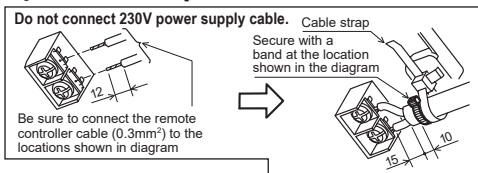


- Notes:
1. Symbols used in wiring diagram on the left are, □: Terminal (block), ○: Connector.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
 - If the separate indoor/outdoor unit power supplied system is applied, refer to Fig 2.
 - For power supply system of this unit, refer to the caution label located near this diagram.
 5. When installing the automatic filter elevation panel and the 3D Total Flow Unit together, refer to the wiring diagram of the 3D Total Flow Unit.

<Fig. 2>



<Fig. 1> Caution when connecting the remote controller cable to the terminal block TB5



[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
P5	Malfunction of Drain pump.	E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P6	Freezing / overheating protection is working.	FB(Fb)	Abnormality of indoor controller board.
P8	Abnormality of pipe temperature.	U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
P9	Abnormality of pipe temperature thermistor / Cond. /Eva. (TH5).		
PA	Leakage error (refrigerant system)		

PLA-SM71EA2
PLA-SM100EA2
PLA-SM125EA2
PLA-SM140EA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	R.B	WIRED REMOTE CONTROLLER
F1	FUSE (T6.3AL250V)		
LED1	POWER SUPPLY (I.B)		
LED2	POWER SUPPLY (R.B)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)		
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>		
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>		
SWE	SWITCH (EMERGENCY OPERATION)		
DP	DRAIN PUMP		
FS	DRAIN FLOAT SWITCH		
MF	FAN MOTOR		
MV	VANE MOTOR		

OPTION PART	
W.B	PCB OF SIGNAL RECEIVER
BZ	BUZZER
LED1	LED (OPERATION INDICATION : GREEN)
LED2	LED (PREPARATION FOR HEATING : ORANGE)
RU	RECEIVING UNIT
SW1	EMERGENCY OPERATION (HEAT / DOWN)
SW2	EMERGENCY OPERATION (COOL / UP)
TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)

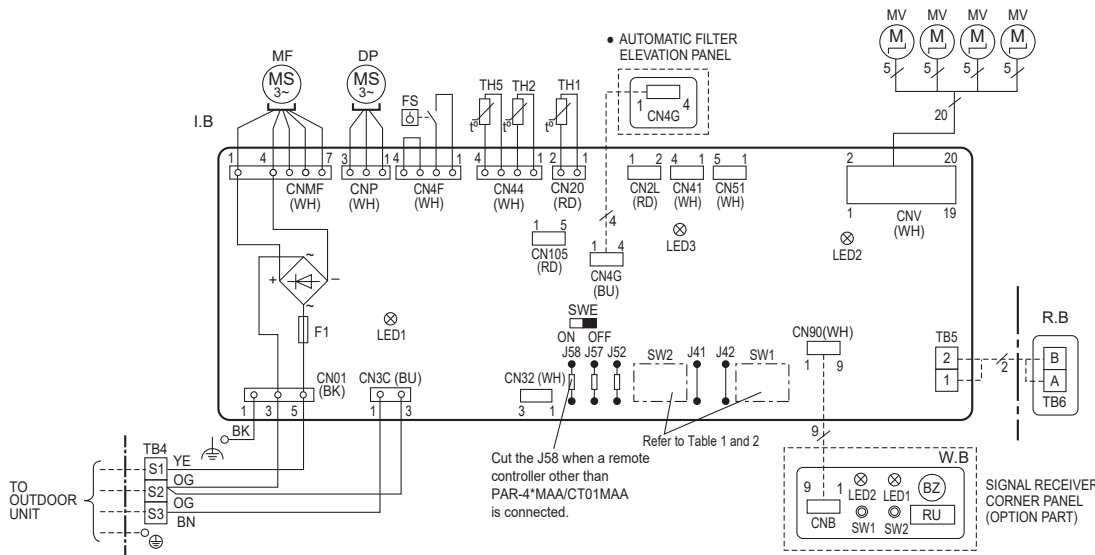
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

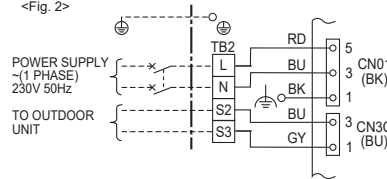
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
71	1 2 3 4 5 ON/OFF	140	1 2 3 4 5 ON/OFF
100	1 2 3 4 5 ON/OFF		
125	1 2 3 4 5 ON/OFF		

The black square (■) indicates a switch position.

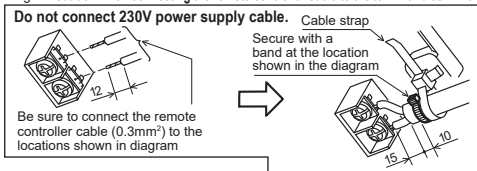


- Notes: 1. Symbols used in wiring diagram on the left are, □□□: Terminal (block), □□□□□□□□□□: Connector.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
 • If the separate indoor/outdoor unit power supplied system is applied, refer to Fig. 2.
 • For power supply system of this unit, refer to the caution label located near this diagram.

<Fig. 2>



<Fig. 1> Caution when connecting the remote controller cable to the terminal block TB5



[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

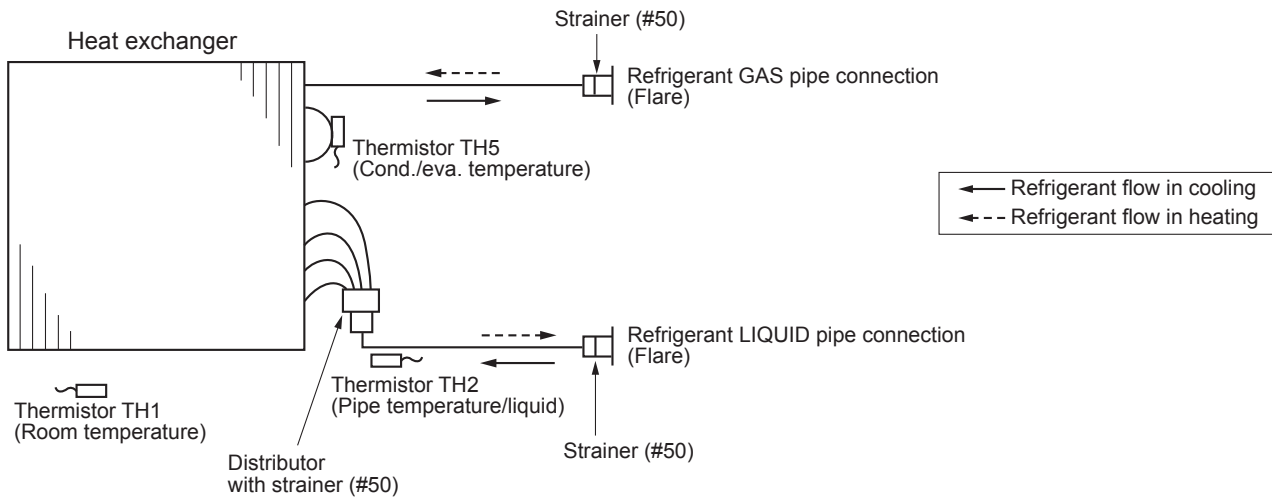
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).		
P5	Malfunction of Drain pump.	E0~E5	Abnormality of the signal transmission between remote controller and indoor unit.
P6	Freezing / overheating protection is working.	E6~EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P8	Abnormality of pipe temperature.	FB(Fb)	Abnormality of indoor controller board.
P9	Abnormality of pipe temperature thermistor / Cond. /Eva. (TH5).	U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
PA	Leakage error (refrigerant system)		

A.1.4 REFRIGERANT SYSTEM DIAGRAM

PLA-ZM35EA2
 PLA-ZM50EA2
 PLA-ZM60EA2
 PLA-ZM71EA2
 PLA-ZM100EA2
 PLA-ZM125EA2
 PLA-ZM140EA2

PLA-M35EA2
 PLA-M50EA2
 PLA-M60EA2
 PLA-M71EA2
 PLA-M100EA2
 PLA-M125EA2
 PLA-M140EA2

PLA-SM71EA2
 PLA-SM100EA2
 PLA-SM125EA2
 PLA-SM140EA2



A.1.5 PERFORMANCE DATA

A.1.5.1 R32 type

1. Power Inverter SERIES

COOLING CAPACITY

PLA-ZM35EA2 / PUZ-ZM35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.722	2.722	1.00	0.517	2.659	2.659	1.00	0.565	2.595	2.595	1.00	0.612
14	8	2.780	2.780	1.00	0.517	2.706	2.706	1.00	0.565	2.632	2.632	1.00	0.614
14	9	2.895	2.895	1.00	0.516	2.818	2.818	1.00	0.567	2.740	2.740	1.00	0.617
16	8	2.836	2.836	1.00	0.516	2.771	2.771	1.00	0.566	2.705	2.705	1.00	0.616
16	9	2.916	2.916	1.00	0.516	2.839	2.839	1.00	0.567	2.761	2.761	1.00	0.618
16	11	3.051	3.051	1.00	0.514	2.969	2.969	1.00	0.568	2.887	2.887	1.00	0.622
18	10	2.954	2.954	1.00	0.515	2.885	2.885	1.00	0.567	2.816	2.816	1.00	0.620
18	11	3.062	3.062	1.00	0.515	2.980	2.980	1.00	0.568	2.898	2.898	1.00	0.622
18	12	3.215	3.215	1.00	0.513	3.128	3.128	1.00	0.569	3.041	3.041	1.00	0.625
20	16	3.564	3.101	0.87	0.564	3.456	3.007	0.87	0.596	3.348	2.913	0.87	0.631
20	18	3.816	2.862	0.75	0.575	3.708	2.781	0.75	0.606	3.582	2.687	0.75	0.649
20	20	4.104	2.586	0.63	0.592	4.014	2.529	0.63	0.620	3.906	2.461	0.63	0.663
22	16	3.564	3.386	0.95	0.564	3.456	3.283	0.95	0.596	3.348	3.181	0.95	0.631
22	18	3.816	3.167	0.83	0.575	3.708	3.078	0.83	0.606	3.582	2.973	0.83	0.649
22	20	4.104	2.914	0.71	0.592	4.014	2.850	0.71	0.620	3.906	2.773	0.71	0.663
24	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
24	18	3.816	3.473	0.91	0.575	3.708	3.374	0.91	0.606	3.582	3.260	0.91	0.649
24	20	4.104	3.242	0.79	0.592	4.014	3.171	0.79	0.620	3.906	3.086	0.79	0.663
24	22	4.374	2.931	0.67	0.606	4.284	2.870	0.67	0.642	4.176	2.798	0.67	0.684
26	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
26	18	3.816	3.778	0.99	0.575	3.708	3.671	0.99	0.606	3.582	3.546	0.99	0.649
26	20	4.104	3.570	0.87	0.592	4.014	3.492	0.87	0.620	3.906	3.398	0.87	0.663
26	22	4.374	3.281	0.75	0.606	4.284	3.213	0.75	0.642	4.176	3.132	0.75	0.684
27	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
27	18	3.816	3.816	1.00	0.575	3.708	3.708	1.00	0.606	3.582	3.582	1.00	0.649
27	20	4.104	3.735	0.91	0.592	4.014	3.653	0.91	0.620	3.906	3.554	0.91	0.663
27	22	4.374	3.455	0.79	0.606	4.284	3.384	0.79	0.642	4.176	3.299	0.79	0.684
28	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
28	18	3.816	3.816	1.00	0.575	3.708	3.708	1.00	0.606	3.582	3.582	1.00	0.649
28	20	4.104	3.899	0.95	0.592	4.014	3.813	0.95	0.620	3.906	3.711	0.95	0.663
28	22	4.374	3.630	0.83	0.606	4.284	3.556	0.83	0.642	4.176	3.466	0.83	0.684
30	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
30	18	3.816	3.816	1.00	0.575	3.708	3.708	1.00	0.606	3.582	3.582	1.00	0.649
30	20	4.104	4.104	1.00	0.592	4.014	4.014	1.00	0.620	3.906	3.906	1.00	0.663
30	22	4.374	3.980	0.91	0.606	4.284	3.898	0.91	0.642	4.176	3.800	0.91	0.684
32	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
32	18	3.816	3.816	1.00	0.575	3.708	3.708	1.00	0.606	3.582	3.582	1.00	0.649
32	20	4.104	4.104	1.00	0.592	4.014	4.014	1.00	0.620	3.906	3.906	1.00	0.663
32	22	4.374	4.330	0.99	0.606	4.284	4.241	0.99	0.642	4.176	4.134	0.99	0.684
34	16	3.564	3.564	1.00	0.564	3.456	3.456	1.00	0.596	3.348	3.348	1.00	0.631
34	18	3.816	3.816	1.00	0.575	3.708	3.708	1.00	0.606	3.582	3.582	1.00	0.649
34	20	4.104	4.104	1.00	0.592	4.014	4.014	1.00	0.620	3.906	3.906	1.00	0.663
34	22	4.374	4.374	1.00	0.606	4.284	4.284	1.00	0.642	4.176	4.176	1.00	0.684

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.524	2.524	1.00	0.667	2.447	2.447	1.00	0.723	2.384	2.384	1.00	0.779
14	8	2.549	2.549	1.00	0.668	2.465	2.465	1.00	0.724	2.398	2.398	1.00	0.780
14	9	2.655	2.655	1.00	0.673	2.564	2.564	1.00	0.731	2.489	2.489	1.00	0.788
16	8	2.632	2.632	1.00	0.672	2.553	2.553	1.00	0.730	2.488	2.488	1.00	0.787
16	9	2.675	2.675	1.00	0.674	2.584	2.584	1.00	0.732	2.512	2.512	1.00	0.789
16	11	2.798	2.798	1.00	0.680	2.703	2.703	1.00	0.740	2.623	2.623	1.00	0.798
18	10	2.741	2.741	1.00	0.677	2.661	2.661	1.00	0.737	2.593	2.593	1.00	0.796
18	11	2.809	2.809	1.00	0.680	2.713	2.713	1.00	0.740	2.634	2.634	1.00	0.799
18	12	2.948	2.948	1.00	0.686	2.848	2.848	1.00	0.748	2.763	2.763	1.00	0.809
20	16	3.204	2.787	0.87	0.677	3.060	2.662	0.87	0.726	2.916	2.537	0.87	0.786
20	18	3.456	2.592	0.75	0.694	3.348	2.511	0.75	0.747	3.132	2.349	0.75	0.804
20	20	3.744	2.359	0.63	0.712	3.600	2.268	0.63	0.761	3.384	2.132	0.63	0.818
22	16	3.204	3.044	0.95	0.677	3.060	2.907	0.95	0.726	2.916	2.770	0.95	0.786
22	18	3.456	2.868	0.83	0.694	3.348	2.779	0.83	0.747	3.132	2.600	0.83	0.804
22	20	3.744	2.658	0.71	0.712	3.600	2.556	0.71	0.761	3.384	2.403	0.71	0.818
24	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
24	18	3.456	3.145	0.91	0.694	3.348	3.047	0.91	0.747	3.132	2.850	0.91	0.804
24	20	3.744	2.958	0.79	0.712	3.600	2.844	0.79	0.761	3.384	2.673	0.79	0.818
24	22	4.032	2.701	0.67	0.726	3.888	2.605	0.67	0.783	3.672	2.460	0.67	0.832
26	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
26	18	3.456	3.421	0.99	0.694	3.348	3.315	0.99	0.747	3.132	3.101	0.99	0.804
26	20	3.744	3.257	0.87	0.712	3.600	3.132	0.87	0.761	3.384	2.944	0.87	0.818
26	22	4.032	3.024	0.75	0.726	3.888	2.916	0.75	0.783	3.672	2.754	0.75	0.832
27	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
27	18	3.456	3.456	1.00	0.694	3.348	3.348	1.00	0.747	3.132	3.132	1.00	0.804
27	20	3.744	3.407	0.91	0.712	3.600	3.276	0.91	0.761	3.384	3.079	0.91	0.818
27	22	4.032	3.185	0.79	0.726	3.888	3.072	0.79	0.783	3.672	2.901	0.79	0.832
28	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
28	18	3.456	3.456	1.00	0.694	3.348	3.348	1.00	0.747	3.132	3.132	1.00	0.804
28	20	3.744	3.557	0.95	0.712	3.600	3.420	0.95	0.761	3.384	3.215	0.95	0.818
28	22	4.032	3.347	0.83	0.726	3.888	3.227	0.83	0.783	3.672	3.048	0.83	0.832
30	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
30	18	3.456	3.456	1.00	0.694	3.348	3.348	1.00	0.747	3.132	3.132	1.00	0.804
30	20	3.744	3.744	1.00	0.712	3.600	3.600	1.00	0.761	3.384	3.384	1.00	0.818
30	22	4.032	3.669	0.91	0.726	3.888	3.538	0.91	0.783	3.672	3.342	0.91	0.832
32	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
32	18	3.456	3.456	1.00	0.694	3.348	3.348	1.00	0.747	3.132	3.132	1.00	0.804
32	20	3.744	3.744	1.00	0.712	3.600	3.600	1.00	0.761	3.384	3.384	1.00	0.818
32	22	4.032	3.992	0.99	0.726	3.888	3.849	0.99	0.783	3.672	3.635	0.99	0.832
34	16	3.204	3.204	1.00	0.677	3.060	3.060	1.00	0.726	2.916	2.916	1.00	0.786
34	18	3.456	3.456	1.00	0.694	3.348	3.348	1.00	0.747	3.132	3.132	1.00	0.804
34	20	3.744	3.744	1.00	0.712	3.600	3.600	1.00	0.761	3.384	3.384		

**COOLING CAPACITY
PLA-ZM50EA2 / PUZ-ZM50VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.781	3.781	1.00	0.811	3.693	3.693	1.00	0.886	3.604	3.604	1.00	0.960
14	8	3.862	3.862	1.00	0.811	3.758	3.758	1.00	0.887	3.655	3.655	1.00	0.963
14	9	4.021	3.699	0.92	0.809	3.914	3.601	0.92	0.889	3.806	3.502	0.92	0.968
16	8	3.939	3.939	1.00	0.810	3.848	3.848	1.00	0.888	3.757	3.757	1.00	0.967
16	9	4.050	3.969	0.98	0.809	3.942	3.863	0.98	0.889	3.834	3.757	0.98	0.969
16	11	4.237	3.813	0.90	0.807	4.123	3.711	0.90	0.891	4.010	3.609	0.90	0.975
18	10	4.102	4.102	1.00	0.808	4.007	4.007	1.00	0.890	3.911	3.911	1.00	0.972
18	11	4.253	4.125	0.97	0.807	4.139	4.015	0.97	0.891	4.025	3.904	0.97	0.976
18	12	4.466	3.930	0.88	0.804	4.345	3.824	0.88	0.893	4.223	3.716	0.88	0.981
20	16	4.950	3.713	0.75	0.885	4.800	3.600	0.75	0.935	4.650	3.488	0.75	0.990
20	18	5.300	3.339	0.63	0.901	5.150	3.245	0.63	0.951	4.975	3.134	0.63	1.018
20	20	5.700	2.907	0.51	0.929	5.575	2.843	0.51	0.973	5.425	2.767	0.51	1.040
22	16	4.950	4.109	0.83	0.885	4.800	3.984	0.83	0.935	4.650	3.860	0.83	0.990
22	18	5.300	3.763	0.71	0.901	5.150	3.657	0.71	0.951	4.975	3.532	0.71	1.018
22	20	5.700	3.363	0.59	0.929	5.575	3.289	0.59	0.973	5.425	3.201	0.59	1.040
24	16	4.950	4.505	0.91	0.885	4.800	4.368	0.91	0.935	4.650	4.232	0.91	0.990
24	18	5.300	4.187	0.79	0.901	5.150	4.069	0.79	0.951	4.975	3.930	0.79	1.018
24	20	5.700	3.819	0.67	0.929	5.575	3.735	0.67	0.973	5.425	3.635	0.67	1.040
24	22	6.075	3.341	0.55	0.951	5.950	3.273	0.55	1.006	5.800	3.190	0.55	1.073
26	16	4.950	4.901	0.99	0.885	4.800	4.752	0.99	0.935	4.650	4.604	0.99	0.990
26	18	5.300	4.611	0.87	0.901	5.150	4.481	0.87	0.951	4.975	4.328	0.87	1.018
26	20	5.700	4.275	0.75	0.929	5.575	4.181	0.75	0.973	5.425	4.069	0.75	1.040
26	22	6.075	3.827	0.63	0.951	5.950	3.749	0.63	1.006	5.800	3.654	0.63	1.073
27	16	4.950	4.950	1.00	0.885	4.800	4.800	1.00	0.935	4.650	4.650	1.00	0.990
27	18	5.300	4.823	0.91	0.901	5.150	4.687	0.91	0.951	4.975	4.527	0.91	1.018
27	20	5.700	4.503	0.79	0.929	5.575	4.404	0.79	0.973	5.425	4.286	0.79	1.040
27	22	6.075	4.070	0.67	0.951	5.950	3.987	0.67	1.006	5.800	3.886	0.67	1.073
28	16	4.950	4.950	1.00	0.885	4.800	4.800	1.00	0.935	4.650	4.650	1.00	0.990
28	18	5.300	5.035	0.95	0.901	5.150	4.893	0.95	0.951	4.975	4.726	0.95	1.018
28	20	5.700	4.731	0.83	0.929	5.575	4.627	0.83	0.973	5.425	4.503	0.83	1.040
28	22	6.075	4.313	0.71	0.951	5.950	4.225	0.71	1.006	5.800	4.118	0.71	1.073
30	16	4.950	4.950	1.00	0.885	4.800	4.800	1.00	0.935	4.650	4.650	1.00	0.990
30	18	5.300	5.300	1.00	0.901	5.150	5.150	1.00	0.951	4.975	4.975	1.00	1.018
30	20	5.700	5.187	0.91	0.929	5.575	5.073	0.91	0.973	5.425	4.937	0.91	1.040
30	22	6.075	4.799	0.79	0.951	5.950	4.701	0.79	1.006	5.800	4.582	0.79	1.073
32	16	4.950	4.950	1.00	0.885	4.800	4.800	1.00	0.935	4.650	4.650	1.00	0.990
32	18	5.300	5.300	1.00	0.901	5.150	5.150	1.00	0.951	4.975	4.975	1.00	1.018
32	20	5.700	5.643	0.99	0.929	5.575	5.519	0.99	0.973	5.425	5.371	0.99	1.040
32	22	6.075	5.285	0.87	0.951	5.950	5.177	0.87	1.006	5.800	5.046	0.87	1.073
34	16	4.950	4.950	1.00	0.885	4.800	4.800	1.00	0.935	4.650	4.650	1.00	0.990
34	18	5.300	5.300	1.00	0.901	5.150	5.150	1.00	0.951	4.975	4.975	1.00	1.018
34	20	5.700	5.700	1.00	0.929	5.575	5.575	1.00	0.973	5.425	5.425	1.00	1.040
34	22	6.075	5.771	0.95	0.951	5.950	5.653	0.95	1.006	5.800	5.510	0.95	1.073

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.505	3.505	1.00	1.046	3.399	3.399	1.00	1.134	3.311	3.311	1.00	1.221
14	8	3.540	3.540	1.00	1.048	3.424	3.424	1.00	1.136	3.330	3.330	1.00	1.223
14	9	3.688	3.393	0.92	1.056	3.562	3.277	0.92	1.147	3.457	3.180	0.92	1.236
16	8	3.655	3.655	1.00	1.055	3.546	3.546	1.00	1.145	3.455	3.455	1.00	1.235
16	9	3.715	3.641	0.98	1.058	3.589	3.517	0.98	1.148	3.488	3.418	0.98	1.238
16	11	3.886	3.497	0.90	1.067	3.754	3.379	0.90	1.160	3.643	3.279	0.90	1.252
18	10	3.807	3.807	1.00	1.063	3.695	3.695	1.00	1.156	3.601	3.601	1.00	1.248
18	11	3.901	3.784	0.97	1.067	3.769	3.656	0.97	1.161	3.658	3.548	0.97	1.254
18	12	4.094	3.603	0.88	1.076	3.956	3.481	0.88	1.173	3.838	3.377	0.88	1.268
20	16	4.450	3.338	0.75	1.062	4.250	3.188	0.75	1.139	4.050	3.038	0.75	1.233
20	18	4.800	3.024	0.63	1.089	4.650	2.930	0.63	1.172	4.350	2.741	0.63	1.261
20	20	5.200	2.652	0.51	1.117	5.000	2.550	0.51	1.194	4.700	2.397	0.51	1.283
22	16	4.450	3.694	0.83	1.062	4.250	3.528	0.83	1.139	4.050	3.362	0.83	1.233
22	18	4.800	3.408	0.71	1.089	4.650	3.302	0.71	1.172	4.350	3.089	0.71	1.261
22	20	5.200	3.068	0.59	1.117	5.000	2.950	0.59	1.194	4.700	2.773	0.59	1.283
24	16	4.450	4.050	0.91	1.062	4.250	3.868	0.91	1.139	4.050	3.686	0.91	1.233
24	18	4.800	3.792	0.79	1.089	4.650	3.674	0.79	1.172	4.350	3.437	0.79	1.261
24	20	5.200	3.484	0.67	1.117	5.000	3.350	0.67	1.194	4.700	3.149	0.67	1.283
24	22	5.600	3.080	0.55	1.139	5.400	2.970	0.55	1.228	5.100	2.805	0.55	1.305
26	16	4.450	4.406	0.99	1.062	4.250	4.208	0.99	1.139	4.050	4.010	0.99	1.233
26	18	4.800	4.176	0.87	1.089	4.650	4.046	0.87	1.172	4.350	3.785	0.87	1.261
26	20	5.200	3.900	0.75	1.117	5.000	3.750	0.75	1.194	4.700	3.525	0.75	1.283
26	22	5.600	3.528	0.63	1.139	5.400	3.402	0.63	1.228	5.100	3.213	0.63	1.305
27	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
27	18	4.800	4.368	0.91	1.089	4.650	4.232	0.91	1.172	4.350	3.959	0.91	1.261
27	20	5.200	4.108	0.79	1.117	5.000	3.950	0.79	1.194	4.700	3.713	0.79	1.283
27	22	5.600	3.752	0.67	1.139	5.400	3.618	0.67	1.228	5.100	3.417	0.67	1.305
28	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
28	18	4.800	4.560	0.95	1.089	4.650	4.418	0.95	1.172	4.350	4.133	0.95	1.261
28	20	5.200	4.316	0.83	1.117	5.000	4.150	0.83	1.194	4.700	3.901	0.83	1.283
28	22	5.600	3.976	0.71	1.139	5.400	3.834	0.71	1.228	5.100	3.621	0.71	1.305
30	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
30	18	4.800	4.800	1.00	1.089	4.650	4.650	1.00	1.172	4.350	4.350	1.00	1.261
30	20	5.200	4.732	0.91	1.117	5.000	4.550	0.91	1.194	4.700	4.277	0.91	1.283
30	22	5.600	4.424	0.79	1.139	5.400	4.266	0.79	1.228	5.100	4.029	0.79	1.305
32	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
32	18	4.800	4.800	1.00	1.089	4.650	4.650	1.00	1.172	4.350	4.350	1.00	1.261
32	20	5.200	5.148	0.99	1.117	5.000	4.950	0.99	1.194	4.700	4.653	0.99	1.283
32	22	5.600	4.872	0.87	1.139	5.400	4.698	0.87	1.228	5.100	4.437	0.87	1.305
34	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
34	18	4.800	4.800	1.00	1.089	4.650	4.650	1.00	1.172	4.350	4.350	1.00	1.261
34	20	5.200	5.200	1.00	1.117	5.000	5.000	1.00	1.194	4.700	4.700	1.00	1.283
34	22	5.600	5.320	0.95	1.139	5.400	5.130	0.95	1.228	5.100			

**COOLING CAPACITY
PLA-ZM60EA2 / PUZ-ZM60VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.567	0.99	1.065	4.505	4.460	0.99	1.163	4.397	4.353	0.99	1.261
14	8	4.711	4.334	0.92	1.064	4.585	4.218	0.92	1.164	4.459	4.102	0.92	1.264
14	9	4.906	4.121	0.84	1.062	4.775	4.011	0.84	1.167	4.644	3.901	0.84	1.271
16	8	4.806	4.758	0.99	1.063	4.695	4.648	0.99	1.166	4.583	4.537	0.99	1.269
16	9	4.942	4.448	0.90	1.062	4.810	4.329	0.90	1.167	4.678	4.210	0.90	1.272
16	11	5.189	4.239	0.82	1.059	5.031	4.125	0.82	1.170	4.892	4.011	0.82	1.280
18	10	5.005	4.905	0.98	1.061	4.888	4.790	0.98	1.169	4.771	4.676	0.98	1.276
18	11	5.189	4.618	0.89	1.060	5.049	4.494	0.89	1.170	4.910	4.370	0.89	1.281
18	12	5.448	4.358	0.80	1.056	5.300	4.240	0.80	1.172	5.153	4.122	0.80	1.288
20	16	6.039	4.046	0.67	1.162	5.856	3.924	0.67	1.227	5.673	3.801	0.67	1.300
20	18	6.466	3.556	0.55	1.183	6.283	3.456	0.55	1.249	6.070	3.339	0.55	1.336
20	20	6.954	2.990	0.43	1.220	6.802	2.925	0.43	1.278	6.619	2.846	0.43	1.365
22	16	6.039	4.529	0.75	1.162	5.856	4.392	0.75	1.227	5.673	4.255	0.75	1.300
22	18	6.466	4.074	0.63	1.183	6.283	3.958	0.63	1.249	6.070	3.824	0.63	1.336
22	20	6.954	3.547	0.51	1.220	6.802	3.469	0.51	1.278	6.619	3.376	0.51	1.365
24	16	6.039	5.012	0.83	1.162	5.856	4.860	0.83	1.227	5.673	4.709	0.83	1.300
24	18	6.466	4.591	0.71	1.183	6.283	4.461	0.71	1.249	6.070	4.310	0.71	1.336
24	20	6.954	4.103	0.59	1.220	6.802	4.013	0.59	1.278	6.619	3.905	0.59	1.365
24	22	7.412	3.484	0.47	1.249	7.259	3.412	0.47	1.321	7.076	3.326	0.47	1.408
26	16	6.039	5.495	0.91	1.162	5.856	5.329	0.91	1.227	5.673	5.162	0.91	1.300
26	18	6.466	5.108	0.79	1.183	6.283	4.964	0.79	1.249	6.070	4.795	0.79	1.336
26	20	6.954	4.659	0.67	1.220	6.802	4.557	0.67	1.278	6.619	4.435	0.67	1.365
26	22	7.412	4.077	0.55	1.249	7.259	3.992	0.55	1.321	7.076	3.892	0.55	1.408
27	16	6.039	5.737	0.95	1.162	5.856	5.563	0.95	1.227	5.673	5.389	0.95	1.300
27	18	6.466	5.367	0.83	1.183	6.283	5.215	0.83	1.249	6.070	5.038	0.83	1.336
27	20	6.954	4.937	0.71	1.220	6.802	4.829	0.71	1.278	6.619	4.699	0.71	1.365
27	22	7.412	4.373	0.59	1.249	7.259	4.283	0.59	1.321	7.076	4.175	0.59	1.408
28	16	6.039	5.979	0.99	1.162	5.856	5.797	0.99	1.227	5.673	5.616	0.99	1.300
28	18	6.466	5.625	0.87	1.183	6.283	5.466	0.87	1.249	6.070	5.281	0.87	1.336
28	20	6.954	5.216	0.75	1.220	6.802	5.102	0.75	1.278	6.619	4.964	0.75	1.365
28	22	7.412	4.670	0.63	1.249	7.259	4.573	0.63	1.321	7.076	4.458	0.63	1.408
30	16	6.039	6.039	1.00	1.162	5.856	5.856	1.00	1.227	5.673	5.673	1.00	1.300
30	18	6.466	6.143	0.95	1.183	6.283	5.969	0.95	1.249	6.070	5.767	0.95	1.336
30	20	6.954	5.772	0.83	1.220	6.802	5.646	0.83	1.278	6.619	5.494	0.83	1.365
30	22	7.412	5.263	0.71	1.249	7.259	5.154	0.71	1.321	7.076	5.024	0.71	1.408
32	16	6.039	6.039	1.00	1.162	5.856	5.856	1.00	1.227	5.673	5.673	1.00	1.300
32	18	6.466	6.466	1.00	1.183	6.283	6.283	1.00	1.249	6.070	6.070	1.00	1.336
32	20	6.954	6.328	0.91	1.220	6.802	6.190	0.91	1.278	6.619	6.023	0.91	1.365
32	22	7.412	5.855	0.79	1.249	7.259	5.735	0.79	1.321	7.076	5.590	0.79	1.408
34	16	6.039	6.039	1.00	1.162	5.856	5.856	1.00	1.227	5.673	5.673	1.00	1.300
34	18	6.466	6.466	1.00	1.183	6.283	6.283	1.00	1.249	6.070	6.070	1.00	1.336
34	20	6.954	6.884	0.99	1.220	6.802	6.734	0.99	1.278	6.619	6.553	0.99	1.365
34	22	7.412	6.448	0.87	1.249	7.259	6.315	0.87	1.321	7.076	6.156	0.87	1.408

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.234	0.99	1.373	4.147	4.106	0.99	1.489	4.040	4.000	0.99	1.604
14	8	4.319	3.973	0.92	1.376	4.177	3.843	0.92	1.492	4.063	3.738	0.92	1.606
14	9	4.499	3.779	0.84	1.387	4.345	3.650	0.84	1.505	4.218	3.543	0.84	1.622
16	8	4.459	4.414	0.99	1.384	4.326	4.283	0.99	1.504	4.215	4.173	0.99	1.622
16	9	4.533	4.080	0.90	1.389	4.379	3.941	0.90	1.508	4.256	3.830	0.90	1.626
16	11	4.741	3.888	0.82	1.400	4.580	3.756	0.82	1.523	4.445	3.645	0.82	1.644
18	10	4.645	4.552	0.98	1.395	4.508	4.418	0.98	1.518	4.394	4.306	0.98	1.639
18	11	4.760	4.236	0.89	1.401	4.598	4.092	0.89	1.524	4.463	3.972	0.89	1.646
18	12	4.995	3.996	0.80	1.413	4.826	3.861	0.80	1.540	4.682	3.746	0.80	1.665
20	16	5.429	3.637	0.67	1.394	5.185	3.474	0.67	1.496	4.941	3.310	0.67	1.619
20	18	5.856	3.221	0.55	1.430	5.673	3.120	0.55	1.539	5.307	2.919	0.55	1.655
20	20	6.344	2.728	0.43	1.467	6.100	2.623	0.43	1.568	5.734	2.466	0.43	1.684
22	16	5.429	4.072	0.75	1.394	5.185	3.889	0.75	1.496	4.941	3.706	0.75	1.619
22	18	5.856	3.689	0.63	1.430	5.673	3.574	0.63	1.539	5.307	3.343	0.63	1.655
22	20	6.344	3.235	0.51	1.467	6.100	3.111	0.51	1.568	5.734	2.924	0.51	1.684
24	16	5.429	4.506	0.83	1.394	5.185	4.304	0.83	1.496	4.941	4.101	0.83	1.619
24	18	5.856	4.158	0.71	1.430	5.673	4.028	0.71	1.539	5.307	3.768	0.71	1.655
24	20	6.344	3.743	0.59	1.467	6.100	3.599	0.59	1.568	5.734	3.383	0.59	1.684
24	22	6.832	3.211	0.47	1.496	6.588	3.096	0.47	1.612	6.222	2.924	0.47	1.713
26	16	5.429	4.940	0.91	1.394	5.185	4.718	0.91	1.496	4.941	4.496	0.91	1.619
26	18	5.856	4.626	0.79	1.430	5.673	4.482	0.79	1.539	5.307	4.193	0.79	1.655
26	20	6.344	4.250	0.67	1.467	6.100	4.087	0.67	1.568	5.734	3.842	0.67	1.684
26	22	6.832	3.758	0.55	1.496	6.588	3.623	0.55	1.612	6.222	3.422	0.55	1.713
27	16	5.429	5.158	0.95	1.394	5.185	4.926	0.95	1.496	4.941	4.694	0.95	1.619
27	18	5.856	4.860	0.83	1.430	5.673	4.709	0.83	1.539	5.307	4.405	0.83	1.655
27	20	6.344	4.504	0.71	1.467	6.100	4.331	0.71	1.568	5.734	4.071	0.71	1.684
27	22	6.832	4.031	0.59	1.496	6.588	3.887	0.59	1.612	6.222	3.671	0.59	1.713
28	16	5.429	5.375	0.99	1.394	5.185	5.133	0.99	1.496	4.941	4.892	0.99	1.619
28	18	5.856	5.095	0.87	1.430	5.673	4.936	0.87	1.539	5.307	4.617	0.87	1.655
28	20	6.344	4.758	0.75	1.467	6.100	4.575	0.75	1.568	5.734	4.301	0.75	1.684
28	22	6.832	4.304	0.63	1.496	6.588	4.150	0.63	1.612	6.222	3.920	0.63	1.713
30	16	5.429	5.429	1.00	1.394	5.185	5.185	1.00	1.496	4.941	4.941	1.00	1.619
30	18	5.856	5.563	0.95	1.430	5.673	5.389	0.95	1.539	5.307	5.042	0.95	1.655
30	20	6.344	5.266	0.83	1.467	6.100	5.063	0.83	1.568	5.734	4.759	0.83	1.684
30	22	6.832	4.851	0.71	1.496	6.588	4.677	0.71	1.612	6.222	4.418	0.71	1.713
32	16	5.429	5.429	1.00	1.394	5.185	5.185	1.00	1.496	4.941	4.941	1.00	1.619
32	18	5.856	5.856	1.00	1.430	5.673	5.673	1.00	1.539	5.307	5.307	1.00	1.655
32	20	6.344	5.773	0.91	1.467	6.100	5.551	0.91	1.568	5.734	5.218	0.91	1.684
32	22	6.832	5.397	0.79	1.496	6.588	5.205	0.79	1.612	6.222	4.915	0.79	1.713
34	16	5.429	5.429	1.00	1.394	5.185	5.185	1.00	1.496	4.941	4.941	1.00	1.619
34	18	5.856	5.856	1.00	1.430	5.673	5.673	1.00	1.539	5.307	5.307	1.00	1.655
34	20	6.344	6.281	0.99	1.467	6.100	6.039	0.99	1.568	5.734	5.677	0.99	1.684
34	22	6.832	5.944	0.87	1.496	6.588	5.732	0.87	1.612				

COOLING CAPACITY
PLA-ZM71EA2 / PUZ-ZM71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.047	0.94	1.210	5.244	4.929	0.94	1.322	5.118	4.811	0.94	1.434
14	8	5.483	4.770	0.87	1.210	5.337	4.643	0.87	1.324	5.190	4.515	0.87	1.437
14	9	5.710	4.511	0.79	1.208	5.558	4.391	0.79	1.327	5.405	4.270	0.79	1.445
16	8	5.594	5.258	0.94	1.208	5.464	5.136	0.94	1.326	5.335	5.015	0.94	1.443
16	9	5.752	4.889	0.85	1.207	5.598	4.758	0.85	1.327	5.445	4.628	0.85	1.447
16	11	6.016	4.632	0.77	1.204	5.855	4.508	0.77	1.330	5.694	4.384	0.77	1.456
18	10	5.825	5.417	0.93	1.206	5.689	5.291	0.93	1.329	5.554	5.165	0.93	1.451
18	11	6.039	5.073	0.84	1.205	5.877	4.937	0.84	1.331	5.715	4.801	0.84	1.456
18	12	6.341	4.756	0.75	1.201	6.169	4.627	0.75	1.333	5.997	4.498	0.75	1.465
20	16	7.029	4.358	0.62	1.321	6.816	4.226	0.62	1.395	6.603	4.094	0.62	1.478
20	18	7.526	3.763	0.50	1.346	7.313	3.657	0.50	1.420	7.065	3.533	0.50	1.519
20	20	8.094	3.076	0.38	1.387	7.917	3.008	0.38	1.453	7.704	2.928	0.38	1.552
22	16	7.029	4.920	0.70	1.321	6.816	4.771	0.70	1.395	6.603	4.622	0.70	1.478
22	18	7.526	4.365	0.58	1.346	7.313	4.242	0.58	1.420	7.065	4.098	0.58	1.519
22	20	8.094	3.723	0.46	1.387	7.917	3.642	0.46	1.453	7.704	3.544	0.46	1.552
24	16	7.029	5.483	0.78	1.321	6.816	5.316	0.78	1.395	6.603	5.150	0.78	1.478
24	18	7.526	4.967	0.66	1.346	7.313	4.827	0.66	1.420	7.065	4.663	0.66	1.519
24	20	8.094	4.371	0.54	1.387	7.917	4.275	0.54	1.453	7.704	4.160	0.54	1.552
24	22	8.627	3.623	0.42	1.420	8.449	3.549	0.42	1.502	8.236	3.459	0.42	1.601
26	16	7.029	6.045	0.86	1.321	6.816	5.862	0.86	1.395	6.603	5.679	0.86	1.478
26	18	7.526	5.569	0.74	1.346	7.313	5.412	0.74	1.420	7.065	5.228	0.74	1.519
26	20	8.094	5.018	0.62	1.387	7.917	4.909	0.62	1.453	7.704	4.776	0.62	1.552
26	22	8.627	4.314	0.50	1.420	8.449	4.225	0.50	1.502	8.236	4.118	0.50	1.601
27	16	7.029	6.326	0.90	1.321	6.816	6.134	0.90	1.395	6.603	5.943	0.90	1.478
27	18	7.526	5.870	0.78	1.346	7.313	5.704	0.78	1.420	7.065	5.511	0.78	1.519
27	20	8.094	5.342	0.66	1.387	7.917	5.225	0.66	1.453	7.704	5.085	0.66	1.552
27	22	8.627	4.659	0.54	1.420	8.449	4.562	0.54	1.502	8.236	4.447	0.54	1.601
28	16	7.029	6.607	0.94	1.321	6.816	6.407	0.94	1.395	6.603	6.207	0.94	1.478
28	18	7.526	6.171	0.82	1.346	7.313	5.997	0.82	1.420	7.065	5.793	0.82	1.519
28	20	8.094	5.666	0.70	1.387	7.917	5.542	0.70	1.453	7.704	5.393	0.70	1.552
28	22	8.627	5.004	0.58	1.420	8.449	4.900	0.58	1.502	8.236	4.777	0.58	1.601
30	16	7.029	7.029	1.00	1.321	6.816	6.816	1.00	1.395	6.603	6.603	1.00	1.478
30	18	7.526	6.773	0.90	1.346	7.313	6.582	0.90	1.420	7.065	6.359	0.90	1.519
30	20	8.094	6.313	0.78	1.387	7.917	6.175	0.78	1.453	7.704	6.009	0.78	1.552
30	22	8.627	5.694	0.66	1.420	8.449	5.576	0.66	1.502	8.236	5.436	0.66	1.601
32	16	7.029	7.029	1.00	1.321	6.816	6.816	1.00	1.395	6.603	6.603	1.00	1.478
32	18	7.526	7.375	0.98	1.346	7.313	7.167	0.98	1.420	7.065	6.924	0.98	1.519
32	20	8.094	6.961	0.86	1.387	7.917	6.809	0.86	1.453	7.704	6.625	0.86	1.552
32	22	8.627	6.384	0.74	1.420	8.449	6.252	0.74	1.502	8.236	6.095	0.74	1.601
34	16	7.029	7.029	1.00	1.321	6.816	6.816	1.00	1.395	6.603	6.603	1.00	1.478
34	18	7.526	7.526	1.00	1.346	7.313	7.313	1.00	1.420	7.065	7.065	1.00	1.519
34	20	8.094	7.608	0.94	1.387	7.917	7.442	0.94	1.453	7.704	7.242	0.94	1.552
34	22	8.627	7.074	0.82	1.420	8.449	6.928	0.82	1.502	8.236	6.754	0.82	1.601

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.679	0.94	1.561	4.827	4.537	0.94	1.693	4.702	4.420	0.94	1.823
14	8	5.027	4.373	0.87	1.564	4.862	4.230	0.87	1.696	4.729	4.114	0.87	1.826
14	9	5.237	4.137	0.79	1.577	5.057	3.995	0.79	1.712	4.909	3.878	0.79	1.844
16	8	5.190	4.879	0.94	1.574	5.035	4.733	0.94	1.710	4.906	4.612	0.94	1.844
16	9	5.276	4.485	0.85	1.579	5.096	4.332	0.85	1.714	4.953	4.210	0.85	1.849
16	11	5.519	4.250	0.77	1.592	5.331	4.105	0.77	1.732	5.173	3.983	0.77	1.869
18	10	5.406	5.028	0.93	1.586	5.247	4.880	0.93	1.726	5.114	4.756	0.93	1.864
18	11	5.540	4.654	0.84	1.593	5.352	4.496	0.84	1.733	5.194	4.363	0.84	1.871
18	12	5.814	4.361	0.75	1.607	5.618	4.214	0.75	1.751	5.450	4.088	0.75	1.893
20	16	6.319	3.918	0.62	1.585	6.035	3.742	0.62	1.701	5.751	3.566	0.62	1.841
20	18	6.816	3.408	0.50	1.626	6.603	3.302	0.50	1.750	6.177	3.089	0.50	1.882
20	20	7.384	2.806	0.38	1.668	7.100	2.698	0.38	1.783	6.674	2.536	0.38	1.915
22	16	6.319	4.423	0.70	1.585	6.035	4.225	0.70	1.701	5.751	4.026	0.70	1.841
22	18	6.816	3.953	0.58	1.626	6.603	3.830	0.58	1.750	6.177	3.583	0.58	1.882
22	20	7.384	3.397	0.46	1.668	7.100	3.266	0.46	1.783	6.674	3.070	0.46	1.915
24	16	6.319	4.929	0.78	1.585	6.035	4.707	0.78	1.701	5.751	4.486	0.78	1.841
24	18	6.816	4.499	0.66	1.626	6.603	4.358	0.66	1.750	6.177	4.077	0.66	1.882
24	20	7.384	3.987	0.54	1.668	7.100	3.834	0.54	1.783	6.674	3.604	0.54	1.915
24	22	7.952	3.340	0.42	1.701	7.668	3.221	0.42	1.833	7.242	3.042	0.42	1.948
26	16	6.319	5.434	0.86	1.585	6.035	5.190	0.86	1.701	5.751	4.946	0.86	1.841
26	18	6.816	5.044	0.74	1.626	6.603	4.886	0.74	1.750	6.177	4.571	0.74	1.882
26	20	7.384	4.578	0.62	1.668	7.100	4.402	0.62	1.783	6.674	4.138	0.62	1.915
26	22	7.952	3.976	0.50	1.701	7.668	3.834	0.50	1.833	7.242	3.621	0.50	1.948
27	16	6.319	5.687	0.90	1.585	6.035	5.432	0.90	1.701	5.751	5.176	0.90	1.841
27	18	6.816	5.316	0.78	1.626	6.603	5.150	0.78	1.750	6.177	4.818	0.78	1.882
27	20	7.384	4.873	0.66	1.668	7.100	4.686	0.66	1.783	6.674	4.405	0.66	1.915
27	22	7.952	4.294	0.54	1.701	7.668	4.141	0.54	1.833	7.242	3.911	0.54	1.948
28	16	6.319	5.940	0.94	1.585	6.035	5.673	0.94	1.701	5.751	5.406	0.94	1.841
28	18	6.816	5.589	0.82	1.626	6.603	5.414	0.82	1.750	6.177	5.065	0.82	1.882
28	20	7.384	5.169	0.70	1.668	7.100	4.970	0.70	1.783	6.674	4.672	0.70	1.915
28	22	7.952	4.612	0.58	1.701	7.668	4.447	0.58	1.833	7.242	4.200	0.58	1.948
30	16	6.319	6.319	1.00	1.585	6.035	6.035	1.00	1.701	5.751	5.751	1.00	1.841
30	18	6.816	6.134	0.90	1.626	6.603	5.943	0.90	1.750	6.177	5.559	0.90	1.882
30	20	7.384	5.760	0.78	1.668	7.100	5.538	0.78	1.783	6.674	5.206	0.78	1.915
30	22	7.952	5.248	0.66	1.701	7.668	5.061	0.66	1.833	7.242	4.780	0.66	1.948
32	16	6.319	6.319	1.00	1.585	6.035	6.035	1.00	1.701	5.751	5.751	1.00	1.841
32	18	6.816	6.680	0.98	1.626	6.603	6.471	0.98	1.750	6.177	6.053	0.98	1.882
32	20	7.384	6.350	0.86	1.668	7.100	6.106	0.86	1.783	6.674	5.740	0.86	1.915
32	22	7.952	5.884	0.74	1.701	7.668	5.674	0.74	1.833	7.242	5.359	0.74	1.948
34	16	6.319	6.319	1.00	1.585	6.035	6.035	1.00	1.701	5.751	5.751	1.00	1.841
34	18	6.816	6.816	1.00	1.626	6.603	6.603	1.00	1.750	6.177	6.177	1.00	1.882
34	20	7.384	6.941	0.94	1.668	7.100	6.674	0.94	1.783	6.674	6.274	0.94	1.915
34	22	7.952	6.521	0.82	1.701	7.668	6.288	0.82	1.833	7.242			

COOLING CAPACITY
PLA-ZM100EA2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	1.583	7.016	6.946	0.99	1.729	6.848	6.789	0.99	1.875
14	8	7.337	6.750	0.92	1.582	7.141	6.570	0.92	1.731	6.945	6.389	0.92	1.880
14	9	7.641	6.418	0.84	1.580	7.436	6.246	0.84	1.735	7.232	6.075	0.84	1.890
16	8	7.485	7.410	0.99	1.580	7.311	7.238	0.99	1.734	7.138	7.067	0.99	1.887
16	9	7.696	6.926	0.90	1.579	7.491	6.742	0.90	1.736	7.286	6.557	0.90	1.892
16	11	8.050	6.601	0.82	1.575	7.834	6.424	0.82	1.739	7.619	6.248	0.82	1.904
18	10	7.794	7.638	0.98	1.578	7.613	7.461	0.98	1.738	7.431	7.282	0.98	1.897
18	11	8.080	7.191	0.89	1.576	7.864	6.999	0.89	1.740	7.647	6.806	0.89	1.905
18	12	8.485	6.788	0.80	1.570	8.255	6.604	0.80	1.743	8.024	6.419	0.80	1.915
20	16	9.405	6.301	0.67	1.727	9.120	6.110	0.67	1.824	8.835	5.919	0.67	1.932
20	18	10.070	5.539	0.55	1.760	9.785	5.382	0.55	1.857	9.453	5.199	0.55	1.986
20	20	10.830	4.657	0.43	1.814	10.593	4.555	0.43	1.900	10.308	4.432	0.43	2.029
22	16	9.405	7.054	0.75	1.727	9.120	6.840	0.75	1.824	8.835	6.626	0.75	1.932
22	18	10.070	6.344	0.63	1.760	9.785	6.165	0.63	1.857	9.453	5.955	0.63	1.986
22	20	10.830	5.523	0.51	1.814	10.593	5.402	0.51	1.900	10.308	5.257	0.51	2.029
24	16	9.405	7.806	0.83	1.727	9.120	7.570	0.83	1.824	8.835	7.333	0.83	1.932
24	18	10.070	7.150	0.71	1.760	9.785	6.947	0.71	1.857	9.453	6.712	0.71	1.986
24	20	10.830	6.390	0.59	1.814	10.593	6.250	0.59	1.900	10.308	6.082	0.59	2.029
24	22	11.543	5.425	0.47	1.857	11.305	5.313	0.47	1.965	11.020	5.179	0.47	2.094
26	16	9.405	8.559	0.91	1.727	9.120	8.299	0.91	1.824	8.835	8.040	0.91	1.932
26	18	10.070	7.955	0.79	1.760	9.785	7.730	0.79	1.857	9.453	7.468	0.79	1.986
26	20	10.830	7.256	0.67	1.814	10.593	7.097	0.67	1.900	10.308	6.906	0.67	2.029
26	22	11.543	6.349	0.55	1.857	11.305	6.218	0.55	1.965	11.020	6.061	0.55	2.094
27	16	9.405	8.935	0.95	1.727	9.120	8.664	0.95	1.824	8.835	8.393	0.95	1.932
27	18	10.070	8.358	0.83	1.760	9.785	8.122	0.83	1.857	9.453	7.846	0.83	1.986
27	20	10.830	7.689	0.71	1.814	10.593	7.521	0.71	1.900	10.308	7.319	0.71	2.029
27	22	11.543	6.810	0.59	1.857	11.305	6.670	0.59	1.965	11.020	6.502	0.59	2.094
28	16	9.405	9.311	0.99	1.727	9.120	9.029	0.99	1.824	8.835	8.747	0.99	1.932
28	18	10.070	8.761	0.87	1.760	9.785	8.513	0.87	1.857	9.453	8.224	0.87	1.986
28	20	10.830	8.123	0.75	1.814	10.593	7.945	0.75	1.900	10.308	7.731	0.75	2.029
28	22	11.543	7.272	0.63	1.857	11.305	7.122	0.63	1.965	11.020	6.943	0.63	2.094
30	16	9.405	9.405	1.00	1.727	9.120	9.120	1.00	1.824	8.835	8.835	1.00	1.932
30	18	10.070	9.567	0.95	1.760	9.785	9.296	0.95	1.857	9.453	8.980	0.95	1.986
30	20	10.830	8.989	0.83	1.814	10.593	8.792	0.83	1.900	10.308	8.556	0.83	2.029
30	22	11.543	8.196	0.71	1.857	11.305	8.027	0.71	1.965	11.020	7.824	0.71	2.094
32	16	9.405	9.405	1.00	1.727	9.120	9.120	1.00	1.824	8.835	8.835	1.00	1.932
32	18	10.070	10.070	1.00	1.760	9.785	9.785	1.00	1.857	9.453	9.453	1.00	1.986
32	20	10.830	9.855	0.91	1.814	10.593	9.640	0.91	1.900	10.308	9.380	0.91	2.029
32	22	11.543	9.119	0.79	1.857	11.305	8.931	0.79	1.965	11.020	8.706	0.79	2.094
34	16	9.405	9.405	1.00	1.727	9.120	9.120	1.00	1.824	8.835	8.835	1.00	1.932
34	18	10.070	10.070	1.00	1.760	9.785	9.785	1.00	1.857	9.453	9.453	1.00	1.986
34	20	10.830	10.722	0.99	1.814	10.593	10.487	0.99	1.900	10.308	10.205	0.99	2.029
34	22	11.543	10.042	0.87	1.857	11.305	9.835	0.87	1.965	11.020	9.587	0.87	2.094

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.041	6.458	6.393	0.99	2.214	6.291	6.228	0.99	2.384
14	8	6.727	6.189	0.92	2.045	6.505	5.985	0.92	2.218	6.328	5.822	0.92	2.388
14	9	7.007	5.886	0.84	2.062	6.767	5.684	0.84	2.238	6.569	5.518	0.84	2.412
16	8	6.945	6.876	0.99	2.059	6.737	6.670	0.99	2.236	6.565	6.499	0.99	2.411
16	9	7.059	6.353	0.90	2.065	6.819	6.137	0.90	2.242	6.628	5.965	0.90	2.417
16	11	7.384	6.055	0.82	2.082	7.133	5.849	0.82	2.265	6.922	5.676	0.82	2.444
18	10	7.233	7.088	0.98	2.074	7.021	6.881	0.98	2.257	6.843	6.706	0.98	2.437
18	11	7.413	6.598	0.89	2.084	7.161	6.373	0.89	2.266	6.950	6.186	0.89	2.447
18	12	7.779	6.223	0.80	2.101	7.516	6.013	0.80	2.290	7.292	5.834	0.80	2.476
20	16	8.455	5.665	0.67	2.073	8.075	5.410	0.67	2.224	7.695	5.156	0.67	2.407
20	18	9.120	5.016	0.55	2.127	8.835	4.859	0.55	2.289	8.265	4.546	0.55	2.461
20	20	9.880	4.248	0.43	2.181	9.500	4.085	0.43	2.332	8.930	3.840	0.43	2.504
22	16	8.455	6.341	0.75	2.073	8.075	6.056	0.75	2.224	7.695	5.771	0.75	2.407
22	18	9.120	5.746	0.63	2.127	8.835	5.566	0.63	2.289	8.265	5.207	0.63	2.461
22	20	9.880	5.039	0.51	2.181	9.500	4.845	0.51	2.332	8.930	4.554	0.51	2.504
24	16	8.455	7.018	0.83	2.073	8.075	6.702	0.83	2.224	7.695	6.387	0.83	2.407
24	18	9.120	6.475	0.71	2.127	8.835	6.273	0.71	2.289	8.265	5.868	0.71	2.461
24	20	9.880	5.829	0.59	2.181	9.500	5.605	0.59	2.332	8.930	5.269	0.59	2.504
24	22	10.640	5.001	0.47	2.224	10.260	4.822	0.47	2.396	9.690	4.554	0.47	2.548
26	16	8.455	7.694	0.91	2.073	8.075	7.348	0.91	2.224	7.695	7.002	0.91	2.407
26	18	9.120	7.205	0.79	2.127	8.835	6.980	0.79	2.289	8.265	6.529	0.79	2.461
26	20	9.880	6.620	0.67	2.181	9.500	6.365	0.67	2.332	8.930	5.983	0.67	2.504
26	22	10.640	5.852	0.55	2.224	10.260	5.643	0.55	2.396	9.690	5.330	0.55	2.548
27	16	8.455	8.032	0.95	2.073	8.075	7.671	0.95	2.224	7.695	7.310	0.95	2.407
27	18	9.120	7.570	0.83	2.127	8.835	7.333	0.83	2.289	8.265	6.860	0.83	2.461
27	20	9.880	7.015	0.71	2.181	9.500	6.745	0.71	2.332	8.930	6.340	0.71	2.504
27	22	10.640	6.278	0.59	2.224	10.260	6.053	0.59	2.396	9.690	5.717	0.59	2.548
28	16	8.455	8.370	0.99	2.073	8.075	7.994	0.99	2.224	7.695	7.618	0.99	2.407
28	18	9.120	7.934	0.87	2.127	8.835	7.686	0.87	2.289	8.265	7.191	0.87	2.461
28	20	9.880	7.410	0.75	2.181	9.500	7.125	0.75	2.332	8.930	6.698	0.75	2.504
28	22	10.640	6.703	0.63	2.224	10.260	6.464	0.63	2.396	9.690	6.105	0.63	2.548
30	16	8.455	8.455	1.00	2.073	8.075	8.075	1.00	2.224	7.695	7.695	1.00	2.407
30	18	9.120	8.664	0.95	2.127	8.835	8.393	0.95	2.289	8.265	7.852	0.95	2.461
30	20	9.880	8.200	0.83	2.181	9.500	7.885	0.83	2.332	8.930	7.412	0.83	2.504
30	22	10.640	7.554	0.71	2.224	10.260	7.285	0.71	2.396	9.690	6.880	0.71	2.548
32	16	8.455	8.455	1.00	2.073	8.075	8.075	1.00	2.224	7.695	7.695	1.00	2.407
32	18	9.120	9.120	1.00	2.127	8.835	8.835	1.00	2.289	8.265	8.265	1.00	2.461
32	20	9.880	8.991	0.91	2.181	9.500	8.645	0.91	2.332	8.930	8.126	0.91	2.504
32	22	10.640	8.406	0.79	2.224	10.260	8.105	0.79	2.396	9.690	7.655	0.79	2.548
34	16	8.455	8.455	1.00	2.073	8.075	8.075	1.00	2.224	7.695	7.695	1.00	2.407
34	18	9.120	9.120	1.00	2.127	8.835	8.835	1.00	2.289	8.265	8.265	1.00	2.461
34	20	9.880	9.781	0.99	2.181	9.500	9.405	0.99	2.332	8.930	8.841	0.99	2.504

COOLING CAPACITY
PLA-ZM125EA2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.697	0.92	2.477	9.232	8.493	0.92	2.705	9.010	8.289	0.92	2.934
14	8	9.654	8.206	0.85	2.476	9.396	7.987	0.85	2.708	9.138	7.767	0.85	2.941
14	9	10.053	7.741	0.77	2.471	9.784	7.534	0.77	2.714	9.515	7.327	0.77	2.957
16	8	9.848	9.060	0.92	2.473	9.620	8.850	0.92	2.712	9.392	8.641	0.92	2.952
16	9	10.126	8.405	0.83	2.470	9.856	8.180	0.83	2.715	9.586	7.956	0.83	2.960
16	11	10.592	7.944	0.75	2.464	10.308	7.731	0.75	2.722	10.025	7.519	0.75	2.979
18	10	10.256	9.333	0.91	2.468	10.017	9.115	0.91	2.719	9.777	8.897	0.91	2.969
18	11	10.632	8.718	0.82	2.465	10.347	8.485	0.82	2.723	10.062	8.251	0.82	2.980
18	12	11.164	8.150	0.73	2.457	10.861	7.929	0.73	2.727	10.558	7.707	0.73	2.997
20	16	12.375	7.425	0.60	2.702	12.000	7.200	0.60	2.854	11.625	6.975	0.60	3.023
20	18	13.250	6.360	0.48	2.753	12.875	6.180	0.48	2.905	12.438	5.970	0.48	3.108
20	20	14.250	5.130	0.36	2.838	13.938	5.018	0.36	2.973	13.563	4.883	0.36	3.175
22	16	12.375	8.415	0.68	2.702	12.000	8.160	0.68	2.854	11.625	7.905	0.68	3.023
22	18	13.250	7.420	0.56	2.753	12.875	7.210	0.56	2.905	12.438	6.965	0.56	3.108
22	20	14.250	6.270	0.44	2.838	13.938	6.133	0.44	2.973	13.563	5.968	0.44	3.175
24	16	12.375	9.405	0.76	2.702	12.000	9.120	0.76	2.854	11.625	8.835	0.76	3.023
24	18	13.250	8.480	0.64	2.753	12.875	8.240	0.64	2.905	12.438	7.960	0.64	3.108
24	20	14.250	7.410	0.52	2.838	13.938	7.248	0.52	2.973	13.563	7.053	0.52	3.175
24	22	15.188	6.075	0.40	2.905	14.875	5.950	0.40	3.074	14.500	5.800	0.40	3.277
26	16	12.375	10.395	0.84	2.702	12.000	10.080	0.84	2.854	11.625	9.765	0.84	3.023
26	18	13.250	9.540	0.72	2.753	12.875	9.270	0.72	2.905	12.438	8.955	0.72	3.108
26	20	14.250	8.550	0.60	2.838	13.938	8.363	0.60	2.973	13.563	8.138	0.60	3.175
26	22	15.188	7.290	0.48	2.905	14.875	7.140	0.48	3.074	14.500	6.960	0.48	3.277
27	16	12.375	10.890	0.88	2.702	12.000	10.560	0.88	2.854	11.625	10.230	0.88	3.023
27	18	13.250	10.070	0.76	2.753	12.875	9.785	0.76	2.905	12.438	9.453	0.76	3.108
27	20	14.250	9.120	0.64	2.838	13.938	8.920	0.64	2.973	13.563	8.680	0.64	3.175
27	22	15.188	7.898	0.52	2.905	14.875	7.735	0.52	3.074	14.500	7.540	0.52	3.277
28	16	12.375	11.385	0.92	2.702	12.000	11.040	0.92	2.854	11.625	10.695	0.92	3.023
28	18	13.250	10.600	0.80	2.753	12.875	10.300	0.80	2.905	12.438	9.950	0.80	3.108
28	20	14.250	9.690	0.68	2.838	13.938	9.478	0.68	2.973	13.563	9.223	0.68	3.175
28	22	15.188	8.505	0.56	2.905	14.875	8.330	0.56	3.074	14.500	8.120	0.56	3.277
30	16	12.375	12.375	1.00	2.702	12.000	12.000	1.00	2.854	11.625	11.625	1.00	3.023
30	18	13.250	11.660	0.88	2.753	12.875	11.330	0.88	2.905	12.438	10.945	0.88	3.108
30	20	14.250	10.830	0.76	2.838	13.938	10.593	0.76	2.973	13.563	10.308	0.76	3.175
30	22	15.188	9.720	0.64	2.905	14.875	9.520	0.64	3.074	14.500	9.280	0.64	3.277
32	16	12.375	12.375	1.00	2.702	12.000	12.000	1.00	2.854	11.625	11.625	1.00	3.023
32	18	13.250	12.720	0.96	2.753	12.875	12.360	0.96	2.905	12.438	11.940	0.96	3.108
32	20	14.250	11.970	0.84	2.838	13.938	11.708	0.84	2.973	13.563	11.393	0.84	3.175
32	22	15.188	10.935	0.72	2.905	14.875	10.710	0.72	3.074	14.500	10.440	0.72	3.277
34	16	12.375	12.375	1.00	2.702	12.000	12.000	1.00	2.854	11.625	11.625	1.00	3.023
34	18	13.250	13.250	1.00	2.753	12.875	12.875	1.00	2.905	12.438	12.438	1.00	3.108
34	20	14.250	13.110	0.92	2.838	13.938	12.823	0.92	2.973	13.563	12.478	0.92	3.175
34	22	15.188	12.150	0.80	2.905	14.875	11.900	0.80	3.074	14.500	11.600	0.80	3.277

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.062	0.92	3.194	8.497	7.817	0.92	3.464	8.278	7.616	0.92	3.730
14	8	8.851	7.523	0.85	3.200	8.559	7.275	0.85	3.470	8.326	7.077	0.85	3.737
14	9	9.220	7.099	0.77	3.226	8.904	6.856	0.77	3.502	8.643	6.655	0.77	3.774
16	8	9.138	8.407	0.92	3.221	8.865	8.156	0.92	3.498	8.638	7.947	0.92	3.773
16	9	9.288	7.709	0.83	3.231	8.973	7.448	0.83	3.507	8.721	7.238	0.83	3.782
16	11	9.716	7.287	0.75	3.258	9.385	7.039	0.75	3.543	9.108	6.831	0.75	3.825
18	10	9.517	8.660	0.91	3.246	9.239	8.407	0.91	3.531	9.003	8.193	0.91	3.813
18	11	9.754	7.998	0.82	3.260	9.422	7.726	0.82	3.545	9.145	7.499	0.82	3.829
18	12	10.236	7.472	0.73	3.287	9.890	7.220	0.73	3.583	9.595	7.004	0.73	3.874
20	16	11.125	6.675	0.60	3.243	10.625	6.375	0.60	3.479	10.125	6.075	0.60	3.766
20	18	12.000	5.760	0.48	3.327	11.625	5.580	0.48	3.581	10.875	5.220	0.48	3.851
20	20	13.000	4.680	0.36	3.412	12.500	4.500	0.36	3.648	11.750	4.230	0.36	3.918
22	16	11.125	7.565	0.68	3.243	10.625	7.225	0.68	3.479	10.125	6.885	0.68	3.766
22	18	12.000	6.720	0.56	3.327	11.625	6.510	0.56	3.581	10.875	6.090	0.56	3.851
22	20	13.000	5.720	0.44	3.412	12.500	5.500	0.44	3.648	11.750	5.170	0.44	3.918
24	16	11.125	8.455	0.76	3.243	10.625	8.075	0.76	3.479	10.125	7.695	0.76	3.766
24	18	12.000	7.680	0.64	3.327	11.625	7.440	0.64	3.581	10.875	6.960	0.64	3.851
24	20	13.000	6.760	0.52	3.412	12.500	6.500	0.52	3.648	11.750	6.110	0.52	3.918
24	22	14.000	5.600	0.40	3.479	13.500	5.400	0.40	3.750	12.750	5.100	0.40	3.986
26	16	11.125	9.345	0.84	3.243	10.625	8.925	0.84	3.479	10.125	8.505	0.84	3.766
26	18	12.000	8.640	0.72	3.327	11.625	8.370	0.72	3.581	10.875	7.830	0.72	3.851
26	20	13.000	7.800	0.60	3.412	12.500	7.500	0.60	3.648	11.750	7.050	0.60	3.918
26	22	14.000	6.720	0.48	3.479	13.500	6.480	0.48	3.750	12.750	6.120	0.48	3.986
27	16	11.125	9.790	0.88	3.243	10.625	9.350	0.88	3.479	10.125	8.910	0.88	3.766
27	18	12.000	9.120	0.76	3.327	11.625	8.835	0.76	3.581	10.875	8.265	0.76	3.851
27	20	13.000	8.320	0.64	3.412	12.500	8.000	0.64	3.648	11.750	7.520	0.64	3.918
27	22	14.000	7.280	0.52	3.479	13.500	7.020	0.52	3.750	12.750	6.630	0.52	3.986
28	16	11.125	10.235	0.92	3.243	10.625	9.775	0.92	3.479	10.125	9.315	0.92	3.766
28	18	12.000	9.600	0.80	3.327	11.625	9.300	0.80	3.581	10.875	8.700	0.80	3.851
28	20	13.000	8.840	0.68	3.412	12.500	8.500	0.68	3.648	11.750	7.990	0.68	3.918
28	22	14.000	7.840	0.56	3.479	13.500	7.560	0.56	3.750	12.750	7.140	0.56	3.986
30	16	11.125	11.125	1.00	3.243	10.625	10.625	1.00	3.479	10.125	10.125	1.00	3.766
30	18	12.000	10.560	0.88	3.327	11.625	10.230	0.88	3.581	10.875	9.570	0.88	3.851
30	20	13.000	9.880	0.76	3.412	12.500	9.500	0.76	3.648	11.750	8.930	0.76	3.918
30	22	14.000	8.960	0.64	3.479	13.500	8.640	0.64	3.750	12.750	8.160	0.64	3.986
32	16	11.125	11.125	1.00	3.243	10.625	10.625	1.00	3.479	10.125	10.125	1.00	3.766
32	18	12.000	11.520	0.96	3.327	11.625	11.160	0.96	3.581	10.875	10.440	0.96	3.851
32	20	13.000	10.920	0.84	3.412	12.500	10.500	0.84	3.648	11.750	9.870	0.84	3.918
32	22	14.000	10.080	0.72	3.479	13.500	9.720	0.72	3.750	12.750	9.180	0.72	3.986
34	16	11.125	11.125	1.00	3.243	10.625	10.625	1.00	3.479	10.125	10.125	1.00	3.766
34	18	12.000	12.000	1.00	3.327	11.625	11.625	1.00					

COOLING CAPACITY
PLA-ZM140EA2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.322	0.92	2.729	9.896	9.104	0.92	2.981	9.659	8.886	0.92	3.232
14	8	10.349	8.797	0.85	2.728	10.072	8.561	0.85	2.984	9.796	8.327	0.85	3.240
14	9	10.777	8.298	0.77	2.723	10.489	8.077	0.77	2.991	10.201	7.855	0.77	3.258
16	8	10.557	9.712	0.92	2.724	10.313	9.488	0.92	2.989	10.068	9.263	0.92	3.253
16	9	10.855	9.010	0.83	2.722	10.566	8.770	0.83	2.992	10.276	8.529	0.83	3.262
16	11	11.355	8.516	0.75	2.715	11.051	8.288	0.75	2.999	10.746	8.060	0.75	3.282
18	10	10.994	10.005	0.91	2.720	10.738	9.772	0.91	2.995	10.481	9.538	0.91	3.271
18	11	11.398	9.346	0.82	2.716	11.092	9.095	0.82	3.000	10.787	8.845	0.82	3.284
18	12	11.968	8.737	0.73	2.707	11.643	8.499	0.73	3.004	11.319	8.263	0.73	3.302
20	16	13.266	7.960	0.60	2.978	12.864	7.718	0.60	3.145	12.462	7.477	0.60	3.331
20	18	14.204	6.818	0.48	3.033	13.802	6.625	0.48	3.201	13.333	6.400	0.48	3.424
20	20	15.276	5.499	0.36	3.126	14.941	5.379	0.36	3.275	14.539	5.234	0.36	3.499
22	16	13.266	9.021	0.68	2.978	12.864	8.748	0.68	3.145	12.462	8.474	0.68	3.331
22	18	14.204	7.954	0.56	3.033	13.802	7.729	0.56	3.201	13.333	7.466	0.56	3.424
22	20	15.276	6.721	0.44	3.126	14.941	6.574	0.44	3.275	14.539	6.397	0.44	3.499
24	16	13.266	10.082	0.76	2.978	12.864	9.777	0.76	3.145	12.462	9.471	0.76	3.331
24	18	14.204	9.091	0.64	3.033	13.802	8.833	0.64	3.201	13.333	8.533	0.64	3.424
24	20	15.276	7.944	0.52	3.126	14.941	7.769	0.52	3.275	14.539	7.560	0.52	3.499
24	22	16.281	6.512	0.40	3.201	15.946	6.378	0.40	3.387	15.544	6.218	0.40	3.610
26	16	13.266	11.143	0.84	2.978	12.864	10.806	0.84	3.145	12.462	10.468	0.84	3.331
26	18	14.204	10.227	0.72	3.033	13.802	9.937	0.72	3.201	13.333	9.600	0.72	3.424
26	20	15.276	9.166	0.60	3.126	14.941	8.965	0.60	3.275	14.539	8.723	0.60	3.499
26	22	16.281	7.815	0.48	3.201	15.946	7.654	0.48	3.387	15.544	7.461	0.48	3.610
27	16	13.266	11.674	0.88	2.978	12.864	11.320	0.88	3.145	12.462	10.967	0.88	3.331
27	18	14.204	10.795	0.76	3.033	13.802	10.490	0.76	3.201	13.333	10.133	0.76	3.424
27	20	15.276	9.777	0.64	3.126	14.941	9.562	0.64	3.275	14.539	9.305	0.64	3.499
27	22	16.281	8.466	0.52	3.201	15.946	8.292	0.52	3.387	15.544	8.083	0.52	3.610
28	16	13.266	12.205	0.92	2.978	12.864	11.835	0.92	3.145	12.462	11.465	0.92	3.331
28	18	14.204	11.363	0.80	3.033	13.802	11.042	0.80	3.201	13.333	10.666	0.80	3.424
28	20	15.276	10.388	0.68	3.126	14.941	10.160	0.68	3.275	14.539	9.887	0.68	3.499
28	22	16.281	9.117	0.56	3.201	15.946	8.930	0.56	3.387	15.544	8.705	0.56	3.610
30	16	13.266	13.266	1.00	2.978	12.864	12.864	1.00	3.145	12.462	12.462	1.00	3.331
30	18	14.204	12.500	0.88	3.033	13.802	12.146	0.88	3.201	13.333	11.733	0.88	3.424
30	20	15.276	11.610	0.76	3.126	14.941	11.355	0.76	3.275	14.539	11.050	0.76	3.499
30	22	16.281	10.420	0.64	3.201	15.946	10.205	0.64	3.387	15.544	9.948	0.64	3.610
32	16	13.266	13.266	1.00	2.978	12.864	12.864	1.00	3.145	12.462	12.462	1.00	3.331
32	18	14.204	13.636	0.96	3.033	13.802	13.250	0.96	3.201	13.333	12.800	0.96	3.424
32	20	15.276	12.832	0.84	3.126	14.941	12.550	0.84	3.275	14.539	12.213	0.84	3.499
32	22	16.281	11.722	0.72	3.201	15.946	11.481	0.72	3.387	15.544	11.192	0.72	3.610
34	16	13.266	13.266	1.00	2.978	12.864	12.864	1.00	3.145	12.462	12.462	1.00	3.331
34	18	14.204	14.204	1.00	3.033	13.802	13.802	1.00	3.201	13.333	13.333	1.00	3.424
34	20	15.276	14.054	0.92	3.126	14.941	13.746	0.92	3.275	14.539	13.376	0.92	3.499
34	22	16.281	13.025	0.80	3.201	15.946	12.757	0.80	3.387	15.544	12.435	0.80	3.610

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	3.519	9.109	8.380	0.92	3.817	8.874	8.164	0.92	4.110
14	8	9.488	8.065	0.85	3.526	9.175	7.799	0.85	3.823	8.926	7.587	0.85	4.117
14	9	9.883	7.610	0.77	3.555	9.545	7.350	0.77	3.859	9.265	7.134	0.77	4.158
16	8	9.796	9.012	0.92	3.549	9.503	8.743	0.92	3.854	9.260	8.519	0.92	4.157
16	9	9.957	8.264	0.83	3.560	9.619	7.984	0.83	3.864	9.348	7.759	0.83	4.167
16	11	10.415	7.811	0.75	3.590	10.061	7.546	0.75	3.904	9.764	7.323	0.75	4.214
18	10	10.203	9.285	0.91	3.576	9.904	9.013	0.91	3.891	9.652	8.783	0.91	4.201
18	11	10.456	8.574	0.82	3.592	10.100	8.282	0.82	3.907	9.803	8.038	0.82	4.219
18	12	10.973	8.010	0.73	3.622	10.602	7.739	0.73	3.948	10.286	7.509	0.73	4.269
20	16	11.926	7.156	0.60	3.573	11.390	6.834	0.60	3.834	10.854	6.512	0.60	4.150
20	18	12.864	6.175	0.48	3.666	12.462	5.982	0.48	3.945	11.658	5.596	0.48	4.243
20	20	13.936	5.017	0.36	3.759	13.400	4.824	0.36	4.020	12.596	4.535	0.36	4.318
22	16	11.926	8.110	0.68	3.573	11.390	7.745	0.68	3.834	10.854	7.381	0.68	4.150
22	18	12.864	7.204	0.56	3.666	12.462	6.979	0.56	3.945	11.658	6.528	0.56	4.243
22	20	13.936	6.132	0.44	3.759	13.400	5.896	0.44	4.020	12.596	5.542	0.44	4.318
24	16	11.926	9.064	0.76	3.573	11.390	8.656	0.76	3.834	10.854	8.249	0.76	4.150
24	18	12.864	8.233	0.64	3.666	12.462	7.976	0.64	3.945	11.658	7.461	0.64	4.243
24	20	13.936	7.247	0.52	3.759	13.400	6.968	0.52	4.020	12.596	6.550	0.52	4.318
24	22	15.008	6.003	0.40	3.834	14.472	5.789	0.40	4.131	13.668	5.467	0.40	4.392
26	16	11.926	10.018	0.84	3.573	11.390	9.568	0.84	3.834	10.854	9.117	0.84	4.150
26	18	12.864	9.262	0.72	3.666	12.462	8.973	0.72	3.945	11.658	8.394	0.72	4.243
26	20	13.936	8.362	0.60	3.759	13.400	8.040	0.60	4.020	12.596	7.558	0.60	4.318
26	22	15.008	7.204	0.48	3.834	14.472	6.947	0.48	4.131	13.668	6.561	0.48	4.392
27	16	11.926	10.495	0.88	3.573	11.390	10.023	0.88	3.834	10.854	9.552	0.88	4.150
27	18	12.864	9.777	0.76	3.666	12.462	9.471	0.76	3.945	11.658	8.860	0.76	4.243
27	20	13.936	8.919	0.64	3.759	13.400	8.576	0.64	4.020	12.596	8.061	0.64	4.318
27	22	15.008	7.804	0.52	3.834	14.472	7.525	0.52	4.131	13.668	7.107	0.52	4.392
28	16	11.926	10.972	0.92	3.573	11.390	10.479	0.92	3.834	10.854	9.986	0.92	4.150
28	18	12.864	10.291	0.80	3.666	12.462	9.970	0.80	3.945	11.658	9.326	0.80	4.243
28	20	13.936	9.476	0.68	3.759	13.400	9.112	0.68	4.020	12.596	8.565	0.68	4.318
28	22	15.008	8.404	0.56	3.834	14.472	8.104	0.56	4.131	13.668	7.654	0.56	4.392
30	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
30	18	12.864	11.320	0.88	3.666	12.462	10.967	0.88	3.945	11.658	10.259	0.88	4.243
30	20	13.936	10.591	0.76	3.759	13.400	10.184	0.76	4.020	12.596	9.573	0.76	4.318
30	22	15.008	9.605	0.64	3.834	14.472	9.262	0.64	4.131	13.668	8.748	0.64	4.392
32	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
32	18	12.864	12.349	0.96	3.666	12.462	11.964	0.96	3.945	11.658	11.192	0.96	4.243
32	20	13.936	11.706	0.84	3.759	13.400	11.256	0.84	4.020	12.596	10.581	0.84	4.318
32	22	15.008	10.806	0.72	3.834	14.472	10.420	0.72	4.131	13.668	9.841	0.72	4.392
34	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
34	18	12.864	12.864										

COOLING CAPACITY
PLA-M35EA2 / PUZ-ZM35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.722	2.722	1.00	0.551	2.659	2.659	1.00	0.601	2.595	2.595	1.00	0.652
14	8	2.780	2.780	1.00	0.550	2.706	2.706	1.00	0.602	2.632	2.632	1.00	0.654
14	9	2.895	2.837	0.98	0.549	2.818	2.762	0.98	0.603	2.740	2.685	0.98	0.657
16	8	2.836	2.836	1.00	0.550	2.771	2.771	1.00	0.603	2.705	2.705	1.00	0.656
16	9	2.916	2.916	1.00	0.549	2.839	2.839	1.00	0.604	2.761	2.761	1.00	0.658
16	11	3.051	2.929	0.96	0.548	2.969	2.850	0.96	0.605	2.887	2.772	0.96	0.662
18	10	2.954	2.954	1.00	0.549	2.885	2.885	1.00	0.604	2.816	2.816	1.00	0.660
18	11	3.062	3.062	1.00	0.548	2.980	2.980	1.00	0.605	2.898	2.898	1.00	0.663
18	12	3.215	3.022	0.94	0.546	3.128	2.940	0.94	0.606	3.041	2.859	0.94	0.666
20	16	3.564	2.887	0.81	0.601	3.456	2.799	0.81	0.635	3.348	2.712	0.81	0.672
20	18	3.816	2.633	0.69	0.612	3.708	2.559	0.69	0.646	3.582	2.472	0.69	0.691
20	20	4.104	2.339	0.57	0.631	4.014	2.288	0.57	0.661	3.906	2.226	0.57	0.706
22	16	3.564	3.172	0.89	0.601	3.456	3.076	0.89	0.635	3.348	2.980	0.89	0.672
22	18	3.816	2.938	0.77	0.612	3.708	2.855	0.77	0.646	3.582	2.758	0.77	0.691
22	20	4.104	2.668	0.65	0.631	4.014	2.609	0.65	0.661	3.906	2.539	0.65	0.706
24	16	3.564	3.457	0.97	0.601	3.456	3.352	0.97	0.635	3.348	3.248	0.97	0.672
24	18	3.816	3.244	0.85	0.612	3.708	3.152	0.85	0.646	3.582	3.045	0.85	0.691
24	20	4.104	2.996	0.73	0.631	4.014	2.930	0.73	0.661	3.906	2.851	0.73	0.706
24	22	4.374	2.668	0.61	0.646	4.284	2.613	0.61	0.683	4.176	2.547	0.61	0.728
26	16	3.564	3.564	1.00	0.601	3.456	3.456	1.00	0.635	3.348	3.348	1.00	0.672
26	18	3.816	3.549	0.93	0.612	3.708	3.448	0.93	0.646	3.582	3.331	0.93	0.691
26	20	4.104	3.324	0.81	0.631	4.014	3.251	0.81	0.661	3.906	3.164	0.81	0.706
26	22	4.374	3.018	0.69	0.646	4.284	2.956	0.69	0.683	4.176	2.881	0.69	0.728
27	16	3.564	3.564	1.00	0.601	3.456	3.456	1.00	0.635	3.348	3.348	1.00	0.672
27	18	3.816	3.702	0.97	0.612	3.708	3.597	0.97	0.646	3.582	3.475	0.97	0.691
27	20	4.104	3.488	0.85	0.631	4.014	3.412	0.85	0.661	3.906	3.320	0.85	0.706
27	22	4.374	3.193	0.73	0.646	4.284	3.127	0.73	0.683	4.176	3.048	0.73	0.728
28	16	3.564	3.564	1.00	0.601	3.456	3.456	1.00	0.635	3.348	3.348	1.00	0.672
28	18	3.816	3.816	1.00	0.612	3.708	3.708	1.00	0.646	3.582	3.582	1.00	0.691
28	20	4.104	3.653	0.89	0.631	4.014	3.572	0.89	0.661	3.906	3.476	0.89	0.706
28	22	4.374	3.368	0.77	0.646	4.284	3.299	0.77	0.683	4.176	3.216	0.77	0.728
30	16	3.564	3.564	1.00	0.601	3.456	3.456	1.00	0.635	3.348	3.348	1.00	0.672
30	18	3.816	3.816	1.00	0.612	3.708	3.708	1.00	0.646	3.582	3.582	1.00	0.691
30	20	4.104	3.981	0.97	0.631	4.014	3.894	0.97	0.661	3.906	3.789	0.97	0.706
30	22	4.374	3.718	0.85	0.646	4.284	3.641	0.85	0.683	4.176	3.550	0.85	0.728
32	16	3.564	3.564	1.00	0.601	3.456	3.456	1.00	0.635	3.348	3.348	1.00	0.672
32	18	3.816	3.816	1.00	0.612	3.708	3.708	1.00	0.646	3.582	3.582	1.00	0.691
32	20	4.104	4.104	1.00	0.631	4.014	4.014	1.00	0.661	3.906	3.906	1.00	0.706
32	22	4.374	4.068	0.93	0.646	4.284	3.984	0.93	0.683	4.176	3.884	0.93	0.728
34	16	3.564	3.564	1.00	0.601	3.456	3.456	1.00	0.635	3.348	3.348	1.00	0.672
34	18	3.816	3.816	1.00	0.612	3.708	3.708	1.00	0.646	3.582	3.582	1.00	0.691
34	20	4.104	4.104	1.00	0.631	4.014	4.014	1.00	0.661	3.906	3.906	1.00	0.706
34	22	4.374	4.374	1.00	0.646	4.284	4.284	1.00	0.683	4.176	4.176	1.00	0.728

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.524	2.524	1.00	0.710	2.447	2.447	1.00	0.770	2.384	2.384	1.00	0.829
14	8	2.549	2.549	1.00	0.711	2.465	2.465	1.00	0.771	2.398	2.398	1.00	0.831
14	9	2.655	2.602	0.98	0.717	2.564	2.513	0.98	0.779	2.489	2.439	0.98	0.839
16	8	2.632	2.632	1.00	0.716	2.553	2.553	1.00	0.778	2.488	2.488	1.00	0.839
16	9	2.675	2.675	1.00	0.718	2.584	2.584	1.00	0.780	2.512	2.512	1.00	0.841
16	11	2.798	2.686	0.96	0.724	2.703	2.595	0.96	0.788	2.623	2.518	0.96	0.850
18	10	2.741	2.741	1.00	0.722	2.661	2.661	1.00	0.785	2.593	2.593	1.00	0.848
18	11	2.809	2.809	1.00	0.725	2.713	2.713	1.00	0.788	2.634	2.634	1.00	0.851
18	12	2.948	2.771	0.94	0.731	2.848	2.677	0.94	0.797	2.763	2.597	0.94	0.861
20	16	3.204	2.595	0.81	0.721	3.060	2.479	0.81	0.774	2.916	2.362	0.81	0.837
20	18	3.456	2.385	0.69	0.740	3.348	2.310	0.69	0.796	3.132	2.161	0.69	0.856
20	20	3.744	2.134	0.57	0.759	3.600	2.052	0.57	0.811	3.384	1.929	0.57	0.871
22	16	3.204	2.852	0.89	0.721	3.060	2.723	0.89	0.774	2.916	2.595	0.89	0.837
22	18	3.456	2.661	0.77	0.740	3.348	2.578	0.77	0.796	3.132	2.412	0.77	0.856
22	20	3.744	2.434	0.65	0.759	3.600	2.340	0.65	0.811	3.384	2.200	0.65	0.871
24	16	3.204	3.108	0.97	0.721	3.060	2.968	0.97	0.774	2.916	2.829	0.97	0.837
24	18	3.456	2.938	0.85	0.740	3.348	2.846	0.85	0.796	3.132	2.662	0.85	0.856
24	20	3.744	2.733	0.73	0.759	3.600	2.628	0.73	0.811	3.384	2.470	0.73	0.871
24	22	4.032	2.460	0.61	0.774	3.888	2.372	0.61	0.834	3.672	2.240	0.61	0.886
26	16	3.204	3.204	1.00	0.721	3.060	3.060	1.00	0.774	2.916	2.916	1.00	0.837
26	18	3.456	3.214	0.93	0.740	3.348	3.114	0.93	0.796	3.132	2.913	0.93	0.856
26	20	3.744	3.033	0.81	0.759	3.600	2.916	0.81	0.811	3.384	2.741	0.81	0.871
26	22	4.032	2.782	0.69	0.774	3.888	2.683	0.69	0.834	3.672	2.534	0.69	0.886
27	16	3.204	3.204	1.00	0.721	3.060	3.060	1.00	0.774	2.916	2.916	1.00	0.837
27	18	3.456	3.352	0.97	0.740	3.348	3.248	0.97	0.796	3.132	3.038	0.97	0.856
27	20	3.744	3.182	0.85	0.759	3.600	3.060	0.85	0.811	3.384	2.876	0.85	0.871
27	22	4.032	2.943	0.73	0.774	3.888	2.838	0.73	0.834	3.672	2.681	0.73	0.886
28	16	3.204	3.204	1.00	0.721	3.060	3.060	1.00	0.774	2.916	2.916	1.00	0.837
28	18	3.456	3.456	1.00	0.740	3.348	3.348	1.00	0.796	3.132	3.132	1.00	0.856
28	20	3.744	3.332	0.89	0.759	3.600	3.204	0.89	0.811	3.384	3.012	0.89	0.871
28	22	4.032	3.105	0.77	0.774	3.888	2.994	0.77	0.834	3.672	2.827	0.77	0.886
30	16	3.204	3.204	1.00	0.721	3.060	3.060	1.00	0.774	2.916	2.916	1.00	0.837
30	18	3.456	3.456	1.00	0.740	3.348	3.348	1.00	0.796	3.132	3.132	1.00	0.856
30	20	3.744	3.632	0.97	0.759	3.600	3.492	0.97	0.811	3.384	3.282	0.97	0.871
30	22	4.032	3.427	0.85	0.774	3.888	3.305	0.85	0.834	3.672	3.121	0.85	0.886
32	16	3.204	3.204	1.00	0.721	3.060	3.060	1.00	0.774	2.916	2.916	1.00	0.837
32	18	3.456	3.456	1.00	0.740	3.348	3.348	1.00	0.796	3.132	3.132	1.00	0.856
32	20	3.744	3.744	1.00	0.759	3.600	3.600	1.00	0.811	3.384	3.384	1.00	0.871
32	22	4.032	3.750	0.93	0.774	3.888	3.616	0.93	0.834	3.672	3.415	0.93	0.886
34	16	3.204	3.204	1.00	0.721	3.060	3.060	1.00	0.774	2.916	2.916	1.00	0.837
34	18	3.456	3.456	1.00	0.740	3.348	3.348	1.00	0.796	3.132	3.132	1.00	0.856
34	20	3.744	3.744	1.00	0.759	3.600	3.600	1.00	0.811	3.384	3.384	1.00	0.871
34	22	4.032	4.032	1.00	0.774	3.888	3.888	1.00	0.834	3.672			

**COOLING CAPACITY
PLA-M50EA2 / PUZ-ZM50VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.781	3.743	0.99	0.861	3.693	3.656	0.99	0.941	3.604	3.568	0.99	1.020
14	8	3.862	3.553	0.92	0.861	3.758	3.457	0.92	0.942	3.655	3.363	0.92	1.023
14	9	4.021	3.378	0.84	0.860	3.914	3.288	0.84	0.944	3.806	3.197	0.84	1.029
16	8	3.939	3.900	0.99	0.860	3.848	3.810	0.99	0.943	3.757	3.719	0.99	1.027
16	9	4.050	3.645	0.90	0.859	3.942	3.548	0.90	0.945	3.834	3.451	0.90	1.030
16	11	4.237	3.474	0.82	0.857	4.123	3.381	0.82	0.947	4.010	3.288	0.82	1.036
18	10	4.102	4.020	0.98	0.859	4.007	3.927	0.98	0.946	3.911	3.833	0.98	1.033
18	11	4.253	3.785	0.89	0.858	4.139	3.684	0.89	0.947	4.025	3.582	0.89	1.037
18	12	4.466	3.573	0.80	0.855	4.345	3.476	0.80	0.948	4.223	3.378	0.80	1.042
20	16	4.950	3.317	0.67	0.940	4.800	3.216	0.67	0.993	4.650	3.116	0.67	1.052
20	18	5.300	2.915	0.55	0.958	5.150	2.833	0.55	1.011	4.975	2.736	0.55	1.081
20	20	5.700	2.451	0.43	0.987	5.575	2.397	0.43	1.034	5.425	2.333	0.43	1.105
22	16	4.950	3.713	0.75	0.940	4.800	3.600	0.75	0.993	4.650	3.488	0.75	1.052
22	18	5.300	3.339	0.63	0.958	5.150	3.245	0.63	1.011	4.975	3.134	0.63	1.081
22	20	5.700	2.907	0.51	0.987	5.575	2.843	0.51	1.034	5.425	2.767	0.51	1.105
24	16	4.950	4.109	0.83	0.940	4.800	3.984	0.83	0.993	4.650	3.860	0.83	1.052
24	18	5.300	3.763	0.71	0.958	5.150	3.657	0.71	1.011	4.975	3.532	0.71	1.081
24	20	5.700	3.363	0.59	0.987	5.575	3.289	0.59	1.034	5.425	3.201	0.59	1.105
24	22	6.075	2.855	0.47	1.011	5.950	2.797	0.47	1.069	5.800	2.726	0.47	1.140
26	16	4.950	4.505	0.91	0.940	4.800	4.368	0.91	0.993	4.650	4.232	0.91	1.052
26	18	5.300	4.187	0.79	0.958	5.150	4.069	0.79	1.011	4.975	3.930	0.79	1.081
26	20	5.700	3.819	0.67	0.987	5.575	3.735	0.67	1.034	5.425	3.635	0.67	1.105
26	22	6.075	3.341	0.55	1.011	5.950	3.273	0.55	1.069	5.800	3.190	0.55	1.140
27	16	4.950	4.703	0.95	0.940	4.800	4.560	0.95	0.993	4.650	4.418	0.95	1.052
27	18	5.300	4.399	0.83	0.958	5.150	4.275	0.83	1.011	4.975	4.129	0.83	1.081
27	20	5.700	4.047	0.71	0.987	5.575	3.958	0.71	1.034	5.425	3.852	0.71	1.105
27	22	6.075	3.584	0.59	1.011	5.950	3.511	0.59	1.069	5.800	3.422	0.59	1.140
28	16	4.950	4.901	0.99	0.940	4.800	4.752	0.99	0.993	4.650	4.604	0.99	1.052
28	18	5.300	4.611	0.87	0.958	5.150	4.481	0.87	1.011	4.975	4.328	0.87	1.081
28	20	5.700	4.275	0.75	0.987	5.575	4.181	0.75	1.034	5.425	4.069	0.75	1.105
28	22	6.075	3.827	0.63	1.011	5.950	3.749	0.63	1.069	5.800	3.654	0.63	1.140
30	16	4.950	4.950	1.00	0.940	4.800	4.800	1.00	0.993	4.650	4.650	1.00	1.052
30	18	5.300	5.035	0.95	0.958	5.150	4.893	0.95	1.011	4.975	4.726	0.95	1.081
30	20	5.700	4.731	0.83	0.987	5.575	4.627	0.83	1.034	5.425	4.503	0.83	1.105
30	22	6.075	4.313	0.71	1.011	5.950	4.225	0.71	1.069	5.800	4.118	0.71	1.140
32	16	4.950	4.950	1.00	0.940	4.800	4.800	1.00	0.993	4.650	4.650	1.00	1.052
32	18	5.300	5.300	1.00	0.958	5.150	5.150	1.00	1.011	4.975	4.975	1.00	1.081
32	20	5.700	5.187	0.91	0.987	5.575	5.073	0.91	1.034	5.425	4.937	0.91	1.105
32	22	6.075	4.799	0.79	1.011	5.950	4.701	0.79	1.069	5.800	4.582	0.79	1.140
34	16	4.950	4.950	1.00	0.940	4.800	4.800	1.00	0.993	4.650	4.650	1.00	1.052
34	18	5.300	5.300	1.00	0.958	5.150	5.150	1.00	1.011	4.975	4.975	1.00	1.081
34	20	5.700	5.643	0.99	0.987	5.575	5.519	0.99	1.034	5.425	5.371	0.99	1.105
34	22	6.075	5.285	0.87	1.011	5.950	5.177	0.87	1.069	5.800	5.046	0.87	1.140

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.505	3.470	0.99	1.111	3.399	3.365	0.99	1.205	3.311	3.278	0.99	1.298
14	8	3.540	3.257	0.92	1.113	3.424	3.150	0.92	1.207	3.330	3.064	0.92	1.300
14	9	3.688	3.098	0.84	1.122	3.562	2.992	0.84	1.218	3.457	2.904	0.84	1.313
16	8	3.655	3.618	0.99	1.120	3.546	3.511	0.99	1.217	3.455	3.420	0.99	1.312
16	9	3.715	3.344	0.90	1.124	3.589	3.230	0.90	1.220	3.488	3.139	0.90	1.316
16	11	3.886	3.187	0.82	1.133	3.754	3.078	0.82	1.233	3.643	2.987	0.82	1.330
18	10	3.807	3.731	0.98	1.129	3.695	3.621	0.98	1.228	3.601	3.529	0.98	1.326
18	11	3.901	3.472	0.89	1.134	3.769	3.354	0.89	1.233	3.658	3.256	0.89	1.332
18	12	4.094	3.275	0.80	1.143	3.956	3.165	0.80	1.246	3.838	3.070	0.80	1.348
20	16	4.450	2.982	0.67	1.128	4.250	2.848	0.67	1.210	4.050	2.714	0.67	1.310
20	18	4.800	2.640	0.55	1.157	4.650	2.558	0.55	1.246	4.350	2.393	0.55	1.340
20	20	5.200	2.236	0.43	1.187	5.000	2.150	0.43	1.269	4.700	2.021	0.43	1.363
22	16	4.450	3.338	0.75	1.128	4.250	3.188	0.75	1.210	4.050	3.038	0.75	1.310
22	18	4.800	3.024	0.63	1.157	4.650	2.930	0.63	1.246	4.350	2.741	0.63	1.340
22	20	5.200	2.652	0.51	1.187	5.000	2.550	0.51	1.269	4.700	2.397	0.51	1.363
24	16	4.450	3.694	0.83	1.128	4.250	3.528	0.83	1.210	4.050	3.362	0.83	1.310
24	18	4.800	3.408	0.71	1.157	4.650	3.302	0.71	1.246	4.350	3.089	0.71	1.340
24	20	5.200	3.068	0.59	1.187	5.000	2.950	0.59	1.269	4.700	2.773	0.59	1.363
24	22	5.600	2.632	0.47	1.210	5.400	2.538	0.47	1.304	5.100	2.397	0.47	1.387
26	16	4.450	4.050	0.91	1.128	4.250	3.868	0.91	1.210	4.050	3.686	0.91	1.310
26	18	4.800	3.792	0.79	1.157	4.650	3.674	0.79	1.246	4.350	3.437	0.79	1.340
26	20	5.200	3.484	0.67	1.187	5.000	3.350	0.67	1.269	4.700	3.149	0.67	1.363
26	22	5.600	3.080	0.55	1.210	5.400	2.970	0.55	1.304	5.100	2.805	0.55	1.387
27	16	4.450	4.228	0.95	1.128	4.250	4.038	0.95	1.210	4.050	3.848	0.95	1.310
27	18	4.800	3.984	0.83	1.157	4.650	3.860	0.83	1.246	4.350	3.611	0.83	1.340
27	20	5.200	3.692	0.71	1.187	5.000	3.550	0.71	1.269	4.700	3.337	0.71	1.363
27	22	5.600	3.304	0.59	1.210	5.400	3.186	0.59	1.304	5.100	3.009	0.59	1.387
28	16	4.450	4.406	0.99	1.128	4.250	4.208	0.99	1.210	4.050	4.010	0.99	1.310
28	18	4.800	4.176	0.87	1.157	4.650	4.046	0.87	1.246	4.350	3.785	0.87	1.340
28	20	5.200	3.900	0.75	1.187	5.000	3.750	0.75	1.269	4.700	3.525	0.75	1.363
28	22	5.600	3.528	0.63	1.210	5.400	3.402	0.63	1.304	5.100	3.213	0.63	1.387
30	16	4.450	4.450	1.00	1.128	4.250	4.250	1.00	1.210	4.050	4.050	1.00	1.310
30	18	4.800	4.560	0.95	1.157	4.650	4.418	0.95	1.246	4.350	4.133	0.95	1.340
30	20	5.200	4.316	0.83	1.187	5.000	4.150	0.83	1.269	4.700	3.901	0.83	1.363
30	22	5.600	3.976	0.71	1.210	5.400	3.834	0.71	1.304	5.100	3.621	0.71	1.387
32	16	4.450	4.450	1.00	1.128	4.250	4.250	1.00	1.210	4.050	4.050	1.00	1.310
32	18	4.800	4.800	1.00	1.157	4.650	4.650	1.00	1.246	4.350	4.350	1.00	1.340
32	20	5.200	4.732	0.91	1.187	5.000	4.550	0.91	1.269	4.700	4.277	0.91	1.363
32	22	5.600	4.424	0.79	1.210	5.400	4.266	0.79	1.304	5.100	4.029	0.79	1.387
34	16	4.450	4.450	1.00	1.128	4.250	4.250	1.00	1.210	4.050	4.050	1.00	1.310
34	18	4.800	4.800	1.00	1.157	4.650	4.650	1.00	1.246	4.350	4.350	1.00	1.340
34	20	5.200	5.148	0.99	1.187	5.000	4.950	0.99	1.269	4.700	4.653	0.99	1.363
34	22	5.600	4.872	0.87	1.210	5.400	4.698	0.87	1.304				

COOLING CAPACITY
PLA-M60EA2 / PUZ-ZM60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.613	1.00	1.117	4.505	4.505	1.00	1.220	4.397	4.397	1.00	1.323
14	8	4.711	4.428	0.94	1.116	4.585	4.310	0.94	1.221	4.459	4.191	0.94	1.326
14	9	4.906	4.219	0.86	1.114	4.775	4.107	0.86	1.224	4.644	3.994	0.86	1.333
16	8	4.806	4.806	1.00	1.115	4.695	4.695	1.00	1.223	4.583	4.583	1.00	1.331
16	9	4.942	4.547	0.92	1.114	4.810	4.425	0.92	1.224	4.678	4.304	0.92	1.335
16	11	5.169	4.342	0.84	1.111	5.031	4.226	0.84	1.227	4.892	4.109	0.84	1.343
18	10	5.005	5.005	1.00	1.113	4.888	4.888	1.00	1.226	4.771	4.771	1.00	1.338
18	11	5.189	4.722	0.91	1.111	5.049	4.595	0.91	1.228	4.910	4.468	0.91	1.344
18	12	5.448	4.467	0.82	1.108	5.300	4.346	0.82	1.229	5.153	4.225	0.82	1.351
20	16	6.039	4.167	0.69	1.218	5.856	4.041	0.69	1.287	5.673	3.914	0.69	1.363
20	18	6.466	3.686	0.57	1.241	6.283	3.581	0.57	1.310	6.070	3.460	0.57	1.401
20	20	6.954	3.129	0.45	1.279	6.802	3.061	0.45	1.340	6.619	2.979	0.45	1.432
22	16	6.039	4.650	0.77	1.218	5.856	4.509	0.77	1.287	5.673	4.368	0.77	1.363
22	18	6.466	4.203	0.65	1.241	6.283	4.084	0.65	1.310	6.070	3.946	0.65	1.401
22	20	6.954	3.686	0.53	1.279	6.802	3.605	0.53	1.340	6.619	3.508	0.53	1.432
24	16	6.039	5.133	0.85	1.218	5.856	4.978	0.85	1.287	5.673	4.822	0.85	1.363
24	18	6.466	4.720	0.73	1.241	6.283	4.587	0.73	1.310	6.070	4.431	0.73	1.401
24	20	6.954	4.242	0.61	1.279	6.802	4.149	0.61	1.340	6.619	4.038	0.61	1.432
24	22	7.412	3.632	0.49	1.310	7.259	3.557	0.49	1.386	7.076	3.467	0.49	1.477
26	16	6.039	5.616	0.93	1.218	5.856	5.446	0.93	1.287	5.673	5.276	0.93	1.363
26	18	6.466	5.237	0.81	1.241	6.283	5.089	0.81	1.310	6.070	4.917	0.81	1.401
26	20	6.954	4.798	0.69	1.279	6.802	4.693	0.69	1.340	6.619	4.567	0.69	1.432
26	22	7.412	4.225	0.57	1.310	7.259	4.138	0.57	1.386	7.076	4.033	0.57	1.477
27	16	6.039	5.858	0.97	1.218	5.856	5.680	0.97	1.287	5.673	5.503	0.97	1.363
27	18	6.466	5.496	0.85	1.241	6.283	5.341	0.85	1.310	6.070	5.160	0.85	1.401
27	20	6.954	5.076	0.73	1.279	6.802	4.965	0.73	1.340	6.619	4.832	0.73	1.432
27	22	7.412	4.521	0.61	1.310	7.259	4.428	0.61	1.386	7.076	4.316	0.61	1.477
28	16	6.039	6.039	1.00	1.218	5.856	5.856	1.00	1.287	5.673	5.673	1.00	1.363
28	18	6.466	5.755	0.89	1.241	6.283	5.592	0.89	1.310	6.070	5.402	0.89	1.401
28	20	6.954	5.355	0.77	1.279	6.802	5.238	0.77	1.340	6.619	5.097	0.77	1.432
28	22	7.412	4.818	0.65	1.310	7.259	4.718	0.65	1.386	7.076	4.599	0.65	1.477
30	16	6.039	6.039	1.00	1.218	5.856	5.856	1.00	1.287	5.673	5.673	1.00	1.363
30	18	6.466	6.272	0.97	1.241	6.283	6.095	0.97	1.310	6.070	5.888	0.97	1.401
30	20	6.954	5.911	0.85	1.279	6.802	5.782	0.85	1.340	6.619	5.626	0.85	1.432
30	22	7.412	5.411	0.73	1.310	7.259	5.299	0.73	1.386	7.076	5.165	0.73	1.477
32	16	6.039	6.039	1.00	1.218	5.856	5.856	1.00	1.287	5.673	5.673	1.00	1.363
32	18	6.466	6.466	1.00	1.241	6.283	6.283	1.00	1.310	6.070	6.070	1.00	1.401
32	20	6.954	6.467	0.93	1.279	6.802	6.326	0.93	1.340	6.619	6.156	0.93	1.432
32	22	7.412	6.004	0.81	1.310	7.259	5.880	0.81	1.386	7.076	5.732	0.81	1.477
34	16	6.039	6.039	1.00	1.218	5.856	5.856	1.00	1.287	5.673	5.673	1.00	1.363
34	18	6.466	6.466	1.00	1.241	6.283	6.283	1.00	1.310	6.070	6.070	1.00	1.401
34	20	6.954	6.954	1.00	1.279	6.802	6.802	1.00	1.340	6.619	6.619	1.00	1.432
34	22	7.412	6.597	0.89	1.310	7.259	6.461	0.89	1.386	7.076	6.298	0.89	1.477

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.440	4.147	4.147	1.00	1.562	4.040	4.040	1.00	1.682
14	8	4.319	4.060	0.94	1.443	4.177	3.926	0.94	1.564	4.063	3.819	0.94	1.685
14	9	4.499	3.869	0.86	1.454	4.345	3.737	0.86	1.579	4.218	3.627	0.86	1.701
16	8	4.459	4.459	1.00	1.452	4.326	4.326	1.00	1.577	4.215	4.215	1.00	1.701
16	9	4.533	4.170	0.92	1.457	4.379	4.029	0.92	1.581	4.256	3.916	0.92	1.705
16	11	4.741	3.982	0.84	1.469	4.580	3.847	0.84	1.598	4.445	3.734	0.84	1.724
18	10	4.645	4.645	1.00	1.463	4.508	4.508	1.00	1.592	4.394	4.394	1.00	1.719
18	11	4.760	4.332	0.91	1.470	4.598	4.184	0.91	1.598	4.463	4.061	0.91	1.726
18	12	4.995	4.096	0.82	1.482	4.826	3.957	0.82	1.615	4.682	3.839	0.82	1.747
20	16	5.429	3.746	0.69	1.462	5.185	3.578	0.69	1.569	4.941	3.409	0.69	1.698
20	18	5.856	3.338	0.57	1.500	5.673	3.234	0.57	1.614	5.307	3.025	0.57	1.736
20	20	6.344	2.855	0.45	1.538	6.100	2.745	0.45	1.645	5.734	2.580	0.45	1.767
22	16	5.429	4.180	0.77	1.462	5.185	3.992	0.77	1.569	4.941	3.805	0.77	1.698
22	18	5.856	3.806	0.65	1.500	5.673	3.687	0.65	1.614	5.307	3.450	0.65	1.736
22	20	6.344	3.362	0.53	1.538	6.100	3.233	0.53	1.645	5.734	3.039	0.53	1.767
24	16	5.429	4.615	0.85	1.462	5.185	4.407	0.85	1.569	4.941	4.200	0.85	1.698
24	18	5.856	4.275	0.73	1.500	5.673	4.141	0.73	1.614	5.307	3.874	0.73	1.736
24	20	6.344	3.870	0.61	1.538	6.100	3.721	0.61	1.645	5.734	3.498	0.61	1.767
24	22	6.832	3.348	0.49	1.569	6.588	3.228	0.49	1.691	6.222	3.049	0.49	1.797
26	16	5.429	5.049	0.93	1.462	5.185	4.822	0.93	1.569	4.941	4.595	0.93	1.698
26	18	5.856	4.743	0.81	1.500	5.673	4.595	0.81	1.614	5.307	4.299	0.81	1.736
26	20	6.344	4.377	0.69	1.538	6.100	4.209	0.69	1.645	5.734	3.956	0.69	1.767
26	22	6.832	3.894	0.57	1.569	6.588	3.755	0.57	1.691	6.222	3.547	0.57	1.797
27	16	5.429	5.266	0.97	1.462	5.185	5.029	0.97	1.569	4.941	4.793	0.97	1.698
27	18	5.856	4.978	0.85	1.500	5.673	4.822	0.85	1.614	5.307	4.511	0.85	1.736
27	20	6.344	4.631	0.73	1.538	6.100	4.453	0.73	1.645	5.734	4.186	0.73	1.767
27	22	6.832	4.168	0.61	1.569	6.588	4.019	0.61	1.691	6.222	3.795	0.61	1.797
28	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
28	18	5.856	5.212	0.89	1.500	5.673	5.049	0.89	1.614	5.307	4.723	0.89	1.736
28	20	6.344	4.885	0.77	1.538	6.100	4.697	0.77	1.645	5.734	4.415	0.77	1.767
28	22	6.832	4.441	0.65	1.569	6.588	4.282	0.65	1.691	6.222	4.044	0.65	1.797
30	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
30	18	5.856	5.680	0.97	1.500	5.673	5.503	0.97	1.614	5.307	5.148	0.97	1.736
30	20	6.344	5.392	0.85	1.538	6.100	5.185	0.85	1.645	5.734	4.874	0.85	1.767
30	22	6.832	4.987	0.73	1.569	6.588	4.809	0.73	1.691	6.222	4.542	0.73	1.797
32	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
32	18	5.856	5.856	1.00	1.500	5.673	5.673	1.00	1.614	5.307	5.307	1.00	1.736
32	20	6.344	5.900	0.93	1.538	6.100	5.673	0.93	1.645	5.734	5.333	0.93	1.767
32	22	6.832	5.534	0.81	1.569	6.588	5.336	0.81	1.691	6.222	5.040	0.81	1.797
34	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
34	18	5.856	5.856	1.00	1.500	5.673	5.673	1.00	1.614	5.307	5.307	1.00	1.736
34	20	6.344	6.344	1.00	1.538	6.100	6.100	1.00	1.645	5.734	5.734	1.00	1.767
34	22	6.832	6.080	0.89	1.569	6.588	5.863	0.89	1.691	6.222			

**COOLING CAPACITY
PLA-M71EA2 / PUZ-ZM71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.154	0.96	1.258	5.244	5.034	0.96	1.374	5.118	4.913	0.96	1.490
14	8	5.483	4.880	0.89	1.258	5.337	4.750	0.89	1.376	5.190	4.619	0.89	1.494
14	9	5.710	4.625	0.81	1.255	5.558	4.502	0.81	1.379	5.405	4.378	0.81	1.502
16	8	5.594	5.370	0.96	1.256	5.464	5.245	0.96	1.378	5.335	5.122	0.96	1.500
16	9	5.752	5.004	0.87	1.255	5.598	4.870	0.87	1.379	5.445	4.737	0.87	1.504
16	11	6.016	4.753	0.79	1.252	5.855	4.625	0.79	1.383	5.694	4.498	0.79	1.513
18	10	5.825	5.534	0.95	1.254	5.689	5.405	0.95	1.381	5.554	5.276	0.95	1.508
18	11	6.039	5.194	0.86	1.252	5.877	5.054	0.86	1.383	5.715	4.915	0.86	1.514
18	12	6.341	4.883	0.77	1.248	6.169	4.750	0.77	1.385	5.997	4.618	0.77	1.522
20	16	7.029	4.499	0.64	1.373	6.816	4.362	0.64	1.450	6.603	4.226	0.64	1.536
20	18	7.526	3.914	0.52	1.399	7.313	3.803	0.52	1.476	7.065	3.674	0.52	1.579
20	20	8.094	3.238	0.40	1.441	7.917	3.167	0.40	1.510	7.704	3.082	0.40	1.613
22	16	7.029	5.061	0.72	1.373	6.816	4.908	0.72	1.450	6.603	4.754	0.72	1.536
22	18	7.526	4.516	0.60	1.399	7.313	4.388	0.60	1.476	7.065	4.239	0.60	1.579
22	20	8.094	3.885	0.48	1.441	7.917	3.800	0.48	1.510	7.704	3.698	0.48	1.613
24	16	7.029	5.623	0.80	1.373	6.816	5.453	0.80	1.450	6.603	5.282	0.80	1.536
24	18	7.526	5.118	0.68	1.399	7.313	4.973	0.68	1.476	7.065	4.804	0.68	1.579
24	20	8.094	4.533	0.56	1.441	7.917	4.434	0.56	1.510	7.704	4.314	0.56	1.613
24	22	8.627	3.796	0.44	1.476	8.449	3.718	0.44	1.562	8.236	3.624	0.44	1.665
26	16	7.029	6.186	0.88	1.373	6.816	5.998	0.88	1.450	6.603	5.811	0.88	1.536
26	18	7.526	5.720	0.76	1.399	7.313	5.558	0.76	1.476	7.065	5.369	0.76	1.579
26	20	8.094	5.180	0.64	1.441	7.917	5.067	0.64	1.510	7.704	4.931	0.64	1.613
26	22	8.627	4.486	0.52	1.476	8.449	4.393	0.52	1.562	8.236	4.283	0.52	1.665
27	16	7.029	6.467	0.92	1.373	6.816	6.271	0.92	1.450	6.603	6.075	0.92	1.536
27	18	7.526	6.021	0.80	1.399	7.313	5.850	0.80	1.476	7.065	5.652	0.80	1.579
27	20	8.094	5.504	0.68	1.441	7.917	5.384	0.68	1.510	7.704	5.239	0.68	1.613
27	22	8.627	4.831	0.56	1.476	8.449	4.731	0.56	1.562	8.236	4.612	0.56	1.665
28	16	7.029	6.748	0.96	1.373	6.816	6.543	0.96	1.450	6.603	6.339	0.96	1.536
28	18	7.526	6.322	0.84	1.399	7.313	6.143	0.84	1.476	7.065	5.935	0.84	1.579
28	20	8.094	5.828	0.72	1.441	7.917	5.700	0.72	1.510	7.704	5.547	0.72	1.613
28	22	8.627	5.176	0.60	1.476	8.449	5.069	0.60	1.562	8.236	4.942	0.60	1.665
30	16	7.029	7.029	1.00	1.373	6.816	6.816	1.00	1.450	6.603	6.603	1.00	1.536
30	18	7.526	6.924	0.92	1.399	7.313	6.728	0.92	1.476	7.065	6.500	0.92	1.579
30	20	8.094	6.475	0.80	1.441	7.917	6.334	0.80	1.510	7.704	6.163	0.80	1.613
30	22	8.627	5.866	0.68	1.476	8.449	5.745	0.68	1.562	8.236	5.600	0.68	1.665
32	16	7.029	7.029	1.00	1.373	6.816	6.816	1.00	1.450	6.603	6.603	1.00	1.536
32	18	7.526	7.526	1.00	1.399	7.313	7.313	1.00	1.476	7.065	7.065	1.00	1.579
32	20	8.094	7.123	0.88	1.441	7.917	6.967	0.88	1.510	7.704	6.780	0.88	1.613
32	22	8.627	6.557	0.76	1.476	8.449	6.421	0.76	1.562	8.236	6.259	0.76	1.665
34	16	7.029	7.029	1.00	1.373	6.816	6.816	1.00	1.450	6.603	6.603	1.00	1.536
34	18	7.526	7.526	1.00	1.399	7.313	7.313	1.00	1.476	7.065	7.065	1.00	1.579
34	20	8.094	7.770	0.96	1.441	7.917	7.600	0.96	1.510	7.704	7.396	0.96	1.613
34	22	8.627	7.247	0.84	1.476	8.449	7.097	0.84	1.562	8.236	6.918	0.84	1.665

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.779	0.96	1.623	4.827	4.634	0.96	1.760	4.702	4.514	0.96	1.895
14	8	5.027	4.474	0.89	1.626	4.862	4.327	0.89	1.763	4.729	4.209	0.89	1.898
14	9	5.237	4.242	0.81	1.639	5.057	4.096	0.81	1.779	4.909	3.976	0.81	1.917
16	8	5.190	4.982	0.96	1.636	5.035	4.834	0.96	1.777	4.906	4.710	0.96	1.917
16	9	5.276	4.590	0.87	1.641	5.096	4.434	0.87	1.782	4.953	4.309	0.87	1.921
16	11	5.519	4.360	0.79	1.655	5.331	4.211	0.79	1.800	5.173	4.087	0.79	1.943
18	10	5.406	5.136	0.95	1.649	5.247	4.985	0.95	1.794	5.114	4.858	0.95	1.937
18	11	5.540	4.764	0.86	1.656	5.352	4.603	0.86	1.801	5.194	4.467	0.86	1.945
18	12	5.814	4.477	0.77	1.670	5.618	4.326	0.77	1.820	5.450	4.197	0.77	1.968
20	16	6.319	4.044	0.64	1.647	6.035	3.862	0.64	1.767	5.751	3.681	0.64	1.913
20	18	6.816	3.544	0.52	1.690	6.603	3.434	0.52	1.819	6.177	3.212	0.52	1.956
20	20	7.384	2.954	0.40	1.733	7.100	2.840	0.40	1.853	6.674	2.670	0.40	1.991
22	16	6.319	4.550	0.72	1.647	6.035	4.345	0.72	1.767	5.751	4.141	0.72	1.913
22	18	6.816	4.090	0.60	1.690	6.603	3.962	0.60	1.819	6.177	3.706	0.60	1.956
22	20	7.384	3.544	0.48	1.733	7.100	3.408	0.48	1.853	6.674	3.204	0.48	1.991
24	16	6.319	5.055	0.80	1.647	6.035	4.828	0.80	1.767	5.751	4.601	0.80	1.913
24	18	6.816	4.635	0.68	1.690	6.603	4.490	0.68	1.819	6.177	4.200	0.68	1.956
24	20	7.384	4.135	0.56	1.733	7.100	3.976	0.56	1.853	6.674	3.737	0.56	1.991
24	22	7.952	3.499	0.44	1.767	7.668	3.374	0.44	1.905	7.242	3.186	0.44	2.025
26	16	6.319	5.561	0.88	1.647	6.035	5.311	0.88	1.767	5.751	5.061	0.88	1.913
26	18	6.816	5.180	0.76	1.690	6.603	5.018	0.76	1.819	6.177	4.695	0.76	1.956
26	20	7.384	4.726	0.64	1.733	7.100	4.544	0.64	1.853	6.674	4.271	0.64	1.991
26	22	7.952	4.135	0.52	1.767	7.668	3.987	0.52	1.905	7.242	3.766	0.52	2.025
27	16	6.319	5.813	0.92	1.647	6.035	5.552	0.92	1.767	5.751	5.291	0.92	1.913
27	18	6.816	5.453	0.80	1.690	6.603	5.282	0.80	1.819	6.177	4.942	0.80	1.956
27	20	7.384	5.021	0.68	1.733	7.100	4.828	0.68	1.853	6.674	4.538	0.68	1.991
27	22	7.952	4.453	0.56	1.767	7.668	4.294	0.56	1.905	7.242	4.056	0.56	2.025
28	16	6.319	6.066	0.96	1.647	6.035	5.794	0.96	1.767	5.751	5.521	0.96	1.913
28	18	6.816	5.725	0.84	1.690	6.603	5.547	0.84	1.819	6.177	5.189	0.84	1.956
28	20	7.384	5.316	0.72	1.733	7.100	5.112	0.72	1.853	6.674	4.805	0.72	1.991
28	22	7.952	4.771	0.60	1.767	7.668	4.601	0.60	1.905	7.242	4.345	0.60	2.025
30	16	6.319	6.319	1.00	1.647	6.035	6.035	1.00	1.767	5.751	5.751	1.00	1.913
30	18	6.816	6.271	0.92	1.690	6.603	6.075	0.92	1.819	6.177	5.683	0.92	1.956
30	20	7.384	5.907	0.80	1.733	7.100	5.680	0.80	1.853	6.674	5.339	0.80	1.991
30	22	7.952	5.407	0.68	1.767	7.668	5.214	0.68	1.905	7.242	4.925	0.68	2.025
32	16	6.319	6.319	1.00	1.647	6.035	6.035	1.00	1.767	5.751	5.751	1.00	1.913
32	18	6.816	6.816	1.00	1.690	6.603	6.603	1.00	1.819	6.177	6.177	1.00	1.956
32	20	7.384	6.498	0.88	1.733	7.100	6.248	0.88	1.853	6.674	5.873	0.88	1.991
32	22	7.952	6.044	0.76	1.767	7.668	5.828	0.76	1.905	7.242	5.504	0.76	2.025
34	16	6.319	6.319	1.00	1.647	6.035	6.035	1.00	1.767	5.751	5.751	1.00	1.913
34	18	6.816	6.816	1.00	1.690	6.603	6.603	1.00	1.819	6.177	6.177	1.00	1.956
34	20	7.384	7.089	0.96	1.733	7.100	6.816	0.96	1.853	6.674	6.407	0.96	1.991
34	22	7.952	6.680	0.84	1.767	7.668	6.441	0.84	1.905				

COOLING CAPACITY
PLA-M100EA2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	1.620	7.016	6.946	0.99	1.769	6.848	6.780	0.99	1.918
14	8	7.337	6.750	0.92	1.619	7.141	6.570	0.92	1.771	6.945	6.389	0.92	1.923
14	9	7.641	6.418	0.84	1.616	7.436	6.246	0.84	1.775	7.232	6.075	0.84	1.934
16	8	7.485	7.410	0.99	1.617	7.311	7.238	0.99	1.774	7.138	7.067	0.99	1.931
16	9	7.696	6.926	0.90	1.616	7.491	6.742	0.90	1.776	7.286	6.557	0.90	1.936
16	11	8.050	6.601	0.82	1.611	7.834	6.424	0.82	1.780	7.619	6.248	0.82	1.948
18	10	7.794	7.638	0.98	1.614	7.613	7.461	0.98	1.778	7.431	7.282	0.98	1.941
18	11	8.080	7.191	0.89	1.612	7.864	6.999	0.89	1.780	7.647	6.806	0.89	1.949
18	12	8.485	6.788	0.80	1.607	8.255	6.604	0.80	1.783	8.024	6.419	0.80	1.960
20	16	9.405	6.301	0.67	1.767	9.120	6.110	0.67	1.867	8.835	5.919	0.67	1.977
20	18	10.070	5.539	0.55	1.800	9.785	5.382	0.55	1.900	9.453	5.199	0.55	2.032
20	20	10.830	4.657	0.43	1.856	10.593	4.555	0.43	1.944	10.308	4.432	0.43	2.076
22	16	9.405	7.054	0.75	1.767	9.120	6.840	0.75	1.867	8.835	6.626	0.75	1.977
22	18	10.070	6.344	0.63	1.800	9.785	6.165	0.63	1.900	9.453	5.955	0.63	2.032
22	20	10.830	5.523	0.51	1.856	10.593	5.402	0.51	1.944	10.308	5.257	0.51	2.076
24	16	9.405	7.806	0.83	1.767	9.120	7.570	0.83	1.867	8.835	7.333	0.83	1.977
24	18	10.070	7.150	0.71	1.800	9.785	6.947	0.71	1.900	9.453	6.712	0.71	2.032
24	20	10.830	6.390	0.59	1.856	10.593	6.250	0.59	1.944	10.308	6.082	0.59	2.076
24	22	11.543	5.425	0.47	1.900	11.305	5.313	0.47	2.010	11.020	5.179	0.47	2.143
26	16	9.405	8.559	0.91	1.767	9.120	8.299	0.91	1.867	8.835	8.040	0.91	1.977
26	18	10.070	7.955	0.79	1.800	9.785	7.730	0.79	1.900	9.453	7.468	0.79	2.032
26	20	10.830	7.256	0.67	1.856	10.593	7.097	0.67	1.944	10.308	6.906	0.67	2.076
26	22	11.543	6.349	0.55	1.900	11.305	6.218	0.55	2.010	11.020	6.061	0.55	2.143
27	16	9.405	8.935	0.95	1.767	9.120	8.664	0.95	1.867	8.835	8.393	0.95	1.977
27	18	10.070	8.358	0.83	1.800	9.785	8.122	0.83	1.900	9.453	7.846	0.83	2.032
27	20	10.830	7.689	0.71	1.856	10.593	7.521	0.71	1.944	10.308	7.319	0.71	2.076
27	22	11.543	6.810	0.59	1.900	11.305	6.670	0.59	2.010	11.020	6.502	0.59	2.143
28	16	9.405	9.311	0.99	1.767	9.120	9.029	0.99	1.867	8.835	8.747	0.99	1.977
28	18	10.070	8.761	0.87	1.800	9.785	8.513	0.87	1.900	9.453	8.224	0.87	2.032
28	20	10.830	8.123	0.75	1.856	10.593	7.945	0.75	1.944	10.308	7.731	0.75	2.076
28	22	11.543	7.272	0.63	1.900	11.305	7.122	0.63	2.010	11.020	6.943	0.63	2.143
30	16	9.405	9.405	1.00	1.767	9.120	9.120	1.00	1.867	8.835	8.835	1.00	1.977
30	18	10.070	9.567	0.95	1.800	9.785	9.296	0.95	1.900	9.453	8.980	0.95	2.032
30	20	10.830	8.989	0.83	1.856	10.593	8.792	0.83	1.944	10.308	8.556	0.83	2.076
30	22	11.543	8.196	0.71	1.900	11.305	8.027	0.71	2.010	11.020	7.824	0.71	2.143
32	16	9.405	9.405	1.00	1.767	9.120	9.120	1.00	1.867	8.835	8.835	1.00	1.977
32	18	10.070	10.070	1.00	1.800	9.785	9.785	1.00	1.900	9.453	9.453	1.00	2.032
32	20	10.830	9.855	0.91	1.856	10.593	9.640	0.91	1.944	10.308	9.380	0.91	2.076
32	22	11.543	9.119	0.79	1.900	11.305	8.931	0.79	2.010	11.020	8.706	0.79	2.143
34	16	9.405	9.405	1.00	1.767	9.120	9.120	1.00	1.867	8.835	8.835	1.00	1.977
34	18	10.070	10.070	1.00	1.800	9.785	9.785	1.00	1.900	9.453	9.453	1.00	2.032
34	20	10.830	10.722	0.99	1.856	10.593	10.487	0.99	1.944	10.308	10.205	0.99	2.076
34	22	11.543	10.042	0.87	1.900	11.305	9.835	0.87	2.010	11.020	9.587	0.87	2.143

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.089	6.458	6.393	0.99	2.265	6.291	6.228	0.99	2.439
14	8	6.727	6.189	0.92	2.093	6.505	5.985	0.92	2.269	6.328	5.822	0.92	2.444
14	9	7.007	5.886	0.84	2.110	6.767	5.684	0.84	2.290	6.569	5.518	0.84	2.468
16	8	6.945	6.876	0.99	2.106	6.737	6.670	0.99	2.287	6.565	6.499	0.99	2.467
16	9	7.059	6.353	0.90	2.113	6.819	6.137	0.90	2.293	6.628	5.965	0.90	2.473
16	11	7.384	6.055	0.82	2.131	7.133	5.849	0.82	2.317	6.922	5.676	0.82	2.501
18	10	7.233	7.088	0.98	2.122	7.021	6.881	0.98	2.309	6.843	6.706	0.98	2.494
18	11	7.413	6.598	0.89	2.132	7.161	6.373	0.89	2.319	6.950	6.186	0.89	2.504
18	12	7.779	6.223	0.80	2.150	7.516	6.013	0.80	2.343	7.292	5.834	0.80	2.533
20	16	8.455	5.665	0.67	2.121	8.075	5.410	0.67	2.275	7.695	5.156	0.67	2.463
20	18	9.120	5.016	0.55	2.176	8.835	4.859	0.55	2.342	8.265	4.546	0.55	2.518
20	20	9.880	4.248	0.43	2.231	9.500	4.085	0.43	2.386	8.930	3.840	0.43	2.562
22	16	8.455	6.341	0.75	2.121	8.075	6.056	0.75	2.275	7.695	5.771	0.75	2.463
22	18	9.120	5.746	0.63	2.176	8.835	5.566	0.63	2.342	8.265	5.207	0.63	2.518
22	20	9.880	5.039	0.51	2.231	9.500	4.845	0.51	2.386	8.930	4.554	0.51	2.562
24	16	8.455	7.018	0.83	2.121	8.075	6.702	0.83	2.275	7.695	6.387	0.83	2.463
24	18	9.120	6.475	0.71	2.176	8.835	6.273	0.71	2.342	8.265	5.868	0.71	2.518
24	20	9.880	5.829	0.59	2.231	9.500	5.605	0.59	2.386	8.930	5.269	0.59	2.562
24	22	10.640	5.001	0.47	2.275	10.260	4.822	0.47	2.452	9.690	4.554	0.47	2.607
26	16	8.455	7.694	0.91	2.121	8.075	7.348	0.91	2.275	7.695	7.002	0.91	2.463
26	18	9.120	7.205	0.79	2.176	8.835	6.980	0.79	2.342	8.265	6.529	0.79	2.518
26	20	9.880	6.620	0.67	2.231	9.500	6.365	0.67	2.386	8.930	5.983	0.67	2.562
26	22	10.640	5.852	0.55	2.275	10.260	5.643	0.55	2.452	9.690	5.330	0.55	2.607
27	16	8.455	8.032	0.95	2.121	8.075	7.671	0.95	2.275	7.695	7.310	0.95	2.463
27	18	9.120	7.570	0.83	2.176	8.835	7.333	0.83	2.342	8.265	6.860	0.83	2.518
27	20	9.880	7.015	0.71	2.231	9.500	6.745	0.71	2.386	8.930	6.340	0.71	2.562
27	22	10.640	6.278	0.59	2.275	10.260	6.053	0.59	2.452	9.690	5.717	0.59	2.607
28	16	8.455	8.370	0.99	2.121	8.075	7.994	0.99	2.275	7.695	7.618	0.99	2.463
28	18	9.120	7.934	0.87	2.176	8.835	7.686	0.87	2.342	8.265	7.191	0.87	2.518
28	20	9.880	7.410	0.75	2.231	9.500	7.125	0.75	2.386	8.930	6.698	0.75	2.562
28	22	10.640	6.703	0.63	2.275	10.260	6.464	0.63	2.452	9.690	6.105	0.63	2.607
30	16	8.455	8.455	1.00	2.121	8.075	8.075	1.00	2.275	7.695	7.695	1.00	2.463
30	18	9.120	8.664	0.95	2.176	8.835	8.393	0.95	2.342	8.265	7.852	0.95	2.518
30	20	9.880	8.200	0.83	2.231	9.500	7.885	0.83	2.386	8.930	7.412	0.83	2.562
30	22	10.640	7.554	0.71	2.275	10.260	7.285	0.71	2.452	9.690	6.880	0.71	2.607
32	16	8.455	8.455	1.00	2.121	8.075	8.075	1.00	2.275	7.695	7.695	1.00	2.463
32	18	9.120	9.120	1.00	2.176	8.835	8.835	1.00	2.342	8.265	8.265	1.00	2.518
32	20	9.880	8.991	0.91	2.231	9.500	8.645	0.91	2.386	8.930	8.126	0.91	2.562
32	22	10.640	8.406	0.79	2.275	10.260	8.105	0.79	2.452	9.690	7.655	0.79	2.607
34	16	8.455	8.455	1.00	2.121	8.075	8.075	1.00	2.275	7.695	7.695	1.00	2.463
34	18	9.120	9.120	1.00	2.176	8.835	8.835	1.00	2.342	8.265	8.265	1.00	2.518
34	20	9.880	9.781	0.99	2.231	9.500	9.405	0.99	2.386	8.930	8.841	0.99	2.562
34	22</												

COOLING CAPACITY
PLA-M125EA2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.886	0.94	2.490	9.232	8.678	0.94	2.720	9.010	8.469	0.94	2.949
14	8	9.654	8.399	0.87	2.489	9.396	8.175	0.87	2.723	9.138	7.950	0.87	2.956
14	9	10.053	7.942	0.79	2.485	9.784	7.729	0.79	2.729	9.515	7.517	0.79	2.973
16	8	9.848	9.257	0.94	2.486	9.620	9.043	0.94	2.727	9.392	8.828	0.94	2.968
16	9	10.126	8.607	0.85	2.484	9.856	8.378	0.85	2.730	9.586	8.148	0.85	2.976
16	11	10.592	8.156	0.77	2.477	10.308	7.937	0.77	2.736	10.025	7.719	0.77	2.995
18	10	10.256	9.538	0.93	2.482	10.017	9.316	0.93	2.733	9.777	9.093	0.93	2.984
18	11	10.632	8.931	0.84	2.478	10.347	8.691	0.84	2.737	10.062	8.452	0.84	2.996
18	12	11.164	8.373	0.75	2.470	10.861	8.146	0.75	2.741	10.558	7.919	0.75	3.013
20	16	12.375	7.673	0.62	2.717	12.000	7.440	0.62	2.870	11.625	7.208	0.62	3.039
20	18	13.250	6.625	0.50	2.768	12.875	6.438	0.50	2.921	12.438	6.219	0.50	3.124
20	20	14.250	5.415	0.38	2.853	13.938	5.296	0.38	2.988	13.563	5.154	0.38	3.192
22	16	12.375	8.663	0.70	2.717	12.000	8.400	0.70	2.870	11.625	8.138	0.70	3.039
22	18	13.250	7.685	0.58	2.768	12.875	7.468	0.58	2.921	12.438	7.214	0.58	3.124
22	20	14.250	6.555	0.46	2.853	13.938	6.411	0.46	2.988	13.563	6.239	0.46	3.192
24	16	12.375	9.653	0.78	2.717	12.000	9.360	0.78	2.870	11.625	9.068	0.78	3.039
24	18	13.250	8.745	0.66	2.768	12.875	8.498	0.66	2.921	12.438	8.209	0.66	3.124
24	20	14.250	7.695	0.54	2.853	13.938	7.527	0.54	2.988	13.563	7.324	0.54	3.192
24	22	15.188	6.379	0.42	2.921	14.875	6.248	0.42	3.090	14.500	6.090	0.42	3.294
26	16	12.375	10.643	0.86	2.717	12.000	10.320	0.86	2.870	11.625	9.998	0.86	3.039
26	18	13.250	9.805	0.74	2.768	12.875	9.528	0.74	2.921	12.438	9.204	0.74	3.124
26	20	14.250	8.835	0.62	2.853	13.938	8.642	0.62	2.988	13.563	8.409	0.62	3.192
26	22	15.188	7.594	0.50	2.921	14.875	7.438	0.50	3.090	14.500	7.250	0.50	3.294
27	16	12.375	11.138	0.90	2.717	12.000	10.800	0.90	2.870	11.625	10.463	0.90	3.039
27	18	13.250	10.335	0.78	2.768	12.875	10.043	0.78	2.921	12.438	9.702	0.78	3.124
27	20	14.250	9.405	0.66	2.853	13.938	9.199	0.66	2.988	13.563	8.952	0.66	3.192
27	22	15.188	8.202	0.54	2.921	14.875	8.033	0.54	3.090	14.500	7.830	0.54	3.294
28	16	12.375	11.633	0.94	2.717	12.000	11.280	0.94	2.870	11.625	10.928	0.94	3.039
28	18	13.250	10.865	0.82	2.768	12.875	10.558	0.82	2.921	12.438	10.199	0.82	3.124
28	20	14.250	9.975	0.70	2.853	13.938	9.757	0.70	2.988	13.563	9.494	0.70	3.192
28	22	15.188	8.809	0.58	2.921	14.875	8.628	0.58	3.090	14.500	8.410	0.58	3.294
30	16	12.375	12.375	1.00	2.717	12.000	12.000	1.00	2.870	11.625	11.625	1.00	3.039
30	18	13.250	11.925	0.90	2.768	12.875	11.588	0.90	2.921	12.438	11.194	0.90	3.124
30	20	14.250	11.115	0.78	2.853	13.938	10.872	0.78	2.988	13.563	10.579	0.78	3.192
30	22	15.188	10.024	0.66	2.921	14.875	9.818	0.66	3.090	14.500	9.570	0.66	3.294
32	16	12.375	12.375	1.00	2.717	12.000	12.000	1.00	2.870	11.625	11.625	1.00	3.039
32	18	13.250	12.985	0.98	2.768	12.875	12.618	0.98	2.921	12.438	12.189	0.98	3.124
32	20	14.250	12.255	0.86	2.853	13.938	11.987	0.86	2.988	13.563	11.664	0.86	3.192
32	22	15.188	11.239	0.74	2.921	14.875	11.008	0.74	3.090	14.500	10.730	0.74	3.294
34	16	12.375	12.375	1.00	2.717	12.000	12.000	1.00	2.870	11.625	11.625	1.00	3.039
34	18	13.250	13.250	1.00	2.768	12.875	12.875	1.00	2.921	12.438	12.438	1.00	3.124
34	20	14.250	13.395	0.94	2.853	13.938	13.102	0.94	2.988	13.563	12.749	0.94	3.192
34	22	15.188	12.454	0.82	2.921	14.875	12.198	0.82	3.090	14.500	11.890	0.82	3.294

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.211	8.497	7.987	0.94	3.482	8.278	7.781	0.94	3.750
14	8	8.851	7.700	0.87	3.217	8.559	7.446	0.87	3.488	8.326	7.244	0.87	3.757
14	9	9.220	7.284	0.79	3.243	8.904	7.034	0.79	3.521	8.643	6.828	0.79	3.794
16	8	9.138	8.590	0.94	3.238	8.865	8.333	0.94	3.517	8.638	8.120	0.94	3.793
16	9	9.288	7.895	0.85	3.248	8.973	7.627	0.85	3.526	8.721	7.413	0.85	3.802
16	11	9.716	7.481	0.77	3.275	9.385	7.226	0.77	3.562	9.108	7.013	0.77	3.845
18	10	9.517	8.851	0.93	3.263	9.239	8.592	0.93	3.550	9.003	8.373	0.93	3.833
18	11	9.754	8.193	0.84	3.278	9.422	7.914	0.84	3.564	9.145	7.682	0.84	3.849
18	12	10.236	7.677	0.75	3.305	9.890	7.418	0.75	3.602	9.595	7.196	0.75	3.895
20	16	11.125	6.898	0.62	3.260	10.625	6.588	0.62	3.498	10.125	6.278	0.62	3.787
20	18	12.000	6.000	0.50	3.345	11.625	5.813	0.50	3.600	10.875	5.438	0.50	3.871
20	20	13.000	4.940	0.38	3.430	12.500	4.750	0.38	3.668	11.750	4.465	0.38	3.939
22	16	11.125	7.788	0.70	3.260	10.625	7.438	0.70	3.498	10.125	7.088	0.70	3.787
22	18	12.000	6.960	0.58	3.345	11.625	6.743	0.58	3.600	10.875	6.308	0.58	3.871
22	20	13.000	5.980	0.46	3.430	12.500	5.750	0.46	3.668	11.750	5.405	0.46	3.939
24	16	11.125	8.678	0.78	3.260	10.625	8.288	0.78	3.498	10.125	7.898	0.78	3.787
24	18	12.000	7.920	0.66	3.345	11.625	7.673	0.66	3.600	10.875	7.178	0.66	3.871
24	20	13.000	7.020	0.54	3.430	12.500	6.750	0.54	3.668	11.750	6.345	0.54	3.939
24	22	14.000	5.880	0.42	3.498	13.500	5.670	0.42	3.770	12.750	5.355	0.42	4.007
26	16	11.125	9.568	0.86	3.260	10.625	9.138	0.86	3.498	10.125	8.708	0.86	3.787
26	18	12.000	8.880	0.74	3.345	11.625	8.603	0.74	3.600	10.875	8.048	0.74	3.871
26	20	13.000	8.060	0.62	3.430	12.500	7.750	0.62	3.668	11.750	7.285	0.62	3.939
26	22	14.000	7.000	0.50	3.498	13.500	6.750	0.50	3.770	12.750	6.375	0.50	4.007
27	16	11.125	10.013	0.90	3.260	10.625	9.563	0.90	3.498	10.125	9.113	0.90	3.787
27	18	12.000	9.360	0.78	3.345	11.625	9.068	0.78	3.600	10.875	8.483	0.78	3.871
27	20	13.000	8.580	0.66	3.430	12.500	8.250	0.66	3.668	11.750	7.755	0.66	3.939
27	22	14.000	7.560	0.54	3.498	13.500	7.290	0.54	3.770	12.750	6.885	0.54	4.007
28	16	11.125	10.458	0.94	3.260	10.625	9.988	0.94	3.498	10.125	9.518	0.94	3.787
28	18	12.000	9.840	0.82	3.345	11.625	9.533	0.82	3.600	10.875	8.918	0.82	3.871
28	20	13.000	9.100	0.70	3.430	12.500	8.750	0.70	3.668	11.750	8.225	0.70	3.939
28	22	14.000	8.120	0.58	3.498	13.500	7.830	0.58	3.770	12.750	7.395	0.58	4.007
30	16	11.125	11.125	1.00	3.260	10.625	10.625	1.00	3.498	10.125	10.125	1.00	3.787
30	18	12.000	10.800	0.90	3.345	11.625	10.463	0.90	3.600	10.875	9.788	0.90	3.871
30	20	13.000	10.140	0.78	3.430	12.500	9.750	0.78	3.668	11.750	9.165	0.78	3.939
30	22	14.000	9.240	0.66	3.498	13.500	8.910	0.66	3.770	12.750	8.415	0.66	4.007
32	16	11.125	11.125	1.00	3.260	10.625	10.625	1.00	3.498	10.125	10.125	1.00	3.787
32	18	12.000	11.760	0.98	3.345	11.625	11.393	0.98	3.600	10.875	10.658	0.98	3.871
32	20	13.000	11.180	0.86	3.430	12.500	10.750	0.86	3.668	11.750	10.105	0.86	3.939
32	22	14.000	10.360	0.74	3.498	13.500	9.990	0.74	3.770	12.750	9.435	0.74	4.007
34	16	11.125	11.125	1.00	3.260	10.625	10.625	1.00	3.498	10.125	10.125	1.00	3.787
34	18	12.000	12.000	1.00	3.345	11.625	1						

COOLING CAPACITY
PLA-M140EA2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.322	0.92	2.746	9.896	9.104	0.92	3.000	9.659	8.886	0.92	3.253
14	8	10.349	8.797	0.85	2.745	10.072	8.561	0.85	3.003	9.796	8.327	0.85	3.261
14	9	10.777	8.298	0.77	2.741	10.489	8.077	0.77	3.010	10.201	7.855	0.77	3.279
16	8	10.557	9.712	0.92	2.742	10.313	9.488	0.92	3.008	10.068	9.263	0.92	3.274
16	9	10.855	9.010	0.83	2.740	10.566	8.770	0.83	3.011	10.276	8.529	0.83	3.283
16	11	11.355	8.516	0.75	2.733	11.051	8.288	0.75	3.018	10.746	8.060	0.75	3.304
18	10	10.994	10.005	0.91	2.737	10.738	9.772	0.91	3.015	10.481	9.538	0.91	3.292
18	11	11.398	9.346	0.82	2.734	11.092	9.095	0.82	3.019	10.787	8.845	0.82	3.305
18	12	11.968	8.737	0.73	2.725	11.643	8.499	0.73	3.024	11.319	8.263	0.73	3.323
20	16	13.266	7.960	0.60	2.997	12.864	7.718	0.60	3.165	12.462	7.477	0.60	3.353
20	18	14.204	6.818	0.48	3.053	13.802	6.625	0.48	3.222	13.333	6.400	0.48	3.446
20	20	15.276	5.499	0.36	3.147	14.941	5.379	0.36	3.296	14.539	5.234	0.36	3.521
22	16	13.266	9.021	0.68	2.997	12.864	8.748	0.68	3.165	12.462	8.474	0.68	3.353
22	18	14.204	7.954	0.56	3.053	13.802	7.729	0.56	3.222	13.333	7.466	0.56	3.446
22	20	15.276	6.721	0.44	3.147	14.941	6.574	0.44	3.296	14.539	6.397	0.44	3.521
24	16	13.266	10.082	0.76	2.997	12.864	9.777	0.76	3.165	12.462	9.471	0.76	3.353
24	18	14.204	9.091	0.64	3.053	13.802	8.833	0.64	3.222	13.333	8.533	0.64	3.446
24	20	15.276	7.944	0.52	3.147	14.941	7.769	0.52	3.296	14.539	7.560	0.52	3.521
24	22	16.281	6.512	0.40	3.222	15.946	6.378	0.40	3.409	15.544	6.218	0.40	3.634
26	16	13.266	11.143	0.84	2.997	12.864	10.806	0.84	3.165	12.462	10.468	0.84	3.353
26	18	14.204	10.227	0.72	3.053	13.802	9.937	0.72	3.222	13.333	9.600	0.72	3.446
26	20	15.276	9.166	0.60	3.147	14.941	8.965	0.60	3.296	14.539	8.723	0.60	3.521
26	22	16.281	7.815	0.48	3.222	15.946	7.654	0.48	3.409	15.544	7.461	0.48	3.634
27	16	13.266	11.674	0.88	2.997	12.864	11.320	0.88	3.165	12.462	10.967	0.88	3.353
27	18	14.204	10.795	0.76	3.053	13.802	10.490	0.76	3.222	13.333	10.133	0.76	3.446
27	20	15.276	9.777	0.64	3.147	14.941	9.562	0.64	3.296	14.539	9.305	0.64	3.521
27	22	16.281	8.466	0.52	3.222	15.946	8.292	0.52	3.409	15.544	8.083	0.52	3.634
28	16	13.266	12.205	0.92	2.997	12.864	11.835	0.92	3.165	12.462	11.465	0.92	3.353
28	18	14.204	11.363	0.80	3.053	13.802	11.042	0.80	3.222	13.333	10.666	0.80	3.446
28	20	15.276	10.388	0.68	3.147	14.941	10.160	0.68	3.296	14.539	9.887	0.68	3.521
28	22	16.281	9.117	0.56	3.222	15.946	8.930	0.56	3.409	15.544	8.705	0.56	3.634
30	16	13.266	13.266	1.00	2.997	12.864	12.864	1.00	3.165	12.462	12.462	1.00	3.353
30	18	14.204	12.500	0.88	3.053	13.802	12.146	0.88	3.222	13.333	11.733	0.88	3.446
30	20	15.276	11.610	0.76	3.147	14.941	11.355	0.76	3.296	14.539	11.050	0.76	3.521
30	22	16.281	10.420	0.64	3.222	15.946	10.205	0.64	3.409	15.544	9.948	0.64	3.634
32	16	13.266	13.266	1.00	2.997	12.864	12.864	1.00	3.165	12.462	12.462	1.00	3.353
32	18	14.204	13.636	0.96	3.053	13.802	13.250	0.96	3.222	13.333	12.800	0.96	3.446
32	20	15.276	12.832	0.84	3.147	14.941	12.550	0.84	3.296	14.539	12.213	0.84	3.521
32	22	16.281	11.722	0.72	3.222	15.946	11.481	0.72	3.409	15.544	11.192	0.72	3.634
34	16	13.266	13.266	1.00	2.997	12.864	12.864	1.00	3.165	12.462	12.462	1.00	3.353
34	18	14.204	14.204	1.00	3.053	13.802	13.802	1.00	3.222	13.333	13.333	1.00	3.446
34	20	15.276	14.054	0.92	3.147	14.941	13.746	0.92	3.296	14.539	13.376	0.92	3.521
34	22	16.281	13.025	0.80	3.222	15.946	12.757	0.80	3.409	15.544	12.435	0.80	3.634

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	3.542	9.109	8.380	0.92	3.841	8.874	8.164	0.92	4.137
14	8	9.488	8.065	0.85	3.549	9.175	7.799	0.85	3.848	8.926	7.587	0.85	4.144
14	9	9.883	7.610	0.77	3.577	9.545	7.350	0.77	3.884	9.265	7.134	0.77	4.185
16	8	9.796	9.012	0.92	3.572	9.503	8.743	0.92	3.879	9.260	8.519	0.92	4.184
16	9	9.957	8.264	0.83	3.583	9.619	7.984	0.83	3.889	9.348	7.759	0.83	4.194
16	11	10.415	7.811	0.75	3.613	10.061	7.546	0.75	3.929	9.764	7.323	0.75	4.241
18	10	10.203	9.285	0.91	3.599	9.904	9.013	0.91	3.916	9.652	8.783	0.91	4.229
18	11	10.456	8.574	0.82	3.615	10.100	8.282	0.82	3.932	9.803	8.038	0.82	4.246
18	12	10.973	8.010	0.73	3.645	10.602	7.739	0.73	3.973	10.286	7.509	0.73	4.296
20	16	11.926	7.156	0.60	3.596	11.390	6.834	0.60	3.858	10.854	6.512	0.60	4.177
20	18	12.864	6.175	0.48	3.690	12.462	5.982	0.48	3.971	11.658	5.596	0.48	4.270
20	20	13.936	5.017	0.36	3.783	13.400	4.824	0.36	4.046	12.596	4.535	0.36	4.345
22	16	11.926	8.110	0.68	3.596	11.390	7.745	0.68	3.858	10.854	7.381	0.68	4.177
22	18	12.864	7.204	0.56	3.690	12.462	6.979	0.56	3.971	11.658	6.528	0.56	4.270
22	20	13.936	6.132	0.44	3.783	13.400	5.896	0.44	4.046	12.596	5.542	0.44	4.345
24	16	11.926	9.064	0.76	3.596	11.390	8.656	0.76	3.858	10.854	8.249	0.76	4.177
24	18	12.864	8.233	0.64	3.690	12.462	7.976	0.64	3.971	11.658	7.461	0.64	4.270
24	20	13.936	7.247	0.52	3.783	13.400	6.968	0.52	4.046	12.596	6.550	0.52	4.345
24	22	15.008	6.003	0.40	3.858	14.472	5.789	0.40	4.158	13.668	5.467	0.40	4.420
26	16	11.926	10.018	0.84	3.596	11.390	9.568	0.84	3.858	10.854	9.117	0.84	4.177
26	18	12.864	9.262	0.72	3.690	12.462	8.973	0.72	3.971	11.658	8.394	0.72	4.270
26	20	13.936	8.362	0.60	3.783	13.400	8.040	0.60	4.046	12.596	7.558	0.60	4.345
26	22	15.008	7.204	0.48	3.858	14.472	6.947	0.48	4.158	13.668	6.561	0.48	4.420
27	16	11.926	10.495	0.88	3.596	11.390	10.023	0.88	3.858	10.854	9.552	0.88	4.177
27	18	12.864	9.777	0.76	3.690	12.462	9.471	0.76	3.971	11.658	8.860	0.76	4.270
27	20	13.936	8.919	0.64	3.783	13.400	8.576	0.64	4.046	12.596	8.061	0.64	4.345
27	22	15.008	7.804	0.52	3.858	14.472	7.525	0.52	4.158	13.668	7.107	0.52	4.420
28	16	11.926	10.972	0.92	3.596	11.390	10.479	0.92	3.858	10.854	9.986	0.92	4.177
28	18	12.864	10.291	0.80	3.690	12.462	9.970	0.80	3.971	11.658	9.326	0.80	4.270
28	20	13.936	9.476	0.68	3.783	13.400	9.112	0.68	4.046	12.596	8.565	0.68	4.345
28	22	15.008	8.404	0.56	3.858	14.472	8.104	0.56	4.158	13.668	7.654	0.56	4.420
30	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
30	18	12.864	11.320	0.88	3.690	12.462	10.967	0.88	3.971	11.658	10.259	0.88	4.270
30	20	13.936	10.591	0.76	3.783	13.400	10.184	0.76	4.046	12.596	9.573	0.76	4.345
30	22	15.008	9.605	0.64	3.858	14.472	9.262	0.64	4.158	13.668	8.748	0.64	4.420
32	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
32	18	12.864	12.349	0.96	3.690	12.462	11.964	0.96	3.971	11.658	11.192	0.96	4.270
32	20	13.936	11.706	0.84	3.783	13.400	11.256	0.84	4.046	12.596	10.581	0.84	4.345
32	22	15.008	10.806	0.72	3.858	14.472	10.420	0.72	4.158	13.668	9.841	0.72	4.420
34	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
34	18	12.864	12.864	1.00	3.								

**2.Standard Inverter SERIES
COOLING CAPACITY
PLA-M35EA2 / SUZ-M35VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	3.088	0.73	0.720	4.050	2.957	0.73	0.756	3.888	2.838	0.73	0.792	3.744	2.733	0.73	0.828
21	20	4.410	2.690	0.61	0.756	4.230	2.580	0.61	0.801	4.104	2.503	0.61	0.819	3.960	2.416	0.61	0.855
22	18	4.230	3.257	0.77	0.720	4.050	3.119	0.77	0.756	3.888	2.994	0.77	0.792	3.744	2.883	0.77	0.828
22	20	4.410	2.867	0.65	0.756	4.230	2.750	0.65	0.801	4.104	2.668	0.65	0.819	3.960	2.574	0.65	0.855
22	22	4.590	2.433	0.53	0.783	4.428	2.347	0.53	0.833	4.320	2.290	0.53	0.855	4.140	2.194	0.53	0.891
23	18	4.230	3.426	0.81	0.720	4.050	3.281	0.81	0.756	3.888	3.149	0.81	0.792	3.744	3.033	0.81	0.828
23	20	4.410	3.043	0.69	0.756	4.230	2.919	0.69	0.801	4.104	2.832	0.69	0.819	3.960	2.732	0.69	0.855
23	22	4.590	2.616	0.57	0.783	4.428	2.524	0.57	0.833	4.320	2.462	0.57	0.855	4.140	2.360	0.57	0.891
24	18	4.230	3.596	0.85	0.720	4.050	3.443	0.85	0.756	3.888	3.305	0.85	0.792	3.744	3.182	0.85	0.828
24	20	4.410	3.219	0.73	0.756	4.230	3.088	0.73	0.801	4.104	2.996	0.73	0.819	3.960	2.891	0.73	0.855
24	22	4.590	2.800	0.61	0.783	4.428	2.701	0.61	0.833	4.320	2.635	0.61	0.855	4.140	2.525	0.61	0.891
24	24	4.824	2.364	0.49	0.819	4.644	2.276	0.49	0.864	4.536	2.223	0.49	0.891	4.392	2.152	0.49	0.936
25	20	4.410	3.396	0.77	0.756	4.230	3.257	0.77	0.801	4.104	3.160	0.77	0.819	3.960	3.049	0.77	0.855
25	22	4.590	2.984	0.65	0.783	4.428	2.878	0.65	0.833	4.320	2.808	0.65	0.855	4.140	2.691	0.65	0.891
25	24	4.824	2.557	0.53	0.819	4.644	2.461	0.53	0.864	4.536	2.404	0.53	0.891	4.392	2.328	0.53	0.936
26	18	4.230	3.934	0.93	0.720	4.050	3.767	0.93	0.756	3.888	3.616	0.93	0.792	3.744	3.482	0.93	0.828
26	20	4.410	3.572	0.81	0.756	4.230	3.426	0.81	0.801	4.104	3.324	0.81	0.819	3.960	3.208	0.81	0.855
26	22	4.590	3.167	0.69	0.783	4.428	3.055	0.69	0.833	4.320	2.981	0.69	0.855	4.140	2.857	0.69	0.891
26	24	4.824	2.750	0.57	0.819	4.644	2.647	0.57	0.864	4.536	2.586	0.57	0.891	4.392	2.503	0.57	0.936
26	26	4.968	2.236	0.45	0.864	4.824	2.171	0.45	0.909	4.752	2.138	0.45	0.936	4.608	2.074	0.45	0.963
27	18	4.230	4.103	0.97	0.720	4.050	3.929	0.97	0.756	3.888	3.771	0.97	0.792	3.744	3.632	0.97	0.828
27	20	4.410	3.749	0.85	0.756	4.230	3.596	0.85	0.801	4.104	3.488	0.85	0.819	3.960	3.366	0.85	0.855
27	22	4.590	3.351	0.73	0.783	4.428	3.232	0.73	0.833	4.320	3.154	0.73	0.855	4.140	3.022	0.73	0.891
27	24	4.824	2.943	0.61	0.819	4.644	2.833	0.61	0.864	4.536	2.767	0.61	0.891	4.392	2.679	0.61	0.936
27	26	4.968	2.434	0.49	0.864	4.824	2.364	0.49	0.909	4.752	2.328	0.49	0.936	4.608	2.258	0.49	0.963
28	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
28	20	4.410	3.925	0.89	0.756	4.230	3.765	0.89	0.801	4.104	3.653	0.89	0.819	3.960	3.524	0.89	0.855
28	22	4.590	3.534	0.77	0.783	4.428	3.410	0.77	0.833	4.320	3.326	0.77	0.855	4.140	3.188	0.77	0.891
28	24	4.824	3.136	0.65	0.819	4.644	3.019	0.65	0.864	4.536	2.948	0.65	0.891	4.392	2.855	0.65	0.936
28	26	4.968	2.633	0.53	0.864	4.824	2.557	0.53	0.909	4.752	2.519	0.53	0.936	4.608	2.442	0.53	0.963
29	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
29	20	4.410	4.101	0.93	0.756	4.230	3.934	0.93	0.801	4.104	3.817	0.93	0.819	3.960	3.683	0.93	0.855
29	22	4.590	3.718	0.81	0.783	4.428	3.587	0.81	0.833	4.320	3.499	0.81	0.855	4.140	3.353	0.81	0.891
29	24	4.824	3.329	0.69	0.819	4.644	3.204	0.69	0.864	4.536	3.130	0.69	0.891	4.392	3.030	0.69	0.936
29	26	4.968	2.832	0.57	0.864	4.824	2.750	0.57	0.909	4.752	2.709	0.57	0.936	4.608	2.627	0.57	0.963
30	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
30	20	4.410	4.278	0.97	0.756	4.230	4.103	0.97	0.801	4.104	3.981	0.97	0.819	3.960	3.841	0.97	0.855
30	22	4.590	3.902	0.85	0.783	4.428	3.764	0.85	0.833	4.320	3.672	0.85	0.855	4.140	3.519	0.85	0.891
30	24	4.824	3.522	0.73	0.819	4.644	3.390	0.73	0.864	4.536	3.311	0.73	0.891	4.392	3.206	0.73	0.936
30	26	4.968	3.030	0.61	0.864	4.824	2.943	0.61	0.909	4.752	2.899	0.61	0.936	4.608	2.811	0.61	0.963
31	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
31	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
31	22	4.590	4.085	0.89	0.783	4.428	3.941	0.89	0.833	4.320	3.845	0.89	0.855	4.140	3.685	0.89	0.891
31	24	4.824	3.714	0.77	0.819	4.644	3.576	0.77	0.864	4.536	3.493	0.77	0.891	4.392	3.382	0.77	0.936
31	26	4.968	3.229	0.65	0.864	4.824	3.136	0.65	0.909	4.752	3.089	0.65	0.936	4.608	2.995	0.65	0.963
32	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
32	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
32	22	4.590	4.269	0.93	0.783	4.428	4.118	0.93	0.833	4.320	4.018	0.93	0.855	4.140	3.850	0.93	0.891
32	24	4.824	3.907	0.81	0.819	4.644	3.762	0.81	0.864	4.536	3.674	0.81	0.891	4.392	3.558	0.81	0.936
32	26	4.968	3.428	0.69	0.864	4.824	3.329	0.69	0.909	4.752	3.279	0.69	0.936	4.608	3.180	0.69	0.963

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M35EA2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.575	0.73	0.882	3.240	2.365	0.73	0.936	2.988	2.181	0.73	0.972
21	20	3.708	2.262	0.61	0.918	3.456	2.108	0.61	0.963	3.204	1.954	0.61	1.017
22	18	3.528	2.717	0.77	0.882	3.240	2.495	0.77	0.936	2.988	2.301	0.77	0.972
22	20	3.708	2.410	0.65	0.918	3.456	2.246	0.65	0.963	3.204	2.083	0.65	1.017
22	22	3.924	2.080	0.53	0.954	3.672	1.946	0.53	1.008	3.420	1.813	0.53	1.044
23	18	3.528	2.858	0.81	0.882	3.240	2.624	0.81	0.936	2.988	2.420	0.81	0.972
23	20	3.708	2.559	0.69	0.918	3.456	2.385	0.69	0.963	3.204	2.211	0.69	1.017
23	22	3.924	2.237	0.57	0.954	3.672	2.093	0.57	1.008	3.420	1.949	0.57	1.044
24	18	3.528	2.999	0.85	0.882	3.240	2.754	0.85	0.936	2.988	2.540	0.85	0.972
24	20	3.708	2.707	0.73	0.918	3.456	2.523	0.73	0.963	3.204	2.339	0.73	1.017
24	22	3.924	2.394	0.61	0.954	3.672	2.240	0.61	1.008	3.420	2.086	0.61	1.044
24	24	4.140	2.029	0.49	0.990	3.888	1.905	0.49	1.035	3.672	1.799	0.49	1.080
25	20	3.708	2.855	0.77	0.918	3.456	2.661	0.77	0.963	3.204	2.467	0.77	1.017
25	22	3.924	2.551	0.65	0.954	3.672	2.387	0.65	1.008	3.420	2.223	0.65	1.044
25	24	4.140	2.194	0.53	0.990	3.888	2.061	0.53	1.035	3.672	1.946	0.53	1.080
26	18	3.528	3.281	0.93	0.882	3.240	3.013	0.93	0.936	2.988	2.779	0.93	0.972
26	20	3.708	3.003	0.81	0.918	3.456	2.799	0.81	0.963	3.204	2.595	0.81	1.017
26	22	3.924	2.708	0.69	0.954	3.672	2.534	0.69	1.008	3.420	2.360	0.69	1.044
26	24	4.140	2.360	0.57	0.990	3.888	2.216	0.57	1.035	3.672	2.093	0.57	1.080
26	26	4.356	1.960	0.45	1.026	4.104	1.847	0.45	1.071	3.852	1.733	0.45	1.116
27	18	3.528	3.422	0.97	0.882	3.240	3.143	0.97	0.936	2.988	2.898	0.97	0.972
27	20	3.708	3.152	0.85	0.918	3.456	2.938	0.85	0.963	3.204	2.723	0.85	1.017
27	22	3.924	2.865	0.73	0.954	3.672	2.681	0.73	1.008	3.420	2.497	0.73	1.044
27	24	4.140	2.525	0.61	0.990	3.888	2.372	0.61	1.035	3.672	2.240	0.61	1.080
27	26	4.356	2.134	0.49	1.026	4.104	2.011	0.49	1.071	3.852	1.887	0.49	1.116
28	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
28	20	3.708	3.300	0.89	0.918	3.456	3.076	0.89	0.963	3.204	2.852	0.89	1.017
28	22	3.924	3.021	0.77	0.954	3.672	2.827	0.77	1.008	3.420	2.633	0.77	1.044
28	24	4.140	2.691	0.65	0.990	3.888	2.527	0.65	1.035	3.672	2.387	0.65	1.080
28	26	4.356	2.309	0.53	1.026	4.104	2.175	0.53	1.071	3.852	2.042	0.53	1.116
29	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
29	20	3.708	3.448	0.93	0.918	3.456	3.214	0.93	0.963	3.204	2.980	0.93	1.017
29	22	3.924	3.178	0.81	0.954	3.672	2.974	0.81	1.008	3.420	2.770	0.81	1.044
29	24	4.140	2.857	0.69	0.990	3.888	2.683	0.69	1.035	3.672	2.534	0.69	1.080
29	26	4.356	2.483	0.57	1.026	4.104	2.339	0.57	1.071	3.852	2.196	0.57	1.116
30	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
30	20	3.708	3.597	0.97	0.918	3.456	3.352	0.97	0.963	3.204	3.108	0.97	1.017
30	22	3.924	3.335	0.85	0.954	3.672	3.121	0.85	1.008	3.420	2.907	0.85	1.044
30	24	4.140	3.022	0.73	0.990	3.888	2.838	0.73	1.035	3.672	2.681	0.73	1.080
30	26	4.356	2.657	0.61	1.026	4.104	2.503	0.61	1.071	3.852	2.350	0.61	1.116
31	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
31	20	3.708	3.708	1.00	0.918	3.456	3.456	1.00	0.963	3.204	3.204	1.00	1.017
31	22	3.924	3.492	0.89	0.954	3.672	3.268	0.89	1.008	3.420	3.044	0.89	1.044
31	24	4.140	3.188	0.77	0.990	3.888	2.994	0.77	1.035	3.672	2.827	0.77	1.080
31	26	4.356	2.831	0.65	1.026	4.104	2.668	0.65	1.071	3.852	2.504	0.65	1.116
32	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
32	20	3.708	3.708	1.00	0.918	3.456	3.456	1.00	0.963	3.204	3.204	1.00	1.017
32	22	3.924	3.649	0.93	0.954	3.672	3.415	0.93	1.008	3.420	3.181	0.93	1.044
32	24	4.140	3.353	0.81	0.990	3.888	3.149	0.81	1.035	3.672	2.974	0.81	1.080
32	26	4.356	3.006	0.69	1.026	4.104	2.832	0.69	1.071	3.852	2.658	0.69	1.116

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M50EA2 / SUZ-M50VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.463	3.813	0.59	1.294	6.188	3.651	0.59	1.358	5.940	3.505	0.59	1.423	5.720	3.375	0.59	1.488
21	20	6.738	3.167	0.47	1.358	6.463	3.038	0.47	1.439	6.270	2.947	0.47	1.471	6.050	2.844	0.47	1.536
22	18	6.463	4.072	0.63	1.294	6.188	3.898	0.63	1.358	5.940	3.742	0.63	1.423	5.720	3.604	0.63	1.488
22	20	6.738	3.436	0.51	1.358	6.463	3.296	0.51	1.439	6.270	3.198	0.51	1.471	6.050	3.086	0.51	1.536
22	22	7.013	2.735	0.39	1.407	6.765	2.638	0.39	1.496	6.600	2.574	0.39	1.536	6.325	2.467	0.39	1.601
23	18	6.463	4.330	0.67	1.294	6.188	4.146	0.67	1.358	5.940	3.980	0.67	1.423	5.720	3.832	0.67	1.488
23	20	6.738	3.706	0.55	1.358	6.463	3.555	0.55	1.439	6.270	3.449	0.55	1.471	6.050	3.328	0.55	1.536
23	22	7.013	3.016	0.43	1.407	6.765	2.909	0.43	1.496	6.600	2.838	0.43	1.536	6.325	2.720	0.43	1.601
24	18	6.463	4.589	0.71	1.294	6.188	4.393	0.71	1.358	5.940	4.217	0.71	1.423	5.720	4.061	0.71	1.488
24	20	6.738	3.975	0.59	1.358	6.463	3.813	0.59	1.439	6.270	3.699	0.59	1.471	6.050	3.570	0.59	1.536
24	22	7.013	3.296	0.47	1.407	6.765	3.180	0.47	1.496	6.600	3.102	0.47	1.536	6.325	2.973	0.47	1.601
24	24	7.370	2.580	0.35	1.471	7.095	2.483	0.35	1.552	6.930	2.426	0.35	1.601	6.710	2.349	0.35	1.682
25	20	6.738	4.245	0.63	1.358	6.463	4.072	0.63	1.439	6.270	3.950	0.63	1.471	6.050	3.812	0.63	1.536
25	22	7.013	3.577	0.51	1.407	6.765	3.450	0.51	1.496	6.600	3.366	0.51	1.536	6.325	3.226	0.51	1.601
25	24	7.370	2.874	0.39	1.471	7.095	2.767	0.39	1.552	6.930	2.703	0.39	1.601	6.710	2.617	0.39	1.682
26	18	6.463	5.106	0.79	1.294	6.188	4.889	0.79	1.358	5.940	4.693	0.79	1.423	5.720	4.519	0.79	1.488
26	20	6.738	4.514	0.67	1.358	6.463	4.330	0.67	1.439	6.270	4.201	0.67	1.471	6.050	4.054	0.67	1.536
26	22	7.013	3.857	0.55	1.407	6.765	3.721	0.55	1.496	6.600	3.630	0.55	1.536	6.325	3.479	0.55	1.601
26	24	7.370	3.169	0.43	1.471	7.095	3.051	0.43	1.552	6.930	2.980	0.43	1.601	6.710	2.885	0.43	1.682
26	26	7.590	2.353	0.31	1.552	7.370	2.285	0.31	1.633	7.260	2.251	0.31	1.682	7.040	2.182	0.31	1.730
27	18	6.463	5.364	0.83	1.294	6.188	5.136	0.83	1.358	5.940	4.930	0.83	1.423	5.720	4.748	0.83	1.488
27	20	6.738	4.784	0.71	1.358	6.463	4.599	0.71	1.439	6.270	4.452	0.71	1.471	6.050	4.296	0.71	1.536
27	22	7.013	4.138	0.59	1.407	6.765	3.991	0.59	1.496	6.600	3.894	0.59	1.536	6.325	3.732	0.59	1.601
27	24	7.370	3.464	0.47	1.471	7.095	3.335	0.47	1.552	6.930	3.257	0.47	1.601	6.710	3.154	0.47	1.682
27	26	7.590	2.657	0.35	1.552	7.370	2.580	0.35	1.633	7.260	2.541	0.35	1.682	7.040	2.464	0.35	1.730
28	18	6.463	5.623	0.87	1.294	6.188	5.384	0.87	1.358	5.940	5.168	0.87	1.423	5.720	4.976	0.87	1.488
28	20	6.738	5.054	0.75	1.358	6.463	4.847	0.75	1.439	6.270	4.703	0.75	1.471	6.050	4.538	0.75	1.536
28	22	7.013	4.418	0.63	1.407	6.765	4.262	0.63	1.496	6.600	4.158	0.63	1.536	6.325	3.985	0.63	1.601
28	24	7.370	3.759	0.51	1.471	7.095	3.618	0.51	1.552	6.930	3.534	0.51	1.601	6.710	3.422	0.51	1.682
28	26	7.590	2.960	0.39	1.552	7.370	2.874	0.39	1.633	7.260	2.831	0.39	1.682	7.040	2.746	0.39	1.730
29	18	6.463	5.881	0.91	1.294	6.188	5.631	0.91	1.358	5.940	5.405	0.91	1.423	5.720	5.205	0.91	1.488
29	20	6.738	5.323	0.79	1.358	6.463	5.106	0.79	1.439	6.270	4.953	0.79	1.471	6.050	4.780	0.79	1.536
29	22	7.013	4.699	0.67	1.407	6.765	4.533	0.67	1.496	6.600	4.422	0.67	1.536	6.325	4.238	0.67	1.601
29	24	7.370	4.054	0.55	1.471	7.095	3.902	0.55	1.552	6.930	3.812	0.55	1.601	6.710	3.691	0.55	1.682
29	26	7.590	3.264	0.43	1.552	7.370	3.169	0.43	1.633	7.260	3.122	0.43	1.682	7.040	3.027	0.43	1.730
30	18	6.463	6.140	0.95	1.294	6.188	5.879	0.95	1.358	5.940	5.643	0.95	1.423	5.720	5.434	0.95	1.488
30	20	6.738	5.593	0.83	1.358	6.463	5.364	0.83	1.439	6.270	5.204	0.83	1.471	6.050	5.022	0.83	1.536
30	22	7.013	4.979	0.71	1.407	6.765	4.803	0.71	1.496	6.600	4.686	0.71	1.536	6.325	4.491	0.71	1.601
30	24	7.370	4.348	0.59	1.471	7.095	4.186	0.59	1.552	6.930	4.089	0.59	1.601	6.710	3.959	0.59	1.682
30	26	7.590	3.567	0.47	1.552	7.370	3.464	0.47	1.633	7.260	3.412	0.47	1.682	7.040	3.309	0.47	1.730
31	18	6.463	6.398	0.99	1.294	6.188	6.126	0.99	1.358	5.940	5.881	0.99	1.423	5.720	5.663	0.99	1.488
31	20	6.738	5.862	0.87	1.358	6.463	5.623	0.87	1.439	6.270	5.455	0.87	1.471	6.050	5.264	0.87	1.536
31	22	7.013	5.260	0.75	1.407	6.765	5.074	0.75	1.496	6.600	4.950	0.75	1.536	6.325	4.744	0.75	1.601
31	24	7.370	4.643	0.63	1.471	7.095	4.470	0.63	1.552	6.930	4.366	0.63	1.601	6.710	4.227	0.63	1.682
31	26	7.590	3.871	0.51	1.552	7.370	3.759	0.51	1.633	7.260	3.703	0.51	1.682	7.040	3.590	0.51	1.730
32	18	6.463	6.663	1.00	1.294	6.188	6.188	1.00	1.358	5.940	5.940	1.00	1.423	5.720	5.720	1.00	1.488
32	20	6.738	6.132	0.91	1.358	6.463	5.881	0.91	1.439	6.270	5.706	0.91	1.471	6.050	5.506	0.91	1.536
32	22	7.013	5.540	0.79	1.407	6.765	5.344	0.79	1.496	6.600	5.214	0.79	1.536	6.325	4.997	0.79	1.601
32	24	7.370	4.938	0.67	1.471	7.095	4.754	0.67	1.552	6.930	4.643	0.67	1.601	6.710	4.496	0.67	1.682
32	26	7.590	4.175	0.55	1.552	7.370	4.054	0.55	1.633	7.260	3.993	0.55	1.682	7.040	3.872	0.55	1.730

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M50EA2 / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.390	3.180	0.59	1.585	4.950	2.921	0.59	1.682	4.565	2.693	0.59	1.746
21	20	5.665	2.663	0.47	1.649	5.280	2.482	0.47	1.730	4.895	2.301	0.47	1.827
22	18	5.390	3.396	0.63	1.585	4.950	3.119	0.63	1.682	4.565	2.876	0.63	1.746
22	20	5.665	2.889	0.51	1.649	5.280	2.693	0.51	1.730	4.895	2.496	0.51	1.827
22	22	5.995	2.338	0.39	1.714	5.610	2.188	0.39	1.811	5.225	2.038	0.39	1.876
23	18	5.390	3.611	0.67	1.585	4.950	3.317	0.67	1.682	4.565	3.059	0.67	1.746
23	20	5.665	3.116	0.55	1.649	5.280	2.904	0.55	1.730	4.895	2.692	0.55	1.827
23	22	5.995	2.578	0.43	1.714	5.610	2.412	0.43	1.811	5.225	2.247	0.43	1.876
24	18	5.390	3.827	0.71	1.585	4.950	3.515	0.71	1.682	4.565	3.241	0.71	1.746
24	20	5.665	3.342	0.59	1.649	5.280	3.115	0.59	1.730	4.895	2.888	0.59	1.827
24	22	5.995	2.818	0.47	1.714	5.610	2.637	0.47	1.811	5.225	2.456	0.47	1.876
24	24	6.325	2.214	0.35	1.779	5.940	2.079	0.35	1.860	5.610	1.964	0.35	1.940
25	20	5.665	3.569	0.63	1.649	5.280	3.326	0.63	1.730	4.895	3.084	0.63	1.827
25	22	5.995	3.057	0.51	1.714	5.610	2.861	0.51	1.811	5.225	2.665	0.51	1.876
25	24	6.325	2.467	0.39	1.779	5.940	2.317	0.39	1.860	5.610	2.188	0.39	1.940
26	18	5.390	4.258	0.79	1.585	4.950	3.911	0.79	1.682	4.565	3.606	0.79	1.746
26	20	5.665	3.796	0.67	1.649	5.280	3.538	0.67	1.730	4.895	3.280	0.67	1.827
26	22	5.995	3.297	0.55	1.714	5.610	3.086	0.55	1.811	5.225	2.874	0.55	1.876
26	24	6.325	2.720	0.43	1.779	5.940	2.554	0.43	1.860	5.610	2.412	0.43	1.940
26	26	6.655	2.063	0.31	1.843	6.270	1.944	0.31	1.924	5.885	1.824	0.31	2.005
27	18	5.390	4.474	0.83	1.585	4.950	4.109	0.83	1.682	4.565	3.789	0.83	1.746
27	20	5.665	4.022	0.71	1.649	5.280	3.749	0.71	1.730	4.895	3.475	0.71	1.827
27	22	5.995	3.537	0.59	1.714	5.610	3.310	0.59	1.811	5.225	3.083	0.59	1.876
27	24	6.325	2.973	0.47	1.779	5.940	2.792	0.47	1.860	5.610	2.637	0.47	1.940
27	26	6.655	2.329	0.35	1.843	6.270	2.195	0.35	1.924	5.885	2.060	0.35	2.005
28	18	5.390	4.689	0.87	1.585	4.950	4.307	0.87	1.682	4.565	3.972	0.87	1.746
28	20	5.665	4.249	0.75	1.649	5.280	3.960	0.75	1.730	4.895	3.671	0.75	1.827
28	22	5.995	3.777	0.63	1.714	5.610	3.534	0.63	1.811	5.225	3.292	0.63	1.876
28	24	6.325	3.226	0.51	1.779	5.940	3.029	0.51	1.860	5.610	2.861	0.51	1.940
28	26	6.655	2.595	0.39	1.843	6.270	2.445	0.39	1.924	5.885	2.295	0.39	2.005
29	18	5.390	4.905	0.91	1.585	4.950	4.505	0.91	1.682	4.565	4.154	0.91	1.746
29	20	5.665	4.475	0.79	1.649	5.280	4.171	0.79	1.730	4.895	3.867	0.79	1.827
29	22	5.995	4.017	0.67	1.714	5.610	3.759	0.67	1.811	5.225	3.501	0.67	1.876
29	24	6.325	3.479	0.55	1.779	5.940	3.267	0.55	1.860	5.610	3.086	0.55	1.940
29	26	6.655	2.862	0.43	1.843	6.270	2.696	0.43	1.924	5.885	2.531	0.43	2.005
30	18	5.390	5.121	0.95	1.585	4.950	4.703	0.95	1.682	4.565	4.337	0.95	1.746
30	20	5.665	4.702	0.83	1.649	5.280	4.382	0.83	1.730	4.895	4.063	0.83	1.827
30	22	5.995	4.256	0.71	1.714	5.610	3.983	0.71	1.811	5.225	3.710	0.71	1.876
30	24	6.325	3.732	0.59	1.779	5.940	3.505	0.59	1.860	5.610	3.310	0.59	1.940
30	26	6.655	3.128	0.47	1.843	6.270	2.947	0.47	1.924	5.885	2.766	0.47	2.005
31	18	5.390	5.336	0.99	1.585	4.950	4.901	0.99	1.682	4.565	4.519	0.99	1.746
31	20	5.665	4.929	0.87	1.649	5.280	4.594	0.87	1.730	4.895	4.259	0.87	1.827
31	22	5.995	4.496	0.75	1.714	5.610	4.208	0.75	1.811	5.225	3.919	0.75	1.876
31	24	6.325	3.985	0.63	1.779	5.940	3.742	0.63	1.860	5.610	3.534	0.63	1.940
31	26	6.655	3.394	0.51	1.843	6.270	3.198	0.51	1.924	5.885	3.001	0.51	2.005
32	18	5.390	5.390	1.00	1.585	4.950	4.950	1.00	1.682	4.565	4.565	1.00	1.746
32	20	5.665	5.155	0.91	1.649	5.280	4.805	0.91	1.730	4.895	4.454	0.91	1.827
32	22	5.995	4.736	0.79	1.714	5.610	4.432	0.79	1.811	5.225	4.128	0.79	1.876
32	24	6.325	4.238	0.67	1.779	5.940	3.980	0.67	1.860	5.610	3.759	0.67	1.940
32	26	6.655	3.660	0.55	1.843	6.270	3.449	0.55	1.924	5.885	3.237	0.55	2.005

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M60EA2 / SUZ-M60VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
21	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
22	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
22	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
23	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
23	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
23	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	18	7.168	5.233	0.73	1.478	6.863	5.010	0.73	1.552	6.588	4.809	0.73	1.626	6.344	4.631	0.73	1.700
24	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
24	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
24	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
25	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
25	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
25	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
26	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
26	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
26	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
26	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
27	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
27	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
27	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
27	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
27	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
28	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
28	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
28	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
28	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
28	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
29	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
29	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
29	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
29	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
29	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
30	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
30	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
30	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
30	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
30	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
31	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
31	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
31	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
31	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
31	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.288	0.53	1.922	7.808	4.138	0.53	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.950	0.93	1.552	7.168	6.666	0.93	1.645	6.954	6.467	0.93	1.682	6.710	6.240	0.93	1.756
32	22	7.778	6.300	0.81	1.608	7.503	6.077	0.81	1.709	7.320	5.929	0.81	1.756	7.015	5.682	0.81	1.830
32	24	8.174	5.640	0.69	1.682	7.869	5.430	0.69	1.774	7.686	5.303	0.69	1.830	7.442	5.135	0.69	1.922
32	26	8.418	4.798	0.57	1.774	8.174	4.659	0.57	1.866	8.052	4.590	0.57	1.922	7.808	4.451	0.57	1.977

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M60EA2 / SUZ-M60VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.647	0.61	1.811	5.490	3.349	0.61	1.922	5.063	3.088	0.61	1.996
21	20	6.283	3.079	0.49	1.885	5.856	2.869	0.49	1.977	5.429	2.660	0.49	2.088
22	18	5.978	3.886	0.65	1.811	5.490	3.569	0.65	1.922	5.063	3.291	0.65	1.996
22	20	6.283	3.330	0.53	1.885	5.856	3.104	0.53	1.977	5.429	2.877	0.53	2.088
22	22	6.649	2.726	0.41	1.959	6.222	2.551	0.41	2.070	5.795	2.376	0.41	2.144
23	18	5.978	4.125	0.69	1.811	5.490	3.788	0.69	1.922	5.063	3.493	0.69	1.996
23	20	6.283	3.581	0.57	1.885	5.856	3.338	0.57	1.977	5.429	3.095	0.57	2.088
23	22	6.649	2.992	0.45	1.959	6.222	2.800	0.45	2.070	5.795	2.608	0.45	2.144
24	18	5.978	4.364	0.73	1.811	5.490	4.008	0.73	1.922	5.063	3.696	0.73	1.996
24	20	6.283	3.833	0.61	1.885	5.856	3.572	0.61	1.977	5.429	3.312	0.61	2.088
24	22	6.649	3.258	0.49	1.959	6.222	3.049	0.49	2.070	5.795	2.840	0.49	2.144
24	24	7.015	2.596	0.37	2.033	6.588	2.438	0.37	2.125	6.222	2.302	0.37	2.218
25	20	6.283	4.084	0.65	1.885	5.856	3.806	0.65	1.977	5.429	3.529	0.65	2.088
25	22	6.649	3.524	0.53	1.959	6.222	3.298	0.53	2.070	5.795	3.071	0.53	2.144
25	24	7.015	2.876	0.41	2.033	6.588	2.701	0.41	2.125	6.222	2.551	0.41	2.218
26	18	5.978	4.842	0.81	1.811	5.490	4.447	0.81	1.922	5.063	4.101	0.81	1.996
26	20	6.283	4.335	0.69	1.885	5.856	4.041	0.69	1.977	5.429	3.746	0.69	2.088
26	22	6.649	3.790	0.57	1.959	6.222	3.547	0.57	2.070	5.795	3.303	0.57	2.144
26	24	7.015	3.157	0.45	2.033	6.588	2.965	0.45	2.125	6.222	2.800	0.45	2.218
26	26	7.381	2.436	0.33	2.107	6.954	2.295	0.33	2.199	6.527	2.154	0.33	2.292
27	18	5.978	5.081	0.85	1.811	5.490	4.667	0.85	1.922	5.063	4.304	0.85	1.996
27	20	6.283	4.587	0.73	1.885	5.856	4.275	0.73	1.977	5.429	3.963	0.73	2.088
27	22	6.649	4.056	0.61	1.959	6.222	3.795	0.61	2.070	5.795	3.535	0.61	2.144
27	24	7.015	3.437	0.49	2.033	6.588	3.228	0.49	2.125	6.222	3.049	0.49	2.218
27	26	7.381	2.731	0.37	2.107	6.954	2.573	0.37	2.199	6.527	2.415	0.37	2.292
28	18	5.978	5.320	0.89	1.811	5.490	4.886	0.89	1.922	5.063	4.506	0.89	1.996
28	20	6.283	4.838	0.77	1.885	5.856	4.509	0.77	1.977	5.429	4.180	0.77	2.088
28	22	6.649	4.322	0.65	1.959	6.222	4.044	0.65	2.070	5.795	3.767	0.65	2.144
28	24	7.015	3.718	0.53	2.033	6.588	3.492	0.53	2.125	6.222	3.298	0.53	2.218
28	26	7.381	3.026	0.41	2.107	6.954	2.851	0.41	2.199	6.527	2.676	0.41	2.292
29	18	5.978	5.560	0.93	1.811	5.490	5.106	0.93	1.922	5.063	4.709	0.93	1.996
29	20	6.283	5.089	0.81	1.885	5.856	4.743	0.81	1.977	5.429	4.397	0.81	2.088
29	22	6.649	4.588	0.69	1.959	6.222	4.293	0.69	2.070	5.795	3.999	0.69	2.144
29	24	7.015	3.999	0.57	2.033	6.588	3.755	0.57	2.125	6.222	3.547	0.57	2.218
29	26	7.381	3.321	0.45	2.107	6.954	3.129	0.45	2.199	6.527	2.937	0.45	2.292
30	18	5.978	5.799	0.97	1.811	5.490	5.325	0.97	1.922	5.063	4.911	0.97	1.996
30	20	6.283	5.341	0.85	1.885	5.856	4.978	0.85	1.977	5.429	4.615	0.85	2.088
30	22	6.649	4.854	0.73	1.959	6.222	4.542	0.73	2.070	5.795	4.230	0.73	2.144
30	24	7.015	4.279	0.61	2.033	6.588	4.019	0.61	2.125	6.222	3.795	0.61	2.218
30	26	7.381	3.617	0.49	2.107	6.954	3.407	0.49	2.199	6.527	3.198	0.49	2.292
31	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
31	20	6.283	5.592	0.89	1.885	5.856	5.212	0.89	1.977	5.429	4.832	0.89	2.088
31	22	6.649	5.120	0.77	1.959	6.222	4.791	0.77	2.070	5.795	4.462	0.77	2.144
31	24	7.015	4.560	0.65	2.033	6.588	4.282	0.65	2.125	6.222	4.044	0.65	2.218
31	26	7.381	3.912	0.53	2.107	6.954	3.686	0.53	2.199	6.527	3.459	0.53	2.292
32	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
32	20	6.283	5.843	0.93	1.885	5.856	5.446	0.93	1.977	5.429	5.049	0.93	2.088
32	22	6.649	5.386	0.81	1.959	6.222	5.040	0.81	2.070	5.795	4.694	0.81	2.144
32	24	7.015	4.840	0.69	2.033	6.588	4.546	0.69	2.125	6.222	4.293	0.69	2.218
32	26	7.381	4.207	0.57	2.107	6.954	3.964	0.57	2.199	6.527	3.720	0.57	2.292

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M71EA2 / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.534	7.988	4.473	0.56	1.611	7.668	4.294	0.56	1.688	7.384	4.135	0.56	1.765
21	20	8.698	3.827	0.44	1.611	8.343	3.671	0.44	1.707	8.094	3.561	0.44	1.745	7.810	3.436	0.44	1.822
22	18	8.343	5.006	0.60	1.534	7.988	4.793	0.60	1.611	7.668	4.601	0.60	1.688	7.384	4.430	0.60	1.765
22	20	8.698	4.175	0.48	1.611	8.343	4.005	0.48	1.707	8.094	3.885	0.48	1.745	7.810	3.749	0.48	1.822
22	22	9.053	3.259	0.36	1.669	8.733	3.144	0.36	1.774	8.520	3.067	0.36	1.822	8.165	2.939	0.36	1.899
23	18	8.343	5.340	0.64	1.534	7.988	5.112	0.64	1.611	7.668	4.908	0.64	1.688	7.384	4.726	0.64	1.765
23	20	8.698	4.523	0.52	1.611	8.343	4.338	0.52	1.707	8.094	4.209	0.52	1.745	7.810	4.061	0.52	1.822
23	22	9.053	3.621	0.40	1.669	8.733	3.493	0.40	1.774	8.520	3.408	0.40	1.822	8.165	3.266	0.40	1.899
24	18	8.343	5.673	0.68	1.534	7.988	5.432	0.68	1.611	7.668	5.214	0.68	1.688	7.384	5.021	0.68	1.765
24	20	8.698	4.871	0.56	1.611	8.343	4.672	0.56	1.707	8.094	4.533	0.56	1.745	7.810	4.374	0.56	1.822
24	22	9.053	3.983	0.44	1.669	8.733	3.843	0.44	1.774	8.520	3.749	0.44	1.822	8.165	3.593	0.44	1.899
24	24	9.514	3.044	0.32	1.745	9.159	2.931	0.32	1.841	8.946	2.863	0.32	1.899	8.662	2.772	0.32	1.995
25	20	8.698	5.219	0.60	1.611	8.343	5.006	0.60	1.707	8.094	4.856	0.60	1.745	7.810	4.686	0.60	1.822
25	22	9.053	4.345	0.48	1.669	8.733	4.192	0.48	1.774	8.520	4.090	0.48	1.822	8.165	3.919	0.48	1.899
25	24	9.514	3.425	0.36	1.745	9.159	3.297	0.36	1.841	8.946	3.221	0.36	1.899	8.662	3.118	0.36	1.995
26	18	8.343	6.341	0.76	1.534	7.988	6.071	0.76	1.611	7.668	5.828	0.76	1.688	7.384	5.612	0.76	1.765
26	20	8.698	5.567	0.64	1.611	8.343	5.340	0.64	1.707	8.094	5.180	0.64	1.745	7.810	4.998	0.64	1.822
26	22	9.053	4.708	0.52	1.669	8.733	4.541	0.52	1.774	8.520	4.430	0.52	1.822	8.165	4.246	0.52	1.899
26	24	9.514	3.806	0.40	1.745	9.159	3.664	0.40	1.841	8.946	3.578	0.40	1.899	8.662	3.465	0.40	1.995
26	26	9.798	2.743	0.28	1.841	9.514	2.664	0.28	1.937	9.372	2.624	0.28	1.995	9.088	2.545	0.28	2.052
27	18	8.343	6.674	0.80	1.534	7.988	6.390	0.80	1.611	7.668	6.134	0.80	1.688	7.384	5.907	0.80	1.765
27	20	8.698	5.915	0.68	1.611	8.343	5.673	0.68	1.707	8.094	5.504	0.68	1.745	7.810	5.311	0.68	1.822
27	22	9.053	5.070	0.56	1.669	8.733	4.890	0.56	1.774	8.520	4.771	0.56	1.822	8.165	4.572	0.56	1.899
27	24	9.514	4.186	0.44	1.745	9.159	4.030	0.44	1.841	8.946	3.936	0.44	1.899	8.662	3.811	0.44	1.995
27	26	9.798	3.135	0.32	1.841	9.514	3.044	0.32	1.937	9.372	2.999	0.32	1.995	9.088	2.908	0.32	2.052
28	18	8.343	7.008	0.84	1.534	7.988	6.710	0.84	1.611	7.668	6.441	0.84	1.688	7.384	6.203	0.84	1.765
28	20	8.698	6.263	0.72	1.611	8.343	6.007	0.72	1.707	8.094	5.828	0.72	1.745	7.810	5.623	0.72	1.822
28	22	9.053	5.432	0.60	1.669	8.733	5.240	0.60	1.774	8.520	5.112	0.60	1.822	8.165	4.899	0.60	1.899
28	24	9.514	4.567	0.48	1.745	9.159	4.396	0.48	1.841	8.946	4.294	0.48	1.899	8.662	4.158	0.48	1.995
28	26	9.798	3.527	0.36	1.841	9.514	3.425	0.36	1.937	9.372	3.374	0.36	1.995	9.088	3.272	0.36	2.052
29	18	8.343	7.342	0.88	1.534	7.988	7.029	0.88	1.611	7.668	6.748	0.88	1.688	7.384	6.498	0.88	1.765
29	20	8.698	6.610	0.76	1.611	8.343	6.341	0.76	1.707	8.094	6.151	0.76	1.745	7.810	5.936	0.76	1.822
29	22	9.053	5.794	0.64	1.669	8.733	5.589	0.64	1.774	8.520	5.453	0.64	1.822	8.165	5.226	0.64	1.899
29	24	9.514	4.947	0.52	1.745	9.159	4.763	0.52	1.841	8.946	4.652	0.52	1.899	8.662	4.504	0.52	1.995
29	26	9.798	3.919	0.40	1.841	9.514	3.806	0.40	1.937	9.372	3.749	0.40	1.995	9.088	3.635	0.40	2.052
30	18	8.343	7.676	0.92	1.534	7.988	7.349	0.92	1.611	7.668	7.055	0.92	1.688	7.384	6.793	0.92	1.765
30	20	8.698	6.958	0.80	1.611	8.343	6.674	0.80	1.707	8.094	6.475	0.80	1.745	7.810	6.248	0.80	1.822
30	22	9.053	6.156	0.68	1.669	8.733	5.938	0.68	1.774	8.520	5.794	0.68	1.822	8.165	5.552	0.68	1.899
30	24	9.514	5.328	0.56	1.745	9.159	5.129	0.56	1.841	8.946	5.010	0.56	1.899	8.662	4.851	0.56	1.995
30	26	9.798	4.311	0.44	1.841	9.514	4.186	0.44	1.937	9.372	4.124	0.44	1.995	9.088	3.999	0.44	2.052
31	18	8.343	8.009	0.96	1.534	7.988	7.668	0.96	1.611	7.668	7.361	0.96	1.688	7.384	7.089	0.96	1.765
31	20	8.698	7.306	0.84	1.611	8.343	7.008	0.84	1.707	8.094	6.799	0.84	1.745	7.810	6.560	0.84	1.822
31	22	9.053	6.518	0.72	1.669	8.733	6.288	0.72	1.774	8.520	6.134	0.72	1.822	8.165	5.879	0.72	1.899
31	24	9.514	5.708	0.60	1.745	9.159	5.495	0.60	1.841	8.946	5.368	0.60	1.899	8.662	5.197	0.60	1.995
31	26	9.798	4.703	0.48	1.841	9.514	4.567	0.48	1.937	9.372	4.499	0.48	1.995	9.088	4.362	0.48	2.052
32	18	8.343	8.343	1.00	1.534	7.988	7.988	1.00	1.611	7.668	7.668	1.00	1.688	7.384	7.384	1.00	1.765
32	20	8.698	7.654	0.88	1.611	8.343	7.342	0.88	1.707	8.094	7.123	0.88	1.745	7.810	6.873	0.88	1.822
32	22	9.053	6.880	0.76	1.669	8.733	6.637	0.76	1.774	8.520	6.475	0.76	1.822	8.165	6.205	0.76	1.899
32	24	9.514	6.089	0.64	1.745	9.159	5.862	0.64	1.841	8.946	5.725	0.64	1.899	8.662	5.544	0.64	1.995
32	26	9.798	5.095	0.52	1.841	9.514	4.947	0.52	1.937	9.372	4.873	0.52	1.995	9.088	4.726	0.52	2.052

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M71EA2 / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	1.880	6.390	3.578	0.56	1.995	5.893	3.300	0.56	2.071
21	20	7.313	3.218	0.44	1.956	6.816	2.999	0.44	2.052	6.319	2.780	0.44	2.167
22	18	6.958	4.175	0.60	1.880	6.390	3.834	0.60	1.995	5.893	3.536	0.60	2.071
22	20	7.313	3.510	0.48	1.956	6.816	3.272	0.48	2.052	6.319	3.033	0.48	2.167
22	22	7.739	2.786	0.36	2.033	7.242	2.607	0.36	2.148	6.745	2.428	0.36	2.225
23	18	6.958	4.453	0.64	1.880	6.390	4.090	0.64	1.995	5.893	3.772	0.64	2.071
23	20	7.313	3.803	0.52	1.956	6.816	3.544	0.52	2.052	6.319	3.286	0.52	2.167
23	22	7.739	3.096	0.40	2.033	7.242	2.897	0.40	2.148	6.745	2.698	0.40	2.225
24	18	6.958	4.731	0.68	1.880	6.390	4.345	0.68	1.995	5.893	4.007	0.68	2.071
24	20	7.313	4.095	0.56	1.956	6.816	3.817	0.56	2.052	6.319	3.539	0.56	2.167
24	22	7.739	3.405	0.44	2.033	7.242	3.186	0.44	2.148	6.745	2.968	0.44	2.225
24	24	8.165	2.613	0.32	2.110	7.668	2.454	0.32	2.206	7.242	2.317	0.32	2.302
25	20	7.313	4.388	0.60	1.956	6.816	4.090	0.60	2.052	6.319	3.791	0.60	2.167
25	22	7.739	3.715	0.48	2.033	7.242	3.476	0.48	2.148	6.745	3.238	0.48	2.225
25	24	8.165	2.939	0.36	2.110	7.668	2.760	0.36	2.206	7.242	2.607	0.36	2.302
26	18	6.958	5.288	0.76	1.880	6.390	4.856	0.76	1.995	5.893	4.479	0.76	2.071
26	20	7.313	4.680	0.64	1.956	6.816	4.362	0.64	2.052	6.319	4.044	0.64	2.167
26	22	7.739	4.024	0.52	2.033	7.242	3.766	0.52	2.148	6.745	3.507	0.52	2.225
26	24	8.165	3.266	0.40	2.110	7.668	3.067	0.40	2.206	7.242	2.897	0.40	2.302
26	26	8.591	2.405	0.28	2.187	8.094	2.266	0.28	2.282	7.597	2.127	0.28	2.378
27	18	6.958	5.566	0.80	1.880	6.390	5.112	0.80	1.995	5.893	4.714	0.80	2.071
27	20	7.313	4.973	0.68	1.956	6.816	4.635	0.68	2.052	6.319	4.297	0.68	2.167
27	22	7.739	4.334	0.56	2.033	7.242	4.056	0.56	2.148	6.745	3.777	0.56	2.225
27	24	8.165	3.593	0.44	2.110	7.668	3.374	0.44	2.206	7.242	3.186	0.44	2.302
27	26	8.591	2.749	0.32	2.187	8.094	2.590	0.32	2.282	7.597	2.431	0.32	2.378
28	18	6.958	5.845	0.84	1.880	6.390	5.368	0.84	1.995	5.893	4.950	0.84	2.071
28	20	7.313	5.265	0.72	1.956	6.816	4.908	0.72	2.052	6.319	4.550	0.72	2.167
28	22	7.739	4.643	0.60	2.033	7.242	4.345	0.60	2.148	6.745	4.047	0.60	2.225
28	24	8.165	3.919	0.48	2.110	7.668	3.681	0.48	2.206	7.242	3.476	0.48	2.302
28	26	8.591	3.093	0.36	2.187	8.094	2.914	0.36	2.282	7.597	2.735	0.36	2.378
29	18	6.958	6.123	0.88	1.880	6.390	5.623	0.88	1.995	5.893	5.186	0.88	2.071
29	20	7.313	5.558	0.76	1.956	6.816	5.180	0.76	2.052	6.319	4.802	0.76	2.167
29	22	7.739	4.953	0.64	2.033	7.242	4.635	0.64	2.148	6.745	4.317	0.64	2.225
29	24	8.165	4.246	0.52	2.110	7.668	3.987	0.52	2.206	7.242	3.766	0.52	2.302
29	26	8.591	3.436	0.40	2.187	8.094	3.238	0.40	2.282	7.597	3.039	0.40	2.378
30	18	6.958	6.401	0.92	1.880	6.390	5.879	0.92	1.995	5.893	5.422	0.92	2.071
30	20	7.313	5.850	0.80	1.956	6.816	5.453	0.80	2.052	6.319	5.055	0.80	2.167
30	22	7.739	5.263	0.68	2.033	7.242	4.925	0.68	2.148	6.745	4.587	0.68	2.225
30	24	8.165	4.572	0.56	2.110	7.668	4.294	0.56	2.206	7.242	4.056	0.56	2.302
30	26	8.591	3.780	0.44	2.187	8.094	3.561	0.44	2.282	7.597	3.343	0.44	2.378
31	18	6.958	6.680	0.96	1.880	6.390	6.134	0.96	1.995	5.893	5.657	0.96	2.071
31	20	7.313	6.143	0.84	1.956	6.816	5.725	0.84	2.052	6.319	5.308	0.84	2.167
31	22	7.739	5.572	0.72	2.033	7.242	5.214	0.72	2.148	6.745	4.856	0.72	2.225
31	24	8.165	4.899	0.60	2.110	7.668	4.601	0.60	2.206	7.242	4.345	0.60	2.302
31	26	8.591	4.124	0.48	2.187	8.094	3.885	0.48	2.282	7.597	3.647	0.48	2.378
32	18	6.958	6.958	1.00	1.880	6.390	6.390	1.00	1.995	5.893	5.893	1.00	2.071
32	20	7.313	6.435	0.88	1.956	6.816	5.998	0.88	2.052	6.319	5.561	0.88	2.167
32	22	7.739	5.882	0.76	2.033	7.242	5.504	0.76	2.148	6.745	5.126	0.76	2.225
32	24	8.165	5.226	0.64	2.110	7.668	4.908	0.64	2.206	7.242	4.635	0.64	2.302
32	26	8.591	4.467	0.52	2.187	8.094	4.209	0.52	2.282	7.597	3.950	0.52	2.378

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	1.990	7.016	6.946	0.99	2.173	6.848	6.780	0.99	2.357
14	8	7.337	6.750	0.92	1.989	7.141	6.570	0.92	2.176	6.945	6.389	0.92	2.363
14	9	7.641	6.418	0.84	1.986	7.436	6.246	0.84	2.181	7.232	6.075	0.84	2.376
16	8	7.485	7.410	0.99	1.987	7.311	7.238	0.99	2.179	7.138	7.067	0.99	2.372
16	9	7.696	6.926	0.90	1.985	7.491	6.742	0.90	2.182	7.286	6.557	0.90	2.378
16	11	8.050	6.601	0.82	1.980	7.834	6.424	0.82	2.187	7.619	6.248	0.82	2.393
18	10	7.794	7.638	0.98	1.983	7.613	7.461	0.98	2.184	7.431	7.282	0.98	2.385
18	11	8.080	7.191	0.89	1.981	7.864	6.999	0.89	2.187	7.647	6.806	0.89	2.394
18	12	8.485	6.788	0.80	1.974	8.255	6.604	0.80	2.191	8.024	6.419	0.80	2.408
20	16	9.405	6.301	0.67	2.171	9.120	6.110	0.67	2.293	8.835	5.919	0.67	2.429
20	18	10.070	5.539	0.55	2.212	9.785	5.382	0.55	2.334	9.453	5.199	0.55	2.497
20	20	10.830	4.657	0.43	2.280	10.593	4.555	0.43	2.388	10.308	4.432	0.43	2.551
22	16	9.405	7.054	0.75	2.171	9.120	6.840	0.75	2.293	8.835	6.626	0.75	2.429
22	18	10.070	6.344	0.63	2.212	9.785	6.165	0.63	2.334	9.453	5.955	0.63	2.497
22	20	10.830	5.523	0.51	2.280	10.593	5.402	0.51	2.388	10.308	5.257	0.51	2.551
24	16	9.405	7.806	0.83	2.171	9.120	7.570	0.83	2.293	8.835	7.333	0.83	2.429
24	18	10.070	7.150	0.71	2.212	9.785	6.947	0.71	2.334	9.453	6.712	0.71	2.497
24	20	10.830	6.390	0.59	2.280	10.593	6.250	0.59	2.388	10.308	6.082	0.59	2.551
24	22	11.543	5.425	0.47	2.334	11.305	5.313	0.47	2.470	11.020	5.179	0.47	2.633
26	16	9.405	8.559	0.91	2.171	9.120	8.299	0.91	2.293	8.835	8.040	0.91	2.429
26	18	10.070	7.955	0.79	2.212	9.785	7.730	0.79	2.334	9.453	7.468	0.79	2.497
26	20	10.830	7.256	0.67	2.280	10.593	7.097	0.67	2.388	10.308	6.906	0.67	2.551
26	22	11.543	6.349	0.55	2.334	11.305	6.218	0.55	2.470	11.020	6.061	0.55	2.633
27	16	9.405	8.935	0.95	2.171	9.120	8.664	0.95	2.293	8.835	8.393	0.95	2.429
27	18	10.070	8.358	0.83	2.212	9.785	8.122	0.83	2.334	9.453	7.846	0.83	2.497
27	20	10.830	7.689	0.71	2.280	10.593	7.521	0.71	2.388	10.308	7.319	0.71	2.551
27	22	11.543	6.810	0.59	2.334	11.305	6.670	0.59	2.470	11.020	6.502	0.59	2.633
28	16	9.405	9.311	0.99	2.171	9.120	9.029	0.99	2.293	8.835	8.747	0.99	2.429
28	18	10.070	8.761	0.87	2.212	9.785	8.513	0.87	2.334	9.453	8.224	0.87	2.497
28	20	10.830	8.123	0.75	2.280	10.593	7.945	0.75	2.388	10.308	7.731	0.75	2.551
28	22	11.543	7.272	0.63	2.334	11.305	7.122	0.63	2.470	11.020	6.943	0.63	2.633
30	16	9.405	9.405	1.00	2.171	9.120	9.120	1.00	2.293	8.835	8.835	1.00	2.429
30	18	10.070	9.567	0.95	2.212	9.785	9.296	0.95	2.334	9.453	8.980	0.95	2.497
30	20	10.830	8.989	0.83	2.280	10.593	8.792	0.83	2.388	10.308	8.556	0.83	2.551
30	22	11.543	8.196	0.71	2.334	11.305	8.027	0.71	2.470	11.020	7.824	0.71	2.633
32	16	9.405	9.405	1.00	2.171	9.120	9.120	1.00	2.293	8.835	8.835	1.00	2.429
32	18	10.070	10.070	1.00	2.212	9.785	9.785	1.00	2.334	9.453	9.453	1.00	2.497
32	20	10.830	9.855	0.91	2.280	10.593	9.640	0.91	2.388	10.308	9.380	0.91	2.551
32	22	11.543	9.119	0.79	2.334	11.305	8.931	0.79	2.470	11.020	8.706	0.79	2.633
34	16	9.405	9.405	1.00	2.171	9.120	9.120	1.00	2.293	8.835	8.835	1.00	2.429
34	18	10.070	10.070	1.00	2.212	9.785	9.785	1.00	2.334	9.453	9.453	1.00	2.497
34	20	10.830	10.722	0.99	2.280	10.593	10.487	0.99	2.388	10.308	10.205	0.99	2.551
34	22	11.543	10.042	0.87	2.334	11.305	9.835	0.87	2.470	11.020	9.587	0.87	2.633

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.566	6.458	6.393	0.99	2.783	6.291	6.228	0.99	2.997
14	8	6.727	6.189	0.92	2.571	6.505	5.985	0.92	2.788	6.328	5.822	0.92	3.002
14	9	7.007	5.886	0.84	2.592	6.767	5.684	0.84	2.814	6.569	5.518	0.84	3.032
16	8	6.945	6.876	0.99	2.588	6.737	6.670	0.99	2.810	6.565	6.499	0.99	3.031
16	9	7.059	6.353	0.90	2.596	6.819	6.137	0.90	2.818	6.628	5.965	0.90	3.039
16	11	7.384	6.055	0.82	2.618	7.133	5.849	0.82	2.847	6.922	5.676	0.82	3.073
18	10	7.233	7.088	0.98	2.608	7.021	6.881	0.98	2.837	6.843	6.706	0.98	3.064
18	11	7.413	6.598	0.89	2.619	7.161	6.373	0.89	2.849	6.950	6.186	0.89	3.076
18	12	7.779	6.223	0.80	2.641	7.516	6.013	0.80	2.878	7.292	5.834	0.80	3.113
20	16	8.455	5.665	0.67	2.605	8.075	5.410	0.67	2.795	7.695	5.156	0.67	3.026
20	18	9.120	5.016	0.55	2.673	8.835	4.859	0.55	2.877	8.265	4.546	0.55	3.094
20	20	9.880	4.248	0.43	2.741	9.500	4.085	0.43	2.931	8.930	3.840	0.43	3.148
22	16	8.455	6.341	0.75	2.605	8.075	6.056	0.75	2.795	7.695	5.771	0.75	3.026
22	18	9.120	5.746	0.63	2.673	8.835	5.566	0.63	2.877	8.265	5.207	0.63	3.094
22	20	9.880	5.039	0.51	2.741	9.500	4.845	0.51	2.931	8.930	4.554	0.51	3.148
24	16	8.455	7.018	0.83	2.605	8.075	6.702	0.83	2.795	7.695	6.387	0.83	3.026
24	18	9.120	6.475	0.71	2.673	8.835	6.273	0.71	2.877	8.265	5.868	0.71	3.094
24	20	9.880	5.829	0.59	2.741	9.500	5.605	0.59	2.931	8.930	5.269	0.59	3.148
24	22	10.640	5.001	0.47	2.795	10.260	4.822	0.47	3.013	9.690	4.554	0.47	3.203
26	16	8.455	7.694	0.91	2.605	8.075	7.348	0.91	2.795	7.695	7.002	0.91	3.026
26	18	9.120	7.205	0.79	2.673	8.835	6.980	0.79	2.877	8.265	6.529	0.79	3.094
26	20	9.880	6.620	0.67	2.741	9.500	6.365	0.67	2.931	8.930	5.983	0.67	3.148
26	22	10.640	5.852	0.55	2.795	10.260	5.643	0.55	3.013	9.690	5.330	0.55	3.203
27	16	8.455	8.032	0.95	2.605	8.075	7.671	0.95	2.795	7.695	7.310	0.95	3.026
27	18	9.120	7.570	0.83	2.673	8.835	7.333	0.83	2.877	8.265	6.860	0.83	3.094
27	20	9.880	7.015	0.71	2.741	9.500	6.745	0.71	2.931	8.930	6.340	0.71	3.148
27	22	10.640	6.278	0.59	2.795	10.260	6.053	0.59	3.013	9.690	5.717	0.59	3.203
28	16	8.455	8.370	0.99	2.605	8.075	7.994	0.99	2.795	7.695	7.618	0.99	3.026
28	18	9.120	7.934	0.87	2.673	8.835	7.686	0.87	2.877	8.265	7.191	0.87	3.094
28	20	9.880	7.410	0.75	2.741	9.500	7.125	0.75	2.931	8.930	6.698	0.75	3.148
28	22	10.640	6.703	0.63	2.795	10.260	6.464	0.63	3.013	9.690	6.105	0.63	3.203
30	16	8.455	8.455	1.00	2.605	8.075	8.075	1.00	2.795	7.695	7.695	1.00	3.026
30	18	9.120	8.664	0.95	2.673	8.835	8.393	0.95	2.877	8.265	7.852	0.95	3.094
30	20	9.880	8.200	0.83	2.741	9.500	7.885	0.83	2.931	8.930	7.412	0.83	3.148
30	22	10.640	7.554	0.71	2.795	10.260	7.285	0.71	3.013	9.690	6.880	0.71	3.203
32	16	8.455	8.455	1.00	2.605	8.075	8.075	1.00	2.795	7.695	7.695	1.00	3.026
32	18	9.120	9.120	1.00	2.673	8.835	8.835	1.00	2.877	8.265	8.265	1.00	3.094
32	20	9.880	8.991	0.91	2.741	9.500	8.645	0.91	2.931	8.930	8.126	0.91	3.148
32	22	10.640	8.406	0.79	2.795	10.260	8.105	0.79	3.013	9.690	7.655	0.79	3.203
34	16	8.455	8.455	1.00	2.605	8.075	8.075	1.00	2.795	7.695	7.695	1.00	3.026
34	18	9.120	9.120	1.00	2.673	8.835	8.835	1.00	2.877	8.265	8.265	1.00	3.094
34	20	9.880	9.781	0.99	2.741	9.500	9.405	0.99	2.931	8.930	8.841	0.99	3.148

COOLING CAPACITY
PLA-M125EA2 / PUZ-M125VKA2 PUZ-M125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	2.947	8.936	8.400	0.94	3.218	8.722	8.199	0.94	3.490
14	8	9.345	8.130	0.87	2.945	9.095	7.913	0.87	3.222	8.845	7.695	0.87	3.499
14	9	9.732	7.688	0.79	2.940	9.471	7.482	0.79	3.229	9.211	7.277	0.79	3.518
16	8	9.533	8.961	0.94	2.942	9.312	8.753	0.94	3.227	9.091	8.546	0.94	3.512
16	9	9.802	8.332	0.85	2.939	9.541	8.110	0.85	3.231	9.279	7.887	0.85	3.522
16	11	10.253	7.895	0.77	2.932	9.979	7.684	0.77	3.238	9.704	7.472	0.77	3.544
18	10	9.927	9.232	0.93	2.937	9.696	9.017	0.93	3.234	9.465	8.802	0.93	3.532
18	11	10.292	8.645	0.84	2.933	10.016	8.413	0.84	3.239	9.740	8.182	0.84	3.546
18	12	10.807	8.105	0.75	2.923	10.514	7.866	0.75	3.244	10.221	7.666	0.75	3.565
20	16	11.979	7.427	0.62	3.215	11.616	7.202	0.62	3.396	11.253	6.977	0.62	3.597
20	18	12.826	6.413	0.50	3.275	12.463	6.232	0.50	3.456	12.040	6.020	0.50	3.697
20	20	13.794	5.242	0.38	3.376	13.492	5.127	0.38	3.537	13.129	4.989	0.38	3.778
22	16	11.979	8.385	0.70	3.215	11.616	8.131	0.70	3.396	11.253	7.877	0.70	3.597
22	18	12.826	7.439	0.58	3.275	12.463	7.229	0.58	3.456	12.040	6.983	0.58	3.697
22	20	13.794	6.345	0.46	3.376	13.492	6.206	0.46	3.537	13.129	6.039	0.46	3.778
24	16	11.979	9.344	0.78	3.215	11.616	9.060	0.78	3.396	11.253	8.777	0.78	3.597
24	18	12.826	8.465	0.66	3.275	12.463	8.226	0.66	3.456	12.040	7.946	0.66	3.697
24	20	13.794	7.449	0.54	3.376	13.492	7.286	0.54	3.537	13.129	7.090	0.54	3.778
24	22	14.702	6.175	0.42	3.456	14.399	6.048	0.42	3.657	14.036	5.895	0.42	3.898
26	16	11.979	10.302	0.86	3.215	11.616	9.990	0.86	3.396	11.253	9.678	0.86	3.597
26	18	12.826	9.491	0.74	3.275	12.463	9.223	0.74	3.456	12.040	8.910	0.74	3.697
26	20	13.794	8.552	0.62	3.376	13.492	8.365	0.62	3.537	13.129	8.140	0.62	3.778
26	22	14.702	7.351	0.50	3.456	14.399	7.200	0.50	3.657	14.036	7.018	0.50	3.898
27	16	11.979	10.781	0.90	3.215	11.616	10.454	0.90	3.396	11.253	10.128	0.90	3.597
27	18	12.826	10.004	0.78	3.275	12.463	9.721	0.78	3.456	12.040	9.391	0.78	3.697
27	20	13.794	9.104	0.66	3.376	13.492	8.905	0.66	3.537	13.129	8.665	0.66	3.778
27	22	14.702	7.939	0.54	3.456	14.399	7.775	0.54	3.657	14.036	7.579	0.54	3.898
28	16	11.979	11.260	0.94	3.215	11.616	10.919	0.94	3.396	11.253	10.578	0.94	3.597
28	18	12.826	10.517	0.82	3.275	12.463	10.220	0.82	3.456	12.040	9.873	0.82	3.697
28	20	13.794	9.656	0.70	3.376	13.492	9.444	0.70	3.537	13.129	9.190	0.70	3.778
28	22	14.702	8.527	0.58	3.456	14.399	8.351	0.58	3.657	14.036	8.141	0.58	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	11.543	0.90	3.275	12.463	11.217	0.90	3.456	12.040	10.836	0.90	3.697
30	20	13.794	10.759	0.78	3.376	13.492	10.524	0.78	3.537	13.129	10.241	0.78	3.778
30	22	14.702	9.703	0.66	3.456	14.399	9.503	0.66	3.657	14.036	9.264	0.66	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.569	0.98	3.275	12.463	12.214	0.98	3.456	12.040	11.799	0.98	3.697
32	20	13.794	11.863	0.86	3.376	13.492	11.603	0.86	3.537	13.129	11.291	0.86	3.778
32	22	14.702	10.879	0.74	3.456	14.399	10.655	0.74	3.657	14.036	10.387	0.74	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	12.966	0.94	3.376	13.492	12.682	0.94	3.537	13.129	12.341	0.94	3.778
34	22	14.702	12.056	0.82	3.456	14.399	11.807	0.82	3.657	14.036	11.510	0.82	3.898

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	3.800	8.225	7.732	0.94	4.121	8.013	7.532	0.94	4.438
14	8	8.568	7.454	0.87	3.807	8.285	7.208	0.87	4.128	8.060	7.012	0.87	4.446
14	9	8.925	7.051	0.79	3.838	8.619	6.809	0.79	4.167	8.366	6.609	0.79	4.490
16	8	8.845	8.314	0.94	3.832	8.581	8.066	0.94	4.162	8.361	7.859	0.94	4.489
16	9	8.991	7.642	0.85	3.844	8.685	7.382	0.85	4.173	8.441	7.175	0.85	4.500
16	11	9.405	7.242	0.77	3.876	9.085	6.995	0.77	4.216	8.817	6.789	0.77	4.550
18	10	9.213	8.568	0.93	3.862	8.943	8.317	0.93	4.201	8.715	8.105	0.93	4.537
18	11	9.441	7.930	0.84	3.879	9.120	7.661	0.84	4.218	8.852	7.436	0.84	4.555
18	12	9.908	7.431	0.75	3.911	9.574	7.181	0.75	4.263	9.288	6.966	0.75	4.609
20	16	10.769	6.877	0.62	3.858	10.285	6.377	0.62	4.140	9.801	6.077	0.62	4.481
20	18	11.616	5.808	0.50	3.959	11.253	5.627	0.50	4.260	10.527	5.264	0.50	4.582
20	20	12.584	4.782	0.38	4.059	12.100	4.598	0.38	4.341	11.374	4.322	0.38	4.662
22	16	10.769	7.538	0.70	3.858	10.285	7.200	0.70	4.140	9.801	6.861	0.70	4.481
22	18	11.616	6.737	0.58	3.959	11.253	6.527	0.58	4.260	10.527	6.106	0.58	4.582
22	20	12.584	5.789	0.46	4.059	12.100	5.566	0.46	4.341	11.374	5.232	0.46	4.662
24	16	10.769	8.400	0.78	3.858	10.285	8.022	0.78	4.140	9.801	7.645	0.78	4.481
24	18	11.616	7.667	0.66	3.959	11.253	7.427	0.66	4.260	10.527	6.948	0.66	4.582
24	20	12.584	6.795	0.54	4.059	12.100	6.534	0.54	4.341	11.374	6.142	0.54	4.662
24	22	13.552	5.692	0.42	4.140	13.068	5.489	0.42	4.461	12.342	5.184	0.42	4.742
26	16	10.769	9.261	0.86	3.858	10.285	8.845	0.86	4.140	9.801	8.429	0.86	4.481
26	18	11.616	8.596	0.74	3.959	11.253	8.327	0.74	4.260	10.527	7.790	0.74	4.582
26	20	12.584	7.802	0.62	4.059	12.100	7.502	0.62	4.341	11.374	7.052	0.62	4.662
26	22	13.552	6.776	0.50	4.140	13.068	6.534	0.50	4.461	12.342	6.171	0.50	4.742
27	16	10.769	9.692	0.90	3.858	10.285	9.257	0.90	4.140	9.801	8.821	0.90	4.481
27	18	11.616	9.060	0.78	3.959	11.253	8.777	0.78	4.260	10.527	8.211	0.78	4.582
27	20	12.584	8.305	0.66	4.059	12.100	7.986	0.66	4.341	11.374	7.507	0.66	4.662
27	22	13.552	7.318	0.54	4.140	13.068	7.057	0.54	4.461	12.342	6.665	0.54	4.742
28	16	10.769	10.123	0.94	3.858	10.285	9.668	0.94	4.140	9.801	9.213	0.94	4.481
28	18	11.616	9.525	0.82	3.959	11.253	9.227	0.82	4.260	10.527	8.632	0.82	4.582
28	20	12.584	8.809	0.70	4.059	12.100	8.470	0.70	4.341	11.374	7.962	0.70	4.662
28	22	13.552	7.860	0.58	4.140	13.068	7.579	0.58	4.461	12.342	7.158	0.58	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	10.454	0.90	3.959	11.253	10.128	0.90	4.260	10.527	9.474	0.90	4.582
30	20	12.584	9.816	0.78	4.059	12.100	9.438	0.78	4.341	11.374	8.872	0.78	4.662
30	22	13.552	8.944	0.66	4.140	13.068	8.625	0.66	4.461	12.342	8.146	0.66	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.384	0.98	3.959	11.253	11.028	0.98	4.260	10.527	10.316	0.98	4.582
32	20	12.584	10.822	0.86	4.059	12.100	10.406	0.86	4.341	11.374	9.782	0.86	4.662
32	22	13.552	10.028	0.74	4.140	13.068	9.670	0.74	4.461	12.342	9.133	0.74	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10		

COOLING CAPACITY
PLA-M140EA2 / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.322	0.92	3.638	9.896	9.104	0.92	3.974	9.659	8.886	0.92	4.309
14	8	10.349	8.797	0.85	3.636	10.072	8.561	0.85	3.978	9.796	8.327	0.85	4.320
14	9	10.777	8.298	0.77	3.630	10.489	8.077	0.77	3.987	10.201	7.855	0.77	4.344
16	8	10.557	9.712	0.92	3.632	10.313	9.488	0.92	3.984	10.068	9.263	0.92	4.336
16	9	10.855	9.010	0.83	3.629	10.566	8.770	0.83	3.989	10.276	8.529	0.83	4.349
16	11	11.355	8.516	0.75	3.620	11.051	8.288	0.75	3.998	10.746	8.060	0.75	4.376
18	10	10.994	10.005	0.91	3.626	10.738	9.772	0.91	3.993	10.481	9.538	0.91	4.361
18	11	11.398	9.346	0.82	3.621	11.092	9.095	0.82	3.999	10.787	8.845	0.82	4.377
18	12	11.968	8.737	0.73	3.609	11.643	8.499	0.73	4.005	11.319	8.263	0.73	4.402
20	16	13.266	7.960	0.60	3.970	12.864	7.718	0.60	4.193	12.462	7.477	0.60	4.441
20	18	14.204	6.818	0.48	4.044	13.802	6.625	0.48	4.267	13.333	6.400	0.48	4.565
20	20	15.276	5.499	0.36	4.168	14.941	5.379	0.36	4.367	14.539	5.234	0.36	4.664
22	16	13.266	9.021	0.68	3.970	12.864	8.748	0.68	4.193	12.462	8.474	0.68	4.441
22	18	14.204	7.954	0.56	4.044	13.802	7.729	0.56	4.267	13.333	7.466	0.56	4.565
22	20	15.276	6.721	0.44	4.168	14.941	6.574	0.44	4.367	14.539	6.397	0.44	4.664
24	16	13.266	10.082	0.76	3.970	12.864	9.777	0.76	4.193	12.462	9.471	0.76	4.441
24	18	14.204	9.091	0.64	4.044	13.802	8.833	0.64	4.267	13.333	8.533	0.64	4.565
24	20	15.276	7.944	0.52	4.168	14.941	7.769	0.52	4.367	14.539	7.560	0.52	4.664
24	22	16.281	6.512	0.40	4.267	15.946	6.378	0.40	4.515	15.544	6.218	0.40	4.813
26	16	13.266	11.143	0.84	3.970	12.864	10.806	0.84	4.193	12.462	10.468	0.84	4.441
26	18	14.204	10.227	0.72	4.044	13.802	9.937	0.72	4.267	13.333	9.600	0.72	4.565
26	20	15.276	9.166	0.60	4.168	14.941	8.965	0.60	4.367	14.539	8.723	0.60	4.664
26	22	16.281	7.815	0.48	4.267	15.946	7.654	0.48	4.515	15.544	7.461	0.48	4.813
27	16	13.266	11.674	0.88	3.970	12.864	11.320	0.88	4.193	12.462	10.967	0.88	4.441
27	18	14.204	10.795	0.76	4.044	13.802	10.490	0.76	4.267	13.333	10.133	0.76	4.565
27	20	15.276	9.777	0.64	4.168	14.941	9.562	0.64	4.367	14.539	9.305	0.64	4.664
27	22	16.281	8.466	0.52	4.267	15.946	8.292	0.52	4.515	15.544	8.083	0.52	4.813
28	16	13.266	12.205	0.92	3.970	12.864	11.835	0.92	4.193	12.462	11.465	0.92	4.441
28	18	14.204	11.363	0.80	4.044	13.802	11.042	0.80	4.267	13.333	10.666	0.80	4.565
28	20	15.276	10.388	0.68	4.168	14.941	10.160	0.68	4.367	14.539	9.887	0.68	4.664
28	22	16.281	9.117	0.56	4.267	15.946	8.930	0.56	4.515	15.544	8.705	0.56	4.813
30	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
30	18	14.204	12.500	0.88	4.044	13.802	12.146	0.88	4.267	13.333	11.733	0.88	4.565
30	20	15.276	11.610	0.76	4.168	14.941	11.355	0.76	4.367	14.539	11.050	0.76	4.664
30	22	16.281	10.420	0.64	4.267	15.946	10.205	0.64	4.515	15.544	9.948	0.64	4.813
32	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
32	18	14.204	13.636	0.96	4.044	13.802	13.250	0.96	4.267	13.333	12.800	0.96	4.565
32	20	15.276	12.832	0.84	4.168	14.941	12.550	0.84	4.367	14.539	12.213	0.84	4.664
32	22	16.281	11.722	0.72	4.267	15.946	11.481	0.72	4.515	15.544	11.192	0.72	4.813
34	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
34	18	14.204	14.204	1.00	4.044	13.802	13.802	1.00	4.267	13.333	13.333	1.00	4.565
34	20	15.276	14.054	0.92	4.168	14.941	13.746	0.92	4.367	14.539	13.376	0.92	4.664
34	22	16.281	13.025	0.80	4.267	15.946	12.757	0.80	4.515	15.544	12.435	0.80	4.813

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	4.692	9.109	8.380	0.92	5.088	8.874	8.164	0.92	5.480
14	8	9.488	8.065	0.85	4.701	9.175	7.799	0.85	5.097	8.926	7.587	0.85	5.489
14	9	9.883	7.610	0.77	4.739	9.545	7.350	0.77	5.144	9.265	7.134	0.77	5.544
16	8	9.796	9.012	0.92	4.731	9.503	8.743	0.92	5.138	9.260	8.519	0.92	5.542
16	9	9.957	8.264	0.83	4.746	9.619	7.984	0.83	5.152	9.348	7.759	0.83	5.556
16	11	10.415	7.811	0.75	4.786	10.061	7.546	0.75	5.205	9.764	7.323	0.75	5.618
18	10	10.203	9.285	0.91	4.768	9.904	9.013	0.91	5.187	9.652	8.783	0.91	5.601
18	11	10.456	8.574	0.82	4.789	10.100	8.282	0.82	5.208	9.803	8.038	0.82	5.624
18	12	10.973	8.010	0.73	4.828	10.602	7.739	0.73	5.263	10.286	7.509	0.73	5.691
20	16	11.926	7.156	0.60	4.764	11.390	6.834	0.60	5.111	10.854	6.512	0.60	5.533
20	18	12.864	6.175	0.48	4.888	12.462	5.982	0.48	5.260	11.658	5.596	0.48	5.657
20	20	13.936	5.017	0.36	5.012	13.400	4.824	0.36	5.359	12.596	4.535	0.36	5.756
22	16	11.926	8.110	0.68	4.764	11.390	7.745	0.68	5.111	10.854	7.381	0.68	5.533
22	18	12.864	7.204	0.56	4.888	12.462	6.979	0.56	5.260	11.658	6.528	0.56	5.657
22	20	13.936	6.132	0.44	5.012	13.400	5.896	0.44	5.359	12.596	5.542	0.44	5.756
24	16	11.926	9.064	0.76	4.764	11.390	8.656	0.76	5.111	10.854	8.249	0.76	5.533
24	18	12.864	8.233	0.64	4.888	12.462	7.976	0.64	5.260	11.658	7.461	0.64	5.657
24	20	13.936	7.247	0.52	5.012	13.400	6.968	0.52	5.359	12.596	6.550	0.52	5.756
24	22	15.008	6.003	0.40	5.111	14.472	5.789	0.40	5.508	13.668	5.467	0.40	5.855
26	16	11.926	10.018	0.84	4.764	11.390	9.568	0.84	5.111	10.854	9.117	0.84	5.533
26	18	12.864	9.262	0.72	4.888	12.462	8.973	0.72	5.260	11.658	8.394	0.72	5.657
26	20	13.936	8.362	0.60	5.012	13.400	8.040	0.60	5.359	12.596	7.558	0.60	5.756
26	22	15.008	7.204	0.48	5.111	14.472	6.947	0.48	5.508	13.668	6.561	0.48	5.855
27	16	11.926	10.495	0.88	4.764	11.390	10.023	0.88	5.111	10.854	9.552	0.88	5.533
27	18	12.864	9.777	0.76	4.888	12.462	9.471	0.76	5.260	11.658	8.860	0.76	5.657
27	20	13.936	8.919	0.64	5.012	13.400	8.576	0.64	5.359	12.596	8.061	0.64	5.756
27	22	15.008	7.804	0.52	5.111	14.472	7.525	0.52	5.508	13.668	7.107	0.52	5.855
28	16	11.926	10.972	0.92	4.764	11.390	10.479	0.92	5.111	10.854	9.986	0.92	5.533
28	18	12.864	10.291	0.80	4.888	12.462	9.970	0.80	5.260	11.658	9.326	0.80	5.657
28	20	13.936	9.476	0.68	5.012	13.400	9.112	0.68	5.359	12.596	8.565	0.68	5.756
28	22	15.008	8.404	0.56	5.111	14.472	8.104	0.56	5.508	13.668	7.654	0.56	5.855
30	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
30	18	12.864	11.320	0.88	4.888	12.462	10.967	0.88	5.260	11.658	10.259	0.88	5.657
30	20	13.936	10.591	0.76	5.012	13.400	10.184	0.76	5.359	12.596	9.573	0.76	5.756
30	22	15.008	9.605	0.64	5.111	14.472	9.262	0.64	5.508	13.668	8.748	0.64	5.855
32	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
32	18	12.864	12.349	0.96	4.888	12.462	11.964	0.96	5.260	11.658	11.192	0.96	5.657
32	20	13.936	11.706	0.84	5.012	13.400	11.256	0.84	5.359	12.596	10.581	0.84	5.756
32	22	15.008	10.806	0.72	5.111	14.472	10.420	0.72	5.508	13.668	9.841	0.72	5.855
34	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
34	18	12.864	12.864										

3.Eco Inverter SERIES
COOLING CAPACITY
PLA-SM71EA2 / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.756	0.57	1.578	7.988	4.553	0.57	1.656	7.668	4.371	0.57	1.735	7.384	4.209	0.57	1.814
21	20	8.698	3.914	0.45	1.656	8.343	3.754	0.45	1.755	8.094	3.642	0.45	1.795	7.810	3.515	0.45	1.873
22	18	8.343	5.089	0.61	1.578	7.988	4.873	0.61	1.656	7.668	4.677	0.61	1.735	7.384	4.504	0.61	1.814
22	20	8.698	4.262	0.49	1.656	8.343	4.088	0.49	1.755	8.094	3.966	0.49	1.795	7.810	3.827	0.49	1.873
22	22	9.053	3.350	0.37	1.716	8.733	3.231	0.37	1.824	8.520	3.152	0.37	1.873	8.165	3.021	0.37	1.952
23	18	8.343	5.423	0.65	1.578	7.988	5.192	0.65	1.656	7.668	4.984	0.65	1.735	7.384	4.800	0.65	1.814
23	20	8.698	4.610	0.53	1.656	8.343	4.422	0.53	1.755	8.094	4.290	0.53	1.795	7.810	4.139	0.53	1.873
23	22	9.053	3.712	0.41	1.716	8.733	3.581	0.41	1.824	8.520	3.493	0.41	1.873	8.165	3.348	0.41	1.952
24	18	8.343	5.757	0.69	1.578	7.988	5.512	0.69	1.656	7.668	5.291	0.69	1.735	7.384	5.095	0.69	1.814
24	20	8.698	4.958	0.57	1.656	8.343	4.756	0.57	1.755	8.094	4.614	0.57	1.795	7.810	4.452	0.57	1.873
24	22	9.053	4.074	0.45	1.716	8.733	3.930	0.45	1.824	8.520	3.834	0.45	1.873	8.165	3.674	0.45	1.952
24	24	9.514	3.140	0.33	1.795	9.159	3.022	0.33	1.893	8.946	2.952	0.33	1.952	8.662	2.858	0.33	2.051
25	20	8.698	5.306	0.61	1.656	8.343	5.089	0.61	1.755	8.094	4.937	0.61	1.795	7.810	4.764	0.61	1.873
25	22	9.053	4.436	0.49	1.716	8.733	4.279	0.49	1.824	8.520	4.175	0.49	1.873	8.165	4.001	0.49	1.952
25	24	9.514	3.520	0.37	1.795	9.159	3.389	0.37	1.893	8.946	3.310	0.37	1.952	8.662	3.205	0.37	2.051
26	18	8.343	6.424	0.77	1.578	7.988	6.151	0.77	1.656	7.668	5.904	0.77	1.735	7.384	5.686	0.77	1.814
26	20	8.698	5.654	0.65	1.656	8.343	5.423	0.65	1.755	8.094	5.261	0.65	1.795	7.810	5.077	0.65	1.873
26	22	9.053	4.798	0.53	1.716	8.733	4.628	0.53	1.824	8.520	4.516	0.53	1.873	8.165	4.327	0.53	1.952
26	24	9.514	3.901	0.41	1.795	9.159	3.755	0.41	1.893	8.946	3.668	0.41	1.952	8.662	3.551	0.41	2.051
26	26	9.798	2.841	0.29	1.893	9.514	2.759	0.29	1.992	9.372	2.718	0.29	2.051	9.088	2.636	0.29	2.110
27	18	8.343	6.758	0.81	1.578	7.988	6.470	0.81	1.656	7.668	6.211	0.81	1.735	7.384	5.981	0.81	1.814
27	20	8.698	6.002	0.69	1.656	8.343	5.757	0.69	1.755	8.094	5.585	0.69	1.795	7.810	5.389	0.69	1.873
27	22	9.053	5.160	0.57	1.716	8.733	4.978	0.57	1.824	8.520	4.856	0.57	1.873	8.165	4.654	0.57	1.952
27	24	9.514	4.281	0.45	1.795	9.159	4.122	0.45	1.893	8.946	4.026	0.45	1.952	8.662	3.898	0.45	2.051
27	26	9.798	3.233	0.33	1.893	9.514	3.140	0.33	1.992	9.372	3.093	0.33	2.051	9.088	2.999	0.33	2.110
28	18	8.343	7.092	0.85	1.578	7.988	6.790	0.85	1.656	7.668	6.518	0.85	1.735	7.384	6.276	0.85	1.814
28	20	8.698	6.350	0.73	1.656	8.343	6.090	0.73	1.755	8.094	5.909	0.73	1.795	7.810	5.701	0.73	1.873
28	22	9.053	5.522	0.61	1.716	8.733	5.327	0.61	1.824	8.520	5.197	0.61	1.873	8.165	4.981	0.61	1.952
28	24	9.514	4.662	0.49	1.795	9.159	4.488	0.49	1.893	8.946	4.384	0.49	1.952	8.662	4.244	0.49	2.051
28	26	9.798	3.625	0.37	1.893	9.514	3.520	0.37	1.992	9.372	3.468	0.37	2.051	9.088	3.363	0.37	2.110
29	18	8.343	7.425	0.89	1.578	7.988	7.109	0.89	1.656	7.668	6.825	0.89	1.735	7.384	6.572	0.89	1.814
29	20	8.698	6.697	0.77	1.656	8.343	6.424	0.77	1.755	8.094	6.232	0.77	1.795	7.810	6.014	0.77	1.873
29	22	9.053	5.884	0.65	1.716	8.733	5.676	0.65	1.824	8.520	5.538	0.65	1.873	8.165	5.307	0.65	1.952
29	24	9.514	5.042	0.53	1.795	9.159	4.854	0.53	1.893	8.946	4.741	0.53	1.952	8.662	4.591	0.53	2.051
29	26	9.798	4.017	0.41	1.893	9.514	3.901	0.41	1.992	9.372	3.843	0.41	2.051	9.088	3.726	0.41	2.110
30	18	8.343	7.759	0.93	1.578	7.988	7.429	0.93	1.656	7.668	7.131	0.93	1.735	7.384	6.867	0.93	1.814
30	20	8.698	7.045	0.81	1.656	8.343	6.758	0.81	1.755	8.094	6.556	0.81	1.795	7.810	6.326	0.81	1.873
30	22	9.053	6.247	0.69	1.716	8.733	6.026	0.69	1.824	8.520	5.879	0.69	1.873	8.165	5.634	0.69	1.952
30	24	9.514	5.423	0.57	1.795	9.159	5.221	0.57	1.893	8.946	5.099	0.57	1.952	8.662	4.937	0.57	2.051
30	26	9.798	4.409	0.45	1.893	9.514	4.281	0.45	1.992	9.372	4.217	0.45	2.051	9.088	4.090	0.45	2.110
31	18	8.343	8.093	0.97	1.578	7.988	7.748	0.97	1.656	7.668	7.438	0.97	1.735	7.384	7.162	0.97	1.814
31	20	8.698	7.393	0.85	1.656	8.343	7.092	0.85	1.755	8.094	6.880	0.85	1.795	7.810	6.639	0.85	1.873
31	22	9.053	6.609	0.73	1.716	8.733	6.375	0.73	1.824	8.520	6.220	0.73	1.873	8.165	5.960	0.73	1.952
31	24	9.514	5.804	0.61	1.795	9.159	5.587	0.61	1.893	8.946	5.457	0.61	1.952	8.662	5.284	0.61	2.051
31	26	9.798	4.801	0.49	1.893	9.514	4.662	0.49	1.992	9.372	4.592	0.49	2.051	9.088	4.453	0.49	2.110
32	18	8.343	8.343	1.00	1.578	7.988	7.988	1.00	1.656	7.668	7.668	1.00	1.735	7.384	7.384	1.00	1.814
32	20	8.698	7.741	0.89	1.656	8.343	7.425	0.89	1.755	8.094	7.204	0.89	1.795	7.810	6.951	0.89	1.873
32	22	9.053	6.971	0.77	1.716	8.733	6.724	0.77	1.824	8.520	6.560	0.77	1.873	8.165	6.287	0.77	1.952
32	24	9.514	6.184	0.65	1.795	9.159	5.953	0.65	1.893	8.946	5.815	0.65	1.952	8.662	5.630	0.65	2.051
32	26	9.798	5.193	0.53	1.893	9.514	5.042	0.53	1.992	9.372	4.967	0.53	2.051	9.088	4.817	0.53	2.110

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM71EA2 / SUZ-SM71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.966	0.57	1.933	6.390	3.642	0.57	2.051	5.893	3.359	0.57	2.130
21	20	7.313	3.291	0.45	2.011	6.816	3.067	0.45	2.110	6.319	2.844	0.45	2.228
22	18	6.958	4.244	0.61	1.933	6.390	3.898	0.61	2.051	5.893	3.595	0.61	2.130
22	20	7.313	3.583	0.49	2.011	6.816	3.340	0.49	2.110	6.319	3.096	0.49	2.228
22	22	7.739	2.863	0.37	2.090	7.242	2.680	0.37	2.209	6.745	2.496	0.37	2.288
23	18	6.958	4.523	0.65	1.933	6.390	4.154	0.65	2.051	5.893	3.830	0.65	2.130
23	20	7.313	3.876	0.53	2.011	6.816	3.612	0.53	2.110	6.319	3.349	0.53	2.228
23	22	7.739	3.173	0.41	2.090	7.242	2.969	0.41	2.209	6.745	2.765	0.41	2.288
24	18	6.958	4.801	0.69	1.933	6.390	4.409	0.69	2.051	5.893	4.066	0.69	2.130
24	20	7.313	4.168	0.57	2.011	6.816	3.885	0.57	2.110	6.319	3.602	0.57	2.228
24	22	7.739	3.483	0.45	2.090	7.242	3.259	0.45	2.209	6.745	3.035	0.45	2.288
24	24	8.165	2.694	0.33	2.169	7.668	2.530	0.33	2.268	7.242	2.390	0.33	2.366
25	20	7.313	4.461	0.61	2.011	6.816	4.158	0.61	2.110	6.319	3.855	0.61	2.228
25	22	7.739	3.792	0.49	2.090	7.242	3.549	0.49	2.209	6.745	3.305	0.49	2.288
25	24	8.165	3.021	0.37	2.169	7.668	2.837	0.37	2.268	7.242	2.680	0.37	2.366
26	18	6.958	5.358	0.77	1.933	6.390	4.920	0.77	2.051	5.893	4.538	0.77	2.130
26	20	7.313	4.753	0.65	2.011	6.816	4.430	0.65	2.110	6.319	4.107	0.65	2.228
26	22	7.739	4.102	0.53	2.090	7.242	3.838	0.53	2.209	6.745	3.575	0.53	2.288
26	24	8.165	3.348	0.41	2.169	7.668	3.144	0.41	2.268	7.242	2.969	0.41	2.366
26	26	8.591	2.491	0.29	2.248	8.094	2.347	0.29	2.347	7.597	2.203	0.29	2.445
27	18	6.958	5.636	0.81	1.933	6.390	5.176	0.81	2.051	5.893	4.773	0.81	2.130
27	20	7.313	5.046	0.69	2.011	6.816	4.703	0.69	2.110	6.319	4.360	0.69	2.228
27	22	7.739	4.411	0.57	2.090	7.242	4.128	0.57	2.209	6.745	3.845	0.57	2.288
27	24	8.165	3.674	0.45	2.169	7.668	3.451	0.45	2.268	7.242	3.259	0.45	2.366
27	26	8.591	2.835	0.33	2.248	8.094	2.671	0.33	2.347	7.597	2.507	0.33	2.445
28	18	6.958	5.914	0.85	1.933	6.390	5.432	0.85	2.051	5.893	5.009	0.85	2.130
28	20	7.313	5.338	0.73	2.011	6.816	4.976	0.73	2.110	6.319	4.613	0.73	2.228
28	22	7.739	4.721	0.61	2.090	7.242	4.418	0.61	2.209	6.745	4.114	0.61	2.288
28	24	8.165	4.001	0.49	2.169	7.668	3.757	0.49	2.268	7.242	3.549	0.49	2.366
28	26	8.591	3.179	0.37	2.248	8.094	2.995	0.37	2.347	7.597	2.811	0.37	2.445
29	18	6.958	6.193	0.89	1.933	6.390	5.687	0.89	2.051	5.893	5.245	0.89	2.130
29	20	7.313	5.631	0.77	2.011	6.816	5.248	0.77	2.110	6.319	4.866	0.77	2.228
29	22	7.739	5.030	0.65	2.090	7.242	4.707	0.65	2.209	6.745	4.384	0.65	2.288
29	24	8.165	4.327	0.53	2.169	7.668	4.064	0.53	2.268	7.242	3.838	0.53	2.366
29	26	8.591	3.522	0.41	2.248	8.094	3.319	0.41	2.347	7.597	3.115	0.41	2.445
30	18	6.958	6.471	0.93	1.933	6.390	5.943	0.93	2.051	5.893	5.480	0.93	2.130
30	20	7.313	5.924	0.81	2.011	6.816	5.521	0.81	2.110	6.319	5.118	0.81	2.228
30	22	7.739	5.340	0.69	2.090	7.242	4.997	0.69	2.209	6.745	4.654	0.69	2.288
30	24	8.165	4.654	0.57	2.169	7.668	4.371	0.57	2.268	7.242	4.128	0.57	2.366
30	26	8.591	3.866	0.45	2.248	8.094	3.642	0.45	2.347	7.597	3.419	0.45	2.445
31	18	6.958	6.749	0.97	1.933	6.390	6.198	0.97	2.051	5.893	5.716	0.97	2.130
31	20	7.313	6.216	0.85	2.011	6.816	5.794	0.85	2.110	6.319	5.371	0.85	2.228
31	22	7.739	5.649	0.73	2.090	7.242	5.287	0.73	2.209	6.745	4.924	0.73	2.288
31	24	8.165	4.981	0.61	2.169	7.668	4.677	0.61	2.268	7.242	4.418	0.61	2.366
31	26	8.591	4.210	0.49	2.248	8.094	3.966	0.49	2.347	7.597	3.723	0.49	2.445
32	18	6.958	6.958	1.00	1.933	6.390	6.390	1.00	2.051	5.893	5.893	1.00	2.130
32	20	7.313	6.509	0.89	2.011	6.816	6.066	0.89	2.110	6.319	5.624	0.89	2.228
32	22	7.739	5.959	0.77	2.090	7.242	5.576	0.77	2.209	6.745	5.194	0.77	2.288
32	24	8.165	5.307	0.65	2.169	7.668	4.984	0.65	2.268	7.242	4.707	0.65	2.366
32	26	8.591	4.553	0.53	2.248	8.094	4.290	0.53	2.347	7.597	4.026	0.53	2.445

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM100EA2 / PUZ-SM100VKA2 PUZ-SM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.301	0.67	2.235	9.120	6.110	0.67	2.361	8.835	5.919	0.67	2.501
20	18	10.070	5.539	0.55	2.277	9.785	5.382	0.55	2.403	9.453	5.199	0.55	2.570
20	20	10.830	4.657	0.43	2.347	10.593	4.555	0.43	2.459	10.308	4.432	0.43	2.626
22	16	9.405	7.054	0.75	2.235	9.120	6.840	0.75	2.361	8.835	6.626	0.75	2.501
22	18	10.070	6.344	0.63	2.277	9.785	6.165	0.63	2.403	9.453	5.955	0.63	2.570
22	20	10.830	5.523	0.51	2.347	10.593	5.402	0.51	2.459	10.308	5.257	0.51	2.626
24	16	9.405	7.806	0.83	2.235	9.120	7.570	0.83	2.361	8.835	7.333	0.83	2.501
24	18	10.070	7.150	0.71	2.277	9.785	6.947	0.71	2.403	9.453	6.712	0.71	2.570
24	20	10.830	6.390	0.59	2.347	10.593	6.250	0.59	2.459	10.308	6.082	0.59	2.626
24	22	11.543	5.425	0.47	2.403	11.305	5.313	0.47	2.543	11.020	5.179	0.47	2.710
26	16	9.405	8.559	0.91	2.235	9.120	8.299	0.91	2.361	8.835	8.040	0.91	2.501
26	18	10.070	7.955	0.79	2.277	9.785	7.730	0.79	2.403	9.453	7.468	0.79	2.570
26	20	10.830	7.256	0.67	2.347	10.593	7.097	0.67	2.459	10.308	6.906	0.67	2.626
26	22	11.543	6.349	0.55	2.403	11.305	6.218	0.55	2.543	11.020	6.061	0.55	2.710
27	16	9.405	8.935	0.95	2.235	9.120	8.664	0.95	2.361	8.835	8.393	0.95	2.501
27	18	10.070	8.358	0.83	2.277	9.785	8.122	0.83	2.403	9.453	7.846	0.83	2.570
27	20	10.830	7.689	0.71	2.347	10.593	7.521	0.71	2.459	10.308	7.319	0.71	2.626
27	22	11.543	6.810	0.59	2.403	11.305	6.670	0.59	2.543	11.020	6.502	0.59	2.710
28	16	9.405	9.311	0.99	2.235	9.120	9.029	0.99	2.361	8.835	8.747	0.99	2.501
28	18	10.070	8.761	0.87	2.277	9.785	8.513	0.87	2.403	9.453	8.224	0.87	2.570
28	20	10.830	8.123	0.75	2.347	10.593	7.945	0.75	2.459	10.308	7.731	0.75	2.626
28	22	11.543	7.272	0.63	2.403	11.305	7.122	0.63	2.543	11.020	6.943	0.63	2.710
30	16	9.405	9.405	1.00	2.235	9.120	9.120	1.00	2.361	8.835	8.835	1.00	2.501
30	18	10.070	9.567	0.95	2.277	9.785	9.296	0.95	2.403	9.453	8.980	0.95	2.570
30	20	10.830	8.989	0.83	2.347	10.593	8.792	0.83	2.459	10.308	8.556	0.83	2.626
30	22	11.543	8.196	0.71	2.403	11.305	8.027	0.71	2.543	11.020	7.824	0.71	2.710
32	16	9.405	9.405	1.00	2.235	9.120	9.120	1.00	2.361	8.835	8.835	1.00	2.501
32	18	10.070	10.070	1.00	2.277	9.785	9.785	1.00	2.403	9.453	9.453	1.00	2.570
32	20	10.830	9.855	0.91	2.347	10.593	9.640	0.91	2.459	10.308	9.380	0.91	2.626
32	22	11.543	9.119	0.79	2.403	11.305	8.931	0.79	2.543	11.020	8.706	0.79	2.710
34	16	9.405	9.405	1.00	2.235	9.120	9.120	1.00	2.361	8.835	8.835	1.00	2.501
34	18	10.070	10.070	1.00	2.277	9.785	9.785	1.00	2.403	9.453	9.453	1.00	2.570
34	20	10.830	10.722	0.99	2.347	10.593	10.487	0.99	2.459	10.308	10.205	0.99	2.626
34	22	11.543	10.042	0.87	2.403	11.305	9.835	0.87	2.543	11.020	9.587	0.87	2.710

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.665	0.67	2.682	8.075	5.410	0.67	2.878	7.695	5.156	0.67	3.115
20	18	9.120	5.016	0.55	2.752	8.835	4.859	0.55	2.962	8.265	4.546	0.55	3.185
20	20	9.880	4.248	0.43	2.822	9.500	4.085	0.43	3.018	8.930	3.840	0.43	3.241
22	16	8.455	6.341	0.75	2.682	8.075	6.056	0.75	2.878	7.695	5.771	0.75	3.115
22	18	9.120	5.746	0.63	2.752	8.835	5.566	0.63	2.962	8.265	5.207	0.63	3.185
22	20	9.880	5.039	0.51	2.822	9.500	4.845	0.51	3.018	8.930	4.554	0.51	3.241
24	16	8.455	7.018	0.83	2.682	8.075	6.702	0.83	2.878	7.695	6.387	0.83	3.115
24	18	9.120	6.475	0.71	2.752	8.835	6.273	0.71	2.962	8.265	5.868	0.71	3.185
24	20	9.880	5.829	0.59	2.822	9.500	5.605	0.59	3.018	8.930	5.269	0.59	3.241
24	22	10.640	5.001	0.47	2.878	10.260	4.822	0.47	3.101	9.690	4.554	0.47	3.297
26	16	8.455	7.694	0.91	2.682	8.075	7.348	0.91	2.878	7.695	7.002	0.91	3.115
26	18	9.120	7.205	0.79	2.752	8.835	6.980	0.79	2.962	8.265	6.529	0.79	3.185
26	20	9.880	6.620	0.67	2.822	9.500	6.365	0.67	3.018	8.930	5.983	0.67	3.241
26	22	10.640	5.852	0.55	2.878	10.260	5.643	0.55	3.101	9.690	5.330	0.55	3.297
27	16	8.455	8.032	0.95	2.682	8.075	7.671	0.95	2.878	7.695	7.310	0.95	3.115
27	18	9.120	7.570	0.83	2.752	8.835	7.333	0.83	2.962	8.265	6.860	0.83	3.185
27	20	9.880	7.015	0.71	2.822	9.500	6.745	0.71	3.018	8.930	6.340	0.71	3.241
27	22	10.640	6.278	0.59	2.878	10.260	6.053	0.59	3.101	9.690	5.717	0.59	3.297
28	16	8.455	8.370	0.99	2.682	8.075	7.994	0.99	2.878	7.695	7.618	0.99	3.115
28	18	9.120	7.934	0.87	2.752	8.835	7.686	0.87	2.962	8.265	7.191	0.87	3.185
28	20	9.880	7.410	0.75	2.822	9.500	7.125	0.75	3.018	8.930	6.698	0.75	3.241
28	22	10.640	6.703	0.63	2.878	10.260	6.464	0.63	3.101	9.690	6.105	0.63	3.297
30	16	8.455	8.455	1.00	2.682	8.075	8.075	1.00	2.878	7.695	7.695	1.00	3.115
30	18	9.120	8.664	0.95	2.752	8.835	8.393	0.95	2.962	8.265	7.852	0.95	3.185
30	20	9.880	8.200	0.83	2.822	9.500	7.885	0.83	3.018	8.930	7.412	0.83	3.241
30	22	10.640	7.554	0.71	2.878	10.260	7.285	0.71	3.101	9.690	6.880	0.71	3.297
32	16	8.455	8.455	1.00	2.682	8.075	8.075	1.00	2.878	7.695	7.695	1.00	3.115
32	18	9.120	9.120	1.00	2.752	8.835	8.835	1.00	2.962	8.265	8.265	1.00	3.185
32	20	9.880	8.991	0.91	2.822	9.500	8.645	0.91	3.018	8.930	8.126	0.91	3.241
32	22	10.640	8.406	0.79	2.878	10.260	8.105	0.79	3.101	9.690	7.655	0.79	3.297
34	16	8.455	8.455	1.00	2.682	8.075	8.075	1.00	2.878	7.695	7.695	1.00	3.115
34	18	9.120	9.120	1.00	2.752	8.835	8.835	1.00	2.962	8.265	8.265	1.00	3.185
34	20	9.880	9.781	0.99	2.822	9.500	9.405	0.99	3.018	8.930	8.841	0.99	3.241
34	22	10.640	9.257	0.87	2.878	10.260	8.926	0.87	3.101	9.690	8.430	0.87	3.297

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM125EA2 / PUZ-SM125VKA2 PUZ-SM125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.547	0.63	3.338	11.616	7.318	0.63	3.525	11.253	7.089	0.63	3.734
20	18	12.826	6.541	0.51	3.400	12.463	6.356	0.51	3.588	12.040	6.140	0.51	3.838
20	20	13.794	5.380	0.39	3.504	13.492	5.262	0.39	3.671	13.129	5.120	0.39	3.922
22	16	11.979	8.505	0.71	3.338	11.616	8.247	0.71	3.525	11.253	7.990	0.71	3.734
22	18	12.826	7.567	0.59	3.400	12.463	7.353	0.59	3.588	12.040	7.104	0.59	3.838
22	20	13.794	6.483	0.47	3.504	13.492	6.341	0.47	3.671	13.129	6.171	0.47	3.922
24	16	11.979	9.463	0.79	3.338	11.616	9.177	0.79	3.525	11.253	8.890	0.79	3.734
24	18	12.826	8.593	0.67	3.400	12.463	8.350	0.67	3.588	12.040	8.067	0.67	3.838
24	20	13.794	7.587	0.55	3.504	13.492	7.421	0.55	3.671	13.129	7.221	0.55	3.922
24	22	14.702	6.322	0.43	3.588	14.399	6.192	0.43	3.797	14.036	6.035	0.43	4.047
26	16	11.979	10.422	0.87	3.338	11.616	10.106	0.87	3.525	11.253	9.790	0.87	3.734
26	18	12.826	9.620	0.75	3.400	12.463	9.347	0.75	3.588	12.040	9.030	0.75	3.838
26	20	13.794	8.690	0.63	3.504	13.492	8.500	0.63	3.671	13.129	8.271	0.63	3.922
26	22	14.702	7.498	0.51	3.588	14.399	7.343	0.51	3.797	14.036	7.158	0.51	4.047
27	16	11.979	10.901	0.91	3.338	11.616	10.571	0.91	3.525	11.253	10.240	0.91	3.734
27	18	12.826	10.133	0.79	3.400	12.463	9.846	0.79	3.588	12.040	9.512	0.79	3.838
27	20	13.794	9.242	0.67	3.504	13.492	9.040	0.67	3.671	13.129	8.796	0.67	3.922
27	22	14.702	8.086	0.55	3.588	14.399	7.919	0.55	3.797	14.036	7.720	0.55	4.047
28	16	11.979	11.380	0.95	3.338	11.616	11.035	0.95	3.525	11.253	10.690	0.95	3.734
28	18	12.826	10.646	0.83	3.400	12.463	10.344	0.83	3.588	12.040	9.993	0.83	3.838
28	20	13.794	9.794	0.71	3.504	13.492	9.579	0.71	3.671	13.129	9.322	0.71	3.922
28	22	14.702	8.674	0.59	3.588	14.399	8.495	0.59	3.797	14.036	8.281	0.59	4.047
30	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
30	18	12.826	11.672	0.91	3.400	12.463	11.341	0.91	3.588	12.040	10.956	0.91	3.838
30	20	13.794	10.897	0.79	3.504	13.492	10.659	0.79	3.671	13.129	10.372	0.79	3.922
30	22	14.702	9.850	0.67	3.588	14.399	9.647	0.67	3.797	14.036	9.404	0.67	4.047
32	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
32	18	12.826	12.698	0.99	3.400	12.463	12.338	0.99	3.588	12.040	11.920	0.99	3.838
32	20	13.794	12.001	0.87	3.504	13.492	11.738	0.87	3.671	13.129	11.422	0.87	3.922
32	22	14.702	11.027	0.75	3.588	14.399	10.799	0.75	3.797	14.036	10.527	0.75	4.047
34	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
34	18	12.826	12.826	1.00	3.400	12.463	12.463	1.00	3.588	12.040	12.040	1.00	3.838
34	20	13.794	13.104	0.95	3.504	13.492	12.817	0.95	3.671	13.129	12.473	0.95	3.922
34	22	14.702	12.203	0.83	3.588	14.399	11.951	0.83	3.797	14.036	11.650	0.83	4.047

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.784	0.63	4.005	10.285	6.480	0.63	4.297	9.801	6.175	0.63	4.652
20	18	11.616	5.924	0.51	4.109	11.253	5.739	0.51	4.422	10.527	5.369	0.51	4.756
20	20	12.584	4.908	0.39	4.214	12.100	4.719	0.39	4.506	11.374	4.436	0.39	4.840
22	16	10.769	7.646	0.71	4.005	10.285	7.302	0.71	4.297	9.801	6.959	0.71	4.652
22	18	11.616	6.853	0.59	4.109	11.253	6.639	0.59	4.422	10.527	6.211	0.59	4.756
22	20	12.584	5.914	0.47	4.214	12.100	5.687	0.47	4.506	11.374	5.346	0.47	4.840
24	16	10.769	8.508	0.79	4.005	10.285	8.125	0.79	4.297	9.801	7.743	0.79	4.652
24	18	11.616	7.783	0.67	4.109	11.253	7.540	0.67	4.422	10.527	7.053	0.67	4.756
24	20	12.584	6.921	0.55	4.214	12.100	6.655	0.55	4.506	11.374	6.256	0.55	4.840
24	22	13.552	5.827	0.43	4.297	13.068	5.619	0.43	4.631	12.342	5.307	0.43	4.923
26	16	10.769	9.369	0.87	4.005	10.285	8.948	0.87	4.297	9.801	8.527	0.87	4.652
26	18	11.616	8.712	0.75	4.109	11.253	8.440	0.75	4.422	10.527	7.895	0.75	4.756
26	20	12.584	7.928	0.63	4.214	12.100	7.623	0.63	4.506	11.374	7.166	0.63	4.840
26	22	13.552	6.912	0.51	4.297	13.068	6.665	0.51	4.631	12.342	6.294	0.51	4.923
27	16	10.769	9.800	0.91	4.005	10.285	9.359	0.91	4.297	9.801	8.919	0.91	4.652
27	18	11.616	9.177	0.79	4.109	11.253	8.890	0.79	4.422	10.527	8.316	0.79	4.756
27	20	12.584	8.431	0.67	4.214	12.100	8.107	0.67	4.506	11.374	7.621	0.67	4.840
27	22	13.552	7.454	0.55	4.297	13.068	7.187	0.55	4.631	12.342	6.788	0.55	4.923
28	16	10.769	10.231	0.95	4.005	10.285	9.771	0.95	4.297	9.801	9.311	0.95	4.652
28	18	11.616	9.641	0.83	4.109	11.253	9.340	0.83	4.422	10.527	8.737	0.83	4.756
28	20	12.584	8.935	0.71	4.214	12.100	8.591	0.71	4.506	11.374	8.076	0.71	4.840
28	22	13.552	7.996	0.59	4.297	13.068	7.710	0.59	4.631	12.342	7.282	0.59	4.923
30	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
30	18	11.616	10.571	0.91	4.109	11.253	10.240	0.91	4.422	10.527	9.580	0.91	4.756
30	20	12.584	9.941	0.79	4.214	12.100	9.559	0.79	4.506	11.374	8.985	0.79	4.840
30	22	13.552	9.080	0.67	4.297	13.068	8.756	0.67	4.631	12.342	8.269	0.67	4.923
32	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
32	18	11.616	11.500	0.99	4.109	11.253	11.140	0.99	4.422	10.527	10.422	0.99	4.756
32	20	12.584	10.948	0.87	4.214	12.100	10.527	0.87	4.506	11.374	9.895	0.87	4.840
32	22	13.552	10.164	0.75	4.297	13.068	9.801	0.75	4.631	12.342	9.257	0.75	4.923
34	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
34	18	11.616	11.616	1.00	4.109	11.253	11.253	1.00	4.422	10.527	10.527	1.00	4.756
34	20	12.584	11.955	0.95	4.214	12.100	11.495	0.95	4.506	11.374	10.805	0.95	4.840
34	22	13.552	11.248	0.83	4.297	13.068	10.846	0.83	4.631	12.342	10.244	0.83	4.923

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM140EA2 / PUZ-SM140VKA2 PUZ-SM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	7.960	0.60	4.107	12.864	7.718	0.60	4.338	12.462	7.477	0.60	4.595
20	18	14.204	6.818	0.48	4.184	13.802	6.625	0.48	4.415	13.333	6.400	0.48	4.723
20	20	15.276	5.499	0.36	4.313	14.941	5.379	0.36	4.518	14.539	5.234	0.36	4.826
22	16	13.266	9.021	0.68	4.107	12.864	8.748	0.68	4.338	12.462	8.474	0.68	4.595
22	18	14.204	7.954	0.56	4.184	13.802	7.729	0.56	4.415	13.333	7.466	0.56	4.723
22	20	15.276	6.721	0.44	4.313	14.941	6.574	0.44	4.518	14.539	6.397	0.44	4.826
24	16	13.266	10.082	0.76	4.107	12.864	9.777	0.76	4.338	12.462	9.471	0.76	4.595
24	18	14.204	9.091	0.64	4.184	13.802	8.833	0.64	4.415	13.333	8.533	0.64	4.723
24	20	15.276	7.944	0.52	4.313	14.941	7.769	0.52	4.518	14.539	7.560	0.52	4.826
24	22	16.281	6.512	0.40	4.415	15.946	6.378	0.40	4.672	15.544	6.218	0.40	4.980
26	16	13.266	11.143	0.84	4.107	12.864	10.806	0.84	4.338	12.462	10.468	0.84	4.595
26	18	14.204	10.227	0.72	4.184	13.802	9.937	0.72	4.415	13.333	9.600	0.72	4.723
26	20	15.276	9.166	0.60	4.313	14.941	8.965	0.60	4.518	14.539	8.723	0.60	4.826
26	22	16.281	7.815	0.48	4.415	15.946	7.654	0.48	4.672	15.544	7.461	0.48	4.980
27	16	13.266	11.674	0.88	4.107	12.864	11.320	0.88	4.338	12.462	10.967	0.88	4.595
27	18	14.204	10.795	0.76	4.184	13.802	10.490	0.76	4.415	13.333	10.133	0.76	4.723
27	20	15.276	9.777	0.64	4.313	14.941	9.562	0.64	4.518	14.539	9.305	0.64	4.826
27	22	16.281	8.466	0.52	4.415	15.946	8.292	0.52	4.672	15.544	8.083	0.52	4.980
28	16	13.266	12.205	0.92	4.107	12.864	11.835	0.92	4.338	12.462	11.465	0.92	4.595
28	18	14.204	11.363	0.80	4.184	13.802	11.042	0.80	4.415	13.333	10.666	0.80	4.723
28	20	15.276	10.388	0.68	4.313	14.941	10.160	0.68	4.518	14.539	9.887	0.68	4.826
28	22	16.281	9.117	0.56	4.415	15.946	8.930	0.56	4.672	15.544	8.705	0.56	4.980
30	16	13.266	13.266	1.00	4.107	12.864	12.864	1.00	4.338	12.462	12.462	1.00	4.595
30	18	14.204	12.500	0.88	4.184	13.802	12.146	0.88	4.415	13.333	11.733	0.88	4.723
30	20	15.276	11.610	0.76	4.313	14.941	11.355	0.76	4.518	14.539	11.050	0.76	4.826
30	22	16.281	10.420	0.64	4.415	15.946	10.205	0.64	4.672	15.544	9.948	0.64	4.980
32	16	13.266	13.266	1.00	4.107	12.864	12.864	1.00	4.338	12.462	12.462	1.00	4.595
32	18	14.204	13.636	0.96	4.184	13.802	13.250	0.96	4.415	13.333	12.800	0.96	4.723
32	20	15.276	12.832	0.84	4.313	14.941	12.550	0.84	4.518	14.539	12.213	0.84	4.826
32	22	16.281	11.722	0.72	4.415	15.946	11.481	0.72	4.672	15.544	11.192	0.72	4.980
34	16	13.266	13.266	1.00	4.107	12.864	12.864	1.00	4.338	12.462	12.462	1.00	4.595
34	18	14.204	14.204	1.00	4.184	13.802	13.802	1.00	4.415	13.333	13.333	1.00	4.723
34	20	15.276	14.054	0.92	4.313	14.941	13.746	0.92	4.518	14.539	13.376	0.92	4.826
34	22	16.281	13.025	0.80	4.415	15.946	12.757	0.80	4.672	15.544	12.435	0.80	4.980

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.156	0.60	4.929	11.390	6.834	0.60	5.288	10.854	6.512	0.60	5.724
20	18	12.864	6.175	0.48	5.057	12.462	5.982	0.48	5.442	11.658	5.596	0.48	5.853
20	20	13.936	5.017	0.36	5.185	13.400	4.824	0.36	5.545	12.596	4.535	0.36	5.955
22	16	11.926	8.110	0.68	4.929	11.390	7.745	0.68	5.288	10.854	7.381	0.68	5.724
22	18	12.864	7.204	0.56	5.057	12.462	6.979	0.56	5.442	11.658	6.528	0.56	5.853
22	20	13.936	6.132	0.44	5.185	13.400	5.896	0.44	5.545	12.596	5.542	0.44	5.955
24	16	11.926	9.064	0.76	4.929	11.390	8.656	0.76	5.288	10.854	8.249	0.76	5.724
24	18	12.864	8.233	0.64	5.057	12.462	7.976	0.64	5.442	11.658	7.461	0.64	5.853
24	20	13.936	7.247	0.52	5.185	13.400	6.968	0.52	5.545	12.596	6.550	0.52	5.955
24	22	15.008	6.003	0.40	5.288	14.472	5.789	0.40	5.699	13.668	5.467	0.40	6.058
26	16	11.926	10.018	0.84	4.929	11.390	9.568	0.84	5.288	10.854	9.117	0.84	5.724
26	18	12.864	9.262	0.72	5.057	12.462	8.973	0.72	5.442	11.658	8.394	0.72	5.853
26	20	13.936	8.362	0.60	5.185	13.400	8.040	0.60	5.545	12.596	7.558	0.60	5.955
26	22	15.008	7.204	0.48	5.288	14.472	6.947	0.48	5.699	13.668	6.561	0.48	6.058
27	16	11.926	10.495	0.88	4.929	11.390	10.023	0.88	5.288	10.854	9.552	0.88	5.724
27	18	12.864	9.777	0.76	5.057	12.462	9.471	0.76	5.442	11.658	8.860	0.76	5.853
27	20	13.936	8.919	0.64	5.185	13.400	8.576	0.64	5.545	12.596	8.061	0.64	5.955
27	22	15.008	7.804	0.52	5.288	14.472	7.525	0.52	5.699	13.668	7.107	0.52	6.058
28	16	11.926	10.972	0.92	4.929	11.390	10.479	0.92	5.288	10.854	9.986	0.92	5.724
28	18	12.864	10.291	0.80	5.057	12.462	9.970	0.80	5.442	11.658	9.326	0.80	5.853
28	20	13.936	9.476	0.68	5.185	13.400	9.112	0.68	5.545	12.596	8.565	0.68	5.955
28	22	15.008	8.404	0.56	5.288	14.472	8.104	0.56	5.699	13.668	7.654	0.56	6.058
30	16	11.926	11.926	1.00	4.929	11.390	11.390	1.00	5.288	10.854	10.854	1.00	5.724
30	18	12.864	11.320	0.88	5.057	12.462	10.967	0.88	5.442	11.658	10.259	0.88	5.853
30	20	13.936	10.591	0.76	5.185	13.400	10.184	0.76	5.545	12.596	9.573	0.76	5.955
30	22	15.008	9.605	0.64	5.288	14.472	9.262	0.64	5.699	13.668	8.748	0.64	6.058
32	16	11.926	11.926	1.00	4.929	11.390	11.390	1.00	5.288	10.854	10.854	1.00	5.724
32	18	12.864	12.349	0.96	5.057	12.462	11.964	0.96	5.442	11.658	11.192	0.96	5.853
32	20	13.936	11.706	0.84	5.185	13.400	11.256	0.84	5.545	12.596	10.581	0.84	5.955
32	22	15.008	10.806	0.72	5.288	14.472	10.420	0.72	5.699	13.668	9.841	0.72	6.058
34	16	11.926	11.926	1.00	4.929	11.390	11.390	1.00	5.288	10.854	10.854	1.00	5.724
34	18	12.864	12.864	1.00	5.057	12.462	12.462	1.00	5.442	11.658	11.658	1.00	5.853
34	20	13.936	12.821	0.92	5.185	13.400	12.328	0.92	5.545	12.596	11.588	0.92	5.955
34	22	15.008	12.006	0.80	5.288	14.472	11.578	0.80	5.699	13.668	10.934	0.80	6.058

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY
PLA-ZM-EA2 / PUZ-ZM-VKA2 PUZ-ZM-VHA2 PUZ-ZM-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM35EA2	15	2.604	0.484	2.829	0.533	3.157	0.615	4.141	0.738	4.674	0.820	5.207	0.886
	20	2.501	0.525	2.706	0.574	2.993	0.664	3.998	0.795	4.510	0.886	5.023	0.951
	25	2.419	0.558	2.624	0.623	2.870	0.722	3.772	0.845	4.346	0.947	4.838	1.021
PLA-ZM50EA2	15	3.810	0.804	4.140	0.886	4.620	1.022	6.060	1.227	6.840	1.363	7.620	1.472
	20	3.660	0.872	3.960	0.954	4.380	1.104	5.850	1.322	6.600	1.472	7.350	1.581
	25	3.540	0.927	3.840	1.036	4.200	1.199	5.520	1.404	6.360	1.574	7.080	1.697
PLA-ZM60EA2	15	4.445	1.007	4.830	1.110	5.390	1.280	7.070	1.536	7.980	1.707	8.890	1.844
	20	4.270	1.092	4.620	1.195	5.110	1.383	6.825	1.656	7.700	1.844	8.575	1.980
	25	4.130	1.161	4.480	1.297	4.900	1.502	6.440	1.758	7.420	1.972	8.260	2.125
PLA-ZM71EA2	15	5.080	1.073	5.520	1.182	6.160	1.364	8.080	1.636	9.120	1.818	10.160	1.963
	20	4.880	1.164	5.280	1.273	5.840	1.473	7.800	1.763	8.800	1.963	9.800	2.109
	25	4.720	1.236	5.120	1.382	5.600	1.600	7.360	1.873	8.480	2.100	9.440	2.263
PLA-ZM100EA2	15	7.112	1.536	7.728	1.693	8.624	1.953	11.312	2.344	12.768	2.604	14.224	2.812
	20	6.832	1.667	7.392	1.823	8.176	2.109	10.920	2.526	12.320	2.812	13.720	3.021
	25	6.608	1.771	7.168	1.979	7.840	2.292	10.304	2.682	11.872	3.008	13.216	3.242
PLA-ZM125EA2	15	8.890	2.168	9.660	2.388	10.780	2.756	14.140	3.307	15.960	3.674	17.780	3.968
	20	8.540	2.351	9.240	2.572	10.220	2.976	13.650	3.564	15.400	3.968	17.150	4.262
	25	8.260	2.498	8.960	2.792	9.800	3.233	12.880	3.784	14.840	4.243	16.520	4.574
PLA-ZM140EA2	15	10.160	2.544	11.040	2.803	12.320	3.234	16.160	3.881	18.240	4.312	20.320	4.657
	20	9.760	2.760	10.560	3.018	11.680	3.493	15.600	4.183	17.600	4.657	19.600	5.002
	25	9.440	2.932	10.240	3.277	11.200	3.795	14.720	4.441	16.960	4.980	18.880	5.368

HEATING CAPACITY
PLA-M-EA2 / PUZ-ZM-VKA2 PUZ-ZM-VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.604	0.525	2.829	0.579	3.157	0.668	4.141	0.801	4.674	0.890	5.207	0.961
	21	2.501	0.570	2.706	0.623	2.993	0.721	3.998	0.863	4.510	0.961	5.023	1.032
	26	2.419	0.605	2.624	0.676	2.870	0.783	3.772	0.917	4.346	1.028	4.838	1.108
PLA-M50EA2	15	3.810	0.933	4.140	1.028	4.620	1.186	6.060	1.423	6.840	1.581	7.620	1.707
	21	3.660	1.012	3.960	1.107	4.380	1.281	5.850	1.534	6.600	1.707	7.350	1.834
	26	3.540	1.075	3.840	1.202	4.200	1.391	5.520	1.628	6.360	1.826	7.080	1.968
PLA-M60EA2	15	4.445	1.099	4.830	1.211	5.390	1.397	7.070	1.677	7.980	1.863	8.890	2.012
	21	4.270	1.192	4.620	1.304	5.110	1.509	6.825	1.807	7.700	2.012	8.575	2.161
	26	4.130	1.267	4.480	1.416	4.900	1.639	6.440	1.919	7.420	2.152	8.260	2.319
PLA-M71EA2	15	5.080	1.188	5.520	1.309	6.160	1.511	8.080	1.813	9.120	2.014	10.160	2.175
	21	4.880	1.289	5.280	1.410	5.840	1.631	7.800	1.954	8.800	2.175	9.800	2.336
	26	4.720	1.370	5.120	1.531	5.600	1.772	7.360	2.074	8.480	2.326	9.440	2.507
PLA-M100EA2	15	7.112	1.584	7.728	1.745	8.624	2.014	11.312	2.417	12.768	2.685	14.224	2.900
	21	6.832	1.718	7.392	1.880	8.176	2.175	10.920	2.604	12.320	2.900	13.720	3.115
	26	6.608	1.826	7.168	2.041	7.840	2.363	10.304	2.766	11.872	3.101	13.216	3.343
PLA-M125EA2	15	8.890	2.226	9.660	2.452	10.780	2.830	14.140	3.396	15.960	3.773	17.780	4.075
	21	8.540	2.415	9.240	2.641	10.220	3.056	13.650	3.660	15.400	4.075	17.150	4.377
	26	8.260	2.566	8.960	2.867	9.800	3.320	12.880	3.886	14.840	4.358	16.520	4.697
PLA-M140EA2	15	10.160	2.575	11.040	2.837	12.320	3.274	16.160	3.929	18.240	4.365	20.320	4.714
	21	9.760	2.794	10.560	3.056	11.680	3.536	15.600	4.234	17.600	4.714	19.600	5.063
	26	9.440	2.968	10.240	3.317	11.200	3.841	14.720	4.496	16.960	5.042	18.880	5.434

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**HEATING CAPACITY
PLA-M-EA2 / SUZ-M-VA**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.050	0.508	2.583	0.634	3.116	0.761	3.649	0.859	4.182	0.927	4.715	0.986	5.207	1.015	5.740	1.035
	21	1.927	0.541	2.460	0.683	2.952	0.810	3.485	0.898	3.977	0.966	4.510	1.015	5.002	1.044	5.515	1.083
	26	1.681	0.586	2.214	0.732	2.747	0.859	3.239	0.947	3.772	1.015	4.305	1.064	4.797	1.093	5.330	1.122
PLA-M50EA2	15	3.000	0.902	3.780	1.127	4.560	1.353	5.340	1.526	6.120	1.647	6.900	1.751	7.620	1.803	8.400	1.838
	21	2.820	0.961	3.600	1.214	4.320	1.439	5.100	1.595	5.820	1.717	6.600	1.803	7.320	1.855	8.070	1.925
	26	2.460	1.040	3.240	1.301	4.020	1.526	4.740	1.682	5.520	1.803	6.300	1.890	7.020	1.942	7.800	1.994
PLA-M60EA2	15	3.500	0.958	4.410	1.197	5.320	1.437	6.230	1.621	7.140	1.750	8.050	1.860	8.890	1.916	9.800	1.953
	21	3.290	1.020	4.200	1.289	5.040	1.529	5.950	1.695	6.790	1.824	7.700	1.916	8.540	1.971	9.415	2.045
	26	2.870	1.105	3.780	1.382	4.690	1.621	5.530	1.787	6.440	1.916	7.350	2.008	8.190	2.063	9.100	2.118
PLA-M71EA2	15	4.000	1.152	5.040	1.440	6.080	1.728	7.120	1.950	8.160	2.105	9.200	2.238	10.160	2.305	11.200	2.349
	21	3.760	1.228	4.800	1.551	5.760	1.839	6.800	2.039	7.760	2.194	8.800	2.305	9.760	2.371	10.760	2.460
	26	3.280	1.330	4.320	1.662	5.360	1.950	6.320	2.150	7.360	2.305	8.400	2.415	9.360	2.482	10.400	2.548

**HEATING CAPACITY
PLA-M-EA2 / PUZ-M-VKA2 PUZ-M-YKA2**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M100EA2	15	7.112	1.781	7.728	1.962	8.624	2.264	11.312	2.716	12.768	3.018	14.224	3.259
	20	6.832	1.932	7.392	2.113	8.176	2.445	10.920	2.927	12.320	3.259	13.720	3.501
	25	6.608	2.052	7.168	2.294	7.840	2.656	10.304	3.109	11.872	3.486	13.216	3.757
PLA-M125EA2	15	8.573	2.146	9.315	2.365	10.395	2.729	13.635	3.274	15.390	3.638	17.145	3.929
	20	8.235	2.328	8.910	2.547	9.855	2.947	13.163	3.529	14.850	3.929	16.538	4.220
	25	7.965	2.474	8.640	2.765	9.450	3.201	12.420	3.747	14.310	4.202	15.930	4.529
PLA-M140EA2	15	9.525	2.595	10.350	2.859	11.550	3.299	15.150	3.958	17.100	4.398	19.050	4.750
	20	9.150	2.815	9.900	3.079	10.950	3.562	14.625	4.266	16.500	4.750	18.375	5.102
	25	8.850	2.991	9.600	3.342	10.500	3.870	13.800	4.530	15.900	5.080	17.700	5.476

**HEATING CAPACITY
PLA-SM-EA2 / SUZ-SM-VA**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM71EA2	15	4.000	1.188	5.040	1.485	6.080	1.782	7.120	2.011	8.160	2.171	9.200	2.308	10.160	2.376	11.200	2.422
	21	3.760	1.266	4.800	1.600	5.760	1.897	6.800	2.102	7.760	2.262	8.800	2.376	9.760	2.445	10.760	2.536
	26	3.280	1.371	4.320	1.714	5.360	2.011	6.320	2.216	7.360	2.376	8.400	2.491	9.360	2.559	10.400	2.628

**HEATING CAPACITY
PLA-SM-EA2 / PUZ-SM-VKA2 PUZ-SM-YKA2**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM100EA2	15	7.112	1.830	7.728	2.016	8.624	2.327	11.312	2.792	12.768	3.102	14.224	3.350
	20	6.832	1.985	7.392	2.171	8.176	2.513	10.920	3.009	12.320	3.350	13.720	3.598
	25	6.608	2.109	7.168	2.358	7.840	2.730	10.304	3.195	11.872	3.583	13.216	3.862
PLA-SM125EA2	15	8.573	2.206	9.315	2.430	10.395	2.804	13.635	3.365	15.390	3.739	17.145	4.038
	20	8.235	2.393	8.910	2.617	9.855	3.029	13.163	3.627	14.850	4.038	16.538	4.337
	25	7.965	2.543	8.640	2.842	9.450	3.290	12.420	3.851	14.310	4.319	15.930	4.655
PLA-SM140EA2	15	9.525	2.682	10.350	2.954	11.550	3.409	15.150	4.091	17.100	4.545	19.050	4.909
	20	9.150	2.909	9.900	3.182	10.950	3.681	14.625	4.409	16.500	4.909	18.375	5.272
	25	8.850	3.091	9.600	3.454	10.500	4.000	13.800	4.681	15.900	5.249	17.700	5.659

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.1.5.2 R410A type

1. ZUBADAN SERIES

COOLING CAPACITY

PLA-ZM100EA2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	6.435	0.65	2.29	9.600	6.240	0.65	2.41	9.300	6.045	0.65	2.56
20	18	10.600	5.618	0.53	2.33	10.300	5.459	0.53	2.46	9.950	5.274	0.53	2.63
20	20	11.400	4.674	0.41	2.40	11.150	4.572	0.41	2.51	10.850	4.449	0.41	2.69
22	16	9.900	7.227	0.73	2.29	9.600	7.008	0.73	2.41	9.300	6.789	0.73	2.56
22	18	10.600	6.466	0.61	2.33	10.300	6.283	0.61	2.46	9.950	6.070	0.61	2.63
22	20	11.400	5.586	0.49	2.40	11.150	5.464	0.49	2.51	10.850	5.317	0.49	2.69
24	16	9.900	8.019	0.81	2.29	9.600	7.776	0.81	2.41	9.300	7.533	0.81	2.56
24	18	10.600	7.314	0.69	2.33	10.300	7.107	0.69	2.46	9.950	6.866	0.69	2.63
24	20	11.400	6.498	0.57	2.40	11.150	6.356	0.57	2.51	10.850	6.185	0.57	2.69
24	22	12.150	5.468	0.45	2.46	11.900	5.355	0.45	2.60	11.600	5.220	0.45	2.77
26	16	9.900	8.811	0.89	2.29	9.600	8.544	0.89	2.41	9.300	8.277	0.89	2.56
26	18	10.600	8.162	0.77	2.33	10.300	7.931	0.77	2.46	9.950	7.662	0.77	2.63
26	20	11.400	7.410	0.65	2.40	11.150	7.248	0.65	2.51	10.850	7.053	0.65	2.69
26	22	12.150	6.440	0.53	2.46	11.900	6.307	0.53	2.60	11.600	6.148	0.53	2.77
27	16	9.900	9.207	0.93	2.29	9.600	8.928	0.93	2.41	9.300	8.649	0.93	2.56
27	18	10.600	8.586	0.81	2.33	10.300	8.343	0.81	2.46	9.950	8.060	0.81	2.63
27	20	11.400	7.866	0.69	2.40	11.150	7.694	0.69	2.51	10.850	7.487	0.69	2.69
27	22	12.150	6.926	0.57	2.46	11.900	6.783	0.57	2.60	11.600	6.612	0.57	2.77
28	16	9.900	9.603	0.97	2.29	9.600	9.312	0.97	2.41	9.300	9.021	0.97	2.56
28	18	10.600	9.010	0.85	2.33	10.300	8.755	0.85	2.46	9.950	8.458	0.85	2.63
28	20	11.400	8.322	0.73	2.40	11.150	8.140	0.73	2.51	10.850	7.921	0.73	2.69
28	22	12.150	7.412	0.61	2.46	11.900	7.259	0.61	2.60	11.600	7.076	0.61	2.77
30	16	9.900	9.900	1.00	2.29	9.600	9.600	1.00	2.41	9.300	9.300	1.00	2.56
30	18	10.600	9.858	0.93	2.33	10.300	9.579	0.93	2.46	9.950	9.254	0.93	2.63
30	20	11.400	9.234	0.81	2.40	11.150	9.032	0.81	2.51	10.850	8.789	0.81	2.69
30	22	12.150	8.384	0.69	2.46	11.900	8.211	0.69	2.60	11.600	8.004	0.69	2.77
32	16	9.900	9.900	1.00	2.29	9.600	9.600	1.00	2.41	9.300	9.300	1.00	2.56
32	18	10.600	10.600	1.00	2.33	10.300	10.300	1.00	2.46	9.950	9.950	1.00	2.63
32	20	11.400	10.146	0.89	2.40	11.150	9.924	0.89	2.51	10.850	9.657	0.89	2.69
32	22	12.150	9.356	0.77	2.46	11.900	9.163	0.77	2.60	11.600	8.932	0.77	2.77
34	16	9.900	9.900	1.00	2.29	9.600	9.600	1.00	2.41	9.300	9.300	1.00	2.56
34	18	10.600	10.600	1.00	2.33	10.300	10.300	1.00	2.46	9.950	9.950	1.00	2.63
34	20	11.400	11.058	0.97	2.40	11.150	10.816	0.97	2.51	10.850	10.525	0.97	2.69
34	22	12.150	10.328	0.85	2.46	11.900	10.115	0.85	2.60	11.600	9.860	0.85	2.77

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	5.785	0.65	2.74	8.500	5.525	0.65	2.94	8.100	5.265	0.65	3.19
20	18	9.600	5.088	0.53	2.81	9.300	4.929	0.53	3.03	8.700	4.611	0.53	3.26
20	20	10.400	4.264	0.41	2.89	10.000	4.100	0.41	3.09	9.400	3.854	0.41	3.31
22	16	8.900	6.497	0.73	2.74	8.500	6.205	0.73	2.94	8.100	5.913	0.73	3.19
22	18	9.600	5.856	0.61	2.81	9.300	5.673	0.61	3.03	8.700	5.307	0.61	3.26
22	20	10.400	5.096	0.49	2.89	10.000	4.900	0.49	3.09	9.400	4.606	0.49	3.31
24	16	8.900	7.209	0.81	2.74	8.500	6.885	0.81	2.94	8.100	6.561	0.81	3.19
24	18	9.600	6.624	0.69	2.81	9.300	6.417	0.69	3.03	8.700	6.003	0.69	3.26
24	20	10.400	5.928	0.57	2.89	10.000	5.700	0.57	3.09	9.400	5.358	0.57	3.31
24	22	11.200	5.040	0.45	2.94	10.800	4.860	0.45	3.17	10.200	4.590	0.45	3.37
26	16	8.900	7.921	0.89	2.74	8.500	7.565	0.89	2.94	8.100	7.209	0.89	3.19
26	18	9.600	7.392	0.77	2.81	9.300	7.161	0.77	3.03	8.700	6.699	0.77	3.26
26	20	10.400	6.760	0.65	2.89	10.000	6.500	0.65	3.09	9.400	6.110	0.65	3.31
26	22	11.200	5.936	0.53	2.94	10.800	5.724	0.53	3.17	10.200	5.406	0.53	3.37
27	16	8.900	8.277	0.93	2.74	8.500	7.905	0.93	2.94	8.100	7.533	0.93	3.19
27	18	9.600	7.776	0.81	2.81	9.300	7.533	0.81	3.03	8.700	7.047	0.81	3.26
27	20	10.400	7.176	0.69	2.89	10.000	6.900	0.69	3.09	9.400	6.486	0.69	3.31
27	22	11.200	6.384	0.57	2.94	10.800	6.156	0.57	3.17	10.200	5.814	0.57	3.37
28	16	8.900	8.633	0.97	2.74	8.500	8.245	0.97	2.94	8.100	7.857	0.97	3.19
28	18	9.600	8.160	0.85	2.81	9.300	7.905	0.85	3.03	8.700	7.395	0.85	3.26
28	20	10.400	7.592	0.73	2.89	10.000	7.300	0.73	3.09	9.400	6.862	0.73	3.31
28	22	11.200	6.832	0.61	2.94	10.800	6.588	0.61	3.17	10.200	6.222	0.61	3.37
30	16	8.900	8.900	1.00	2.74	8.500	8.500	1.00	2.94	8.100	8.100	1.00	3.19
30	18	9.600	8.928	0.93	2.81	9.300	8.649	0.93	3.03	8.700	8.091	0.93	3.26
30	20	10.400	8.424	0.81	2.89	10.000	8.100	0.81	3.09	9.400	7.614	0.81	3.31
30	22	11.200	7.728	0.69	2.94	10.800	7.452	0.69	3.17	10.200	7.038	0.69	3.37
32	16	8.900	8.900	1.00	2.74	8.500	8.500	1.00	2.94	8.100	8.100	1.00	3.19
32	18	9.600	9.600	1.00	2.81	9.300	9.300	1.00	3.03	8.700	8.700	1.00	3.26
32	20	10.400	9.256	0.89	2.89	10.000	8.900	0.89	3.09	9.400	8.366	0.89	3.31
32	22	11.200	8.624	0.77	2.94	10.800	8.316	0.77	3.17	10.200	7.854	0.77	3.37
34	16	8.900	8.900	1.00	2.74	8.500	8.500	1.00	2.94	8.100	8.100	1.00	3.19
34	18	9.600	9.600	1.00	2.81	9.300	9.300	1.00	3.03	8.700	8.700	1.00	3.26
34	20	10.400	10.088	0.97	2.89	10.000	9.700	0.97	3.09	9.400	9.118	0.97	3.31
34	22	11.200	9.520	0.85	2.94	10.800	9.180	0.85	3.17	10.200	8.670	0.85	3.37

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM125EA2 / PUHZ-SHW140YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.054	0.57	4.00	12.000	6.840	0.57	4.23	11.625	6.626	0.57	4.48
20	18	13.250	5.963	0.45	4.08	12.875	5.794	0.45	4.30	12.438	5.597	0.45	4.60
20	20	14.250	4.703	0.33	4.20	13.938	4.600	0.33	4.40	13.563	4.476	0.33	4.70
22	16	12.375	8.044	0.65	4.00	12.000	7.800	0.65	4.23	11.625	7.556	0.65	4.48
22	18	13.250	7.023	0.53	4.08	12.875	6.824	0.53	4.30	12.438	6.592	0.53	4.60
22	20	14.250	5.843	0.41	4.20	13.938	5.715	0.41	4.40	13.563	5.561	0.41	4.70
24	16	12.375	9.034	0.73	4.00	12.000	8.760	0.73	4.23	11.625	8.486	0.73	4.48
24	18	13.250	8.083	0.61	4.08	12.875	7.854	0.61	4.30	12.438	7.587	0.61	4.60
24	20	14.250	6.983	0.49	4.20	13.938	6.830	0.49	4.40	13.563	6.646	0.49	4.70
24	22	15.188	5.620	0.37	4.30	14.875	5.504	0.37	4.55	14.500	5.365	0.37	4.85
26	16	12.375	10.024	0.81	4.00	12.000	9.720	0.81	4.23	11.625	9.416	0.81	4.48
26	18	13.250	9.143	0.69	4.08	12.875	8.884	0.69	4.30	12.438	8.582	0.69	4.60
26	20	14.250	8.123	0.57	4.20	13.938	7.945	0.57	4.40	13.563	7.731	0.57	4.70
26	22	15.188	6.835	0.45	4.30	14.875	6.694	0.45	4.55	14.500	6.525	0.45	4.85
27	16	12.375	10.519	0.85	4.00	12.000	10.200	0.85	4.23	11.625	9.881	0.85	4.48
27	18	13.250	9.673	0.73	4.08	12.875	9.399	0.73	4.30	12.438	9.080	0.73	4.60
27	20	14.250	8.693	0.61	4.20	13.938	8.502	0.61	4.40	13.563	8.273	0.61	4.70
27	22	15.188	7.442	0.49	4.30	14.875	7.289	0.49	4.55	14.500	7.105	0.49	4.85
28	16	12.375	11.014	0.89	4.00	12.000	10.680	0.89	4.23	11.625	10.346	0.89	4.48
28	18	13.250	10.203	0.77	4.08	12.875	9.914	0.77	4.30	12.438	9.577	0.77	4.60
28	20	14.250	9.263	0.65	4.20	13.938	9.060	0.65	4.40	13.563	8.816	0.65	4.70
28	22	15.188	8.050	0.53	4.30	14.875	7.894	0.53	4.55	14.500	7.685	0.53	4.85
30	16	12.375	12.004	0.97	4.00	12.000	11.640	0.97	4.23	11.625	11.276	0.97	4.48
30	18	13.250	11.263	0.85	4.08	12.875	10.944	0.85	4.30	12.438	10.572	0.85	4.60
30	20	14.250	10.403	0.73	4.20	13.938	10.175	0.73	4.40	13.563	9.901	0.73	4.70
30	22	15.188	9.265	0.61	4.30	14.875	9.074	0.61	4.55	14.500	8.845	0.61	4.85
32	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
32	18	13.250	12.323	0.93	4.08	12.875	11.974	0.93	4.30	12.438	11.567	0.93	4.60
32	20	14.250	11.543	0.81	4.20	13.938	11.290	0.81	4.40	13.563	10.986	0.81	4.70
32	22	15.188	10.480	0.69	4.30	14.875	10.264	0.69	4.55	14.500	10.005	0.69	4.85
34	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
34	18	13.250	13.250	1.00	4.08	12.875	12.875	1.00	4.30	12.438	12.438	1.00	4.60
34	20	14.250	12.683	0.89	4.20	13.938	12.405	0.89	4.40	13.563	12.071	0.89	4.70
34	22	15.188	11.695	0.77	4.30	14.875	11.454	0.77	4.55	14.500	11.165	0.77	4.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.341	0.57	4.80	10.625	6.056	0.57	5.15	10.125	5.771	0.57	5.58
20	18	12.000	5.400	0.45	4.93	11.625	5.231	0.45	5.30	10.875	4.894	0.45	5.70
20	20	13.000	4.290	0.33	5.05	12.500	4.125	0.33	5.40	11.750	3.878	0.33	5.80
22	16	11.125	7.231	0.65	4.80	10.625	6.906	0.65	5.15	10.125	6.581	0.65	5.58
22	18	12.000	6.360	0.53	4.93	11.625	6.161	0.53	5.30	10.875	5.764	0.53	5.70
22	20	13.000	5.330	0.41	5.05	12.500	5.125	0.41	5.40	11.750	4.818	0.41	5.80
24	16	11.125	8.121	0.73	4.80	10.625	7.756	0.73	5.15	10.125	7.391	0.73	5.58
24	18	12.000	7.320	0.61	4.93	11.625	7.091	0.61	5.30	10.875	6.634	0.61	5.70
24	20	13.000	6.370	0.49	5.05	12.500	6.125	0.49	5.40	11.750	5.758	0.49	5.80
24	22	14.000	5.180	0.37	5.15	13.500	4.995	0.37	5.55	12.750	4.718	0.37	5.90
26	16	11.125	9.011	0.81	4.80	10.625	8.606	0.81	5.15	10.125	8.201	0.81	5.58
26	18	12.000	8.280	0.69	4.93	11.625	8.021	0.69	5.30	10.875	7.504	0.69	5.70
26	20	13.000	7.410	0.57	5.05	12.500	7.125	0.57	5.40	11.750	6.698	0.57	5.80
26	22	14.000	6.300	0.45	5.15	13.500	6.075	0.45	5.55	12.750	5.738	0.45	5.90
27	16	11.125	9.456	0.85	4.80	10.625	9.031	0.85	5.15	10.125	8.606	0.85	5.58
27	18	12.000	8.760	0.73	4.93	11.625	8.486	0.73	5.30	10.875	7.939	0.73	5.70
27	20	13.000	7.930	0.61	5.05	12.500	7.625	0.61	5.40	11.750	7.168	0.61	5.80
27	22	14.000	6.860	0.49	5.15	13.500	6.615	0.49	5.55	12.750	6.248	0.49	5.90
28	16	11.125	9.901	0.89	4.80	10.625	9.456	0.89	5.15	10.125	9.011	0.89	5.58
28	18	12.000	9.240	0.77	4.93	11.625	8.951	0.77	5.30	10.875	8.374	0.77	5.70
28	20	13.000	8.450	0.65	5.05	12.500	8.125	0.65	5.40	11.750	7.638	0.65	5.80
28	22	14.000	7.420	0.53	5.15	13.500	7.155	0.53	5.55	12.750	6.758	0.53	5.90
30	16	11.125	10.791	0.97	4.80	10.625	10.306	0.97	5.15	10.125	9.821	0.97	5.58
30	18	12.000	10.200	0.85	4.93	11.625	9.881	0.85	5.30	10.875	9.244	0.85	5.70
30	20	13.000	9.490	0.73	5.05	12.500	9.125	0.73	5.40	11.750	8.578	0.73	5.80
30	22	14.000	8.540	0.61	5.15	13.500	8.235	0.61	5.55	12.750	7.778	0.61	5.90
32	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
32	18	12.000	11.160	0.93	4.93	11.625	10.811	0.93	5.30	10.875	10.114	0.93	5.70
32	20	13.000	10.530	0.81	5.05	12.500	10.125	0.81	5.40	11.750	9.518	0.81	5.80
32	22	14.000	9.660	0.69	5.15	13.500	9.315	0.69	5.55	12.750	8.798	0.69	5.90
34	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
34	18	12.000	12.000	1.00	4.93	11.625	11.625	1.00	5.30	10.875	10.875	1.00	5.70
34	20	13.000	11.570	0.89	5.05	12.500	11.125	0.89	5.40	11.750	10.458	0.89	5.80
34	22	14.000	10.780	0.77	5.15	13.500	10.395	0.77	5.55	12.750	9.818	0.77	5.90

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	6.831	0.69	2.35	9.600	6.624	0.69	2.48	9.300	6.417	0.69	2.63
20	18	10.600	6.042	0.57	2.40	10.300	5.871	0.57	2.53	9.950	5.672	0.57	2.71
20	20	11.400	5.130	0.45	2.47	11.150	5.018	0.45	2.59	10.850	4.883	0.45	2.76
22	16	9.900	7.623	0.77	2.35	9.600	7.392	0.77	2.48	9.300	7.161	0.77	2.63
22	18	10.600	6.890	0.65	2.40	10.300	6.695	0.65	2.53	9.950	6.468	0.65	2.71
22	20	11.400	6.042	0.53	2.47	11.150	5.910	0.53	2.59	10.850	5.751	0.53	2.76
24	16	9.900	8.415	0.85	2.35	9.600	8.160	0.85	2.48	9.300	7.905	0.85	2.63
24	18	10.600	7.738	0.73	2.40	10.300	7.519	0.73	2.53	9.950	7.264	0.73	2.71
24	20	11.400	6.954	0.61	2.47	11.150	6.802	0.61	2.59	10.850	6.619	0.61	2.76
24	22	12.150	5.954	0.49	2.53	11.900	5.831	0.49	2.68	11.600	5.684	0.49	2.85
26	16	9.900	9.207	0.93	2.35	9.600	8.928	0.93	2.48	9.300	8.649	0.93	2.63
26	18	10.600	8.586	0.81	2.40	10.300	8.343	0.81	2.53	9.950	8.060	0.81	2.71
26	20	11.400	7.866	0.69	2.47	11.150	7.694	0.69	2.59	10.850	7.487	0.69	2.76
26	22	12.150	6.926	0.57	2.53	11.900	6.783	0.57	2.68	11.600	6.612	0.57	2.85
27	16	9.900	9.603	0.97	2.35	9.600	9.312	0.97	2.48	9.300	9.021	0.97	2.63
27	18	10.600	9.010	0.85	2.40	10.300	8.755	0.85	2.53	9.950	8.458	0.85	2.71
27	20	11.400	8.322	0.73	2.47	11.150	8.140	0.73	2.59	10.850	7.921	0.73	2.76
27	22	12.150	7.412	0.61	2.53	11.900	7.259	0.61	2.68	11.600	7.076	0.61	2.85
28	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
28	18	10.600	9.434	0.89	2.40	10.300	9.167	0.89	2.53	9.950	8.856	0.89	2.71
28	20	11.400	8.778	0.77	2.47	11.150	8.586	0.77	2.59	10.850	8.355	0.77	2.76
28	22	12.150	7.898	0.65	2.53	11.900	7.735	0.65	2.68	11.600	7.540	0.65	2.85
30	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
30	18	10.600	10.282	0.97	2.40	10.300	9.991	0.97	2.53	9.950	9.652	0.97	2.71
30	20	11.400	9.690	0.85	2.47	11.150	9.478	0.85	2.59	10.850	9.223	0.85	2.76
30	22	12.150	8.870	0.73	2.53	11.900	8.687	0.73	2.68	11.600	8.468	0.73	2.85
32	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
32	18	10.600	10.600	1.00	2.40	10.300	10.300	1.00	2.53	9.950	9.950	1.00	2.71
32	20	11.400	10.602	0.93	2.47	11.150	10.370	0.93	2.59	10.850	10.091	0.93	2.76
32	22	12.150	9.842	0.81	2.53	11.900	9.639	0.81	2.68	11.600	9.396	0.81	2.85
34	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
34	18	10.600	10.600	1.00	2.40	10.300	10.300	1.00	2.53	9.950	9.950	1.00	2.71
34	20	11.400	11.400	1.00	2.47	11.150	11.150	1.00	2.59	10.850	10.850	1.00	2.76
34	22	12.150	10.814	0.89	2.53	11.900	10.591	0.89	2.68	11.600	10.324	0.89	2.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	6.141	0.69	2.82	8.500	5.865	0.69	3.03	8.100	5.589	0.69	3.28
20	18	9.600	5.472	0.57	2.90	9.300	5.301	0.57	3.12	8.700	4.959	0.57	3.35
20	20	10.400	4.680	0.45	2.97	10.000	4.500	0.45	3.18	9.400	4.230	0.45	3.41
22	16	8.900	6.853	0.77	2.82	8.500	6.545	0.77	3.03	8.100	6.237	0.77	3.28
22	18	9.600	6.240	0.65	2.90	9.300	6.045	0.65	3.12	8.700	5.655	0.65	3.35
22	20	10.400	5.512	0.53	2.97	10.000	5.300	0.53	3.18	9.400	4.982	0.53	3.41
24	16	8.900	7.565	0.85	2.82	8.500	7.225	0.85	3.03	8.100	6.885	0.85	3.28
24	18	9.600	7.008	0.73	2.90	9.300	6.789	0.73	3.12	8.700	6.351	0.73	3.35
24	20	10.400	6.344	0.61	2.97	10.000	6.100	0.61	3.18	9.400	5.734	0.61	3.41
24	22	11.200	5.488	0.49	3.03	10.800	5.292	0.49	3.26	10.200	4.998	0.49	3.47
26	16	8.900	8.277	0.93	2.82	8.500	7.905	0.93	3.03	8.100	7.533	0.93	3.28
26	18	9.600	7.776	0.81	2.90	9.300	7.533	0.81	3.12	8.700	7.047	0.81	3.35
26	20	10.400	7.176	0.69	2.97	10.000	6.900	0.69	3.18	9.400	6.486	0.69	3.41
26	22	11.200	6.384	0.57	3.03	10.800	6.156	0.57	3.26	10.200	5.814	0.57	3.47
27	16	8.900	8.633	0.97	2.82	8.500	8.245	0.97	3.03	8.100	7.857	0.97	3.28
27	18	9.600	8.160	0.85	2.90	9.300	7.905	0.85	3.12	8.700	7.395	0.85	3.35
27	20	10.400	7.592	0.73	2.97	10.000	7.300	0.73	3.18	9.400	6.862	0.73	3.41
27	22	11.200	6.832	0.61	3.03	10.800	6.588	0.61	3.26	10.200	6.222	0.61	3.47
28	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
28	18	9.600	8.544	0.89	2.90	9.300	8.277	0.89	3.12	8.700	7.743	0.89	3.35
28	20	10.400	8.008	0.77	2.97	10.000	7.700	0.77	3.18	9.400	7.238	0.77	3.41
28	22	11.200	7.280	0.65	3.03	10.800	7.020	0.65	3.26	10.200	6.630	0.65	3.47
30	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
30	18	9.600	9.312	0.97	2.90	9.300	9.021	0.97	3.12	8.700	8.439	0.97	3.35
30	20	10.400	8.840	0.85	2.97	10.000	8.500	0.85	3.18	9.400	7.990	0.85	3.41
30	22	11.200	8.176	0.73	3.03	10.800	7.884	0.73	3.26	10.200	7.446	0.73	3.47
32	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
32	18	9.600	9.600	1.00	2.90	9.300	9.300	1.00	3.12	8.700	8.700	1.00	3.35
32	20	10.400	9.672	0.93	2.97	10.000	9.300	0.93	3.18	9.400	8.742	0.93	3.41
32	22	11.200	9.072	0.81	3.03	10.800	8.748	0.81	3.26	10.200	8.262	0.81	3.47
34	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
34	18	9.600	9.600	1.00	2.90	9.300	9.300	1.00	3.12	8.700	8.700	1.00	3.35
34	20	10.400	10.400	1.00	2.97	10.000	10.000	1.00	3.18	9.400	9.400	1.00	3.41
34	22	11.200	9.968	0.89	3.03	10.800	9.612	0.89	3.26	10.200	9.078	0.89	3.47

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M125EA2 / PUHZ-SHW140YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	8.415	0.68	4.00	12.000	8.160	0.68	4.23	11.625	7.905	0.68	4.48
20	18	13.250	7.420	0.56	4.08	12.875	7.210	0.56	4.30	12.438	6.965	0.56	4.60
20	20	14.250	6.270	0.44	4.20	13.938	6.133	0.44	4.40	13.563	5.968	0.44	4.70
22	16	12.375	9.405	0.76	4.00	12.000	9.120	0.76	4.23	11.625	8.835	0.76	4.48
22	18	13.250	8.480	0.64	4.08	12.875	8.240	0.64	4.30	12.438	7.960	0.64	4.60
22	20	14.250	7.410	0.52	4.20	13.938	7.248	0.52	4.40	13.563	7.053	0.52	4.70
24	16	12.375	10.395	0.84	4.00	12.000	10.080	0.84	4.23	11.625	9.765	0.84	4.48
24	18	13.250	9.540	0.72	4.08	12.875	9.270	0.72	4.30	12.438	8.955	0.72	4.60
24	20	14.250	8.550	0.60	4.20	13.938	8.363	0.60	4.40	13.563	8.138	0.60	4.70
24	22	15.188	7.290	0.48	4.30	14.875	7.140	0.48	4.55	14.500	6.960	0.48	4.85
26	16	12.375	11.385	0.92	4.00	12.000	11.040	0.92	4.23	11.625	10.695	0.92	4.48
26	18	13.250	10.600	0.80	4.08	12.875	10.300	0.80	4.30	12.438	9.950	0.80	4.60
26	20	14.250	9.690	0.68	4.20	13.938	9.478	0.68	4.40	13.563	9.223	0.68	4.70
26	22	15.188	8.505	0.56	4.30	14.875	8.330	0.56	4.55	14.500	8.120	0.56	4.85
27	16	12.375	11.880	0.96	4.00	12.000	11.520	0.96	4.23	11.625	11.160	0.96	4.48
27	18	13.250	11.130	0.84	4.08	12.875	10.815	0.84	4.30	12.438	10.448	0.84	4.60
27	20	14.250	10.260	0.72	4.20	13.938	10.035	0.72	4.40	13.563	9.765	0.72	4.70
27	22	15.188	9.113	0.60	4.30	14.875	8.925	0.60	4.55	14.500	8.700	0.60	4.85
28	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
28	18	13.250	11.660	0.88	4.08	12.875	11.330	0.88	4.30	12.438	10.945	0.88	4.60
28	20	14.250	10.830	0.76	4.20	13.938	10.593	0.76	4.40	13.563	10.308	0.76	4.70
28	22	15.188	9.720	0.64	4.30	14.875	9.520	0.64	4.55	14.500	9.280	0.64	4.85
30	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
30	18	13.250	12.720	0.96	4.08	12.875	12.360	0.96	4.30	12.438	11.940	0.96	4.60
30	20	14.250	11.970	0.84	4.20	13.938	11.708	0.84	4.40	13.563	11.393	0.84	4.70
30	22	15.188	10.935	0.72	4.30	14.875	10.710	0.72	4.55	14.500	10.440	0.72	4.85
32	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
32	18	13.250	13.250	1.00	4.08	12.875	12.875	1.00	4.30	12.438	12.438	1.00	4.60
32	20	14.250	13.110	0.92	4.20	13.938	12.823	0.92	4.40	13.563	12.478	0.92	4.70
32	22	15.188	12.150	0.80	4.30	14.875	11.900	0.80	4.55	14.500	11.600	0.80	4.85
34	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
34	18	13.250	13.250	1.00	4.08	12.875	12.875	1.00	4.30	12.438	12.438	1.00	4.60
34	20	14.250	14.250	1.00	4.20	13.938	13.938	1.00	4.40	13.563	13.563	1.00	4.70
34	22	15.188	13.365	0.88	4.30	14.875	13.090	0.88	4.55	14.500	12.760	0.88	4.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	7.565	0.68	4.80	10.625	7.225	0.68	5.15	10.125	6.885	0.68	5.58
20	18	12.000	6.720	0.56	4.93	11.625	6.510	0.56	5.30	10.875	6.090	0.56	5.70
20	20	13.000	5.720	0.44	5.05	12.500	5.500	0.44	5.40	11.750	5.170	0.44	5.80
22	16	11.125	8.455	0.76	4.80	10.625	8.075	0.76	5.15	10.125	7.695	0.76	5.58
22	18	12.000	7.680	0.64	4.93	11.625	7.440	0.64	5.30	10.875	6.960	0.64	5.70
22	20	13.000	6.760	0.52	5.05	12.500	6.500	0.52	5.40	11.750	6.110	0.52	5.80
24	16	11.125	9.345	0.84	4.80	10.625	8.925	0.84	5.15	10.125	8.505	0.84	5.58
24	18	12.000	8.640	0.72	4.93	11.625	8.370	0.72	5.30	10.875	7.830	0.72	5.70
24	20	13.000	7.800	0.60	5.05	12.500	7.500	0.60	5.40	11.750	7.050	0.60	5.80
24	22	14.000	6.720	0.48	5.15	13.500	6.480	0.48	5.55	12.750	6.120	0.48	5.90
26	16	11.125	10.235	0.92	4.80	10.625	9.775	0.92	5.15	10.125	9.315	0.92	5.58
26	18	12.000	9.600	0.80	4.93	11.625	9.300	0.80	5.30	10.875	8.700	0.80	5.70
26	20	13.000	8.840	0.68	5.05	12.500	8.500	0.68	5.40	11.750	7.990	0.68	5.80
26	22	14.000	7.840	0.56	5.15	13.500	7.560	0.56	5.55	12.750	7.140	0.56	5.90
27	16	11.125	10.680	0.96	4.80	10.625	10.200	0.96	5.15	10.125	9.720	0.96	5.58
27	18	12.000	10.080	0.84	4.93	11.625	9.765	0.84	5.30	10.875	9.135	0.84	5.70
27	20	13.000	9.360	0.72	5.05	12.500	9.000	0.72	5.40	11.750	8.460	0.72	5.80
27	22	14.000	8.400	0.60	5.15	13.500	8.100	0.60	5.55	12.750	7.650	0.60	5.90
28	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
28	18	12.000	10.560	0.88	4.93	11.625	10.230	0.88	5.30	10.875	9.570	0.88	5.70
28	20	13.000	9.880	0.76	5.05	12.500	9.500	0.76	5.40	11.750	8.930	0.76	5.80
28	22	14.000	8.960	0.64	5.15	13.500	8.640	0.64	5.55	12.750	8.160	0.64	5.90
30	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
30	18	12.000	11.520	0.96	4.93	11.625	11.160	0.96	5.30	10.875	10.440	0.96	5.70
30	20	13.000	10.920	0.84	5.05	12.500	10.500	0.84	5.40	11.750	9.870	0.84	5.80
30	22	14.000	10.080	0.72	5.15	13.500	9.720	0.72	5.55	12.750	9.180	0.72	5.90
32	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
32	18	12.000	12.000	1.00	4.93	11.625	11.625	1.00	5.30	10.875	10.875	1.00	5.70
32	20	13.000	11.960	0.92	5.05	12.500	11.500	0.92	5.40	11.750	10.810	0.92	5.80
32	22	14.000	11.200	0.80	5.15	13.500	10.800	0.80	5.55	12.750	10.200	0.80	5.90
34	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
34	18	12.000	12.000	1.00	4.93	11.625	11.625	1.00	5.30	10.875	10.875	1.00	5.70
34	20	13.000	13.000	1.00	5.05	12.500	12.500	1.00	5.40	11.750	11.750	1.00	5.80
34	22	14.000	12.320	0.88	5.15	13.500	11.880	0.88	5.55	12.750	11.220	0.88	5.90

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

2. Power Inverter SERIES

**COOLING CAPACITY
PLA-ZM35EA2 / PUHZ-ZRP35VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.922	0.82	0.626	3.456	2.834	0.82	0.661	3.348	2.745	0.82	0.700
20	18	3.816	2.671	0.70	0.637	3.708	2.596	0.70	0.673	3.582	2.507	0.70	0.719
20	20	4.104	2.380	0.58	0.657	4.014	2.328	0.58	0.688	3.906	2.265	0.58	0.735
22	16	3.564	3.208	0.90	0.626	3.456	3.110	0.90	0.661	3.348	3.013	0.90	0.700
22	18	3.816	2.976	0.78	0.637	3.708	2.892	0.78	0.673	3.582	2.794	0.78	0.719
22	20	4.104	2.709	0.66	0.657	4.014	2.649	0.66	0.688	3.906	2.578	0.66	0.735
24	16	3.564	3.493	0.98	0.626	3.456	3.387	0.98	0.661	3.348	3.281	0.98	0.700
24	18	3.816	3.282	0.86	0.637	3.708	3.189	0.86	0.673	3.582	3.081	0.86	0.719
24	20	4.104	3.037	0.74	0.657	4.014	2.970	0.74	0.688	3.906	2.890	0.74	0.735
24	22	4.374	2.712	0.62	0.673	4.284	2.656	0.62	0.712	4.176	2.589	0.62	0.759
26	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
26	18	3.816	3.587	0.94	0.637	3.708	3.486	0.94	0.673	3.582	3.367	0.94	0.719
26	20	4.104	3.365	0.82	0.657	4.014	3.291	0.82	0.688	3.906	3.203	0.82	0.735
26	22	4.374	3.062	0.70	0.673	4.284	2.999	0.70	0.712	4.176	2.923	0.70	0.759
27	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
27	18	3.816	3.740	0.98	0.637	3.708	3.634	0.98	0.673	3.582	3.510	0.98	0.719
27	20	4.104	3.529	0.86	0.657	4.014	3.452	0.86	0.688	3.906	3.359	0.86	0.735
27	22	4.374	3.237	0.74	0.673	4.284	3.170	0.74	0.712	4.176	3.090	0.74	0.759
28	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
28	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
28	20	4.104	3.694	0.90	0.657	4.014	3.613	0.90	0.688	3.906	3.515	0.90	0.735
28	22	4.374	3.412	0.78	0.673	4.284	3.342	0.78	0.712	4.176	3.257	0.78	0.759
30	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
30	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
30	20	4.104	4.022	0.98	0.657	4.014	3.934	0.98	0.688	3.906	3.828	0.98	0.735
30	22	4.374	3.762	0.86	0.673	4.284	3.684	0.86	0.712	4.176	3.591	0.86	0.759
32	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
32	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
32	20	4.104	4.104	1.00	0.657	4.014	4.014	1.00	0.688	3.906	3.906	1.00	0.735
32	22	4.374	4.112	0.94	0.673	4.284	4.027	0.94	0.712	4.176	3.925	0.94	0.759
34	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
34	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
34	20	4.104	4.104	1.00	0.657	4.014	4.014	1.00	0.688	3.906	3.906	1.00	0.735
34	22	4.374	4.374	1.00	0.673	4.284	4.284	1.00	0.712	4.176	4.176	1.00	0.759

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.627	0.82	0.751	3.060	2.509	0.82	0.805	2.916	2.391	0.82	0.872
20	18	3.456	2.419	0.70	0.770	3.348	2.344	0.70	0.829	3.132	2.192	0.70	0.891
20	20	3.744	2.172	0.58	0.790	3.600	2.088	0.58	0.845	3.384	1.963	0.58	0.907
22	16	3.204	2.884	0.90	0.751	3.060	2.754	0.90	0.805	2.916	2.624	0.90	0.872
22	18	3.456	2.696	0.78	0.770	3.348	2.611	0.78	0.829	3.132	2.443	0.78	0.891
22	20	3.744	2.471	0.66	0.790	3.600	2.376	0.66	0.845	3.384	2.233	0.66	0.907
24	16	3.204	3.140	0.98	0.751	3.060	2.999	0.98	0.805	2.916	2.858	0.98	0.872
24	18	3.456	2.972	0.86	0.770	3.348	2.879	0.86	0.829	3.132	2.694	0.86	0.891
24	20	3.744	2.771	0.74	0.790	3.600	2.664	0.74	0.845	3.384	2.504	0.74	0.907
24	22	4.032	2.500	0.62	0.805	3.888	2.411	0.62	0.868	3.672	2.277	0.62	0.923
26	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
26	18	3.456	3.249	0.94	0.770	3.348	3.147	0.94	0.829	3.132	2.944	0.94	0.891
26	20	3.744	3.070	0.82	0.790	3.600	2.952	0.82	0.845	3.384	2.775	0.82	0.907
26	22	4.032	2.822	0.70	0.805	3.888	2.722	0.70	0.868	3.672	2.570	0.70	0.923
27	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
27	18	3.456	3.387	0.98	0.770	3.348	3.281	0.98	0.829	3.132	3.069	0.98	0.891
27	20	3.744	3.220	0.86	0.790	3.600	3.096	0.86	0.845	3.384	2.910	0.86	0.907
27	22	4.032	2.984	0.74	0.805	3.888	2.877	0.74	0.868	3.672	2.717	0.74	0.923
28	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
28	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
28	20	3.744	3.370	0.90	0.790	3.600	3.240	0.90	0.845	3.384	3.046	0.90	0.907
28	22	4.032	3.145	0.78	0.805	3.888	3.033	0.78	0.868	3.672	2.864	0.78	0.923
30	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
30	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
30	20	3.744	3.669	0.98	0.790	3.600	3.528	0.98	0.845	3.384	3.316	0.98	0.907
30	22	4.032	3.468	0.86	0.805	3.888	3.344	0.86	0.868	3.672	3.158	0.86	0.923
32	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
32	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
32	20	3.744	3.744	1.00	0.790	3.600	3.600	1.00	0.845	3.384	3.384	1.00	0.907
32	22	4.032	3.790	0.94	0.805	3.888	3.655	0.94	0.868	3.672	3.452	0.94	0.923
34	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
34	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
34	20	3.744	3.744	1.00	0.790	3.600	3.600	1.00	0.845	3.384	3.384	1.00	0.907
34	22	4.032	4.032	1.00	0.805	3.888	3.888	1.00	0.868	3.672	3.672	1.00	0.923

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM50EA2 / PUHZ-ZRP50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.614	0.73	1.064	4.800	3.504	0.73	1.124	4.650	3.395	0.73	1.190
20	18	5.300	3.233	0.61	1.084	5.150	3.142	0.61	1.144	4.975	3.035	0.61	1.224
20	20	5.700	2.793	0.49	1.117	5.575	2.732	0.49	1.170	5.425	2.658	0.49	1.250
22	16	4.950	4.010	0.81	1.064	4.800	3.888	0.81	1.124	4.650	3.767	0.81	1.190
22	18	5.300	3.657	0.69	1.084	5.150	3.554	0.69	1.144	4.975	3.433	0.69	1.224
22	20	5.700	3.249	0.57	1.117	5.575	3.178	0.57	1.170	5.425	3.092	0.57	1.250
24	16	4.950	4.406	0.89	1.064	4.800	4.272	0.89	1.124	4.650	4.139	0.89	1.190
24	18	5.300	4.081	0.77	1.084	5.150	3.966	0.77	1.144	4.975	3.831	0.77	1.224
24	20	5.700	3.705	0.65	1.117	5.575	3.624	0.65	1.170	5.425	3.526	0.65	1.250
24	22	6.075	3.220	0.53	1.144	5.950	3.154	0.53	1.210	5.800	3.074	0.53	1.290
26	16	4.950	4.802	0.97	1.064	4.800	4.656	0.97	1.124	4.650	4.511	0.97	1.190
26	18	5.300	4.505	0.85	1.084	5.150	4.378	0.85	1.144	4.975	4.229	0.85	1.224
26	20	5.700	4.161	0.73	1.117	5.575	4.070	0.73	1.170	5.425	3.960	0.73	1.250
26	22	6.075	3.706	0.61	1.144	5.950	3.630	0.61	1.210	5.800	3.538	0.61	1.290
27	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
27	18	5.300	4.717	0.89	1.084	5.150	4.584	0.89	1.144	4.975	4.428	0.89	1.224
27	20	5.700	4.389	0.77	1.117	5.575	4.293	0.77	1.170	5.425	4.177	0.77	1.250
27	22	6.075	3.949	0.65	1.144	5.950	3.868	0.65	1.210	5.800	3.770	0.65	1.290
28	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
28	18	5.300	4.929	0.93	1.084	5.150	4.790	0.93	1.144	4.975	4.627	0.93	1.224
28	20	5.700	4.617	0.81	1.117	5.575	4.516	0.81	1.170	5.425	4.394	0.81	1.250
28	22	6.075	4.192	0.69	1.144	5.950	4.106	0.69	1.210	5.800	4.002	0.69	1.290
30	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
30	18	5.300	5.300	1.00	1.084	5.150	5.150	1.00	1.144	4.975	4.975	1.00	1.224
30	20	5.700	5.073	0.89	1.117	5.575	4.962	0.89	1.170	5.425	4.828	0.89	1.250
30	22	6.075	4.678	0.77	1.144	5.950	4.582	0.77	1.210	5.800	4.466	0.77	1.290
32	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
32	18	5.300	5.300	1.00	1.084	5.150	5.150	1.00	1.144	4.975	4.975	1.00	1.224
32	20	5.700	5.529	0.97	1.117	5.575	5.408	0.97	1.170	5.425	5.262	0.97	1.250
32	22	6.075	5.164	0.85	1.144	5.950	5.058	0.85	1.210	5.800	4.930	0.85	1.290
34	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
34	18	5.300	5.300	1.00	1.084	5.150	5.150	1.00	1.144	4.975	4.975	1.00	1.224
34	20	5.700	5.700	1.00	1.117	5.575	5.575	1.00	1.170	5.425	5.425	1.00	1.250
34	22	6.075	5.650	0.93	1.144	5.950	5.534	0.93	1.210	5.800	5.394	0.93	1.290

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.249	0.73	1.277	4.250	3.103	0.73	1.370	4.050	2.957	0.73	1.483
20	18	4.800	2.928	0.61	1.310	4.650	2.837	0.61	1.410	4.350	2.654	0.61	1.516
20	20	5.200	2.548	0.49	1.343	5.000	2.450	0.49	1.436	4.700	2.303	0.49	1.543
22	16	4.450	3.605	0.81	1.277	4.250	3.443	0.81	1.370	4.050	3.281	0.81	1.483
22	18	4.800	3.312	0.69	1.310	4.650	3.209	0.69	1.410	4.350	3.002	0.69	1.516
22	20	5.200	2.964	0.57	1.343	5.000	2.850	0.57	1.436	4.700	2.679	0.57	1.543
24	16	4.450	3.961	0.89	1.277	4.250	3.783	0.89	1.370	4.050	3.605	0.89	1.483
24	18	4.800	3.696	0.77	1.310	4.650	3.581	0.77	1.410	4.350	3.350	0.77	1.516
24	20	5.200	3.380	0.65	1.343	5.000	3.250	0.65	1.436	4.700	3.055	0.65	1.543
24	22	5.600	2.968	0.53	1.370	5.400	2.862	0.53	1.476	5.100	2.703	0.53	1.569
26	16	4.450	4.317	0.97	1.277	4.250	4.123	0.97	1.370	4.050	3.929	0.97	1.483
26	18	4.800	4.080	0.85	1.310	4.650	3.953	0.85	1.410	4.350	3.698	0.85	1.516
26	20	5.200	3.796	0.73	1.343	5.000	3.650	0.73	1.436	4.700	3.431	0.73	1.543
26	22	5.600	3.416	0.61	1.370	5.400	3.294	0.61	1.476	5.100	3.111	0.61	1.569
27	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
27	18	4.800	4.272	0.89	1.310	4.650	4.139	0.89	1.410	4.350	3.872	0.89	1.516
27	20	5.200	4.004	0.77	1.343	5.000	3.850	0.77	1.436	4.700	3.619	0.77	1.543
27	22	5.600	3.640	0.65	1.370	5.400	3.510	0.65	1.476	5.100	3.315	0.65	1.569
28	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
28	18	4.800	4.464	0.93	1.310	4.650	4.325	0.93	1.410	4.350	4.046	0.93	1.516
28	20	5.200	4.212	0.81	1.343	5.000	4.050	0.81	1.436	4.700	3.807	0.81	1.543
28	22	5.600	3.864	0.69	1.370	5.400	3.726	0.69	1.476	5.100	3.519	0.69	1.569
30	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
30	18	4.800	4.800	1.00	1.310	4.650	4.650	1.00	1.410	4.350	4.350	1.00	1.516
30	20	5.200	4.628	0.89	1.343	5.000	4.450	0.89	1.436	4.700	4.183	0.89	1.543
30	22	5.600	4.312	0.77	1.370	5.400	4.158	0.77	1.476	5.100	3.927	0.77	1.569
32	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
32	18	4.800	4.800	1.00	1.310	4.650	4.650	1.00	1.410	4.350	4.350	1.00	1.516
32	20	5.200	5.044	0.97	1.343	5.000	4.850	0.97	1.436	4.700	4.559	0.97	1.543
32	22	5.600	4.760	0.85	1.370	5.400	4.590	0.85	1.476	5.100	4.335	0.85	1.569
34	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
34	18	4.800	4.800	1.00	1.310	4.650	4.650	1.00	1.410	4.350	4.350	1.00	1.516
34	20	5.200	5.200	1.00	1.343	5.000	5.000	1.00	1.436	4.700	4.700	1.00	1.543
34	22	5.600	5.208	0.93	1.370	5.400	5.022	0.93	1.476	5.100	4.743	0.93	1.569

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-ZM60EA2 / PUHZ-ZRP60VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	3.744	0.62	1.328	5.856	3.631	0.62	1.403	5.673	3.517	0.62	1.486
20	18	6.466	3.233	0.50	1.353	6.283	3.142	0.50	1.428	6.070	3.035	0.50	1.527
20	20	6.954	2.643	0.38	1.394	6.802	2.585	0.38	1.461	6.619	2.515	0.38	1.560
22	16	6.039	4.227	0.70	1.328	5.856	4.099	0.70	1.403	5.673	3.971	0.70	1.486
22	18	6.466	3.750	0.58	1.353	6.283	3.644	0.58	1.428	6.070	3.521	0.58	1.527
22	20	6.954	3.199	0.46	1.394	6.802	3.129	0.46	1.461	6.619	3.045	0.46	1.560
24	16	6.039	4.710	0.78	1.328	5.856	4.568	0.78	1.403	5.673	4.425	0.78	1.486
24	18	6.466	4.268	0.66	1.353	6.283	4.147	0.66	1.428	6.070	4.006	0.66	1.527
24	20	6.954	3.755	0.54	1.394	6.802	3.673	0.54	1.461	6.619	3.574	0.54	1.560
24	22	7.412	3.113	0.42	1.428	7.259	3.049	0.42	1.511	7.076	2.972	0.42	1.610
26	16	6.039	5.194	0.86	1.328	5.856	5.036	0.86	1.403	5.673	4.879	0.86	1.486
26	18	6.466	4.785	0.74	1.353	6.283	4.649	0.74	1.428	6.070	4.492	0.74	1.527
26	20	6.954	4.311	0.62	1.394	6.802	4.217	0.62	1.461	6.619	4.104	0.62	1.560
26	22	7.412	3.706	0.50	1.428	7.259	3.630	0.50	1.511	7.076	3.538	0.50	1.610
27	16	6.039	5.435	0.90	1.328	5.856	5.270	0.90	1.403	5.673	5.106	0.90	1.486
27	18	6.466	5.043	0.78	1.353	6.283	4.901	0.78	1.428	6.070	4.735	0.78	1.527
27	20	6.954	4.590	0.66	1.394	6.802	4.489	0.66	1.461	6.619	4.369	0.66	1.560
27	22	7.412	4.002	0.54	1.428	7.259	3.920	0.54	1.511	7.076	3.821	0.54	1.610
28	16	6.039	5.677	0.94	1.328	5.856	5.505	0.94	1.403	5.673	5.333	0.94	1.486
28	18	6.466	5.302	0.82	1.353	6.283	5.152	0.82	1.428	6.070	4.977	0.82	1.527
28	20	6.954	4.868	0.70	1.394	6.802	4.761	0.70	1.461	6.619	4.633	0.70	1.560
28	22	7.412	4.299	0.58	1.428	7.259	4.210	0.58	1.511	7.076	4.104	0.58	1.610
30	16	6.039	6.039	1.00	1.328	5.856	5.856	1.00	1.403	5.673	5.673	1.00	1.486
30	18	6.466	5.819	0.90	1.353	6.283	5.655	0.90	1.428	6.070	5.463	0.90	1.527
30	20	6.954	5.424	0.78	1.394	6.802	5.306	0.78	1.461	6.619	5.163	0.78	1.560
30	22	7.412	4.892	0.66	1.428	7.259	4.791	0.66	1.511	7.076	4.670	0.66	1.610
32	16	6.039	6.039	1.00	1.328	5.856	5.856	1.00	1.403	5.673	5.673	1.00	1.486
32	18	6.466	6.337	0.98	1.353	6.283	6.157	0.98	1.428	6.070	5.949	0.98	1.527
32	20	6.954	5.980	0.86	1.394	6.802	5.850	0.86	1.461	6.619	5.692	0.86	1.560
32	22	7.412	5.485	0.74	1.428	7.259	5.372	0.74	1.511	7.076	5.236	0.74	1.610
34	16	6.039	6.039	1.00	1.328	5.856	5.856	1.00	1.403	5.673	5.673	1.00	1.486
34	18	6.466	6.466	1.00	1.353	6.283	6.283	1.00	1.428	6.070	6.070	1.00	1.527
34	20	6.954	6.537	0.94	1.394	6.802	6.394	0.94	1.461	6.619	6.222	0.94	1.560
34	22	7.412	6.078	0.82	1.428	7.259	5.952	0.82	1.511	7.076	5.802	0.82	1.610

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.366	0.62	1.594	5.185	3.215	0.62	1.710	4.941	3.063	0.62	1.851
20	18	5.856	2.928	0.50	1.635	5.673	2.837	0.50	1.760	5.307	2.654	0.50	1.892
20	20	6.344	2.411	0.38	1.677	6.100	2.318	0.38	1.793	5.734	2.179	0.38	1.926
22	16	5.429	3.800	0.70	1.594	5.185	3.630	0.70	1.710	4.941	3.459	0.70	1.851
22	18	5.856	3.396	0.58	1.635	5.673	3.290	0.58	1.760	5.307	3.078	0.58	1.892
22	20	6.344	2.918	0.46	1.677	6.100	2.806	0.46	1.793	5.734	2.638	0.46	1.926
24	16	5.429	4.235	0.78	1.594	5.185	4.044	0.78	1.710	4.941	3.854	0.78	1.851
24	18	5.856	3.865	0.66	1.635	5.673	3.744	0.66	1.760	5.307	3.503	0.66	1.892
24	20	6.344	3.426	0.54	1.677	6.100	3.294	0.54	1.793	5.734	3.096	0.54	1.926
24	22	6.832	2.869	0.42	1.710	6.588	2.767	0.42	1.843	6.222	2.613	0.42	1.959
26	16	5.429	4.669	0.86	1.594	5.185	4.459	0.86	1.710	4.941	4.249	0.86	1.851
26	18	5.856	4.333	0.74	1.635	5.673	4.198	0.74	1.760	5.307	3.927	0.74	1.892
26	20	6.344	3.933	0.62	1.677	6.100	3.782	0.62	1.793	5.734	3.555	0.62	1.926
26	22	6.832	3.416	0.50	1.710	6.588	3.294	0.50	1.843	6.222	3.111	0.50	1.959
27	16	5.429	4.886	0.90	1.594	5.185	4.667	0.90	1.710	4.941	4.447	0.90	1.851
27	18	5.856	4.568	0.78	1.635	5.673	4.425	0.78	1.760	5.307	4.139	0.78	1.892
27	20	6.344	4.187	0.66	1.677	6.100	4.026	0.66	1.793	5.734	3.784	0.66	1.926
27	22	6.832	3.689	0.54	1.710	6.588	3.588	0.54	1.843	6.222	3.360	0.54	1.959
28	16	5.429	5.103	0.94	1.594	5.185	4.874	0.94	1.710	4.941	4.645	0.94	1.851
28	18	5.856	4.802	0.82	1.635	5.673	4.652	0.82	1.760	5.307	4.352	0.82	1.892
28	20	6.344	4.441	0.70	1.677	6.100	4.270	0.70	1.793	5.734	4.014	0.70	1.926
28	22	6.832	3.963	0.58	1.710	6.588	3.821	0.58	1.843	6.222	3.609	0.58	1.959
30	16	5.429	5.429	1.00	1.594	5.185	5.185	1.00	1.710	4.941	4.941	1.00	1.851
30	18	5.856	5.270	0.90	1.635	5.673	5.106	0.90	1.760	5.307	4.776	0.90	1.892
30	20	6.344	4.948	0.78	1.677	6.100	4.758	0.78	1.793	5.734	4.473	0.78	1.926
30	22	6.832	4.509	0.66	1.710	6.588	4.348	0.66	1.843	6.222	4.107	0.66	1.959
32	16	5.429	5.429	1.00	1.594	5.185	5.185	1.00	1.710	4.941	4.941	1.00	1.851
32	18	5.856	5.739	0.98	1.635	5.673	5.560	0.98	1.760	5.307	5.201	0.98	1.892
32	20	6.344	5.456	0.86	1.677	6.100	5.246	0.86	1.793	5.734	4.931	0.86	1.926
32	22	6.832	5.056	0.74	1.710	6.588	4.875	0.74	1.843	6.222	4.604	0.74	1.959
34	16	5.429	5.429	1.00	1.594	5.185	5.185	1.00	1.710	4.941	4.941	1.00	1.851
34	18	5.856	5.856	1.00	1.635	5.673	5.673	1.00	1.760	5.307	5.307	1.00	1.892
34	20	6.344	5.963	0.94	1.677	6.100	5.734	0.94	1.793	5.734	5.390	0.94	1.926
34	22	6.832	5.602	0.82	1.710	6.588	5.402	0.82	1.843	6.222	5.102	0.82	1.959

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM71EA2 / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.991	0.71	1.432	6.816	4.839	0.71	1.513	6.603	4.688	0.71	1.602
20	18	7.526	4.440	0.59	1.459	7.313	4.315	0.59	1.539	7.065	4.168	0.59	1.647
20	20	8.094	3.804	0.47	1.504	7.917	3.721	0.47	1.575	7.704	3.621	0.47	1.683
22	16	7.029	5.553	0.79	1.432	6.816	5.385	0.79	1.513	6.603	5.216	0.79	1.602
22	18	7.526	5.042	0.67	1.459	7.313	4.900	0.67	1.539	7.065	4.734	0.67	1.647
22	20	8.094	4.452	0.55	1.504	7.917	4.354	0.55	1.575	7.704	4.237	0.55	1.683
24	16	7.029	6.115	0.87	1.432	6.816	5.930	0.87	1.513	6.603	5.745	0.87	1.602
24	18	7.526	5.645	0.75	1.459	7.313	5.485	0.75	1.539	7.065	5.299	0.75	1.647
24	20	8.094	5.099	0.63	1.504	7.917	4.988	0.63	1.575	7.704	4.854	0.63	1.683
24	22	8.627	4.400	0.51	1.539	8.449	4.309	0.51	1.629	8.236	4.200	0.51	1.736
26	16	7.029	6.678	0.95	1.432	6.816	6.475	0.95	1.513	6.603	6.273	0.95	1.602
26	18	7.526	6.247	0.83	1.459	7.313	6.070	0.83	1.539	7.065	5.864	0.83	1.647
26	20	8.094	5.747	0.71	1.504	7.917	5.621	0.71	1.575	7.704	5.470	0.71	1.683
26	22	8.627	5.090	0.59	1.539	8.449	4.985	0.59	1.629	8.236	4.859	0.59	1.736
27	16	7.029	6.959	0.99	1.432	6.816	6.748	0.99	1.513	6.603	6.537	0.99	1.602
27	18	7.526	6.548	0.87	1.459	7.313	6.362	0.87	1.539	7.065	6.147	0.87	1.647
27	20	8.094	6.071	0.75	1.504	7.917	5.938	0.75	1.575	7.704	5.778	0.75	1.683
27	22	8.627	5.435	0.63	1.539	8.449	5.323	0.63	1.629	8.236	5.189	0.63	1.736
28	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
28	18	7.526	6.849	0.91	1.459	7.313	6.655	0.91	1.539	7.065	6.429	0.91	1.647
28	20	8.094	6.394	0.79	1.504	7.917	6.254	0.79	1.575	7.704	6.086	0.79	1.683
28	22	8.627	5.780	0.67	1.539	8.449	5.661	0.67	1.629	8.236	5.518	0.67	1.736
30	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
30	18	7.526	7.451	0.99	1.459	7.313	7.240	0.99	1.539	7.065	6.994	0.99	1.647
30	20	8.094	7.042	0.87	1.504	7.917	6.888	0.87	1.575	7.704	6.702	0.87	1.683
30	22	8.627	6.470	0.75	1.539	8.449	6.337	0.75	1.629	8.236	6.177	0.75	1.736
32	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
32	18	7.526	7.526	1.00	1.459	7.313	7.313	1.00	1.539	7.065	7.065	1.00	1.647
32	20	8.094	7.689	0.95	1.504	7.917	7.521	0.95	1.575	7.704	7.319	0.95	1.683
32	22	8.627	7.160	0.83	1.539	8.449	7.013	0.83	1.629	8.236	6.836	0.83	1.736
34	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
34	18	7.526	7.526	1.00	1.459	7.313	7.313	1.00	1.539	7.065	7.065	1.00	1.647
34	20	8.094	8.094	1.00	1.504	7.917	7.917	1.00	1.575	7.704	7.704	1.00	1.683
34	22	8.627	7.851	0.91	1.539	8.449	7.689	0.91	1.629	8.236	7.495	0.91	1.736

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.486	0.71	1.718	6.035	4.285	0.71	1.844	5.751	4.083	0.71	1.996
20	18	6.816	4.021	0.59	1.763	6.603	3.896	0.59	1.897	6.177	3.644	0.59	2.041
20	20	7.384	3.470	0.47	1.808	7.100	3.337	0.47	1.933	6.674	3.137	0.47	2.076
22	16	6.319	4.992	0.79	1.718	6.035	4.768	0.79	1.844	5.751	4.543	0.79	1.996
22	18	6.816	4.567	0.67	1.763	6.603	4.424	0.67	1.897	6.177	4.139	0.67	2.041
22	20	7.384	4.061	0.55	1.808	7.100	3.905	0.55	1.933	6.674	3.671	0.55	2.076
24	16	6.319	5.498	0.87	1.718	6.035	5.250	0.87	1.844	5.751	5.003	0.87	1.996
24	18	6.816	5.112	0.75	1.763	6.603	4.952	0.75	1.897	6.177	4.633	0.75	2.041
24	20	7.384	4.652	0.63	1.808	7.100	4.473	0.63	1.933	6.674	4.205	0.63	2.076
24	22	7.952	4.056	0.51	1.844	7.668	3.911	0.51	1.987	7.242	3.693	0.51	2.112
26	16	6.319	6.003	0.95	1.718	6.035	5.733	0.95	1.844	5.751	5.463	0.95	1.996
26	18	6.816	5.657	0.83	1.763	6.603	5.480	0.83	1.897	6.177	5.127	0.83	2.041
26	20	7.384	5.243	0.71	1.808	7.100	5.041	0.71	1.933	6.674	4.739	0.71	2.076
26	22	7.952	4.692	0.59	1.844	7.668	4.524	0.59	1.987	7.242	4.273	0.59	2.112
27	16	6.319	6.256	0.99	1.718	6.035	5.975	0.99	1.844	5.751	5.693	0.99	1.996
27	18	6.816	5.930	0.87	1.763	6.603	5.745	0.87	1.897	6.177	5.374	0.87	2.041
27	20	7.384	5.538	0.75	1.808	7.100	5.325	0.75	1.933	6.674	5.006	0.75	2.076
27	22	7.952	5.010	0.63	1.844	7.668	4.831	0.63	1.987	7.242	4.562	0.63	2.112
28	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
28	18	6.816	6.203	0.91	1.763	6.603	6.009	0.91	1.897	6.177	5.621	0.91	2.041
28	20	7.384	5.833	0.79	1.808	7.100	5.609	0.79	1.933	6.674	5.272	0.79	2.076
28	22	7.952	5.328	0.67	1.844	7.668	5.138	0.67	1.987	7.242	4.852	0.67	2.112
30	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
30	18	6.816	6.748	0.99	1.763	6.603	6.537	0.99	1.897	6.177	6.115	0.99	2.041
30	20	7.384	6.424	0.87	1.808	7.100	6.177	0.87	1.933	6.674	5.806	0.87	2.076
30	22	7.952	5.964	0.75	1.844	7.668	5.751	0.75	1.987	7.242	5.432	0.75	2.112
32	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
32	18	6.816	6.816	1.00	1.763	6.603	6.603	1.00	1.897	6.177	6.177	1.00	2.041
32	20	7.384	7.015	0.95	1.808	7.100	6.745	0.95	1.933	6.674	6.340	0.95	2.076
32	22	7.952	6.600	0.83	1.844	7.668	6.364	0.83	1.987	7.242	6.011	0.83	2.112
34	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
34	18	6.816	6.816	1.00	1.763	6.603	6.603	1.00	1.897	6.177	6.177	1.00	2.041
34	20	7.384	7.384	1.00	1.808	7.100	7.100	1.00	1.933	6.674	6.674	1.00	2.076
34	22	7.952	7.236	0.91	1.844	7.668	6.978	0.91	1.987	7.242	6.590	0.91	2.112

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM100EA2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.113	0.65	1.760	9.120	5.928	0.65	1.859	8.835	5.743	0.65	1.969
20	18	10.070	5.337	0.53	1.793	9.785	5.186	0.53	1.892	9.453	5.010	0.53	2.024
20	20	10.830	4.440	0.41	1.848	10.593	4.343	0.41	1.936	10.308	4.226	0.41	2.068
22	16	9.405	6.866	0.73	1.760	9.120	6.658	0.73	1.859	8.835	6.450	0.73	1.969
22	18	10.070	6.143	0.61	1.793	9.785	5.969	0.61	1.892	9.453	5.766	0.61	2.024
22	20	10.830	5.307	0.49	1.848	10.593	5.191	0.49	1.936	10.308	5.051	0.49	2.068
24	16	9.405	7.618	0.81	1.760	9.120	7.387	0.81	1.859	8.835	7.156	0.81	1.969
24	18	10.070	6.948	0.69	1.793	9.785	6.752	0.69	1.892	9.453	6.523	0.69	2.024
24	20	10.830	6.173	0.57	1.848	10.593	6.038	0.57	1.936	10.308	5.876	0.57	2.068
24	22	11.543	5.194	0.45	1.892	11.305	5.087	0.45	2.002	11.020	4.959	0.45	2.134
26	16	9.405	8.370	0.89	1.760	9.120	8.117	0.89	1.859	8.835	7.863	0.89	1.969
26	18	10.070	7.754	0.77	1.793	9.785	7.534	0.77	1.892	9.453	7.279	0.77	2.024
26	20	10.830	7.040	0.65	1.848	10.593	6.885	0.65	1.936	10.308	6.700	0.65	2.068
26	22	11.543	6.118	0.53	1.892	11.305	5.992	0.53	2.002	11.020	5.841	0.53	2.134
27	16	9.405	8.747	0.93	1.760	9.120	8.482	0.93	1.859	8.835	8.217	0.93	1.969
27	18	10.070	8.157	0.81	1.793	9.785	7.926	0.81	1.892	9.453	7.657	0.81	2.024
27	20	10.830	7.473	0.69	1.848	10.593	7.309	0.69	1.936	10.308	7.113	0.69	2.068
27	22	11.543	6.580	0.57	1.892	11.305	6.444	0.57	2.002	11.020	6.281	0.57	2.134
28	16	9.405	9.123	0.97	1.760	9.120	8.846	0.97	1.859	8.835	8.570	0.97	1.969
28	18	10.070	8.560	0.85	1.793	9.785	8.317	0.85	1.892	9.453	8.035	0.85	2.024
28	20	10.830	7.906	0.73	1.848	10.593	7.733	0.73	1.936	10.308	7.525	0.73	2.068
28	22	11.543	7.041	0.61	1.892	11.305	6.896	0.61	2.002	11.020	6.722	0.61	2.134
30	16	9.405	9.405	1.00	1.760	9.120	9.120	1.00	1.859	8.835	8.835	1.00	1.969
30	18	10.070	9.365	0.93	1.793	9.785	9.100	0.93	1.892	9.453	8.791	0.93	2.024
30	20	10.830	8.772	0.81	1.848	10.593	8.580	0.81	1.936	10.308	8.349	0.81	2.068
30	22	11.543	7.965	0.69	1.892	11.305	7.800	0.69	2.002	11.020	7.604	0.69	2.134
32	16	9.405	9.405	1.00	1.760	9.120	9.120	1.00	1.859	8.835	8.835	1.00	1.969
32	18	10.070	10.070	1.00	1.793	9.785	9.785	1.00	1.892	9.453	9.453	1.00	2.024
32	20	10.830	9.639	0.89	1.848	10.593	9.428	0.89	1.936	10.308	9.174	0.89	2.068
32	22	11.543	8.888	0.77	1.892	11.305	8.705	0.77	2.002	11.020	8.485	0.77	2.134
34	16	9.405	9.405	1.00	1.760	9.120	9.120	1.00	1.859	8.835	8.835	1.00	1.969
34	18	10.070	10.070	1.00	1.793	9.785	9.785	1.00	1.892	9.453	9.453	1.00	2.024
34	20	10.830	10.505	0.97	1.848	10.593	10.275	0.97	1.936	10.308	9.999	0.97	2.068
34	22	11.543	9.812	0.85	1.892	11.305	9.609	0.85	2.002	11.020	9.367	0.85	2.134

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.496	0.65	2.112	8.075	5.249	0.65	2.266	7.695	5.002	0.65	2.453
20	18	9.120	4.834	0.53	2.167	8.835	4.683	0.53	2.332	8.265	4.380	0.53	2.508
20	20	9.880	4.051	0.41	2.222	9.500	3.895	0.41	2.376	8.930	3.661	0.41	2.552
22	16	8.455	6.172	0.73	2.112	8.075	5.895	0.73	2.266	7.695	5.617	0.73	2.453
22	18	9.120	5.563	0.61	2.167	8.835	5.389	0.61	2.332	8.265	5.042	0.61	2.508
22	20	9.880	4.841	0.49	2.222	9.500	4.655	0.49	2.376	8.930	4.376	0.49	2.552
24	16	8.455	6.849	0.81	2.112	8.075	6.541	0.81	2.266	7.695	6.233	0.81	2.453
24	18	9.120	6.293	0.69	2.167	8.835	6.096	0.69	2.332	8.265	5.703	0.69	2.508
24	20	9.880	5.632	0.57	2.222	9.500	5.415	0.57	2.376	8.930	5.090	0.57	2.552
24	22	10.640	4.788	0.45	2.266	10.260	4.617	0.45	2.442	9.690	4.361	0.45	2.596
26	16	8.455	7.525	0.89	2.112	8.075	7.187	0.89	2.266	7.695	6.849	0.89	2.453
26	18	9.120	7.022	0.77	2.167	8.835	6.803	0.77	2.332	8.265	6.364	0.77	2.508
26	20	9.880	6.422	0.65	2.222	9.500	6.175	0.65	2.376	8.930	5.805	0.65	2.552
26	22	10.640	5.639	0.53	2.266	10.260	5.438	0.53	2.442	9.690	5.136	0.53	2.596
27	16	8.455	7.863	0.93	2.112	8.075	7.510	0.93	2.266	7.695	7.156	0.93	2.453
27	18	9.120	7.387	0.81	2.167	8.835	7.156	0.81	2.332	8.265	6.695	0.81	2.508
27	20	9.880	6.817	0.69	2.222	9.500	6.555	0.69	2.376	8.930	6.162	0.69	2.552
27	22	10.640	6.065	0.57	2.266	10.260	5.848	0.57	2.442	9.690	5.523	0.57	2.596
28	16	8.455	8.201	0.97	2.112	8.075	7.833	0.97	2.266	7.695	7.464	0.97	2.453
28	18	9.120	7.752	0.85	2.167	8.835	7.510	0.85	2.332	8.265	7.025	0.85	2.508
28	20	9.880	7.212	0.73	2.222	9.500	6.935	0.73	2.376	8.930	6.519	0.73	2.552
28	22	10.640	6.490	0.61	2.266	10.260	6.259	0.61	2.442	9.690	5.911	0.61	2.596
30	16	8.455	8.455	1.00	2.112	8.075	8.075	1.00	2.266	7.695	7.695	1.00	2.453
30	18	9.120	8.482	0.93	2.167	8.835	8.217	0.93	2.332	8.265	7.686	0.93	2.508
30	20	9.880	8.003	0.81	2.222	9.500	7.695	0.81	2.376	8.930	7.233	0.81	2.552
30	22	10.640	7.342	0.69	2.266	10.260	7.079	0.69	2.442	9.690	6.686	0.69	2.596
32	16	8.455	8.455	1.00	2.112	8.075	8.075	1.00	2.266	7.695	7.695	1.00	2.453
32	18	9.120	9.120	1.00	2.167	8.835	8.835	1.00	2.332	8.265	8.265	1.00	2.508
32	20	9.880	8.793	0.89	2.222	9.500	8.455	0.89	2.376	8.930	7.948	0.89	2.552
32	22	10.640	8.193	0.77	2.266	10.260	7.900	0.77	2.442	9.690	7.461	0.77	2.596
34	16	8.455	8.455	1.00	2.112	8.075	8.075	1.00	2.266	7.695	7.695	1.00	2.453
34	18	9.120	9.120	1.00	2.167	8.835	8.835	1.00	2.332	8.265	8.265	1.00	2.508
34	20	9.880	9.584	0.97	2.222	9.500	9.215	0.97	2.376	8.930	8.662	0.97	2.552
34	22	10.640	9.044	0.85	2.266	10.260	8.721	0.85	2.442	9.690	8.237	0.85	2.596

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM125EA2 / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.054	0.57	3.077	12.000	6.840	0.57	3.250	11.625	6.626	0.57	3.442
20	18	13.250	5.963	0.45	3.134	12.875	5.794	0.45	3.308	12.438	5.597	0.45	3.538
20	20	14.250	4.703	0.33	3.231	13.938	4.600	0.33	3.384	13.563	4.476	0.33	3.615
22	16	12.375	8.044	0.65	3.077	12.000	7.800	0.65	3.250	11.625	7.556	0.65	3.442
22	18	13.250	7.023	0.53	3.134	12.875	6.824	0.53	3.308	12.438	6.592	0.53	3.538
22	20	14.250	5.843	0.41	3.231	13.938	5.715	0.41	3.384	13.563	5.561	0.41	3.615
24	16	12.375	9.034	0.73	3.077	12.000	8.760	0.73	3.250	11.625	8.486	0.73	3.442
24	18	13.250	8.083	0.61	3.134	12.875	7.854	0.61	3.308	12.438	7.587	0.61	3.538
24	20	14.250	6.983	0.49	3.231	13.938	6.830	0.49	3.384	13.563	6.646	0.49	3.615
24	22	15.188	5.620	0.37	3.308	14.875	5.504	0.37	3.500	14.500	5.365	0.37	3.731
26	16	12.375	10.024	0.81	3.077	12.000	9.720	0.81	3.250	11.625	9.416	0.81	3.442
26	18	13.250	9.143	0.69	3.134	12.875	8.884	0.69	3.308	12.438	8.582	0.69	3.538
26	20	14.250	8.123	0.57	3.231	13.938	7.945	0.57	3.384	13.563	7.731	0.57	3.615
26	22	15.188	6.835	0.45	3.308	14.875	6.694	0.45	3.500	14.500	6.525	0.45	3.731
27	16	12.375	10.519	0.85	3.077	12.000	10.200	0.85	3.250	11.625	9.881	0.85	3.442
27	18	13.250	9.673	0.73	3.134	12.875	9.399	0.73	3.308	12.438	9.080	0.73	3.538
27	20	14.250	8.693	0.61	3.231	13.938	8.502	0.61	3.384	13.563	8.273	0.61	3.615
27	22	15.188	7.442	0.49	3.308	14.875	7.289	0.49	3.500	14.500	7.105	0.49	3.731
28	16	12.375	11.014	0.89	3.077	12.000	10.680	0.89	3.250	11.625	10.346	0.89	3.442
28	18	13.250	10.203	0.77	3.134	12.875	9.914	0.77	3.308	12.438	9.577	0.77	3.538
28	20	14.250	9.263	0.65	3.231	13.938	9.060	0.65	3.384	13.563	8.816	0.65	3.615
28	22	15.188	8.050	0.53	3.308	14.875	7.894	0.53	3.500	14.500	7.685	0.53	3.731
30	16	12.375	12.004	0.97	3.077	12.000	11.640	0.97	3.250	11.625	11.276	0.97	3.442
30	18	13.250	11.263	0.85	3.134	12.875	10.944	0.85	3.308	12.438	10.572	0.85	3.538
30	20	14.250	10.403	0.73	3.231	13.938	10.175	0.73	3.384	13.563	9.901	0.73	3.615
30	22	15.188	9.265	0.61	3.308	14.875	9.074	0.61	3.500	14.500	8.845	0.61	3.731
32	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
32	18	13.250	12.323	0.93	3.134	12.875	11.974	0.93	3.308	12.438	11.567	0.93	3.538
32	20	14.250	11.543	0.81	3.231	13.938	11.290	0.81	3.384	13.563	10.986	0.81	3.615
32	22	15.188	10.480	0.69	3.308	14.875	10.264	0.69	3.500	14.500	10.005	0.69	3.731
34	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
34	18	13.250	13.250	1.00	3.134	12.875	12.875	1.00	3.308	12.438	12.438	1.00	3.538
34	20	14.250	12.683	0.89	3.231	13.938	12.405	0.89	3.384	13.563	12.071	0.89	3.615
34	22	15.188	11.695	0.77	3.308	14.875	11.454	0.77	3.500	14.500	11.165	0.77	3.731

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.341	0.57	3.692	10.625	6.056	0.57	3.961	10.125	5.771	0.57	4.288
20	18	12.000	5.400	0.45	3.788	11.625	5.231	0.45	4.077	10.875	4.894	0.45	4.384
20	20	13.000	4.290	0.33	3.884	12.500	4.125	0.33	4.154	11.750	3.878	0.33	4.461
22	16	11.125	7.231	0.65	3.692	10.625	6.906	0.65	3.961	10.125	6.581	0.65	4.288
22	18	12.000	6.360	0.53	3.788	11.625	6.161	0.53	4.077	10.875	5.764	0.53	4.384
22	20	13.000	5.330	0.41	3.884	12.500	5.125	0.41	4.154	11.750	4.818	0.41	4.461
24	16	11.125	8.121	0.73	3.692	10.625	7.756	0.73	3.961	10.125	7.391	0.73	4.288
24	18	12.000	7.320	0.61	3.788	11.625	7.091	0.61	4.077	10.875	6.634	0.61	4.384
24	20	13.000	6.370	0.49	3.884	12.500	6.125	0.49	4.154	11.750	5.758	0.49	4.461
24	22	14.000	5.180	0.37	3.961	13.500	4.995	0.37	4.269	12.750	4.718	0.37	4.538
26	16	11.125	9.011	0.81	3.692	10.625	8.606	0.81	3.961	10.125	8.201	0.81	4.288
26	18	12.000	8.280	0.69	3.788	11.625	8.021	0.69	4.077	10.875	7.504	0.69	4.384
26	20	13.000	7.410	0.57	3.884	12.500	7.125	0.57	4.154	11.750	6.698	0.57	4.461
26	22	14.000	6.300	0.45	3.961	13.500	6.075	0.45	4.269	12.750	5.738	0.45	4.538
27	16	11.125	9.456	0.85	3.692	10.625	9.031	0.85	3.961	10.125	8.606	0.85	4.288
27	18	12.000	8.760	0.73	3.788	11.625	8.486	0.73	4.077	10.875	7.939	0.73	4.384
27	20	13.000	7.930	0.61	3.884	12.500	7.625	0.61	4.154	11.750	7.168	0.61	4.461
27	22	14.000	6.860	0.49	3.961	13.500	6.615	0.49	4.269	12.750	6.248	0.49	4.538
28	16	11.125	9.901	0.89	3.692	10.625	9.456	0.89	3.961	10.125	9.011	0.89	4.288
28	18	12.000	9.240	0.77	3.788	11.625	8.951	0.77	4.077	10.875	8.374	0.77	4.384
28	20	13.000	8.450	0.65	3.884	12.500	8.125	0.65	4.154	11.750	7.638	0.65	4.461
28	22	14.000	7.420	0.53	3.961	13.500	7.155	0.53	4.269	12.750	6.758	0.53	4.538
30	16	11.125	10.791	0.97	3.692	10.625	10.306	0.97	3.961	10.125	9.821	0.97	4.288
30	18	12.000	10.200	0.85	3.788	11.625	9.881	0.85	4.077	10.875	9.244	0.85	4.384
30	20	13.000	9.490	0.73	3.884	12.500	9.125	0.73	4.154	11.750	8.578	0.73	4.461
30	22	14.000	8.540	0.61	3.961	13.500	8.235	0.61	4.269	12.750	7.778	0.61	4.538
32	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
32	18	12.000	11.160	0.93	3.788	11.625	10.811	0.93	4.077	10.875	10.114	0.93	4.384
32	20	13.000	10.530	0.81	3.884	12.500	10.125	0.81	4.154	11.750	9.518	0.81	4.461
32	22	14.000	9.660	0.69	3.961	13.500	9.315	0.69	4.269	12.750	8.798	0.69	4.538
34	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
34	18	12.000	12.000	1.00	3.788	11.625	11.625	1.00	4.077	10.875	10.875	1.00	4.384
34	20	13.000	11.570	0.89	3.884	12.500	11.125	0.89	4.154	11.750	10.458	0.89	4.461
34	22	14.000	10.780	0.77	3.961	13.500	10.395	0.77	4.269	12.750	9.818	0.77	4.538

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM140EA2 / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	7.562	0.57	3.491	12.864	7.332	0.57	3.688	12.462	7.103	0.57	3.906
20	18	14.204	6.392	0.45	3.557	13.802	6.211	0.45	3.753	13.333	6.000	0.45	4.015
20	20	15.276	5.041	0.33	3.666	14.941	4.931	0.33	3.840	14.539	4.798	0.33	4.102
22	16	13.266	8.623	0.65	3.491	12.864	8.362	0.65	3.688	12.462	8.100	0.65	3.906
22	18	14.204	7.528	0.53	3.557	13.802	7.315	0.53	3.753	13.333	7.066	0.53	4.015
22	20	15.276	6.263	0.41	3.666	14.941	6.126	0.41	3.840	14.539	5.961	0.41	4.102
24	16	13.266	9.684	0.73	3.491	12.864	9.391	0.73	3.688	12.462	9.097	0.73	3.906
24	18	14.204	8.664	0.61	3.557	13.802	8.419	0.61	3.753	13.333	8.133	0.61	4.015
24	20	15.276	7.485	0.49	3.666	14.941	7.321	0.49	3.840	14.539	7.124	0.49	4.102
24	22	16.281	6.024	0.37	3.753	15.946	5.900	0.37	3.971	15.544	5.751	0.37	4.233
26	16	13.266	10.745	0.81	3.491	12.864	10.420	0.81	3.688	12.462	10.094	0.81	3.906
26	18	14.204	9.801	0.69	3.557	13.802	9.523	0.69	3.753	13.333	9.200	0.69	4.015
26	20	15.276	8.707	0.57	3.666	14.941	8.516	0.57	3.840	14.539	8.287	0.57	4.102
26	22	16.281	7.326	0.45	3.753	15.946	7.176	0.45	3.971	15.544	6.995	0.45	4.233
27	16	13.266	11.276	0.85	3.491	12.864	10.934	0.85	3.688	12.462	10.593	0.85	3.906
27	18	14.204	10.369	0.73	3.557	13.802	10.075	0.73	3.753	13.333	9.733	0.73	4.015
27	20	15.276	9.318	0.61	3.666	14.941	9.114	0.61	3.840	14.539	8.869	0.61	4.102
27	22	16.281	7.978	0.49	3.753	15.946	7.814	0.49	3.971	15.544	7.617	0.49	4.233
28	16	13.266	11.807	0.89	3.491	12.864	11.449	0.89	3.688	12.462	11.091	0.89	3.906
28	18	14.204	10.937	0.77	3.557	13.802	10.628	0.77	3.753	13.333	10.266	0.77	4.015
28	20	15.276	9.929	0.65	3.666	14.941	9.712	0.65	3.840	14.539	9.450	0.65	4.102
28	22	16.281	8.629	0.53	3.753	15.946	8.451	0.53	3.971	15.544	8.238	0.53	4.233
30	16	13.266	12.868	0.97	3.491	12.864	12.478	0.97	3.688	12.462	12.088	0.97	3.906
30	18	14.204	12.073	0.85	3.557	13.802	11.732	0.85	3.753	13.333	11.333	0.85	4.015
30	20	15.276	11.151	0.73	3.666	14.941	10.907	0.73	3.840	14.539	10.613	0.73	4.102
30	22	16.281	9.931	0.61	3.753	15.946	9.727	0.61	3.971	15.544	9.482	0.61	4.233
32	16	13.266	13.266	1.00	3.491	12.864	12.864	1.00	3.688	12.462	12.462	1.00	3.906
32	18	14.204	13.210	0.93	3.557	13.802	12.836	0.93	3.753	13.333	12.400	0.93	4.015
32	20	15.276	12.374	0.81	3.666	14.941	12.102	0.81	3.840	14.539	11.777	0.81	4.102
32	22	16.281	11.234	0.69	3.753	15.946	11.003	0.69	3.971	15.544	10.725	0.69	4.233
34	16	13.266	13.266	1.00	3.491	12.864	12.864	1.00	3.688	12.462	12.462	1.00	3.906
34	18	14.204	14.204	1.00	3.557	13.802	13.802	1.00	3.753	13.333	13.333	1.00	4.015
34	20	15.276	13.596	0.89	3.666	14.941	13.297	0.89	3.840	14.539	12.940	0.89	4.102
34	22	16.281	12.536	0.77	3.753	15.946	12.278	0.77	3.971	15.544	11.969	0.77	4.233

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	6.798	0.57	4.189	11.390	6.492	0.57	4.495	10.854	6.187	0.57	4.866
20	18	12.864	5.789	0.45	4.299	12.462	5.608	0.45	4.626	11.658	5.246	0.45	4.975
20	20	13.936	4.599	0.33	4.408	13.400	4.422	0.33	4.713	12.596	4.157	0.33	5.062
22	16	11.926	7.752	0.65	4.189	11.390	7.404	0.65	4.495	10.854	7.055	0.65	4.866
22	18	12.864	6.818	0.53	4.299	12.462	6.605	0.53	4.626	11.658	6.179	0.53	4.975
22	20	13.936	5.714	0.41	4.408	13.400	5.494	0.41	4.713	12.596	5.164	0.41	5.062
24	16	11.926	8.706	0.73	4.189	11.390	8.315	0.73	4.495	10.854	7.923	0.73	4.866
24	18	12.864	7.847	0.61	4.299	12.462	7.602	0.61	4.626	11.658	7.111	0.61	4.975
24	20	13.936	6.829	0.49	4.408	13.400	6.566	0.49	4.713	12.596	6.172	0.49	5.062
24	22	15.008	5.553	0.37	4.495	14.472	5.355	0.37	4.844	13.668	5.057	0.37	5.150
26	16	11.926	9.660	0.81	4.189	11.390	9.226	0.81	4.495	10.854	8.792	0.81	4.866
26	18	12.864	8.876	0.69	4.299	12.462	8.599	0.69	4.626	11.658	8.044	0.69	4.975
26	20	13.936	7.944	0.57	4.408	13.400	7.638	0.57	4.713	12.596	7.180	0.57	5.062
26	22	15.008	6.754	0.45	4.495	14.472	6.512	0.45	4.844	13.668	6.151	0.45	5.150
27	16	11.926	10.137	0.85	4.189	11.390	9.682	0.85	4.495	10.854	9.226	0.85	4.866
27	18	12.864	9.391	0.73	4.299	12.462	9.097	0.73	4.626	11.658	8.510	0.73	4.975
27	20	13.936	8.501	0.61	4.408	13.400	8.174	0.61	4.713	12.596	7.684	0.61	5.062
27	22	15.008	7.354	0.49	4.495	14.472	7.091	0.49	4.844	13.668	6.697	0.49	5.150
28	16	11.926	10.614	0.89	4.189	11.390	10.137	0.89	4.495	10.854	9.660	0.89	4.866
28	18	12.864	9.905	0.77	4.299	12.462	9.596	0.77	4.626	11.658	8.977	0.77	4.975
28	20	13.936	9.058	0.65	4.408	13.400	8.710	0.65	4.713	12.596	8.187	0.65	5.062
28	22	15.008	7.954	0.53	4.495	14.472	7.670	0.53	4.844	13.668	7.244	0.53	5.150
30	16	11.926	11.568	0.97	4.189	11.390	11.048	0.97	4.495	10.854	10.528	0.97	4.866
30	18	12.864	10.934	0.85	4.299	12.462	10.593	0.85	4.626	11.658	9.909	0.85	4.975
30	20	13.936	10.173	0.73	4.408	13.400	9.782	0.73	4.713	12.596	9.195	0.73	5.062
30	22	15.008	9.155	0.61	4.495	14.472	8.828	0.61	4.844	13.668	8.337	0.61	5.150
32	16	11.926	11.926	1.00	4.189	11.390	11.390	1.00	4.495	10.854	10.854	1.00	4.866
32	18	12.864	11.964	0.93	4.299	12.462	11.590	0.93	4.626	11.658	10.842	0.93	4.975
32	20	13.936	11.288	0.81	4.408	13.400	10.854	0.81	4.713	12.596	10.203	0.81	5.062
32	22	15.008	10.356	0.69	4.495	14.472	9.986	0.69	4.844	13.668	9.431	0.69	5.150
34	16	11.926	11.926	1.00	4.189	11.390	11.390	1.00	4.495	10.854	10.854	1.00	4.866
34	18	12.864	12.864	1.00	4.299	12.462	12.462	1.00	4.626	11.658	11.658	1.00	4.975
34	20	13.936	12.403	0.89	4.408	13.400	11.926	0.89	4.713	12.596	11.210	0.89	5.062
34	22	15.008	11.556	0.77	4.495	14.472	11.143	0.77	4.844	13.668	10.524	0.77	5.150

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M35EA2 / PUHZ-ZRP35VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.637	0.74	0.666	3.456	2.557	0.74	0.704	3.348	2.478	0.74	0.746
20	18	3.816	2.366	0.62	0.679	3.708	2.299	0.62	0.716	3.582	2.221	0.62	0.766
20	20	4.104	2.052	0.50	0.700	4.014	2.007	0.50	0.733	3.906	1.953	0.50	0.783
22	16	3.564	2.922	0.82	0.666	3.456	2.834	0.82	0.704	3.348	2.745	0.82	0.746
22	18	3.816	2.671	0.70	0.679	3.708	2.596	0.70	0.716	3.582	2.507	0.70	0.766
22	20	4.104	2.380	0.58	0.700	4.014	2.328	0.58	0.733	3.906	2.265	0.58	0.783
24	16	3.564	3.208	0.90	0.666	3.456	3.110	0.90	0.704	3.348	3.013	0.90	0.746
24	18	3.816	2.976	0.78	0.679	3.708	2.892	0.78	0.716	3.582	2.794	0.78	0.766
24	20	4.104	2.709	0.66	0.700	4.014	2.649	0.66	0.733	3.906	2.578	0.66	0.783
24	22	4.374	2.362	0.54	0.716	4.284	2.313	0.54	0.758	4.176	2.255	0.54	0.808
26	16	3.564	3.493	0.98	0.666	3.456	3.387	0.98	0.704	3.348	3.281	0.98	0.746
26	18	3.816	3.282	0.86	0.679	3.708	3.189	0.86	0.716	3.582	3.081	0.86	0.766
26	20	4.104	3.037	0.74	0.700	4.014	2.970	0.74	0.733	3.906	2.890	0.74	0.783
26	22	4.374	2.712	0.62	0.716	4.284	2.656	0.62	0.758	4.176	2.589	0.62	0.808
27	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
27	18	3.816	3.434	0.90	0.679	3.708	3.337	0.90	0.716	3.582	3.224	0.90	0.766
27	20	4.104	3.201	0.78	0.700	4.014	3.131	0.78	0.733	3.906	3.047	0.78	0.783
27	22	4.374	2.887	0.66	0.716	4.284	2.827	0.66	0.758	4.176	2.756	0.66	0.808
28	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
28	18	3.816	3.587	0.94	0.679	3.708	3.486	0.94	0.716	3.582	3.367	0.94	0.766
28	20	4.104	3.365	0.82	0.700	4.014	3.291	0.82	0.733	3.906	3.203	0.82	0.783
28	22	4.374	3.062	0.70	0.716	4.284	2.999	0.70	0.758	4.176	2.923	0.70	0.808
30	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
30	18	3.816	3.816	1.00	0.679	3.708	3.708	1.00	0.716	3.582	3.582	1.00	0.766
30	20	4.104	3.694	0.90	0.700	4.014	3.613	0.90	0.733	3.906	3.515	0.90	0.783
30	22	4.374	3.412	0.78	0.716	4.284	3.342	0.78	0.758	4.176	3.257	0.78	0.808
32	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
32	18	3.816	3.816	1.00	0.679	3.708	3.708	1.00	0.716	3.582	3.582	1.00	0.766
32	20	4.104	4.022	0.98	0.700	4.014	3.934	0.98	0.733	3.906	3.828	0.98	0.783
32	22	4.374	3.762	0.86	0.716	4.284	3.684	0.86	0.758	4.176	3.591	0.86	0.808
34	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
34	18	3.816	3.816	1.00	0.679	3.708	3.708	1.00	0.716	3.582	3.582	1.00	0.766
34	20	4.104	4.104	1.00	0.700	4.014	4.014	1.00	0.733	3.906	3.906	1.00	0.783
34	22	4.374	4.112	0.94	0.716	4.284	4.027	0.94	0.758	4.176	3.925	0.94	0.808

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.371	0.74	0.800	3.060	2.264	0.74	0.858	2.916	2.158	0.74	0.929
20	18	3.456	2.143	0.62	0.821	3.348	2.076	0.62	0.883	3.132	1.942	0.62	0.950
20	20	3.744	1.872	0.50	0.841	3.600	1.800	0.50	0.900	3.384	1.692	0.50	0.966
22	16	3.204	2.627	0.82	0.800	3.060	2.509	0.82	0.858	2.916	2.391	0.82	0.929
22	18	3.456	2.419	0.70	0.821	3.348	2.344	0.70	0.883	3.132	2.192	0.70	0.950
22	20	3.744	2.172	0.58	0.841	3.600	2.088	0.58	0.900	3.384	1.963	0.58	0.966
24	16	3.204	2.884	0.90	0.800	3.060	2.754	0.90	0.858	2.916	2.624	0.90	0.929
24	18	3.456	2.696	0.78	0.821	3.348	2.611	0.78	0.883	3.132	2.443	0.78	0.950
24	20	3.744	2.471	0.66	0.841	3.600	2.376	0.66	0.900	3.384	2.233	0.66	0.966
24	22	4.032	2.177	0.54	0.858	3.888	2.100	0.54	0.925	3.672	1.983	0.54	0.983
26	16	3.204	3.140	0.98	0.800	3.060	2.999	0.98	0.858	2.916	2.858	0.98	0.929
26	18	3.456	2.972	0.86	0.821	3.348	2.879	0.86	0.883	3.132	2.694	0.86	0.950
26	20	3.744	2.771	0.74	0.841	3.600	2.664	0.74	0.900	3.384	2.504	0.74	0.966
26	22	4.032	2.500	0.62	0.858	3.888	2.411	0.62	0.925	3.672	2.277	0.62	0.983
27	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
27	18	3.456	3.110	0.90	0.821	3.348	3.013	0.90	0.883	3.132	2.819	0.90	0.950
27	20	3.744	2.920	0.78	0.841	3.600	2.808	0.78	0.900	3.384	2.640	0.78	0.966
27	22	4.032	2.661	0.66	0.858	3.888	2.566	0.66	0.925	3.672	2.424	0.66	0.983
28	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
28	18	3.456	3.249	0.94	0.821	3.348	3.147	0.94	0.883	3.132	2.944	0.94	0.950
28	20	3.744	3.070	0.82	0.841	3.600	2.952	0.82	0.900	3.384	2.775	0.82	0.966
28	22	4.032	2.822	0.70	0.858	3.888	2.722	0.70	0.925	3.672	2.570	0.70	0.983
30	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
30	18	3.456	3.456	1.00	0.821	3.348	3.348	1.00	0.883	3.132	3.132	1.00	0.950
30	20	3.744	3.370	0.90	0.841	3.600	3.240	0.90	0.900	3.384	3.046	0.90	0.966
30	22	4.032	3.145	0.78	0.858	3.888	3.033	0.78	0.925	3.672	2.864	0.78	0.983
32	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
32	18	3.456	3.456	1.00	0.821	3.348	3.348	1.00	0.883	3.132	3.132	1.00	0.950
32	20	3.744	3.669	0.98	0.841	3.600	3.528	0.98	0.900	3.384	3.316	0.98	0.966
32	22	4.032	3.468	0.86	0.858	3.888	3.344	0.86	0.925	3.672	3.158	0.86	0.983
34	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
34	18	3.456	3.456	1.00	0.821	3.348	3.348	1.00	0.883	3.132	3.132	1.00	0.950
34	20	3.744	3.744	1.00	0.841	3.600	3.600	1.00	0.900	3.384	3.384	1.00	0.966
34	22	4.032	3.790	0.94	0.858	3.888	3.655	0.94	0.925	3.672	3.452	0.94	0.983

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M50EA2 / PUHZ-ZRP50VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.515	0.71	1.133	4.800	3.408	0.71	1.197	4.650	3.302	0.71	1.267
20	18	5.300	3.127	0.59	1.154	5.150	3.039	0.59	1.218	4.975	2.935	0.59	1.303
20	20	5.700	2.679	0.47	1.189	5.575	2.620	0.47	1.246	5.425	2.550	0.47	1.331
22	16	4.950	3.911	0.79	1.133	4.800	3.792	0.79	1.197	4.650	3.674	0.79	1.267
22	18	5.300	3.551	0.67	1.154	5.150	3.451	0.67	1.218	4.975	3.333	0.67	1.303
22	20	5.700	3.135	0.55	1.189	5.575	3.066	0.55	1.246	5.425	2.984	0.55	1.331
24	16	4.950	4.307	0.87	1.133	4.800	4.176	0.87	1.197	4.650	4.046	0.87	1.267
24	18	5.300	3.975	0.75	1.154	5.150	3.863	0.75	1.218	4.975	3.731	0.75	1.303
24	20	5.700	3.591	0.63	1.189	5.575	3.512	0.63	1.246	5.425	3.418	0.63	1.331
24	22	6.075	3.098	0.51	1.218	5.950	3.035	0.51	1.289	5.800	2.958	0.51	1.374
26	16	4.950	4.703	0.95	1.133	4.800	4.560	0.95	1.197	4.650	4.418	0.95	1.267
26	18	5.300	4.399	0.83	1.154	5.150	4.275	0.83	1.218	4.975	4.129	0.83	1.303
26	20	5.700	4.047	0.71	1.189	5.575	3.958	0.71	1.246	5.425	3.852	0.71	1.331
26	22	6.075	3.584	0.59	1.218	5.950	3.511	0.59	1.289	5.800	3.422	0.59	1.374
27	16	4.950	4.901	0.99	1.133	4.800	4.752	0.99	1.197	4.650	4.604	0.99	1.267
27	18	5.300	4.611	0.87	1.154	5.150	4.481	0.87	1.218	4.975	4.328	0.87	1.303
27	20	5.700	4.275	0.75	1.189	5.575	4.181	0.75	1.246	5.425	4.069	0.75	1.331
27	22	6.075	3.827	0.63	1.218	5.950	3.749	0.63	1.289	5.800	3.654	0.63	1.374
28	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
28	18	5.300	4.823	0.91	1.154	5.150	4.687	0.91	1.218	4.975	4.527	0.91	1.303
28	20	5.700	4.503	0.79	1.189	5.575	4.404	0.79	1.246	5.425	4.286	0.79	1.331
28	22	6.075	4.070	0.67	1.218	5.950	3.987	0.67	1.289	5.800	3.886	0.67	1.374
30	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
30	18	5.300	5.247	0.99	1.154	5.150	5.099	0.99	1.218	4.975	4.925	0.99	1.303
30	20	5.700	4.959	0.87	1.189	5.575	4.850	0.87	1.246	5.425	4.720	0.87	1.331
30	22	6.075	4.556	0.75	1.218	5.950	4.463	0.75	1.289	5.800	4.350	0.75	1.374
32	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
32	18	5.300	5.300	1.00	1.154	5.150	5.150	1.00	1.218	4.975	4.975	1.00	1.303
32	20	5.700	5.415	0.95	1.189	5.575	5.296	0.95	1.246	5.425	5.154	0.95	1.331
32	22	6.075	5.042	0.83	1.218	5.950	4.939	0.83	1.289	5.800	4.814	0.83	1.374
34	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
34	18	5.300	5.300	1.00	1.154	5.150	5.150	1.00	1.218	4.975	4.975	1.00	1.303
34	20	5.700	5.700	1.00	1.189	5.575	5.575	1.00	1.246	5.425	5.425	1.00	1.331
34	22	6.075	5.528	0.91	1.218	5.950	5.415	0.91	1.289	5.800	5.278	0.91	1.374

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.160	0.71	1.359	4.250	3.018	0.71	1.458	4.050	2.876	0.71	1.579
20	18	4.800	2.832	0.59	1.395	4.650	2.744	0.59	1.501	4.350	2.567	0.59	1.614
20	20	5.200	2.444	0.47	1.430	5.000	2.350	0.47	1.529	4.700	2.209	0.47	1.643
22	16	4.450	3.516	0.79	1.359	4.250	3.358	0.79	1.458	4.050	3.200	0.79	1.579
22	18	4.800	3.216	0.67	1.395	4.650	3.116	0.67	1.501	4.350	2.915	0.67	1.614
22	20	5.200	2.860	0.55	1.430	5.000	2.750	0.55	1.529	4.700	2.585	0.55	1.643
24	16	4.450	3.872	0.87	1.359	4.250	3.698	0.87	1.458	4.050	3.524	0.87	1.579
24	18	4.800	3.600	0.75	1.395	4.650	3.488	0.75	1.501	4.350	3.263	0.75	1.614
24	20	5.200	3.276	0.63	1.430	5.000	3.150	0.63	1.529	4.700	2.961	0.63	1.643
24	22	5.600	2.856	0.51	1.458	5.400	2.754	0.51	1.572	5.100	2.601	0.51	1.671
26	16	4.450	4.228	0.95	1.359	4.250	4.038	0.95	1.458	4.050	3.848	0.95	1.579
26	18	4.800	3.984	0.83	1.395	4.650	3.860	0.83	1.501	4.350	3.611	0.83	1.614
26	20	5.200	3.692	0.71	1.430	5.000	3.550	0.71	1.529	4.700	3.337	0.71	1.643
26	22	5.600	3.304	0.59	1.458	5.400	3.186	0.59	1.572	5.100	3.009	0.59	1.671
27	16	4.450	4.406	0.99	1.359	4.250	4.208	0.99	1.458	4.050	4.010	0.99	1.579
27	18	4.800	4.176	0.87	1.395	4.650	4.046	0.87	1.501	4.350	3.785	0.87	1.614
27	20	5.200	3.900	0.75	1.430	5.000	3.750	0.75	1.529	4.700	3.525	0.75	1.643
27	22	5.600	3.528	0.63	1.458	5.400	3.402	0.63	1.572	5.100	3.213	0.63	1.671
28	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
28	18	4.800	4.368	0.91	1.395	4.650	4.232	0.91	1.501	4.350	3.959	0.91	1.614
28	20	5.200	4.108	0.79	1.430	5.000	3.950	0.79	1.529	4.700	3.713	0.79	1.643
28	22	5.600	3.752	0.67	1.458	5.400	3.618	0.67	1.572	5.100	3.417	0.67	1.671
30	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
30	18	4.800	4.752	0.99	1.395	4.650	4.604	0.99	1.501	4.350	4.307	0.99	1.614
30	20	5.200	4.524	0.87	1.430	5.000	4.350	0.87	1.529	4.700	4.089	0.87	1.643
30	22	5.600	4.200	0.75	1.458	5.400	4.050	0.75	1.572	5.100	3.825	0.75	1.671
32	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
32	18	4.800	4.800	1.00	1.395	4.650	4.650	1.00	1.501	4.350	4.350	1.00	1.614
32	20	5.200	4.940	0.95	1.430	5.000	4.750	0.95	1.529	4.700	4.465	0.95	1.643
32	22	5.600	4.648	0.83	1.458	5.400	4.482	0.83	1.572	5.100	4.233	0.83	1.671
34	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
34	18	4.800	4.800	1.00	1.395	4.650	4.650	1.00	1.501	4.350	4.350	1.00	1.614
34	20	5.200	5.200	1.00	1.430	5.000	5.000	1.00	1.529	4.700	4.700	1.00	1.643
34	22	5.600	5.096	0.91	1.458	5.400	4.914	0.91	1.572	5.100	4.641	0.91	1.671

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M60EA2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.046	0.67	1.398	5.856	3.924	0.67	1.476	5.673	3.801	0.67	1.564
20	18	6.466	3.556	0.55	1.424	6.283	3.456	0.55	1.502	6.070	3.339	0.55	1.607
20	20	6.954	2.990	0.43	1.467	6.802	2.925	0.43	1.537	6.619	2.846	0.43	1.642
22	16	6.039	4.529	0.75	1.398	5.856	4.392	0.75	1.476	5.673	4.255	0.75	1.564
22	18	6.466	4.074	0.63	1.424	6.283	3.958	0.63	1.502	6.070	3.824	0.63	1.607
22	20	6.954	3.547	0.51	1.467	6.802	3.469	0.51	1.537	6.619	3.376	0.51	1.642
24	16	6.039	5.012	0.83	1.398	5.856	4.860	0.83	1.476	5.673	4.709	0.83	1.564
24	18	6.466	4.591	0.71	1.424	6.283	4.461	0.71	1.502	6.070	4.310	0.71	1.607
24	20	6.954	4.103	0.59	1.467	6.802	4.013	0.59	1.537	6.619	3.905	0.59	1.642
24	22	7.412	3.484	0.47	1.502	7.259	3.412	0.47	1.590	7.076	3.326	0.47	1.695
26	16	6.039	5.495	0.91	1.398	5.856	5.329	0.91	1.476	5.673	5.162	0.91	1.564
26	18	6.466	5.108	0.79	1.424	6.283	4.964	0.79	1.502	6.070	4.795	0.79	1.607
26	20	6.954	4.659	0.67	1.467	6.802	4.557	0.67	1.537	6.619	4.435	0.67	1.642
26	22	7.412	4.077	0.55	1.502	7.259	3.992	0.55	1.590	7.076	3.892	0.55	1.695
27	16	6.039	5.737	0.95	1.398	5.856	5.563	0.95	1.476	5.673	5.389	0.95	1.564
27	18	6.466	5.367	0.83	1.424	6.283	5.215	0.83	1.502	6.070	5.038	0.83	1.607
27	20	6.954	4.937	0.71	1.467	6.802	4.829	0.71	1.537	6.619	4.699	0.71	1.642
27	22	7.412	4.373	0.59	1.502	7.259	4.283	0.59	1.590	7.076	4.175	0.59	1.695
28	16	6.039	5.979	0.99	1.398	5.856	5.797	0.99	1.476	5.673	5.616	0.99	1.564
28	18	6.466	5.625	0.87	1.424	6.283	5.466	0.87	1.502	6.070	5.281	0.87	1.607
28	20	6.954	5.216	0.75	1.467	6.802	5.102	0.75	1.537	6.619	4.964	0.75	1.642
28	22	7.412	4.670	0.63	1.502	7.259	4.573	0.63	1.590	7.076	4.458	0.63	1.695
30	16	6.039	6.039	1.00	1.398	5.856	5.856	1.00	1.476	5.673	5.673	1.00	1.564
30	18	6.466	6.143	0.95	1.424	6.283	5.969	0.95	1.502	6.070	5.767	0.95	1.607
30	20	6.954	5.772	0.83	1.467	6.802	5.646	0.83	1.537	6.619	5.494	0.83	1.642
30	22	7.412	5.263	0.71	1.502	7.259	5.154	0.71	1.590	7.076	5.024	0.71	1.695
32	16	6.039	6.039	1.00	1.398	5.856	5.856	1.00	1.476	5.673	5.673	1.00	1.564
32	18	6.466	6.466	1.00	1.424	6.283	6.283	1.00	1.502	6.070	6.070	1.00	1.607
32	20	6.954	6.328	0.91	1.467	6.802	6.190	0.91	1.537	6.619	6.023	0.91	1.642
32	22	7.412	5.855	0.79	1.502	7.259	5.735	0.79	1.590	7.076	5.590	0.79	1.695
34	16	6.039	6.039	1.00	1.398	5.856	5.856	1.00	1.476	5.673	5.673	1.00	1.564
34	18	6.466	6.466	1.00	1.424	6.283	6.283	1.00	1.502	6.070	6.070	1.00	1.607
34	20	6.954	6.884	0.99	1.467	6.802	6.734	0.99	1.537	6.619	6.553	0.99	1.642
34	22	7.412	6.448	0.87	1.502	7.259	6.315	0.87	1.590	7.076	6.156	0.87	1.695

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.637	0.67	1.677	5.185	3.474	0.67	1.799	4.941	3.310	0.67	1.948
20	18	5.856	3.221	0.55	1.721	5.673	3.120	0.55	1.852	5.307	2.919	0.55	1.992
20	20	6.344	2.728	0.43	1.764	6.100	2.623	0.43	1.887	5.734	2.466	0.43	2.027
22	16	5.429	4.072	0.75	1.677	5.185	3.889	0.75	1.799	4.941	3.706	0.75	1.948
22	18	5.856	3.689	0.63	1.721	5.673	3.574	0.63	1.852	5.307	3.343	0.63	1.992
22	20	6.344	3.235	0.51	1.764	6.100	3.111	0.51	1.887	5.734	2.924	0.51	2.027
24	16	5.429	4.506	0.83	1.677	5.185	4.304	0.83	1.799	4.941	4.101	0.83	1.948
24	18	5.856	4.158	0.71	1.721	5.673	4.028	0.71	1.852	5.307	3.768	0.71	1.992
24	20	6.344	3.743	0.59	1.764	6.100	3.599	0.59	1.887	5.734	3.383	0.59	2.027
24	22	6.832	3.211	0.47	1.799	6.588	3.096	0.47	1.939	6.222	2.924	0.47	2.061
26	16	5.429	4.940	0.91	1.677	5.185	4.718	0.91	1.799	4.941	4.496	0.91	1.948
26	18	5.856	4.626	0.79	1.721	5.673	4.482	0.79	1.852	5.307	4.193	0.79	1.992
26	20	6.344	4.250	0.67	1.764	6.100	4.087	0.67	1.887	5.734	3.842	0.67	2.027
26	22	6.832	3.758	0.55	1.799	6.588	3.623	0.55	1.939	6.222	3.422	0.55	2.061
27	16	5.429	5.158	0.95	1.677	5.185	4.926	0.95	1.799	4.941	4.694	0.95	1.948
27	18	5.856	4.860	0.83	1.721	5.673	4.709	0.83	1.852	5.307	4.405	0.83	1.992
27	20	6.344	4.504	0.71	1.764	6.100	4.331	0.71	1.887	5.734	4.071	0.71	2.027
27	22	6.832	4.031	0.59	1.799	6.588	3.887	0.59	1.939	6.222	3.671	0.59	2.061
28	16	5.429	5.375	0.99	1.677	5.185	5.133	0.99	1.799	4.941	4.892	0.99	1.948
28	18	5.856	5.095	0.87	1.721	5.673	4.936	0.87	1.852	5.307	4.617	0.87	1.992
28	20	6.344	4.758	0.75	1.764	6.100	4.575	0.75	1.887	5.734	4.301	0.75	2.027
28	22	6.832	4.304	0.63	1.799	6.588	4.150	0.63	1.939	6.222	3.920	0.63	2.061
30	16	5.429	5.429	1.00	1.677	5.185	5.185	1.00	1.799	4.941	4.941	1.00	1.948
30	18	5.856	5.563	0.95	1.721	5.673	5.389	0.95	1.852	5.307	5.042	0.95	1.992
30	20	6.344	5.266	0.83	1.764	6.100	5.063	0.83	1.887	5.734	4.759	0.83	2.027
30	22	6.832	4.851	0.71	1.799	6.588	4.677	0.71	1.939	6.222	4.418	0.71	2.061
32	16	5.429	5.429	1.00	1.677	5.185	5.185	1.00	1.799	4.941	4.941	1.00	1.948
32	18	5.856	5.566	1.00	1.721	5.673	5.673	1.00	1.852	5.307	5.307	1.00	1.992
32	20	6.344	5.773	0.91	1.764	6.100	5.551	0.91	1.887	5.734	5.218	0.91	2.027
32	22	6.832	5.397	0.79	1.799	6.588	5.205	0.79	1.939	6.222	4.915	0.79	2.061
34	16	5.429	5.429	1.00	1.677	5.185	5.185	1.00	1.799	4.941	4.941	1.00	1.948
34	18	5.856	5.856	1.00	1.721	5.673	5.673	1.00	1.852	5.307	5.307	1.00	1.992
34	20	6.344	6.281	0.99	1.764	6.100	6.039	0.99	1.887	5.734	5.677	0.99	2.027
34	22	6.832	5.944	0.87	1.799	6.588	5.732	0.87	1.939	6.222	5.413	0.87	2.061

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M71EA2 / PUHZ-ZRP71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.428	0.63	1.494	6.816	4.294	0.63	1.578	6.603	4.160	0.63	1.672
20	18	7.526	3.838	0.51	1.522	7.313	3.730	0.51	1.606	7.065	3.603	0.51	1.719
20	20	8.094	3.157	0.39	1.569	7.917	3.088	0.39	1.644	7.704	3.005	0.39	1.756
22	16	7.029	4.991	0.71	1.494	6.816	4.839	0.71	1.578	6.603	4.688	0.71	1.672
22	18	7.526	4.440	0.59	1.522	7.313	4.315	0.59	1.606	7.065	4.168	0.59	1.719
22	20	8.094	3.804	0.47	1.569	7.917	3.721	0.47	1.644	7.704	3.621	0.47	1.756
24	16	7.029	5.553	0.79	1.494	6.816	5.385	0.79	1.578	6.603	5.216	0.79	1.672
24	18	7.526	5.042	0.67	1.522	7.313	4.900	0.67	1.606	7.065	4.734	0.67	1.719
24	20	8.094	4.452	0.55	1.569	7.917	4.354	0.55	1.644	7.704	4.237	0.55	1.756
24	22	8.627	3.710	0.43	1.606	8.449	3.633	0.43	1.700	8.236	3.541	0.43	1.812
26	16	7.029	6.115	0.87	1.494	6.816	5.930	0.87	1.578	6.603	5.745	0.87	1.672
26	18	7.526	5.645	0.75	1.522	7.313	5.485	0.75	1.606	7.065	5.299	0.75	1.719
26	20	8.094	5.099	0.63	1.569	7.917	4.988	0.63	1.644	7.704	4.854	0.63	1.756
26	22	8.627	4.400	0.51	1.606	8.449	4.309	0.51	1.700	8.236	4.200	0.51	1.812
27	16	7.029	6.396	0.91	1.494	6.816	6.203	0.91	1.578	6.603	6.009	0.91	1.672
27	18	7.526	5.946	0.79	1.522	7.313	5.777	0.79	1.606	7.065	5.581	0.79	1.719
27	20	8.094	5.423	0.67	1.569	7.917	5.304	0.67	1.644	7.704	5.162	0.67	1.756
27	22	8.627	4.745	0.55	1.606	8.449	4.647	0.55	1.700	8.236	4.530	0.55	1.812
28	16	7.029	6.678	0.95	1.494	6.816	6.475	0.95	1.578	6.603	6.273	0.95	1.672
28	18	7.526	6.247	0.83	1.522	7.313	6.070	0.83	1.606	7.065	5.864	0.83	1.719
28	20	8.094	5.747	0.71	1.569	7.917	5.621	0.71	1.644	7.704	5.470	0.71	1.756
28	22	8.627	5.090	0.59	1.606	8.449	4.985	0.59	1.700	8.236	4.859	0.59	1.812
30	16	7.029	7.029	1.00	1.494	6.816	6.816	1.00	1.578	6.603	6.603	1.00	1.672
30	18	7.526	6.849	0.91	1.522	7.313	6.655	0.91	1.606	7.065	6.429	0.91	1.719
30	20	8.094	6.394	0.79	1.569	7.917	6.254	0.79	1.644	7.704	6.086	0.79	1.756
30	22	8.627	5.780	0.67	1.606	8.449	5.661	0.67	1.700	8.236	5.518	0.67	1.812
32	16	7.029	7.029	1.00	1.494	6.816	6.816	1.00	1.578	6.603	6.603	1.00	1.672
32	18	7.526	7.451	0.99	1.522	7.313	7.240	0.99	1.606	7.065	6.994	0.99	1.719
32	20	8.094	7.042	0.87	1.569	7.917	6.888	0.87	1.644	7.704	6.702	0.87	1.756
32	22	8.627	6.470	0.75	1.606	8.449	6.337	0.75	1.700	8.236	6.177	0.75	1.812
34	16	7.029	7.029	1.00	1.494	6.816	6.816	1.00	1.578	6.603	6.603	1.00	1.672
34	18	7.526	7.526	1.00	1.522	7.313	7.313	1.00	1.606	7.065	7.065	1.00	1.719
34	20	8.094	7.689	0.95	1.569	7.917	7.521	0.95	1.644	7.704	7.319	0.95	1.756
34	22	8.627	7.160	0.83	1.606	8.449	7.013	0.83	1.700	8.236	6.836	0.83	1.812

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	3.981	0.63	1.793	6.035	3.802	0.63	1.924	5.751	3.623	0.63	2.083
20	18	6.816	3.476	0.51	1.840	6.603	3.368	0.51	1.980	6.177	3.150	0.51	2.130
20	20	7.384	2.880	0.39	1.887	7.100	2.769	0.39	2.017	6.674	2.603	0.39	2.167
22	16	6.319	4.486	0.71	1.793	6.035	4.285	0.71	1.924	5.751	4.083	0.71	2.083
22	18	6.816	4.021	0.59	1.840	6.603	3.896	0.59	1.980	6.177	3.644	0.59	2.130
22	20	7.384	3.470	0.47	1.887	7.100	3.337	0.47	2.017	6.674	3.137	0.47	2.167
24	16	6.319	4.992	0.79	1.793	6.035	4.768	0.79	1.924	5.751	4.543	0.79	2.083
24	18	6.816	4.567	0.67	1.840	6.603	4.424	0.67	1.980	6.177	4.139	0.67	2.130
24	20	7.384	4.061	0.55	1.887	7.100	3.905	0.55	2.017	6.674	3.671	0.55	2.167
24	22	7.952	3.419	0.43	1.924	7.668	3.297	0.43	2.073	7.242	3.114	0.43	2.204
26	16	6.319	5.498	0.87	1.793	6.035	5.250	0.87	1.924	5.751	5.003	0.87	2.083
26	18	6.816	5.112	0.75	1.840	6.603	4.952	0.75	1.980	6.177	4.633	0.75	2.130
26	20	7.384	4.652	0.63	1.887	7.100	4.473	0.63	2.017	6.674	4.205	0.63	2.167
26	22	7.952	4.056	0.51	1.924	7.668	3.911	0.51	2.073	7.242	3.693	0.51	2.204
27	16	6.319	5.750	0.91	1.793	6.035	5.492	0.91	1.924	5.751	5.233	0.91	2.083
27	18	6.816	5.385	0.79	1.840	6.603	5.216	0.79	1.980	6.177	4.880	0.79	2.130
27	20	7.384	4.947	0.67	1.887	7.100	4.757	0.67	2.017	6.674	4.472	0.67	2.167
27	22	7.952	4.374	0.55	1.924	7.668	4.217	0.55	2.073	7.242	3.983	0.55	2.204
28	16	6.319	6.003	0.95	1.793	6.035	5.733	0.95	1.924	5.751	5.463	0.95	2.083
28	18	6.816	5.657	0.83	1.840	6.603	5.480	0.83	1.980	6.177	5.127	0.83	2.130
28	20	7.384	5.243	0.71	1.887	7.100	5.041	0.71	2.017	6.674	4.739	0.71	2.167
28	22	7.952	4.692	0.59	1.924	7.668	4.524	0.59	2.073	7.242	4.273	0.59	2.204
30	16	6.319	6.319	1.00	1.793	6.035	6.035	1.00	1.924	5.751	5.751	1.00	2.083
30	18	6.816	6.203	0.91	1.840	6.603	6.009	0.91	1.980	6.177	5.621	0.91	2.130
30	20	7.384	5.833	0.79	1.887	7.100	5.609	0.79	2.017	6.674	5.272	0.79	2.167
30	22	7.952	5.328	0.67	1.924	7.668	5.138	0.67	2.073	7.242	4.852	0.67	2.204
32	16	6.319	6.319	1.00	1.793	6.035	6.035	1.00	1.924	5.751	5.751	1.00	2.083
32	18	6.816	6.748	0.99	1.840	6.603	6.537	0.99	1.980	6.177	6.115	0.99	2.130
32	20	7.384	6.424	0.87	1.887	7.100	6.177	0.87	2.017	6.674	5.806	0.87	2.167
32	22	7.952	5.964	0.75	1.924	7.668	5.751	0.75	2.073	7.242	5.432	0.75	2.204
34	16	6.319	6.319	1.00	1.793	6.035	6.035	1.00	1.924	5.751	5.751	1.00	2.083
34	18	6.816	6.816	1.00	1.840	6.603	6.603	1.00	1.980	6.177	6.177	1.00	2.130
34	20	7.384	7.015	0.95	1.887	7.100	6.745	0.95	2.017	6.674	6.340	0.95	2.167
34	22	7.952	6.600	0.83	1.924	7.668	6.364	0.83	2.073	7.242	6.011	0.83	2.204

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.019	0.64	1.784	9.120	5.837	0.64	1.884	8.835	5.654	0.64	1.996
20	18	10.070	5.236	0.52	1.817	9.785	5.088	0.52	1.918	9.453	4.916	0.52	2.052
20	20	10.830	4.332	0.40	1.873	10.593	4.237	0.40	1.962	10.308	4.123	0.40	2.096
22	16	9.405	6.772	0.72	1.784	9.120	6.566	0.72	1.884	8.835	6.361	0.72	1.996
22	18	10.070	6.042	0.60	1.817	9.785	5.871	0.60	1.918	9.453	5.672	0.60	2.052
22	20	10.830	5.198	0.48	1.873	10.593	5.085	0.48	1.962	10.308	4.948	0.48	2.096
24	16	9.405	7.524	0.80	1.784	9.120	7.296	0.80	1.884	8.835	7.068	0.80	1.996
24	18	10.070	6.848	0.68	1.817	9.785	6.654	0.68	1.918	9.453	6.428	0.68	2.052
24	20	10.830	6.065	0.56	1.873	10.593	5.932	0.56	1.962	10.308	5.772	0.56	2.096
24	22	11.543	5.079	0.44	1.918	11.305	4.974	0.44	2.029	11.020	4.849	0.44	2.163
26	16	9.405	8.276	0.88	1.784	9.120	8.026	0.88	1.884	8.835	7.775	0.88	1.996
26	18	10.070	7.653	0.76	1.817	9.785	7.437	0.76	1.918	9.453	7.184	0.76	2.052
26	20	10.830	6.931	0.64	1.873	10.593	6.780	0.64	1.962	10.308	6.597	0.64	2.096
26	22	11.543	6.002	0.52	1.918	11.305	5.879	0.52	2.029	11.020	5.730	0.52	2.163
27	16	9.405	8.653	0.92	1.784	9.120	8.390	0.92	1.884	8.835	8.128	0.92	1.996
27	18	10.070	8.056	0.80	1.817	9.785	7.828	0.80	1.918	9.453	7.562	0.80	2.052
27	20	10.830	7.364	0.68	1.873	10.593	7.203	0.68	1.962	10.308	7.009	0.68	2.096
27	22	11.543	6.464	0.56	1.918	11.305	6.331	0.56	2.029	11.020	6.171	0.56	2.163
28	16	9.405	9.029	0.96	1.784	9.120	8.755	0.96	1.884	8.835	8.482	0.96	1.996
28	18	10.070	8.459	0.84	1.817	9.785	8.219	0.84	1.918	9.453	7.941	0.84	2.052
28	20	10.830	7.798	0.72	1.873	10.593	7.627	0.72	1.962	10.308	7.422	0.72	2.096
28	22	11.543	6.926	0.60	1.918	11.305	6.783	0.60	2.029	11.020	6.612	0.60	2.163
30	16	9.405	9.405	1.00	1.784	9.120	9.120	1.00	1.884	8.835	8.835	1.00	1.996
30	18	10.070	9.264	0.92	1.817	9.785	9.002	0.92	1.918	9.453	8.697	0.92	2.052
30	20	10.830	8.664	0.80	1.873	10.593	8.474	0.80	1.962	10.308	8.246	0.80	2.096
30	22	11.543	7.849	0.68	1.918	11.305	7.687	0.68	2.029	11.020	7.494	0.68	2.163
32	16	9.405	9.405	1.00	1.784	9.120	9.120	1.00	1.884	8.835	8.835	1.00	1.996
32	18	10.070	10.070	1.00	1.817	9.785	9.785	1.00	1.918	9.453	9.453	1.00	2.052
32	20	10.830	9.530	0.88	1.873	10.593	9.322	0.88	1.962	10.308	9.071	0.88	2.096
32	22	11.543	8.773	0.76	1.918	11.305	8.592	0.76	2.029	11.020	8.375	0.76	2.163
34	16	9.405	9.405	1.00	1.784	9.120	9.120	1.00	1.884	8.835	8.835	1.00	1.996
34	18	10.070	10.070	1.00	1.817	9.785	9.785	1.00	1.918	9.453	9.453	1.00	2.052
34	20	10.830	10.397	0.96	1.873	10.593	10.169	0.96	1.962	10.308	9.896	0.96	2.096
34	22	11.543	9.696	0.84	1.918	11.305	9.496	0.84	2.029	11.020	9.257	0.84	2.163

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.411	0.64	2.141	8.075	5.168	0.64	2.297	7.695	4.925	0.64	2.486
20	18	9.120	4.742	0.52	2.197	8.835	4.594	0.52	2.364	8.265	4.298	0.52	2.542
20	20	9.880	3.952	0.40	2.252	9.500	3.800	0.40	2.408	8.930	3.572	0.40	2.587
22	16	8.455	6.088	0.72	2.141	8.075	5.814	0.72	2.297	7.695	5.540	0.72	2.486
22	18	9.120	5.472	0.60	2.197	8.835	5.301	0.60	2.364	8.265	4.959	0.60	2.542
22	20	9.880	4.742	0.48	2.252	9.500	4.560	0.48	2.408	8.930	4.286	0.48	2.587
24	16	8.455	6.764	0.80	2.141	8.075	6.460	0.80	2.297	7.695	6.156	0.80	2.486
24	18	9.120	6.202	0.68	2.197	8.835	6.008	0.68	2.364	8.265	5.620	0.68	2.542
24	20	9.880	5.533	0.56	2.252	9.500	5.320	0.56	2.408	8.930	5.001	0.56	2.587
24	22	10.640	4.682	0.44	2.297	10.260	4.514	0.44	2.475	9.690	4.264	0.44	2.631
26	16	8.455	7.440	0.88	2.141	8.075	7.106	0.88	2.297	7.695	6.772	0.88	2.486
26	18	9.120	6.931	0.76	2.197	8.835	6.715	0.76	2.364	8.265	6.281	0.76	2.542
26	20	9.880	6.323	0.64	2.252	9.500	6.080	0.64	2.408	8.930	5.715	0.64	2.587
26	22	10.640	5.533	0.52	2.297	10.260	5.335	0.52	2.475	9.690	5.039	0.52	2.631
27	16	8.455	7.779	0.92	2.141	8.075	7.429	0.92	2.297	7.695	7.079	0.92	2.486
27	18	9.120	7.296	0.80	2.197	8.835	7.068	0.80	2.364	8.265	6.612	0.80	2.542
27	20	9.880	6.718	0.68	2.252	9.500	6.460	0.68	2.408	8.930	6.072	0.68	2.587
27	22	10.640	5.958	0.56	2.297	10.260	5.746	0.56	2.475	9.690	5.426	0.56	2.631
28	16	8.455	8.117	0.96	2.141	8.075	7.752	0.96	2.297	7.695	7.387	0.96	2.486
28	18	9.120	7.661	0.84	2.197	8.835	7.421	0.84	2.364	8.265	6.943	0.84	2.542
28	20	9.880	7.114	0.72	2.252	9.500	6.840	0.72	2.408	8.930	6.430	0.72	2.587
28	22	10.640	6.384	0.60	2.297	10.260	6.156	0.60	2.475	9.690	5.814	0.60	2.631
30	16	8.455	8.455	1.00	2.141	8.075	8.075	1.00	2.297	7.695	7.695	1.00	2.486
30	18	9.120	8.390	0.92	2.197	8.835	8.128	0.92	2.364	8.265	7.604	0.92	2.542
30	20	9.880	7.904	0.80	2.252	9.500	7.600	0.80	2.408	8.930	7.144	0.80	2.587
30	22	10.640	7.235	0.68	2.297	10.260	6.977	0.68	2.475	9.690	6.589	0.68	2.631
32	16	8.455	8.455	1.00	2.141	8.075	8.075	1.00	2.297	7.695	7.695	1.00	2.486
32	18	9.120	9.120	1.00	2.197	8.835	8.835	1.00	2.364	8.265	8.265	1.00	2.542
32	20	9.880	8.694	0.88	2.252	9.500	8.360	0.88	2.408	8.930	7.858	0.88	2.587
32	22	10.640	8.086	0.76	2.297	10.260	7.798	0.76	2.475	9.690	7.364	0.76	2.631
34	16	8.455	8.455	1.00	2.141	8.075	8.075	1.00	2.297	7.695	7.695	1.00	2.486
34	18	9.120	9.120	1.00	2.197	8.835	8.835	1.00	2.364	8.265	8.265	1.00	2.542
34	20	9.880	9.485	0.96	2.252	9.500	9.120	0.96	2.408	8.930	8.573	0.96	2.587
34	22	10.640	8.938	0.84	2.297	10.260	8.618	0.84	2.475	9.690	8.140	0.84	2.631

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M125EA2 / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.549	0.61	3.095	12.000	7.320	0.61	3.269	11.625	7.091	0.61	3.463
20	18	13.250	6.493	0.49	3.153	12.875	6.309	0.49	3.327	12.438	6.095	0.49	3.559
20	20	14.250	5.273	0.37	3.250	13.938	5.157	0.37	3.405	13.563	5.018	0.37	3.637
22	16	12.375	8.539	0.69	3.095	12.000	8.280	0.69	3.269	11.625	8.021	0.69	3.463
22	18	13.250	7.553	0.57	3.153	12.875	7.339	0.57	3.327	12.438	7.090	0.57	3.559
22	20	14.250	6.413	0.45	3.250	13.938	6.272	0.45	3.405	13.563	6.103	0.45	3.637
24	16	12.375	9.529	0.77	3.095	12.000	9.240	0.77	3.269	11.625	8.951	0.77	3.463
24	18	13.250	8.613	0.65	3.153	12.875	8.369	0.65	3.327	12.438	8.085	0.65	3.559
24	20	14.250	7.553	0.53	3.250	13.938	7.387	0.53	3.405	13.563	7.188	0.53	3.637
24	22	15.188	6.227	0.41	3.327	14.875	6.099	0.41	3.521	14.500	5.945	0.41	3.753
26	16	12.375	10.519	0.85	3.095	12.000	10.200	0.85	3.269	11.625	9.881	0.85	3.463
26	18	13.250	9.673	0.73	3.153	12.875	9.399	0.73	3.327	12.438	9.080	0.73	3.559
26	20	14.250	8.693	0.61	3.250	13.938	8.502	0.61	3.405	13.563	8.273	0.61	3.637
26	22	15.188	7.442	0.49	3.327	14.875	7.289	0.49	3.521	14.500	7.105	0.49	3.753
27	16	12.375	11.014	0.89	3.095	12.000	10.680	0.89	3.269	11.625	10.346	0.89	3.463
27	18	13.250	10.203	0.77	3.153	12.875	9.914	0.77	3.327	12.438	9.577	0.77	3.559
27	20	14.250	9.263	0.65	3.250	13.938	9.060	0.65	3.405	13.563	8.816	0.65	3.637
27	22	15.188	8.050	0.53	3.327	14.875	7.884	0.53	3.521	14.500	7.685	0.53	3.753
28	16	12.375	11.509	0.93	3.095	12.000	11.160	0.93	3.269	11.625	10.811	0.93	3.463
28	18	13.250	10.733	0.81	3.153	12.875	10.429	0.81	3.327	12.438	10.075	0.81	3.559
28	20	14.250	9.833	0.69	3.250	13.938	9.617	0.69	3.405	13.563	9.358	0.69	3.637
28	22	15.188	8.657	0.57	3.327	14.875	8.479	0.57	3.521	14.500	8.265	0.57	3.753
30	16	12.375	12.375	1.00	3.095	12.000	12.000	1.00	3.269	11.625	11.625	1.00	3.463
30	18	13.250	11.793	0.89	3.153	12.875	11.459	0.89	3.327	12.438	11.070	0.89	3.559
30	20	14.250	10.973	0.77	3.250	13.938	10.732	0.77	3.405	13.563	10.444	0.77	3.637
30	22	15.188	9.872	0.65	3.327	14.875	9.669	0.65	3.521	14.500	9.425	0.65	3.753
32	16	12.375	12.375	1.00	3.095	12.000	12.000	1.00	3.269	11.625	11.625	1.00	3.463
32	18	13.250	12.853	0.97	3.153	12.875	12.489	0.97	3.327	12.438	12.065	0.97	3.559
32	20	14.250	12.113	0.85	3.250	13.938	11.847	0.85	3.405	13.563	11.529	0.85	3.637
32	22	15.188	11.087	0.73	3.327	14.875	10.859	0.73	3.521	14.500	10.585	0.73	3.753
34	16	12.375	12.375	1.00	3.095	12.000	12.000	1.00	3.269	11.625	11.625	1.00	3.463
34	18	13.250	13.250	1.00	3.153	12.875	12.875	1.00	3.327	12.438	12.438	1.00	3.559
34	20	14.250	13.253	0.93	3.250	13.938	12.962	0.93	3.405	13.563	12.614	0.93	3.637
34	22	15.188	12.302	0.81	3.327	14.875	12.049	0.81	3.521	14.500	11.745	0.81	3.753

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.786	0.61	3.714	10.625	6.481	0.61	3.985	10.125	6.176	0.61	4.314
20	18	12.000	5.880	0.49	3.811	11.625	5.696	0.49	4.101	10.875	5.329	0.49	4.411
20	20	13.000	4.810	0.37	3.908	12.500	4.625	0.37	4.179	11.750	4.348	0.37	4.488
22	16	11.125	7.676	0.69	3.714	10.625	7.331	0.69	3.985	10.125	6.986	0.69	4.314
22	18	12.000	6.840	0.57	3.811	11.625	6.626	0.57	4.101	10.875	6.199	0.57	4.411
22	20	13.000	5.850	0.45	3.908	12.500	5.625	0.45	4.179	11.750	5.288	0.45	4.488
24	16	11.125	8.566	0.77	3.714	10.625	8.181	0.77	3.985	10.125	7.796	0.77	4.314
24	18	12.000	7.800	0.65	3.811	11.625	7.566	0.65	4.101	10.875	7.069	0.65	4.411
24	20	13.000	6.890	0.53	3.908	12.500	6.625	0.53	4.179	11.750	6.228	0.53	4.488
24	22	14.000	5.740	0.41	3.985	13.500	5.535	0.41	4.295	12.750	5.228	0.41	4.565
26	16	11.125	9.456	0.85	3.714	10.625	9.031	0.85	3.985	10.125	8.606	0.85	4.314
26	18	12.000	8.760	0.73	3.811	11.625	8.486	0.73	4.101	10.875	7.939	0.73	4.411
26	20	13.000	7.930	0.61	3.908	12.500	7.625	0.61	4.179	11.750	7.168	0.61	4.488
26	22	14.000	6.860	0.49	3.985	13.500	6.615	0.49	4.295	12.750	6.248	0.49	4.565
27	16	11.125	9.901	0.89	3.714	10.625	9.456	0.89	3.985	10.125	9.011	0.89	4.314
27	18	12.000	9.240	0.77	3.811	11.625	8.951	0.77	4.101	10.875	8.374	0.77	4.411
27	20	13.000	8.450	0.65	3.908	12.500	8.125	0.65	4.179	11.750	7.638	0.65	4.488
27	22	14.000	7.420	0.53	3.985	13.500	7.155	0.53	4.295	12.750	6.758	0.53	4.565
28	16	11.125	10.346	0.93	3.714	10.625	9.881	0.93	3.985	10.125	9.416	0.93	4.314
28	18	12.000	9.720	0.81	3.811	11.625	9.416	0.81	4.101	10.875	8.809	0.81	4.411
28	20	13.000	8.970	0.69	3.908	12.500	8.625	0.69	4.179	11.750	8.108	0.69	4.488
28	22	14.000	7.980	0.57	3.985	13.500	7.695	0.57	4.295	12.750	7.268	0.57	4.565
30	16	11.125	11.125	1.00	3.714	10.625	10.625	1.00	3.985	10.125	10.125	1.00	4.314
30	18	12.000	10.680	0.89	3.811	11.625	10.346	0.89	4.101	10.875	9.679	0.89	4.411
30	20	13.000	10.010	0.77	3.908	12.500	9.625	0.77	4.179	11.750	9.048	0.77	4.488
30	22	14.000	9.100	0.65	3.985	13.500	8.775	0.65	4.295	12.750	8.288	0.65	4.565
32	16	11.125	11.125	1.00	3.714	10.625	10.625	1.00	3.985	10.125	10.125	1.00	4.314
32	18	12.000	11.640	0.97	3.811	11.625	11.276	0.97	4.101	10.875	10.549	0.97	4.411
32	20	13.000	11.050	0.85	3.908	12.500	10.625	0.85	4.179	11.750	9.988	0.85	4.488
32	22	14.000	10.220	0.73	3.985	13.500	9.855	0.73	4.295	12.750	9.308	0.73	4.565
34	16	11.125	11.125	1.00	3.714	10.625	10.625	1.00	3.985	10.125	10.125	1.00	4.314
34	18	12.000	12.000	1.00	3.811	11.625	11.625	1.00	4.101	10.875	10.875	1.00	4.411
34	20	13.000	12.090	0.93	3.908	12.500	11.625	0.93	4.179	11.750	10.928	0.93	4.488
34	22	14.000	11.340	0.81	3.985	13.500	10.935	0.81	4.295	12.750	10.328	0.81	4.565

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M140EA2 / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.225	0.62	3.514	12.864	7.976	0.62	3.712	12.462	7.726	0.62	3.932
20	18	14.204	7.102	0.50	3.580	13.802	6.901	0.50	3.778	13.333	6.667	0.50	4.042
20	20	15.276	5.805	0.38	3.690	14.941	5.678	0.38	3.866	14.539	5.525	0.38	4.129
22	16	13.266	9.286	0.70	3.514	12.864	9.005	0.70	3.712	12.462	8.723	0.70	3.932
22	18	14.204	8.238	0.58	3.580	13.802	8.005	0.58	3.778	13.333	7.733	0.58	4.042
22	20	15.276	7.027	0.46	3.690	14.941	6.873	0.46	3.866	14.539	6.688	0.46	4.129
24	16	13.266	10.347	0.78	3.514	12.864	10.034	0.78	3.712	12.462	9.720	0.78	3.932
24	18	14.204	9.375	0.66	3.580	13.802	9.109	0.66	3.778	13.333	8.800	0.66	4.042
24	20	15.276	8.249	0.54	3.690	14.941	8.068	0.54	3.866	14.539	7.851	0.54	4.129
24	22	16.281	6.838	0.42	3.778	15.946	6.697	0.42	3.998	15.544	6.528	0.42	4.261
26	16	13.266	11.409	0.86	3.514	12.864	11.063	0.86	3.712	12.462	10.717	0.86	3.932
26	18	14.204	10.511	0.74	3.580	13.802	10.213	0.74	3.778	13.333	9.866	0.74	4.042
26	20	15.276	9.471	0.62	3.690	14.941	9.263	0.62	3.866	14.539	9.014	0.62	4.129
26	22	16.281	8.141	0.50	3.778	15.946	7.973	0.50	3.998	15.544	7.772	0.50	4.261
27	16	13.266	11.939	0.90	3.514	12.864	11.578	0.90	3.712	12.462	11.216	0.90	3.932
27	18	14.204	11.079	0.78	3.580	13.802	10.766	0.78	3.778	13.333	10.400	0.78	4.042
27	20	15.276	10.082	0.66	3.690	14.941	9.861	0.66	3.866	14.539	9.596	0.66	4.129
27	22	16.281	8.792	0.54	3.778	15.946	8.611	0.54	3.998	15.544	8.394	0.54	4.261
28	16	13.266	12.470	0.94	3.514	12.864	12.092	0.94	3.712	12.462	11.714	0.94	3.932
28	18	14.204	11.647	0.82	3.580	13.802	11.318	0.82	3.778	13.333	10.933	0.82	4.042
28	20	15.276	10.693	0.70	3.690	14.941	10.459	0.70	3.866	14.539	10.177	0.70	4.129
28	22	16.281	9.443	0.58	3.778	15.946	9.249	0.58	3.998	15.544	9.016	0.58	4.261
30	16	13.266	13.266	1.00	3.514	12.864	12.864	1.00	3.712	12.462	12.462	1.00	3.932
30	18	14.204	12.784	0.90	3.580	13.802	12.422	0.90	3.778	13.333	12.000	0.90	4.042
30	20	15.276	11.915	0.78	3.690	14.941	11.654	0.78	3.866	14.539	11.340	0.78	4.129
30	22	16.281	10.745	0.66	3.778	15.946	10.524	0.66	3.998	15.544	10.259	0.66	4.261
32	16	13.266	13.266	1.00	3.514	12.864	12.864	1.00	3.712	12.462	12.462	1.00	3.932
32	18	14.204	13.920	0.98	3.580	13.802	13.526	0.98	3.778	13.333	13.066	0.98	4.042
32	20	15.276	13.137	0.86	3.690	14.941	12.849	0.86	3.866	14.539	12.504	0.86	4.129
32	22	16.281	12.048	0.74	3.778	15.946	11.800	0.74	3.998	15.544	11.503	0.74	4.261
34	16	13.266	13.266	1.00	3.514	12.864	12.864	1.00	3.712	12.462	12.462	1.00	3.932
34	18	14.204	14.204	1.00	3.580	13.802	13.802	1.00	3.778	13.333	13.333	1.00	4.042
34	20	15.276	14.359	0.94	3.690	14.941	14.045	0.94	3.866	14.539	13.667	0.94	4.129
34	22	16.281	13.350	0.82	3.778	15.946	13.076	0.82	3.998	15.544	12.746	0.82	4.261

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.394	0.62	4.217	11.390	7.062	0.62	4.525	10.854	6.729	0.62	4.898
20	18	12.864	6.432	0.50	4.327	12.462	6.231	0.50	4.657	11.658	5.829	0.50	5.008
20	20	13.936	5.296	0.38	4.437	13.400	5.092	0.38	4.744	12.596	4.786	0.38	5.096
22	16	11.926	8.348	0.70	4.217	11.390	7.973	0.70	4.525	10.854	7.598	0.70	4.898
22	18	12.864	7.461	0.58	4.327	12.462	7.228	0.58	4.657	11.658	6.762	0.58	5.008
22	20	13.936	6.411	0.46	4.437	13.400	6.164	0.46	4.744	12.596	5.794	0.46	5.096
24	16	11.926	9.302	0.78	4.217	11.390	8.884	0.78	4.525	10.854	8.466	0.78	4.898
24	18	12.864	8.490	0.66	4.327	12.462	8.225	0.66	4.657	11.658	7.694	0.66	5.008
24	20	13.936	7.525	0.54	4.437	13.400	7.236	0.54	4.744	12.596	6.802	0.54	5.096
24	22	15.008	6.303	0.42	4.525	14.472	6.078	0.42	4.876	13.668	5.741	0.42	5.184
26	16	11.926	10.256	0.86	4.217	11.390	9.795	0.86	4.525	10.854	9.334	0.86	4.898
26	18	12.864	9.519	0.74	4.327	12.462	9.222	0.74	4.657	11.658	8.627	0.74	5.008
26	20	13.936	8.640	0.62	4.437	13.400	8.308	0.62	4.744	12.596	7.810	0.62	5.096
26	22	15.008	7.504	0.50	4.525	14.472	7.236	0.50	4.876	13.668	6.834	0.50	5.184
27	16	11.926	10.733	0.90	4.217	11.390	10.251	0.90	4.525	10.854	9.769	0.90	4.898
27	18	12.864	10.034	0.78	4.327	12.462	9.720	0.78	4.657	11.658	9.093	0.78	5.008
27	20	13.936	9.198	0.66	4.437	13.400	8.844	0.66	4.744	12.596	8.313	0.66	5.096
27	22	15.008	8.104	0.54	4.525	14.472	7.815	0.54	4.876	13.668	7.381	0.54	5.184
28	16	11.926	11.210	0.94	4.217	11.390	10.707	0.94	4.525	10.854	10.203	0.94	4.898
28	18	12.864	10.548	0.82	4.327	12.462	10.219	0.82	4.657	11.658	9.560	0.82	5.008
28	20	13.936	9.755	0.70	4.437	13.400	9.380	0.70	4.744	12.596	8.817	0.70	5.096
28	22	15.008	8.705	0.58	4.525	14.472	8.394	0.58	4.876	13.668	7.927	0.58	5.184
30	16	11.926	11.926	1.00	4.217	11.390	11.390	1.00	4.525	10.854	10.854	1.00	4.898
30	18	12.864	11.578	0.90	4.327	12.462	11.216	0.90	4.657	11.658	10.492	0.90	5.008
30	20	13.936	10.870	0.78	4.437	13.400	10.452	0.78	4.744	12.596	9.825	0.78	5.096
30	22	15.008	9.905	0.66	4.525	14.472	9.552	0.66	4.876	13.668	9.021	0.66	5.184
32	16	11.926	11.926	1.00	4.217	11.390	11.390	1.00	4.525	10.854	10.854	1.00	4.898
32	18	12.864	12.607	0.98	4.327	12.462	12.213	0.98	4.657	11.658	11.425	0.98	5.008
32	20	13.936	11.985	0.86	4.437	13.400	11.524	0.86	4.744	12.596	10.833	0.86	5.096
32	22	15.008	11.106	0.74	4.525	14.472	10.709	0.74	4.876	13.668	10.114	0.74	5.184
34	16	11.926	11.926	1.00	4.217	11.390	11.390	1.00	4.525	10.854	10.854	1.00	4.898
34	18	12.864	12.864	1.00	4.327	12.462	12.462	1.00	4.657	11.658	11.658	1.00	5.008
34	20	13.936	13.100	0.94	4.437	13.400	12.596	0.94	4.744	12.596	11.840	0.94	5.096
34	22	15.008	12.307	0.82	4.525	14.472	11.867	0.82	4.876	13.668	11.208	0.82	5.184

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

3. Mr.Slim+

**COOLING CAPACITY
PLA-ZM71EA2 / PUHZ-FRP71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.358	0.62	1.506	6.816	4.226	0.62	1.591	6.603	4.094	0.62	1.685
20	18	7.526	3.763	0.50	1.535	7.313	3.657	0.50	1.619	7.065	3.533	0.50	1.732
20	20	8.094	3.076	0.38	1.582	7.917	3.008	0.38	1.657	7.704	2.928	0.38	1.770
22	16	7.029	4.920	0.70	1.506	6.816	4.771	0.70	1.591	6.603	4.622	0.70	1.685
22	18	7.526	4.365	0.58	1.535	7.313	4.242	0.58	1.619	7.065	4.098	0.58	1.732
22	20	8.094	3.723	0.46	1.582	7.917	3.642	0.46	1.657	7.704	3.544	0.46	1.770
24	16	7.029	5.483	0.78	1.506	6.816	5.316	0.78	1.591	6.603	5.150	0.78	1.685
24	18	7.526	4.967	0.66	1.535	7.313	4.827	0.66	1.619	7.065	4.663	0.66	1.732
24	20	8.094	4.371	0.54	1.582	7.917	4.275	0.54	1.657	7.704	4.160	0.54	1.770
24	22	8.627	3.623	0.42	1.619	8.449	3.549	0.42	1.714	8.236	3.459	0.42	1.827
26	16	7.029	6.045	0.86	1.506	6.816	5.862	0.86	1.591	6.603	5.679	0.86	1.685
26	18	7.526	5.569	0.74	1.535	7.313	5.412	0.74	1.619	7.065	5.228	0.74	1.732
26	20	8.094	5.018	0.62	1.582	7.917	4.909	0.62	1.657	7.704	4.776	0.62	1.770
26	22	8.627	4.314	0.50	1.619	8.449	4.225	0.50	1.714	8.236	4.118	0.50	1.827
27	16	7.029	6.326	0.90	1.506	6.816	6.134	0.90	1.591	6.603	5.943	0.90	1.685
27	18	7.526	5.870	0.78	1.535	7.313	5.704	0.78	1.619	7.065	5.511	0.78	1.732
27	20	8.094	5.342	0.66	1.582	7.917	5.225	0.66	1.657	7.704	5.085	0.66	1.770
27	22	8.627	4.659	0.54	1.619	8.449	4.562	0.54	1.714	8.236	4.447	0.54	1.827
28	16	7.029	6.607	0.94	1.506	6.816	6.407	0.94	1.591	6.603	6.207	0.94	1.685
28	18	7.526	6.171	0.82	1.535	7.313	5.997	0.82	1.619	7.065	5.793	0.82	1.732
28	20	8.094	5.666	0.70	1.582	7.917	5.542	0.70	1.657	7.704	5.393	0.70	1.770
28	22	8.627	5.004	0.58	1.619	8.449	4.900	0.58	1.714	8.236	4.777	0.58	1.827
30	16	7.029	7.029	1.00	1.506	6.816	6.816	1.00	1.591	6.603	6.603	1.00	1.685
30	18	7.526	6.773	0.90	1.535	7.313	6.582	0.90	1.619	7.065	6.359	0.90	1.732
30	20	8.094	6.313	0.78	1.582	7.917	6.175	0.78	1.657	7.704	6.009	0.78	1.770
30	22	8.627	5.694	0.66	1.619	8.449	5.576	0.66	1.714	8.236	5.436	0.66	1.827
32	16	7.029	7.029	1.00	1.506	6.816	6.816	1.00	1.591	6.603	6.603	1.00	1.685
32	18	7.526	7.375	0.98	1.535	7.313	7.167	0.98	1.619	7.065	6.924	0.98	1.732
32	20	8.094	6.961	0.86	1.582	7.917	6.809	0.86	1.657	7.704	6.625	0.86	1.770
32	22	8.627	6.384	0.74	1.619	8.449	6.252	0.74	1.714	8.236	6.095	0.74	1.827
34	16	7.029	7.029	1.00	1.506	6.816	6.816	1.00	1.591	6.603	6.603	1.00	1.685
34	18	7.526	7.526	1.00	1.535	7.313	7.313	1.00	1.619	7.065	7.065	1.00	1.732
34	20	8.094	7.608	0.94	1.582	7.917	7.442	0.94	1.657	7.704	7.242	0.94	1.770
34	22	8.627	7.074	0.82	1.619	8.449	6.928	0.82	1.714	8.236	6.754	0.82	1.827

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	3.918	0.62	1.808	6.035	3.742	0.62	1.939	5.751	3.566	0.62	2.100
20	18	6.816	3.408	0.50	1.855	6.603	3.302	0.50	1.996	6.177	3.089	0.50	2.147
20	20	7.384	2.806	0.38	1.902	7.100	2.698	0.38	2.034	6.674	2.536	0.38	2.184
22	16	6.319	4.423	0.70	1.808	6.035	4.225	0.70	1.939	5.751	4.026	0.70	2.100
22	18	6.816	3.953	0.58	1.855	6.603	3.830	0.58	1.996	6.177	3.583	0.58	2.147
22	20	7.384	3.397	0.46	1.902	7.100	3.266	0.46	2.034	6.674	3.070	0.46	2.184
24	16	6.319	4.929	0.78	1.808	6.035	4.707	0.78	1.939	5.751	4.486	0.78	2.100
24	18	6.816	4.499	0.66	1.855	6.603	4.358	0.66	1.996	6.177	4.077	0.66	2.147
24	20	7.384	3.987	0.54	1.902	7.100	3.834	0.54	2.034	6.674	3.604	0.54	2.184
24	22	7.952	3.340	0.42	1.939	7.668	3.221	0.42	2.090	7.242	3.042	0.42	2.222
26	16	6.319	5.434	0.86	1.808	6.035	5.190	0.86	1.939	5.751	4.946	0.86	2.100
26	18	6.816	5.044	0.74	1.855	6.603	4.886	0.74	1.996	6.177	4.571	0.74	2.147
26	20	7.384	4.578	0.62	1.902	7.100	4.402	0.62	2.034	6.674	4.138	0.62	2.184
26	22	7.952	3.976	0.50	1.939	7.668	3.834	0.50	2.090	7.242	3.621	0.50	2.222
27	16	6.319	5.687	0.90	1.808	6.035	5.432	0.90	1.939	5.751	5.176	0.90	2.100
27	18	6.816	5.316	0.78	1.855	6.603	5.150	0.78	1.996	6.177	4.818	0.78	2.147
27	20	7.384	4.873	0.66	1.902	7.100	4.686	0.66	2.034	6.674	4.405	0.66	2.184
27	22	7.952	4.294	0.54	1.939	7.668	4.141	0.54	2.090	7.242	3.911	0.54	2.222
28	16	6.319	5.940	0.94	1.808	6.035	5.673	0.94	1.939	5.751	5.406	0.94	2.100
28	18	6.816	5.589	0.82	1.855	6.603	5.414	0.82	1.996	6.177	5.065	0.82	2.147
28	20	7.384	5.169	0.70	1.902	7.100	4.970	0.70	2.034	6.674	4.672	0.70	2.184
28	22	7.952	4.612	0.58	1.939	7.668	4.447	0.58	2.090	7.242	4.200	0.58	2.222
30	16	6.319	6.319	1.00	1.808	6.035	6.035	1.00	1.939	5.751	5.751	1.00	2.100
30	18	6.816	6.134	0.90	1.855	6.603	5.943	0.90	1.996	6.177	5.559	0.90	2.147
30	20	7.384	5.760	0.78	1.902	7.100	5.538	0.78	2.034	6.674	5.206	0.78	2.184
30	22	7.952	5.248	0.66	1.939	7.668	5.061	0.66	2.090	7.242	4.780	0.66	2.222
32	16	6.319	6.319	1.00	1.808	6.035	6.035	1.00	1.939	5.751	5.751	1.00	2.100
32	18	6.816	6.680	0.98	1.855	6.603	6.471	0.98	1.996	6.177	6.053	0.98	2.147
32	20	7.384	6.350	0.86	1.902	7.100	6.106	0.86	2.034	6.674	5.740	0.86	2.184
32	22	7.952	5.884	0.74	1.939	7.668	5.674	0.74	2.090	7.242	5.359	0.74	2.222
34	16	6.319	6.319	1.00	1.808	6.035	6.035	1.00	1.939	5.751	5.751	1.00	2.100
34	18	6.816	6.816	1.00	1.855	6.603	6.603	1.00	1.996	6.177	6.177	1.00	2.147
34	20	7.384	6.941	0.94	1.902	7.100	6.674	0.94	2.034	6.674	6.274	0.94	2.184
34	22	7.952	6.521	0.82	1.939	7.668	6.288	0.82	2.090	7.242	5.938	0.82	2.222

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

4. Standard Inverter SERIES

COOLING CAPACITY

PLA-M35EA2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.792	0.66	0.816	4.050	2.673	0.66	0.857	3.888	2.566	0.66	0.898	3.744	2.471	0.66	0.938
21	20	4.410	2.381	0.54	0.857	4.230	2.284	0.54	0.908	4.104	2.216	0.54	0.928	3.960	2.138	0.54	0.969
22	18	4.230	2.961	0.70	0.816	4.050	2.835	0.70	0.857	3.888	2.722	0.70	0.898	3.744	2.621	0.70	0.938
22	20	4.410	2.558	0.58	0.857	4.230	2.453	0.58	0.908	4.104	2.380	0.58	0.928	3.960	2.297	0.58	0.969
22	22	4.590	2.111	0.46	0.887	4.428	2.037	0.46	0.944	4.320	1.987	0.46	0.969	4.140	1.904	0.46	1.010
23	18	4.230	3.130	0.74	0.816	4.050	2.997	0.74	0.857	3.888	2.877	0.74	0.898	3.744	2.771	0.74	0.938
23	20	4.410	2.734	0.62	0.857	4.230	2.623	0.62	0.908	4.104	2.544	0.62	0.928	3.960	2.455	0.62	0.969
23	22	4.590	2.295	0.50	0.887	4.428	2.214	0.50	0.944	4.320	2.160	0.50	0.969	4.140	2.070	0.50	1.010
24	18	4.230	3.299	0.78	0.816	4.050	3.159	0.78	0.857	3.888	3.033	0.78	0.898	3.744	2.920	0.78	0.938
24	20	4.410	2.911	0.66	0.857	4.230	2.792	0.66	0.908	4.104	2.709	0.66	0.928	3.960	2.614	0.66	0.969
24	22	4.590	2.479	0.54	0.887	4.428	2.391	0.54	0.944	4.320	2.333	0.54	0.969	4.140	2.236	0.54	1.010
24	24	4.824	2.026	0.42	0.928	4.644	1.950	0.42	0.979	4.536	1.905	0.42	1.010	4.392	1.845	0.42	1.061
25	20	4.410	3.087	0.70	0.857	4.230	2.961	0.70	0.908	4.104	2.873	0.70	0.928	3.960	2.772	0.70	0.969
25	22	4.590	2.662	0.58	0.887	4.428	2.568	0.58	0.944	4.320	2.506	0.58	0.969	4.140	2.401	0.58	1.010
25	24	4.824	2.219	0.46	0.928	4.644	2.136	0.46	0.979	4.536	2.087	0.46	1.010	4.392	2.020	0.46	1.061
26	18	4.230	3.638	0.86	0.816	4.050	3.483	0.86	0.857	3.888	3.344	0.86	0.898	3.744	3.220	0.86	0.938
26	20	4.410	3.263	0.74	0.857	4.230	3.130	0.74	0.908	4.104	3.037	0.74	0.928	3.960	2.930	0.74	0.969
26	22	4.590	2.846	0.62	0.887	4.428	2.745	0.62	0.944	4.320	2.678	0.62	0.969	4.140	2.567	0.62	1.010
26	24	4.824	2.412	0.50	0.928	4.644	2.322	0.50	0.979	4.536	2.268	0.50	1.010	4.392	2.196	0.50	1.061
26	26	4.968	1.888	0.38	0.979	4.824	1.833	0.38	1.030	4.752	1.806	0.38	1.061	4.608	1.751	0.38	1.091
27	18	4.230	3.807	0.90	0.816	4.050	3.645	0.90	0.857	3.888	3.499	0.90	0.898	3.744	3.370	0.90	0.938
27	20	4.410	3.440	0.78	0.857	4.230	3.299	0.78	0.908	4.104	3.201	0.78	0.928	3.960	3.089	0.78	0.969
27	22	4.590	3.029	0.66	0.887	4.428	2.922	0.66	0.944	4.320	2.851	0.66	0.969	4.140	2.732	0.66	1.010
27	24	4.824	2.605	0.54	0.928	4.644	2.508	0.54	0.979	4.536	2.449	0.54	1.010	4.392	2.372	0.54	1.061
27	26	4.968	2.087	0.42	0.979	4.824	2.026	0.42	1.030	4.752	1.996	0.42	1.061	4.608	1.935	0.42	1.091
28	18	4.230	3.976	0.94	0.816	4.050	3.807	0.94	0.857	3.888	3.655	0.94	0.898	3.744	3.519	0.94	0.938
28	20	4.410	3.616	0.82	0.857	4.230	3.469	0.82	0.908	4.104	3.365	0.82	0.928	3.960	3.247	0.82	0.969
28	22	4.590	3.213	0.70	0.887	4.428	3.100	0.70	0.944	4.320	3.024	0.70	0.969	4.140	2.898	0.70	1.010
28	24	4.824	2.798	0.58	0.928	4.644	2.694	0.58	0.979	4.536	2.631	0.58	1.010	4.392	2.547	0.58	1.061
28	26	4.968	2.285	0.46	0.979	4.824	2.219	0.46	1.030	4.752	2.186	0.46	1.061	4.608	2.120	0.46	1.091
29	18	4.230	4.145	0.98	0.816	4.050	3.969	0.98	0.857	3.888	3.810	0.98	0.898	3.744	3.669	0.98	0.938
29	20	4.410	3.793	0.86	0.857	4.230	3.638	0.86	0.908	4.104	3.529	0.86	0.928	3.960	3.406	0.86	0.969
29	22	4.590	3.397	0.74	0.887	4.428	3.277	0.74	0.944	4.320	3.197	0.74	0.969	4.140	3.064	0.74	1.010
29	24	4.824	2.991	0.62	0.928	4.644	2.879	0.62	0.979	4.536	2.812	0.62	1.010	4.392	2.723	0.62	1.061
29	26	4.968	2.484	0.50	0.979	4.824	2.412	0.50	1.030	4.752	2.376	0.50	1.061	4.608	2.304	0.50	1.091
30	18	4.230	4.230	1.00	0.816	4.050	4.050	1.00	0.857	3.888	3.888	1.00	0.898	3.744	3.744	1.00	0.938
30	20	4.410	3.969	0.90	0.857	4.230	3.807	0.90	0.908	4.104	3.694	0.90	0.928	3.960	3.564	0.90	0.969
30	22	4.590	3.580	0.78	0.887	4.428	3.454	0.78	0.944	4.320	3.370	0.78	0.969	4.140	3.229	0.78	1.010
30	24	4.824	3.184	0.66	0.928	4.644	3.065	0.66	0.979	4.536	2.994	0.66	1.010	4.392	2.899	0.66	1.061
30	26	4.968	2.683	0.54	0.979	4.824	2.605	0.54	1.030	4.752	2.566	0.54	1.061	4.608	2.488	0.54	1.091
31	18	4.230	4.230	1.00	0.816	4.050	4.050	1.00	0.857	3.888	3.888	1.00	0.898	3.744	3.744	1.00	0.938
31	20	4.410	4.145	0.94	0.857	4.230	3.976	0.94	0.908	4.104	3.858	0.94	0.928	3.960	3.722	0.94	0.969
31	22	4.590	3.764	0.82	0.887	4.428	3.631	0.82	0.944	4.320	3.542	0.82	0.969	4.140	3.395	0.82	1.010
31	24	4.824	3.377	0.70	0.928	4.644	3.251	0.70	0.979	4.536	3.175	0.70	1.010	4.392	3.074	0.70	1.061
31	26	4.968	2.881	0.58	0.979	4.824	2.798	0.58	1.030	4.752	2.756	0.58	1.061	4.608	2.673	0.58	1.091
32	18	4.230	4.230	1.00	0.816	4.050	4.050	1.00	0.857	3.888	3.888	1.00	0.898	3.744	3.744	1.00	0.938
32	20	4.410	4.322	0.98	0.857	4.230	4.145	0.98	0.908	4.104	4.022	0.98	0.928	3.960	3.881	0.98	0.969
32	22	4.590	3.947	0.86	0.887	4.428	3.808	0.86	0.944	4.320	3.715	0.86	0.969	4.140	3.560	0.86	1.010
32	24	4.824	3.570	0.74	0.928	4.644	3.437	0.74	0.979	4.536	3.357	0.74	1.010	4.392	3.250	0.74	1.061
32	26	4.968	3.080	0.62	0.979	4.824	2.991	0.62	1.030	4.752	2.946	0.62	1.061	4.608	2.857	0.62	1.091

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M35EA2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.328	0.66	1.000	3.240	2.138	0.66	1.061	2.988	1.972	0.66	1.102
21	20	3.708	2.002	0.54	1.040	3.456	1.866	0.54	1.091	3.204	1.730	0.54	1.153
22	18	3.528	2.470	0.70	1.000	3.240	2.268	0.70	1.061	2.988	2.092	0.70	1.102
22	20	3.708	2.151	0.58	1.040	3.456	2.004	0.58	1.091	3.204	1.858	0.58	1.153
22	22	3.924	1.805	0.46	1.081	3.672	1.689	0.46	1.142	3.420	1.573	0.46	1.183
23	18	3.528	2.611	0.74	1.000	3.240	2.398	0.74	1.061	2.988	2.211	0.74	1.102
23	20	3.708	2.299	0.62	1.040	3.456	2.143	0.62	1.091	3.204	1.986	0.62	1.153
23	22	3.924	1.962	0.50	1.081	3.672	1.836	0.50	1.142	3.420	1.710	0.50	1.183
24	18	3.528	2.752	0.78	1.000	3.240	2.527	0.78	1.061	2.988	2.331	0.78	1.102
24	20	3.708	2.447	0.66	1.040	3.456	2.281	0.66	1.091	3.204	2.115	0.66	1.153
24	22	3.924	2.119	0.54	1.081	3.672	1.983	0.54	1.142	3.420	1.847	0.54	1.183
24	24	4.140	1.739	0.42	1.122	3.888	1.633	0.42	1.173	3.672	1.542	0.42	1.224
25	20	3.708	2.596	0.70	1.040	3.456	2.419	0.70	1.091	3.204	2.243	0.70	1.153
25	22	3.924	2.276	0.58	1.081	3.672	2.130	0.58	1.142	3.420	1.984	0.58	1.183
25	24	4.140	1.904	0.46	1.122	3.888	1.788	0.46	1.173	3.672	1.689	0.46	1.224
26	18	3.528	3.034	0.86	1.000	3.240	2.786	0.86	1.061	2.988	2.570	0.86	1.102
26	20	3.708	2.744	0.74	1.040	3.456	2.557	0.74	1.091	3.204	2.371	0.74	1.153
26	22	3.924	2.433	0.62	1.081	3.672	2.277	0.62	1.142	3.420	2.120	0.62	1.183
26	24	4.140	2.070	0.50	1.122	3.888	1.944	0.50	1.173	3.672	1.836	0.50	1.224
26	26	4.356	1.655	0.38	1.163	4.104	1.560	0.38	1.214	3.852	1.464	0.38	1.265
27	18	3.528	3.175	0.90	1.000	3.240	2.916	0.90	1.061	2.988	2.689	0.90	1.102
27	20	3.708	2.892	0.78	1.040	3.456	2.696	0.78	1.091	3.204	2.499	0.78	1.153
27	22	3.924	2.590	0.66	1.081	3.672	2.424	0.66	1.142	3.420	2.257	0.66	1.183
27	24	4.140	2.236	0.54	1.122	3.888	2.100	0.54	1.173	3.672	1.983	0.54	1.224
27	26	4.356	1.830	0.42	1.163	4.104	1.724	0.42	1.214	3.852	1.618	0.42	1.265
28	18	3.528	3.316	0.94	1.000	3.240	3.046	0.94	1.061	2.988	2.809	0.94	1.102
28	20	3.708	3.041	0.82	1.040	3.456	2.834	0.82	1.091	3.204	2.627	0.82	1.153
28	22	3.924	2.747	0.70	1.081	3.672	2.570	0.70	1.142	3.420	2.394	0.70	1.183
28	24	4.140	2.401	0.58	1.122	3.888	2.255	0.58	1.173	3.672	2.130	0.58	1.224
28	26	4.356	2.004	0.46	1.163	4.104	1.888	0.46	1.214	3.852	1.772	0.46	1.265
29	18	3.528	3.457	0.98	1.000	3.240	3.175	0.98	1.061	2.988	2.928	0.98	1.102
29	20	3.708	3.189	0.86	1.040	3.456	2.972	0.86	1.091	3.204	2.755	0.86	1.153
29	22	3.924	2.904	0.74	1.081	3.672	2.717	0.74	1.142	3.420	2.531	0.74	1.183
29	24	4.140	2.567	0.62	1.122	3.888	2.411	0.62	1.173	3.672	2.277	0.62	1.224
29	26	4.356	2.178	0.50	1.163	4.104	2.052	0.50	1.214	3.852	1.926	0.50	1.265
30	18	3.528	3.528	1.00	1.000	3.240	3.240	1.00	1.061	2.988	2.988	1.00	1.102
30	20	3.708	3.337	0.90	1.040	3.456	3.110	0.90	1.091	3.204	2.884	0.90	1.153
30	22	3.924	3.061	0.78	1.081	3.672	2.864	0.78	1.142	3.420	2.668	0.78	1.183
30	24	4.140	2.732	0.66	1.122	3.888	2.566	0.66	1.173	3.672	2.424	0.66	1.224
30	26	4.356	2.352	0.54	1.163	4.104	2.216	0.54	1.214	3.852	2.080	0.54	1.265
31	18	3.528	3.528	1.00	1.000	3.240	3.240	1.00	1.061	2.988	2.988	1.00	1.102
31	20	3.708	3.486	0.94	1.040	3.456	3.249	0.94	1.091	3.204	3.012	0.94	1.153
31	22	3.924	3.218	0.82	1.081	3.672	3.011	0.82	1.142	3.420	2.804	0.82	1.183
31	24	4.140	2.898	0.70	1.122	3.888	2.722	0.70	1.173	3.672	2.570	0.70	1.224
31	26	4.356	2.526	0.58	1.163	4.104	2.380	0.58	1.214	3.852	2.234	0.58	1.265
32	18	3.528	3.528	1.00	1.000	3.240	3.240	1.00	1.061	2.988	2.988	1.00	1.102
32	20	3.708	3.634	0.98	1.040	3.456	3.387	0.98	1.091	3.204	3.140	0.98	1.153
32	22	3.924	3.375	0.86	1.081	3.672	3.158	0.86	1.142	3.420	2.941	0.86	1.183
32	24	4.140	3.064	0.74	1.122	3.888	2.877	0.74	1.173	3.672	2.717	0.74	1.224
32	26	4.356	2.701	0.62	1.163	4.104	2.544	0.62	1.214	3.852	2.388	0.62	1.265

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M50EA2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.463	4.072	0.63	1.288	6.188	3.898	0.63	1.352	5.940	3.742	0.63	1.417	5.720	3.604	0.63	1.481
21	20	6.738	3.436	0.51	1.352	6.463	3.296	0.51	1.433	6.270	3.198	0.51	1.465	6.050	3.086	0.51	1.530
22	18	6.463	4.330	0.67	1.288	6.188	4.146	0.67	1.352	5.940	3.980	0.67	1.417	5.720	3.832	0.67	1.481
22	20	6.738	3.706	0.55	1.352	6.463	3.555	0.55	1.433	6.270	3.449	0.55	1.465	6.050	3.328	0.55	1.530
22	22	7.013	3.016	0.43	1.401	6.765	2.909	0.43	1.489	6.600	2.838	0.43	1.530	6.325	2.720	0.43	1.594
23	18	6.463	4.589	0.71	1.288	6.188	4.393	0.71	1.352	5.940	4.217	0.71	1.417	5.720	4.061	0.71	1.481
23	20	6.738	3.975	0.59	1.352	6.463	3.813	0.59	1.433	6.270	3.699	0.59	1.465	6.050	3.570	0.59	1.530
23	22	7.013	3.296	0.47	1.401	6.765	3.180	0.47	1.489	6.600	3.102	0.47	1.530	6.325	2.973	0.47	1.594
24	18	6.463	4.847	0.75	1.288	6.188	4.641	0.75	1.352	5.940	4.455	0.75	1.417	5.720	4.290	0.75	1.481
24	20	6.738	4.245	0.63	1.352	6.463	4.072	0.63	1.433	6.270	3.950	0.63	1.465	6.050	3.812	0.63	1.530
24	22	7.013	3.577	0.51	1.401	6.765	3.450	0.51	1.489	6.600	3.366	0.51	1.530	6.325	3.226	0.51	1.594
24	24	7.370	2.874	0.39	1.465	7.095	2.767	0.39	1.546	6.930	2.703	0.39	1.594	6.710	2.617	0.39	1.674
25	20	6.738	4.514	0.67	1.352	6.463	4.330	0.67	1.433	6.270	4.201	0.67	1.465	6.050	4.054	0.67	1.530
25	22	7.013	3.857	0.55	1.401	6.765	3.721	0.55	1.489	6.600	3.630	0.55	1.530	6.325	3.479	0.55	1.594
25	24	7.370	3.169	0.43	1.465	7.095	3.051	0.43	1.546	6.930	2.980	0.43	1.594	6.710	2.885	0.43	1.674
26	18	6.463	5.364	0.83	1.288	6.188	5.136	0.83	1.352	5.940	4.930	0.83	1.417	5.720	4.748	0.83	1.481
26	20	6.738	4.784	0.71	1.352	6.463	4.589	0.71	1.433	6.270	4.452	0.71	1.465	6.050	4.296	0.71	1.530
26	22	7.013	4.138	0.59	1.401	6.765	3.991	0.59	1.489	6.600	3.894	0.59	1.530	6.325	3.732	0.59	1.594
26	24	7.370	3.464	0.47	1.465	7.095	3.335	0.47	1.546	6.930	3.257	0.47	1.594	6.710	3.154	0.47	1.674
26	26	7.590	2.657	0.35	1.546	7.370	2.580	0.35	1.626	7.260	2.541	0.35	1.674	7.040	2.464	0.35	1.723
27	18	6.463	5.623	0.87	1.288	6.188	5.384	0.87	1.352	5.940	5.168	0.87	1.417	5.720	4.976	0.87	1.481
27	20	6.738	5.054	0.75	1.352	6.463	4.847	0.75	1.433	6.270	4.703	0.75	1.465	6.050	4.538	0.75	1.530
27	22	7.013	4.418	0.63	1.401	6.765	4.262	0.63	1.489	6.600	4.158	0.63	1.530	6.325	3.985	0.63	1.594
27	24	7.370	3.759	0.51	1.465	7.095	3.618	0.51	1.546	6.930	3.534	0.51	1.594	6.710	3.422	0.51	1.674
27	26	7.590	2.960	0.39	1.546	7.370	2.874	0.39	1.626	7.260	2.831	0.39	1.674	7.040	2.746	0.39	1.723
28	18	6.463	5.881	0.91	1.288	6.188	5.631	0.91	1.352	5.940	5.405	0.91	1.417	5.720	5.205	0.91	1.481
28	20	6.738	5.323	0.79	1.352	6.463	5.106	0.79	1.433	6.270	4.953	0.79	1.465	6.050	4.780	0.79	1.530
28	22	7.013	4.699	0.67	1.401	6.765	4.533	0.67	1.489	6.600	4.422	0.67	1.530	6.325	4.238	0.67	1.594
28	24	7.370	4.054	0.55	1.465	7.095	3.902	0.55	1.546	6.930	3.812	0.55	1.594	6.710	3.691	0.55	1.674
28	26	7.590	3.264	0.43	1.546	7.370	3.169	0.43	1.626	7.260	3.122	0.43	1.674	7.040	3.027	0.43	1.723
29	18	6.463	6.140	0.95	1.288	6.188	5.879	0.95	1.352	5.940	5.643	0.95	1.417	5.720	5.434	0.95	1.481
29	20	6.738	5.593	0.83	1.352	6.463	5.364	0.83	1.433	6.270	5.204	0.83	1.465	6.050	5.022	0.83	1.530
29	22	7.013	4.979	0.71	1.401	6.765	4.803	0.71	1.489	6.600	4.686	0.71	1.530	6.325	4.491	0.71	1.594
29	24	7.370	4.348	0.59	1.465	7.095	4.186	0.59	1.546	6.930	4.089	0.59	1.594	6.710	3.959	0.59	1.674
29	26	7.590	3.567	0.47	1.546	7.370	3.464	0.47	1.626	7.260	3.412	0.47	1.674	7.040	3.309	0.47	1.723
30	18	6.463	6.398	0.99	1.288	6.188	6.126	0.99	1.352	5.940	5.881	0.99	1.417	5.720	5.663	0.99	1.481
30	20	6.738	5.862	0.87	1.352	6.463	5.623	0.87	1.433	6.270	5.455	0.87	1.465	6.050	5.264	0.87	1.530
30	22	7.013	5.260	0.75	1.401	6.765	5.074	0.75	1.489	6.600	4.950	0.75	1.530	6.325	4.744	0.75	1.594
30	24	7.370	4.643	0.63	1.465	7.095	4.470	0.63	1.546	6.930	4.366	0.63	1.594	6.710	4.227	0.63	1.674
30	26	7.590	3.871	0.51	1.546	7.370	3.759	0.51	1.626	7.260	3.703	0.51	1.674	7.040	3.590	0.51	1.723
31	18	6.463	6.663	1.00	1.288	6.188	6.188	1.00	1.352	5.940	5.940	1.00	1.417	5.720	5.720	1.00	1.481
31	20	6.738	6.132	0.91	1.352	6.463	5.881	0.91	1.433	6.270	5.706	0.91	1.465	6.050	5.506	0.91	1.530
31	22	7.013	5.540	0.79	1.401	6.765	5.344	0.79	1.489	6.600	5.214	0.79	1.530	6.325	4.997	0.79	1.594
31	24	7.370	4.938	0.67	1.465	7.095	4.754	0.67	1.546	6.930	4.643	0.67	1.594	6.710	4.496	0.67	1.674
31	26	7.590	4.175	0.55	1.546	7.370	4.054	0.55	1.626	7.260	3.993	0.55	1.674	7.040	3.872	0.55	1.723
32	18	6.463	6.463	1.00	1.288	6.188	6.188	1.00	1.352	5.940	5.940	1.00	1.417	5.720	5.720	1.00	1.481
32	20	6.738	6.401	0.95	1.352	6.463	6.140	0.95	1.433	6.270	5.957	0.95	1.465	6.050	5.748	0.95	1.530
32	22	7.013	5.821	0.83	1.401	6.765	5.615	0.83	1.489	6.600	5.478	0.83	1.530	6.325	5.250	0.83	1.594
32	24	7.370	5.233	0.71	1.465	7.095	5.037	0.71	1.546	6.930	4.920	0.71	1.594	6.710	4.764	0.71	1.674
32	26	7.590	4.478	0.59	1.546	7.370	4.348	0.59	1.626	7.260	4.283	0.59	1.674	7.040	4.154	0.59	1.723

Note:

Note: Q : Capacity (W)
INPUT : Total power input (kW)

SHC : Sensible heat capacity (W)
SHF : Sensible heat factor

SHC : Sensible heat capacity (W)
SHF : Sensible heat factor

**COOLING CAPACITY
PLA-M50EA2 / SUZ-KA50VA6**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.390	3.396	0.63	1.578	4.950	3.119	0.63	1.674	4.565	2.876	0.63	1.739
21	20	5.665	2.889	0.51	1.642	5.280	2.693	0.51	1.723	4.895	2.496	0.51	1.819
22	18	5.390	3.611	0.67	1.578	4.950	3.317	0.67	1.674	4.565	3.059	0.67	1.739
22	20	5.665	3.116	0.55	1.642	5.280	2.904	0.55	1.723	4.895	2.692	0.55	1.819
22	22	5.995	2.578	0.43	1.707	5.610	2.412	0.43	1.803	5.225	2.247	0.43	1.868
23	18	5.390	3.827	0.71	1.578	4.950	3.515	0.71	1.674	4.565	3.241	0.71	1.739
23	20	5.665	3.342	0.59	1.642	5.280	3.115	0.59	1.723	4.895	2.888	0.59	1.819
23	22	5.995	2.818	0.47	1.707	5.610	2.637	0.47	1.803	5.225	2.456	0.47	1.868
24	18	5.390	4.043	0.75	1.578	4.950	3.713	0.75	1.674	4.565	3.424	0.75	1.739
24	20	5.665	3.569	0.63	1.642	5.280	3.326	0.63	1.723	4.895	3.084	0.63	1.819
24	22	5.995	3.057	0.51	1.707	5.610	2.861	0.51	1.803	5.225	2.665	0.51	1.868
24	24	6.325	2.467	0.39	1.771	5.940	2.317	0.39	1.852	5.610	2.188	0.39	1.932
25	20	5.665	3.796	0.67	1.642	5.280	3.538	0.67	1.723	4.895	3.280	0.67	1.819
25	22	5.995	3.297	0.55	1.707	5.610	3.086	0.55	1.803	5.225	2.874	0.55	1.868
25	24	6.325	2.720	0.43	1.771	5.940	2.554	0.43	1.852	5.610	2.412	0.43	1.932
26	18	5.390	4.474	0.83	1.578	4.950	4.109	0.83	1.674	4.565	3.789	0.83	1.739
26	20	5.665	4.022	0.71	1.642	5.280	3.749	0.71	1.723	4.895	3.475	0.71	1.819
26	22	5.995	3.537	0.59	1.707	5.610	3.310	0.59	1.803	5.225	3.083	0.59	1.868
26	24	6.325	2.973	0.47	1.771	5.940	2.792	0.47	1.852	5.610	2.637	0.47	1.932
26	26	6.655	2.329	0.35	1.835	6.270	2.195	0.35	1.916	5.885	2.060	0.35	1.996
27	18	5.390	4.689	0.87	1.578	4.950	4.307	0.87	1.674	4.565	3.972	0.87	1.739
27	20	5.665	4.249	0.75	1.642	5.280	3.960	0.75	1.723	4.895	3.671	0.75	1.819
27	22	5.995	3.777	0.63	1.707	5.610	3.534	0.63	1.803	5.225	3.292	0.63	1.868
27	24	6.325	3.226	0.51	1.771	5.940	3.029	0.51	1.852	5.610	2.861	0.51	1.932
27	26	6.655	2.595	0.39	1.835	6.270	2.445	0.39	1.916	5.885	2.295	0.39	1.996
28	18	5.390	4.905	0.91	1.578	4.950	4.505	0.91	1.674	4.565	4.154	0.91	1.739
28	20	5.665	4.475	0.79	1.642	5.280	4.171	0.79	1.723	4.895	3.867	0.79	1.819
28	22	5.995	4.017	0.67	1.707	5.610	3.759	0.67	1.803	5.225	3.501	0.67	1.868
28	24	6.325	3.479	0.55	1.771	5.940	3.267	0.55	1.852	5.610	3.086	0.55	1.932
28	26	6.655	2.862	0.43	1.835	6.270	2.696	0.43	1.916	5.885	2.531	0.43	1.996
29	18	5.390	5.121	0.95	1.578	4.950	4.703	0.95	1.674	4.565	4.337	0.95	1.739
29	20	5.665	4.702	0.83	1.642	5.280	4.382	0.83	1.723	4.895	4.063	0.83	1.819
29	22	5.995	4.256	0.71	1.707	5.610	3.983	0.71	1.803	5.225	3.710	0.71	1.868
29	24	6.325	3.732	0.59	1.771	5.940	3.505	0.59	1.852	5.610	3.310	0.59	1.932
29	26	6.655	3.128	0.47	1.835	6.270	2.947	0.47	1.916	5.885	2.766	0.47	1.996
30	18	5.390	5.336	0.99	1.578	4.950	4.901	0.99	1.674	4.565	4.519	0.99	1.739
30	20	5.665	4.929	0.87	1.642	5.280	4.594	0.87	1.723	4.895	4.259	0.87	1.819
30	22	5.995	4.496	0.75	1.707	5.610	4.208	0.75	1.803	5.225	3.919	0.75	1.868
30	24	6.325	3.985	0.63	1.771	5.940	3.742	0.63	1.852	5.610	3.534	0.63	1.932
30	26	6.655	3.394	0.51	1.835	6.270	3.198	0.51	1.916	5.885	3.001	0.51	1.996
31	18	5.390	5.390	1.00	1.578	4.950	4.950	1.00	1.674	4.565	4.565	1.00	1.739
31	20	5.665	5.155	0.91	1.642	5.280	4.805	0.91	1.723	4.895	4.454	0.91	1.819
31	22	5.995	4.736	0.79	1.707	5.610	4.432	0.79	1.803	5.225	4.128	0.79	1.868
31	24	6.325	4.238	0.67	1.771	5.940	3.980	0.67	1.852	5.610	3.759	0.67	1.932
31	26	6.655	3.660	0.55	1.835	6.270	3.449	0.55	1.916	5.885	3.237	0.55	1.996
32	18	5.390	5.390	1.00	1.578	4.950	4.950	1.00	1.674	4.565	4.565	1.00	1.739
32	20	5.665	5.382	0.95	1.642	5.280	5.016	0.95	1.723	4.895	4.650	0.95	1.819
32	22	5.995	4.976	0.83	1.707	5.610	4.656	0.83	1.803	5.225	4.337	0.83	1.868
32	24	6.325	4.491	0.71	1.771	5.940	4.217	0.71	1.852	5.610	3.983	0.71	1.932
32	26	6.655	3.926	0.59	1.835	6.270	3.699	0.59	1.916	5.885	3.472	0.59	1.996

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M60EA2 / SUZ-KA60VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	3.885	0.58	1.408	6.413	3.720	0.58	1.478	6.156	3.570	0.58	1.549	5.928	3.438	0.58	1.619
21	20	6.983	3.212	0.46	1.478	6.698	3.081	0.46	1.566	6.498	2.989	0.46	1.602	6.270	2.884	0.46	1.672
22	18	6.698	4.153	0.62	1.408	6.413	3.976	0.62	1.478	6.156	3.817	0.62	1.549	5.928	3.675	0.62	1.619
22	20	6.983	3.492	0.50	1.478	6.698	3.349	0.50	1.566	6.498	3.249	0.50	1.602	6.270	3.135	0.50	1.672
22	22	7.268	2.762	0.38	1.531	7.011	2.664	0.38	1.628	6.840	2.599	0.38	1.672	6.555	2.491	0.38	1.742
23	18	6.698	4.421	0.66	1.408	6.413	4.233	0.66	1.478	6.156	4.063	0.66	1.549	5.928	3.912	0.66	1.619
23	20	6.983	3.771	0.54	1.478	6.698	3.617	0.54	1.566	6.498	3.509	0.54	1.602	6.270	3.386	0.54	1.672
23	22	7.268	3.053	0.42	1.531	7.011	2.945	0.42	1.628	6.840	2.873	0.42	1.672	6.555	2.753	0.42	1.742
24	18	6.698	4.689	0.70	1.408	6.413	4.489	0.70	1.478	6.156	4.309	0.70	1.549	5.928	4.150	0.70	1.619
24	20	6.983	4.050	0.58	1.478	6.698	3.885	0.58	1.566	6.498	3.769	0.58	1.602	6.270	3.637	0.58	1.672
24	22	7.268	3.343	0.46	1.531	7.011	3.225	0.46	1.628	6.840	3.146	0.46	1.672	6.555	3.015	0.46	1.742
24	24	7.638	2.597	0.34	1.602	7.353	2.500	0.34	1.690	7.182	2.442	0.34	1.742	6.954	2.364	0.34	1.830
25	20	6.983	4.329	0.62	1.478	6.698	4.153	0.62	1.566	6.498	4.029	0.62	1.602	6.270	3.887	0.62	1.672
25	22	7.268	3.634	0.50	1.531	7.011	3.506	0.50	1.628	6.840	3.420	0.50	1.672	6.555	3.278	0.50	1.742
25	24	7.638	2.902	0.38	1.602	7.353	2.794	0.38	1.690	7.182	2.729	0.38	1.742	6.954	2.643	0.38	1.830
26	18	6.698	5.224	0.78	1.408	6.413	5.002	0.78	1.478	6.156	4.802	0.78	1.549	5.928	4.624	0.78	1.619
26	20	6.983	4.609	0.66	1.478	6.698	4.421	0.66	1.566	6.498	4.289	0.66	1.602	6.270	4.138	0.66	1.672
26	22	7.268	3.925	0.54	1.531	7.011	3.786	0.54	1.628	6.840	3.694	0.54	1.672	6.555	3.540	0.54	1.742
26	24	7.638	3.208	0.42	1.602	7.353	3.088	0.42	1.690	7.182	3.016	0.42	1.742	6.954	2.921	0.42	1.830
26	26	7.866	2.360	0.30	1.690	7.638	2.291	0.30	1.778	7.524	2.257	0.30	1.830	7.296	2.189	0.30	1.883
27	18	6.698	5.492	0.82	1.408	6.413	5.259	0.82	1.478	6.156	5.048	0.82	1.549	5.928	4.861	0.82	1.619
27	20	6.983	4.888	0.70	1.478	6.698	4.689	0.70	1.566	6.498	4.549	0.70	1.602	6.270	4.389	0.70	1.672
27	22	7.268	4.215	0.58	1.531	7.011	4.066	0.58	1.628	6.840	3.967	0.58	1.672	6.555	3.802	0.58	1.742
27	24	7.638	3.513	0.46	1.602	7.353	3.382	0.46	1.690	7.182	3.304	0.46	1.742	6.954	3.199	0.46	1.830
27	26	7.866	2.674	0.34	1.690	7.638	2.597	0.34	1.778	7.524	2.558	0.34	1.830	7.296	2.481	0.34	1.883
28	18	6.698	5.760	0.86	1.408	6.413	5.515	0.86	1.478	6.156	5.294	0.86	1.549	5.928	5.098	0.86	1.619
28	20	6.983	5.167	0.74	1.478	6.698	4.957	0.74	1.566	6.498	4.809	0.74	1.602	6.270	4.640	0.74	1.672
28	22	7.268	4.506	0.62	1.531	7.011	4.347	0.62	1.628	6.840	4.241	0.62	1.672	6.555	4.064	0.62	1.742
28	24	7.638	3.819	0.50	1.602	7.353	3.677	0.50	1.690	7.182	3.591	0.50	1.742	6.954	3.477	0.50	1.830
28	26	7.866	2.989	0.38	1.690	7.638	2.902	0.38	1.778	7.524	2.859	0.38	1.830	7.296	2.772	0.38	1.883
29	18	6.698	6.028	0.90	1.408	6.413	5.772	0.90	1.478	6.156	5.540	0.90	1.549	5.928	5.335	0.90	1.619
29	20	6.983	5.447	0.78	1.478	6.698	5.224	0.78	1.566	6.498	5.068	0.78	1.602	6.270	4.891	0.78	1.672
29	22	7.268	4.797	0.66	1.531	7.011	4.627	0.66	1.628	6.840	4.514	0.66	1.672	6.555	4.326	0.66	1.742
29	24	7.638	4.125	0.54	1.602	7.353	3.971	0.54	1.690	7.182	3.878	0.54	1.742	6.954	3.755	0.54	1.830
29	26	7.866	3.304	0.42	1.690	7.638	3.208	0.42	1.778	7.524	3.160	0.42	1.830	7.296	3.064	0.42	1.883
30	18	6.698	6.296	0.94	1.408	6.413	6.028	0.94	1.478	6.156	5.787	0.94	1.549	5.928	5.572	0.94	1.619
30	20	6.983	5.726	0.82	1.478	6.698	5.492	0.82	1.566	6.498	5.328	0.82	1.602	6.270	5.141	0.82	1.672
30	22	7.268	5.088	0.70	1.531	7.011	4.908	0.70	1.628	6.840	4.788	0.70	1.672	6.555	4.589	0.70	1.742
30	24	7.638	4.430	0.58	1.602	7.353	4.265	0.58	1.690	7.182	4.166	0.58	1.742	6.954	4.033	0.58	1.830
30	26	7.866	3.618	0.46	1.690	7.638	3.513	0.46	1.778	7.524	3.461	0.46	1.830	7.296	3.356	0.46	1.883
31	18	6.698	6.564	0.98	1.408	6.413	6.285	0.98	1.478	6.156	6.033	0.98	1.549	5.928	5.809	0.98	1.619
31	20	6.983	6.005	0.86	1.478	6.698	5.760	0.86	1.566	6.498	5.588	0.86	1.602	6.270	5.392	0.86	1.672
31	22	7.268	5.378	0.74	1.531	7.011	5.188	0.74	1.628	6.840	5.062	0.74	1.672	6.555	4.851	0.74	1.742
31	24	7.638	4.736	0.62	1.602	7.353	4.559	0.62	1.690	7.182	4.453	0.62	1.742	6.954	4.311	0.62	1.830
31	26	7.866	3.933	0.50	1.690	7.638	3.819	0.50	1.778	7.524	3.762	0.50	1.830	7.296	3.648	0.50	1.883
32	18	6.698	6.698	1.00	1.408	6.413	6.413	1.00	1.478	6.156	6.156	1.00	1.549	5.928	5.928	1.00	1.619
32	20	6.983	6.285	0.90	1.478	6.698	6.028	0.90	1.566	6.498	5.848	0.90	1.602	6.270	5.643	0.90	1.672
32	22	7.268	5.669	0.78	1.531	7.011	5.469	0.78	1.628	6.840	5.335	0.78	1.672	6.555	5.113	0.78	1.742
32	24	7.638	5.041	0.66	1.602	7.353	4.853	0.66	1.690	7.182	4.740	0.66	1.742	6.954	4.590	0.66	1.830
32	26	7.866	4.248	0.54	1.690	7.638	4.125	0.54	1.778	7.524	4.063	0.54	1.830	7.296	3.940	0.54	1.883

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M60EA2 / SUZ-KA60VA6**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	3.240	0.58	1.725	5.130	2.975	0.58	1.830	4.731	2.744	0.58	1.901
21	20	5.871	2.701	0.46	1.795	5.472	2.517	0.46	1.883	5.073	2.334	0.46	1.989
22	18	5.586	3.463	0.62	1.725	5.130	3.181	0.62	1.830	4.731	2.933	0.62	1.901
22	20	5.871	2.936	0.50	1.795	5.472	2.736	0.50	1.883	5.073	2.537	0.50	1.989
22	22	6.213	2.361	0.38	1.866	5.814	2.209	0.38	1.971	5.415	2.058	0.38	2.042
23	18	5.586	3.687	0.66	1.725	5.130	3.386	0.66	1.830	4.731	3.122	0.66	1.901
23	20	5.871	3.170	0.54	1.795	5.472	2.955	0.54	1.883	5.073	2.739	0.54	1.989
23	22	6.213	2.609	0.42	1.866	5.814	2.442	0.42	1.971	5.415	2.274	0.42	2.042
24	18	5.586	3.910	0.70	1.725	5.130	3.591	0.70	1.830	4.731	3.312	0.70	1.901
24	20	5.871	3.405	0.58	1.795	5.472	3.174	0.58	1.883	5.073	2.942	0.58	1.989
24	22	6.213	2.858	0.46	1.866	5.814	2.674	0.46	1.971	5.415	2.491	0.46	2.042
24	24	6.555	2.229	0.34	1.936	6.156	2.093	0.34	2.024	5.814	1.977	0.34	2.112
25	20	5.871	3.640	0.62	1.795	5.472	3.393	0.62	1.883	5.073	3.145	0.62	1.989
25	22	6.213	3.107	0.50	1.866	5.814	2.907	0.50	1.971	5.415	2.708	0.50	2.042
25	24	6.555	2.491	0.38	1.936	6.156	2.339	0.38	2.024	5.814	2.209	0.38	2.112
26	18	5.586	4.357	0.78	1.725	5.130	4.001	0.78	1.830	4.731	3.690	0.78	1.901
26	20	5.871	3.875	0.66	1.795	5.472	3.612	0.66	1.883	5.073	3.348	0.66	1.989
26	22	6.213	3.355	0.54	1.866	5.814	3.140	0.54	1.971	5.415	2.924	0.54	2.042
26	24	6.555	2.753	0.42	1.936	6.156	2.586	0.42	2.024	5.814	2.442	0.42	2.112
26	26	6.897	2.069	0.30	2.006	6.498	1.949	0.30	2.094	6.099	1.830	0.30	2.182
27	18	5.586	4.581	0.82	1.725	5.130	4.207	0.82	1.830	4.731	3.879	0.82	1.901
27	20	5.871	4.110	0.70	1.795	5.472	3.830	0.70	1.883	5.073	3.551	0.70	1.989
27	22	6.213	3.604	0.58	1.866	5.814	3.372	0.58	1.971	5.415	3.141	0.58	2.042
27	24	6.555	3.015	0.46	1.936	6.156	2.832	0.46	2.024	5.814	2.674	0.46	2.112
27	26	6.897	2.345	0.34	2.006	6.498	2.209	0.34	2.094	6.099	2.074	0.34	2.182
28	18	5.586	4.804	0.86	1.725	5.130	4.412	0.86	1.830	4.731	4.069	0.86	1.901
28	20	5.871	4.345	0.74	1.795	5.472	4.049	0.74	1.883	5.073	3.754	0.74	1.989
28	22	6.213	3.852	0.62	1.866	5.814	3.605	0.62	1.971	5.415	3.357	0.62	2.042
28	24	6.555	3.278	0.50	1.936	6.156	3.078	0.50	2.024	5.814	2.907	0.50	2.112
28	26	6.897	2.621	0.38	2.006	6.498	2.469	0.38	2.094	6.099	2.318	0.38	2.182
29	18	5.586	5.027	0.90	1.725	5.130	4.617	0.90	1.830	4.731	4.258	0.90	1.901
29	20	5.871	4.579	0.78	1.795	5.472	4.268	0.78	1.883	5.073	3.957	0.78	1.989
29	22	6.213	4.101	0.66	1.866	5.814	3.837	0.66	1.971	5.415	3.574	0.66	2.042
29	24	6.555	3.540	0.54	1.936	6.156	3.324	0.54	2.024	5.814	3.140	0.54	2.112
29	26	6.897	2.897	0.42	2.006	6.498	2.729	0.42	2.094	6.099	2.562	0.42	2.182
30	18	5.586	5.251	0.94	1.725	5.130	4.822	0.94	1.830	4.731	4.447	0.94	1.901
30	20	5.871	4.814	0.82	1.795	5.472	4.487	0.82	1.883	5.073	4.160	0.82	1.989
30	22	6.213	4.349	0.70	1.866	5.814	4.070	0.70	1.971	5.415	3.791	0.70	2.042
30	24	6.555	3.802	0.58	1.936	6.156	3.570	0.58	2.024	5.814	3.372	0.58	2.112
30	26	6.897	3.173	0.46	2.006	6.498	2.989	0.46	2.094	6.099	2.806	0.46	2.182
31	18	5.586	5.474	0.98	1.725	5.130	5.027	0.98	1.830	4.731	4.636	0.98	1.901
31	20	5.871	5.049	0.86	1.795	5.472	4.706	0.86	1.883	5.073	4.363	0.86	1.989
31	22	6.213	4.598	0.74	1.866	5.814	4.302	0.74	1.971	5.415	4.007	0.74	2.042
31	24	6.555	4.064	0.62	1.936	6.156	3.817	0.62	2.024	5.814	3.605	0.62	2.112
31	26	6.897	3.449	0.50	2.006	6.498	3.249	0.50	2.094	6.099	3.050	0.50	2.182
32	18	5.586	5.586	1.00	1.725	5.130	5.130	1.00	1.830	4.731	4.731	1.00	1.901
32	20	5.871	5.284	0.90	1.795	5.472	4.925	0.90	1.883	5.073	4.566	0.90	1.989
32	22	6.213	4.846	0.78	1.866	5.814	4.535	0.78	1.971	5.415	4.224	0.78	2.042
32	24	6.555	4.326	0.66	1.936	6.156	4.063	0.66	2.024	5.814	3.837	0.66	2.112
32	26	6.897	3.724	0.54	2.006	6.498	3.509	0.54	2.094	6.099	3.293	0.54	2.182

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M71EA2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.589	0.55	1.680	7.988	4.393	0.55	1.764	7.668	4.217	0.55	1.848	7.384	4.061	0.55	1.932
21	20	8.698	3.740	0.43	1.764	8.343	3.587	0.43	1.869	8.094	3.480	0.43	1.911	7.810	3.358	0.43	1.995
22	18	8.343	4.922	0.59	1.680	7.988	4.713	0.59	1.764	7.668	4.524	0.59	1.848	7.384	4.357	0.59	1.932
22	20	8.698	4.088	0.47	1.764	8.343	3.921	0.47	1.869	8.094	3.804	0.47	1.911	7.810	3.671	0.47	1.995
22	22	9.053	3.165	0.35	1.827	8.733	3.057	0.35	1.943	8.520	2.982	0.35	1.995	8.165	2.858	0.35	2.079
23	18	8.343	5.256	0.63	1.680	7.988	5.032	0.63	1.764	7.668	4.831	0.63	1.848	7.384	4.652	0.63	1.932
23	20	8.698	4.436	0.51	1.764	8.343	4.255	0.51	1.869	8.094	4.128	0.51	1.911	7.810	3.983	0.51	1.995
23	22	9.053	3.531	0.39	1.827	8.733	3.406	0.39	1.943	8.520	3.323	0.39	1.995	8.165	3.184	0.39	2.079
24	18	8.343	5.590	0.67	1.680	7.988	5.352	0.67	1.764	7.668	5.138	0.67	1.848	7.384	4.947	0.67	1.932
24	20	8.698	4.784	0.55	1.764	8.343	4.589	0.55	1.869	8.094	4.452	0.55	1.911	7.810	4.296	0.55	1.995
24	22	9.053	3.893	0.43	1.827	8.733	3.755	0.43	1.943	8.520	3.664	0.43	1.995	8.165	3.511	0.43	2.079
24	24	9.514	2.949	0.31	1.911	9.159	2.839	0.31	2.016	8.946	2.773	0.31	2.079	8.662	2.685	0.31	2.184
25	20	8.698	5.132	0.59	1.764	8.343	4.922	0.59	1.869	8.094	4.775	0.59	1.911	7.810	4.608	0.59	1.995
25	22	9.053	4.255	0.47	1.827	8.733	4.105	0.47	1.943	8.520	4.004	0.47	1.995	8.165	3.838	0.47	2.079
25	24	9.514	3.330	0.35	1.911	9.159	3.206	0.35	2.016	8.946	3.131	0.35	2.079	8.662	3.032	0.35	2.184
26	18	8.343	6.257	0.75	1.680	7.988	5.991	0.75	1.764	7.668	5.751	0.75	1.848	7.384	5.538	0.75	1.932
26	20	8.698	5.480	0.63	1.764	8.343	5.256	0.63	1.869	8.094	5.099	0.63	1.911	7.810	4.920	0.63	1.995
26	22	9.053	4.617	0.51	1.827	8.733	4.454	0.51	1.943	8.520	4.345	0.51	1.995	8.165	4.164	0.51	2.079
26	24	9.514	3.710	0.39	1.911	9.159	3.572	0.39	2.016	8.946	3.489	0.39	2.079	8.662	3.378	0.39	2.184
26	26	9.798	2.645	0.27	2.016	9.514	2.569	0.27	2.121	9.372	2.530	0.27	2.184	9.088	2.454	0.27	2.247
27	18	8.343	6.591	0.79	1.680	7.988	6.311	0.79	1.764	7.668	6.058	0.79	1.848	7.384	5.833	0.79	1.932
27	20	8.698	5.828	0.67	1.764	8.343	5.590	0.67	1.869	8.094	5.423	0.67	1.911	7.810	5.233	0.67	1.995
27	22	9.053	4.979	0.55	1.827	8.733	4.803	0.55	1.943	8.520	4.686	0.55	1.995	8.165	4.491	0.55	2.079
27	24	9.514	4.091	0.43	1.911	9.159	3.938	0.43	2.016	8.946	3.847	0.43	2.079	8.662	3.725	0.43	2.184
27	26	9.798	3.037	0.31	2.016	9.514	2.949	0.31	2.121	9.372	2.905	0.31	2.184	9.088	2.817	0.31	2.247
28	18	8.343	6.925	0.83	1.680	7.988	6.630	0.83	1.764	7.668	6.364	0.83	1.848	7.384	6.129	0.83	1.932
28	20	8.698	6.176	0.71	1.764	8.343	5.924	0.71	1.869	8.094	5.747	0.71	1.911	7.810	5.545	0.71	1.995
28	22	9.053	5.341	0.59	1.827	8.733	5.152	0.59	1.943	8.520	5.027	0.59	1.995	8.165	4.817	0.59	2.079
28	24	9.514	4.472	0.47	1.911	9.159	4.305	0.47	2.016	8.946	4.205	0.47	2.079	8.662	4.071	0.47	2.184
28	26	9.798	3.429	0.35	2.016	9.514	3.330	0.35	2.121	9.372	3.280	0.35	2.184	9.088	3.181	0.35	2.247
29	18	8.343	7.258	0.87	1.680	7.988	6.950	0.87	1.764	7.668	6.671	0.87	1.848	7.384	6.424	0.87	1.932
29	20	8.698	6.524	0.75	1.764	8.343	6.257	0.75	1.869	8.094	6.071	0.75	1.911	7.810	5.858	0.75	1.995
29	22	9.053	5.703	0.63	1.827	8.733	5.502	0.63	1.943	8.520	5.368	0.63	1.995	8.165	5.144	0.63	2.079
29	24	9.514	4.852	0.51	1.911	9.159	4.671	0.51	2.016	8.946	4.562	0.51	2.079	8.662	4.418	0.51	2.184
29	26	9.798	3.821	0.39	2.016	9.514	3.710	0.39	2.121	9.372	3.655	0.39	2.184	9.088	3.544	0.39	2.247
30	18	8.343	7.592	0.91	1.680	7.988	7.269	0.91	1.764	7.668	6.978	0.91	1.848	7.384	6.719	0.91	1.932
30	20	8.698	6.871	0.79	1.764	8.343	6.591	0.79	1.869	8.094	6.394	0.79	1.911	7.810	6.170	0.79	1.995
30	22	9.053	6.066	0.67	1.827	8.733	5.851	0.67	1.943	8.520	5.708	0.67	1.995	8.165	5.471	0.67	2.079
30	24	9.514	5.233	0.55	1.911	9.159	5.037	0.55	2.016	8.946	4.920	0.55	2.079	8.662	4.764	0.55	2.184
30	26	9.798	4.213	0.43	2.016	9.514	4.091	0.43	2.121	9.372	4.030	0.43	2.184	9.088	3.908	0.43	2.247
31	18	8.343	7.926	0.95	1.680	7.988	7.589	0.95	1.764	7.668	7.285	0.95	1.848	7.384	7.015	0.95	1.932
31	20	8.698	7.219	0.83	1.764	8.343	6.925	0.83	1.869	8.094	6.718	0.83	1.911	7.810	6.482	0.83	1.995
31	22	9.053	6.428	0.71	1.827	8.733	6.200	0.71	1.943	8.520	6.049	0.71	1.995	8.165	5.797	0.71	2.079
31	24	9.514	5.613	0.59	1.911	9.159	5.404	0.59	2.016	8.946	5.278	0.59	2.079	8.662	5.111	0.59	2.184
31	26	9.798	4.605	0.47	2.016	9.514	4.472	0.47	2.121	9.372	4.405	0.47	2.184	9.088	4.271	0.47	2.247
32	18	8.343	8.260	0.99	1.680	7.988	7.908	0.99	1.764	7.668	7.591	0.99	1.848	7.384	7.310	0.99	1.932
32	20	8.698	7.567	0.87	1.764	8.343	7.258	0.87	1.869	8.094	7.042	0.87	1.911	7.810	6.795	0.87	1.995
32	22	9.053	6.790	0.75	1.827	8.733	6.550	0.75	1.943	8.520	6.390	0.75	1.995	8.165	6.124	0.75	2.079
32	24	9.514	5.994	0.63	1.911	9.159	5.770	0.63	2.016	8.946	5.636	0.63	2.079	8.662	5.457	0.63	2.184
32	26	9.798	4.997	0.51	2.016	9.514	4.852	0.51	2.121	9.372	4.780	0.51	2.184	9.088	4.635	0.51	2.247

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M71EA2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.827	0.55	2.058	6.390	3.515	0.55	2.184	5.893	3.241	0.55	2.268
21	20	7.313	3.145	0.43	2.142	6.816	2.931	0.43	2.247	6.319	2.717	0.43	2.373
22	18	6.958	4.105	0.59	2.058	6.390	3.770	0.59	2.184	5.893	3.477	0.59	2.268
22	20	7.313	3.437	0.47	2.142	6.816	3.204	0.47	2.247	6.319	2.970	0.47	2.373
22	22	7.739	2.709	0.35	2.226	7.242	2.535	0.35	2.352	6.745	2.361	0.35	2.436
23	18	6.958	4.384	0.63	2.058	6.390	4.026	0.63	2.184	5.893	3.713	0.63	2.268
23	20	7.313	3.730	0.51	2.142	6.816	3.476	0.51	2.247	6.319	3.223	0.51	2.373
23	22	7.739	3.018	0.39	2.226	7.242	2.824	0.39	2.352	6.745	2.631	0.39	2.436
24	18	6.958	4.662	0.67	2.058	6.390	4.281	0.67	2.184	5.893	3.948	0.67	2.268
24	20	7.313	4.022	0.55	2.142	6.816	3.749	0.55	2.247	6.319	3.475	0.55	2.373
24	22	7.739	3.328	0.43	2.226	7.242	3.114	0.43	2.352	6.745	2.900	0.43	2.436
24	24	8.165	2.531	0.31	2.310	7.668	2.377	0.31	2.415	7.242	2.245	0.31	2.520
25	20	7.313	4.315	0.59	2.142	6.816	4.021	0.59	2.247	6.319	3.728	0.59	2.373
25	22	7.739	3.637	0.47	2.226	7.242	3.404	0.47	2.352	6.745	3.170	0.47	2.436
25	24	8.165	2.858	0.35	2.310	7.668	2.684	0.35	2.415	7.242	2.535	0.35	2.520
26	18	6.958	5.219	0.75	2.058	6.390	4.793	0.75	2.184	5.893	4.420	0.75	2.268
26	20	7.313	4.607	0.63	2.142	6.816	4.294	0.63	2.247	6.319	3.981	0.63	2.373
26	22	7.739	3.947	0.51	2.226	7.242	3.693	0.51	2.352	6.745	3.440	0.51	2.436
26	24	8.165	3.184	0.39	2.310	7.668	2.991	0.39	2.415	7.242	2.824	0.39	2.520
26	26	8.591	2.320	0.27	2.394	8.094	2.185	0.27	2.499	7.597	2.051	0.27	2.604
27	18	6.958	5.497	0.79	2.058	6.390	5.048	0.79	2.184	5.893	4.655	0.79	2.268
27	20	7.313	4.900	0.67	2.142	6.816	4.567	0.67	2.247	6.319	4.234	0.67	2.373
27	22	7.739	4.256	0.55	2.226	7.242	3.983	0.55	2.352	6.745	3.710	0.55	2.436
27	24	8.165	3.511	0.43	2.310	7.668	3.297	0.43	2.415	7.242	3.114	0.43	2.520
27	26	8.591	2.663	0.31	2.394	8.094	2.509	0.31	2.499	7.597	2.355	0.31	2.604
28	18	6.958	5.775	0.83	2.058	6.390	5.304	0.83	2.184	5.893	4.891	0.83	2.268
28	20	7.313	5.192	0.71	2.142	6.816	4.839	0.71	2.247	6.319	4.486	0.71	2.373
28	22	7.739	4.566	0.59	2.226	7.242	4.273	0.59	2.352	6.745	3.980	0.59	2.436
28	24	8.165	3.838	0.47	2.310	7.668	3.604	0.47	2.415	7.242	3.404	0.47	2.520
28	26	8.591	3.007	0.35	2.394	8.094	2.833	0.35	2.499	7.597	2.659	0.35	2.604
29	18	6.958	6.053	0.87	2.058	6.390	5.559	0.87	2.184	5.893	5.127	0.87	2.268
29	20	7.313	5.485	0.75	2.142	6.816	5.112	0.75	2.247	6.319	4.739	0.75	2.373
29	22	7.739	4.876	0.63	2.226	7.242	4.562	0.63	2.352	6.745	4.249	0.63	2.436
29	24	8.165	4.164	0.51	2.310	7.668	3.911	0.51	2.415	7.242	3.693	0.51	2.520
29	26	8.591	3.350	0.39	2.394	8.094	3.157	0.39	2.499	7.597	2.963	0.39	2.604
30	18	6.958	6.332	0.91	2.058	6.390	5.815	0.91	2.184	5.893	5.363	0.91	2.268
30	20	7.313	5.777	0.79	2.142	6.816	5.385	0.79	2.247	6.319	4.992	0.79	2.373
30	22	7.739	5.185	0.67	2.226	7.242	4.852	0.67	2.352	6.745	4.519	0.67	2.436
30	24	8.165	4.491	0.55	2.310	7.668	4.217	0.55	2.415	7.242	3.983	0.55	2.520
30	26	8.591	3.694	0.43	2.394	8.094	3.480	0.43	2.499	7.597	3.267	0.43	2.604
31	18	6.958	6.610	0.95	2.058	6.390	6.071	0.95	2.184	5.893	5.598	0.95	2.268
31	20	7.313	6.070	0.83	2.142	6.816	5.657	0.83	2.247	6.319	5.245	0.83	2.373
31	22	7.739	5.495	0.71	2.226	7.242	5.142	0.71	2.352	6.745	4.789	0.71	2.436
31	24	8.165	4.817	0.59	2.310	7.668	4.524	0.59	2.415	7.242	4.273	0.59	2.520
31	26	8.591	4.038	0.47	2.394	8.094	3.804	0.47	2.499	7.597	3.571	0.47	2.604
32	18	6.958	6.888	0.99	2.058	6.390	6.326	0.99	2.184	5.893	5.834	0.99	2.268
32	20	7.313	6.362	0.87	2.142	6.816	5.930	0.87	2.247	6.319	5.498	0.87	2.373
32	22	7.739	5.804	0.75	2.226	7.242	5.432	0.75	2.352	6.745	5.059	0.75	2.436
32	24	8.165	5.144	0.63	2.310	7.668	4.831	0.63	2.415	7.242	4.562	0.63	2.520
32	26	8.591	4.381	0.51	2.394	8.094	4.128	0.51	2.499	7.597	3.874	0.51	2.604

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUHZ-P100VKA PUHZ-P100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.235	0.67	2.549	9.024	6.046	0.67	2.692	8.742	5.857	0.67	2.851
20	18	9.964	5.480	0.55	2.597	9.682	5.325	0.55	2.740	9.353	5.144	0.55	2.931
20	20	10.716	4.608	0.43	2.676	10.481	4.507	0.43	2.804	10.199	4.386	0.43	2.995
22	16	9.306	6.980	0.75	2.549	9.024	6.768	0.75	2.692	8.742	6.557	0.75	2.851
22	18	9.964	6.277	0.63	2.597	9.682	6.100	0.63	2.740	9.353	5.892	0.63	2.931
22	20	10.716	5.465	0.51	2.676	10.481	5.345	0.51	2.804	10.199	5.201	0.51	2.995
24	16	9.306	7.724	0.83	2.549	9.024	7.490	0.83	2.692	8.742	7.256	0.83	2.851
24	18	9.964	7.074	0.71	2.597	9.682	6.874	0.71	2.740	9.353	6.641	0.71	2.931
24	20	10.716	6.322	0.59	2.676	10.481	6.184	0.59	2.804	10.199	6.017	0.59	2.995
24	22	11.421	5.368	0.47	2.740	11.186	5.257	0.47	2.899	10.904	5.125	0.47	3.090
26	16	9.306	8.468	0.91	2.549	9.024	8.212	0.91	2.692	8.742	7.955	0.91	2.851
26	18	9.964	7.872	0.79	2.597	9.682	7.649	0.79	2.740	9.353	7.389	0.79	2.931
26	20	10.716	7.180	0.67	2.676	10.481	7.022	0.67	2.804	10.199	6.833	0.67	2.995
26	22	11.421	6.282	0.55	2.740	11.186	6.152	0.55	2.899	10.904	5.997	0.55	3.090
27	16	9.306	8.841	0.95	2.549	9.024	8.573	0.95	2.692	8.742	8.305	0.95	2.851
27	18	9.964	8.270	0.83	2.597	9.682	8.036	0.83	2.740	9.353	7.763	0.83	2.931
27	20	10.716	7.608	0.71	2.676	10.481	7.442	0.71	2.804	10.199	7.241	0.71	2.995
27	22	11.421	6.738	0.59	2.740	11.186	6.600	0.59	2.899	10.904	6.433	0.59	3.090
28	16	9.306	9.213	0.99	2.549	9.024	8.934	0.99	2.692	8.742	8.655	0.99	2.851
28	18	9.964	8.669	0.87	2.597	9.682	8.423	0.87	2.740	9.353	8.137	0.87	2.931
28	20	10.716	8.037	0.75	2.676	10.481	7.861	0.75	2.804	10.199	7.649	0.75	2.995
28	22	11.421	7.195	0.63	2.740	11.186	7.047	0.63	2.899	10.904	6.870	0.63	3.090
30	16	9.306	9.306	1.00	2.549	9.024	9.024	1.00	2.692	8.742	8.742	1.00	2.851
30	18	9.964	9.466	0.95	2.597	9.682	9.198	0.95	2.740	9.353	8.885	0.95	2.931
30	20	10.716	8.894	0.83	2.676	10.481	8.699	0.83	2.804	10.199	8.465	0.83	2.995
30	22	11.421	8.109	0.71	2.740	11.186	7.942	0.71	2.899	10.904	7.742	0.71	3.090
32	16	9.306	9.306	1.00	2.549	9.024	9.024	1.00	2.692	8.742	8.742	1.00	2.851
32	18	9.964	9.964	1.00	2.597	9.682	9.682	1.00	2.740	9.353	9.353	1.00	2.931
32	20	10.716	9.752	0.91	2.676	10.481	9.538	0.91	2.804	10.199	9.281	0.91	2.995
32	22	11.421	9.023	0.79	2.740	11.186	8.837	0.79	2.899	10.904	8.614	0.79	3.090
34	16	9.306	9.306	1.00	2.549	9.024	9.024	1.00	2.692	8.742	8.742	1.00	2.851
34	18	9.964	9.964	1.00	2.597	9.682	9.682	1.00	2.740	9.353	9.353	1.00	2.931
34	20	10.716	10.609	0.99	2.676	10.481	10.376	0.99	2.804	10.199	10.097	0.99	2.995
34	22	11.421	9.936	0.87	2.740	11.186	9.732	0.87	2.899	10.904	9.486	0.87	3.090

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.605	0.67	3.059	7.990	5.353	0.67	3.282	7.614	5.101	0.67	3.552
20	18	9.024	4.963	0.55	3.138	8.742	4.808	0.55	3.377	8.178	4.498	0.55	3.632
20	20	9.776	4.204	0.43	3.218	9.400	4.042	0.43	3.441	8.836	3.799	0.43	3.696
22	16	8.366	6.275	0.75	3.059	7.990	5.993	0.75	3.282	7.614	5.711	0.75	3.552
22	18	9.024	5.685	0.63	3.138	8.742	5.507	0.63	3.377	8.178	5.152	0.63	3.632
22	20	9.776	4.986	0.51	3.218	9.400	4.794	0.51	3.441	8.836	4.506	0.51	3.696
24	16	8.366	6.944	0.83	3.059	7.990	6.632	0.83	3.282	7.614	6.320	0.83	3.552
24	18	9.024	6.407	0.71	3.138	8.742	6.207	0.71	3.377	8.178	5.806	0.71	3.632
24	20	9.776	5.768	0.59	3.218	9.400	5.546	0.59	3.441	8.836	5.213	0.59	3.696
24	22	10.528	4.948	0.47	3.282	10.152	4.771	0.47	3.536	9.588	4.506	0.47	3.759
26	16	8.366	7.613	0.91	3.059	7.990	7.271	0.91	3.282	7.614	6.929	0.91	3.552
26	18	9.024	7.129	0.79	3.138	8.742	6.906	0.79	3.377	8.178	6.461	0.79	3.632
26	20	9.776	6.550	0.67	3.218	9.400	6.298	0.67	3.441	8.836	5.920	0.67	3.696
26	22	10.528	5.790	0.55	3.282	10.152	5.584	0.55	3.536	9.588	5.273	0.55	3.759
27	16	8.366	7.948	0.95	3.059	7.990	7.591	0.95	3.282	7.614	7.233	0.95	3.552
27	18	9.024	7.490	0.83	3.138	8.742	7.256	0.83	3.377	8.178	6.788	0.83	3.632
27	20	9.776	6.941	0.71	3.218	9.400	6.674	0.71	3.441	8.836	6.274	0.71	3.696
27	22	10.528	6.212	0.59	3.282	10.152	5.990	0.59	3.536	9.588	5.657	0.59	3.759
28	16	8.366	8.282	0.99	3.059	7.990	7.910	0.99	3.282	7.614	7.538	0.99	3.552
28	18	9.024	7.851	0.87	3.138	8.742	7.606	0.87	3.377	8.178	7.115	0.87	3.632
28	20	9.776	7.332	0.75	3.218	9.400	7.050	0.75	3.441	8.836	6.627	0.75	3.696
28	22	10.528	6.633	0.63	3.282	10.152	6.396	0.63	3.536	9.588	6.040	0.63	3.759
30	16	8.366	8.366	1.00	3.059	7.990	7.990	1.00	3.282	7.614	7.614	1.00	3.552
30	18	9.024	8.573	0.95	3.138	8.742	8.305	0.95	3.377	8.178	7.769	0.95	3.632
30	20	9.776	8.114	0.83	3.218	9.400	7.802	0.83	3.441	8.836	7.334	0.83	3.696
30	22	10.528	7.475	0.71	3.282	10.152	7.208	0.71	3.536	9.588	6.807	0.71	3.759
32	16	8.366	8.366	1.00	3.059	7.990	7.990	1.00	3.282	7.614	7.614	1.00	3.552
32	18	9.024	9.024	1.00	3.138	8.742	8.742	1.00	3.377	8.178	8.178	1.00	3.632
32	20	9.776	8.896	0.91	3.218	9.400	8.554	0.91	3.441	8.836	8.041	0.91	3.696
32	22	10.528	8.317	0.79	3.282	10.152	8.020	0.79	3.536	9.588	7.575	0.79	3.759
34	16	8.366	8.366	1.00	3.059	7.990	7.990	1.00	3.282	7.614	7.614	1.00	3.552
34	18	9.024	9.024	1.00	3.138	8.742	8.742	1.00	3.377	8.178	8.178	1.00	3.632
34	20	9.776	9.678	0.99	3.218	9.400	9.306	0.99	3.441	8.836	8.748	0.99	3.696
34	22	10.528	9.159	0.87	3.282	10.152	8.832	0.87	3.536	9.588	8.342	0.87	3.759

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M125EA2 / PUHZ-P125VKA PUHZ-P125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.547	0.63	3.281	11.616	7.318	0.63	3.465	11.253	7.089	0.63	3.670
20	18	12.826	6.541	0.51	3.342	12.463	6.356	0.51	3.527	12.040	6.140	0.51	3.773
20	20	13.794	5.380	0.39	3.445	13.492	5.262	0.39	3.609	13.129	5.120	0.39	3.855
22	16	11.979	8.505	0.71	3.281	11.616	8.247	0.71	3.465	11.253	7.990	0.71	3.670
22	18	12.826	7.567	0.59	3.342	12.463	7.353	0.59	3.527	12.040	7.104	0.59	3.773
22	20	13.794	6.483	0.47	3.445	13.492	6.341	0.47	3.609	13.129	6.171	0.47	3.855
24	16	11.979	9.463	0.79	3.281	11.616	9.177	0.79	3.465	11.253	8.890	0.79	3.670
24	18	12.826	8.593	0.67	3.342	12.463	8.350	0.67	3.527	12.040	8.067	0.67	3.773
24	20	13.794	7.587	0.55	3.445	13.492	7.421	0.55	3.609	13.129	7.221	0.55	3.855
24	22	14.702	6.322	0.43	3.527	14.399	6.192	0.43	3.732	14.036	6.035	0.43	3.978
26	16	11.979	10.422	0.87	3.281	11.616	10.106	0.87	3.465	11.253	9.790	0.87	3.670
26	18	12.826	9.620	0.75	3.342	12.463	9.347	0.75	3.527	12.040	9.030	0.75	3.773
26	20	13.794	8.690	0.63	3.445	13.492	8.500	0.63	3.609	13.129	8.271	0.63	3.855
26	22	14.702	7.498	0.51	3.527	14.399	7.343	0.51	3.732	14.036	7.158	0.51	3.978
27	16	11.979	10.901	0.91	3.281	11.616	10.571	0.91	3.465	11.253	10.240	0.91	3.670
27	18	12.826	10.133	0.79	3.342	12.463	9.846	0.79	3.527	12.040	9.512	0.79	3.773
27	20	13.794	9.242	0.67	3.445	13.492	9.040	0.67	3.609	13.129	8.796	0.67	3.855
27	22	14.702	8.086	0.55	3.527	14.399	7.919	0.55	3.732	14.036	7.720	0.55	3.978
28	16	11.979	11.380	0.95	3.281	11.616	11.035	0.95	3.465	11.253	10.690	0.95	3.670
28	18	12.826	10.646	0.83	3.342	12.463	10.344	0.83	3.527	12.040	9.993	0.83	3.773
28	20	13.794	9.794	0.71	3.445	13.492	9.579	0.71	3.609	13.129	9.322	0.71	3.855
28	22	14.702	8.674	0.59	3.527	14.399	8.495	0.59	3.732	14.036	8.281	0.59	3.978
30	16	11.979	11.979	1.00	3.281	11.616	11.616	1.00	3.465	11.253	11.253	1.00	3.670
30	18	12.826	11.672	0.91	3.342	12.463	11.341	0.91	3.527	12.040	10.956	0.91	3.773
30	20	13.794	10.897	0.79	3.445	13.492	10.659	0.79	3.609	13.129	10.372	0.79	3.855
30	22	14.702	9.850	0.67	3.527	14.399	9.647	0.67	3.732	14.036	9.404	0.67	3.978
32	16	11.979	11.979	1.00	3.281	11.616	11.616	1.00	3.465	11.253	11.253	1.00	3.670
32	18	12.826	12.698	0.99	3.342	12.463	12.338	0.99	3.527	12.040	11.920	0.99	3.773
32	20	13.794	12.001	0.87	3.445	13.492	11.738	0.87	3.609	13.129	11.422	0.87	3.855
32	22	14.702	11.027	0.75	3.527	14.399	10.799	0.75	3.732	14.036	10.527	0.75	3.978
34	16	11.979	11.979	1.00	3.281	11.616	11.616	1.00	3.465	11.253	11.253	1.00	3.670
34	18	12.826	12.826	1.00	3.342	12.463	12.463	1.00	3.527	12.040	12.040	1.00	3.773
34	20	13.794	13.104	0.95	3.445	13.492	12.817	0.95	3.609	13.129	12.473	0.95	3.855
34	22	14.702	12.203	0.83	3.527	14.399	11.951	0.83	3.732	14.036	11.650	0.83	3.978

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.784	0.63	3.937	10.285	6.480	0.63	4.224	9.801	6.175	0.63	4.573
20	18	11.616	5.924	0.51	4.039	11.253	5.739	0.51	4.347	10.527	5.369	0.51	4.675
20	20	12.584	4.908	0.39	4.142	12.100	4.719	0.39	4.429	11.374	4.436	0.39	4.757
22	16	10.769	7.646	0.71	3.937	10.285	7.302	0.71	4.224	9.801	6.959	0.71	4.573
22	18	11.616	6.853	0.59	4.039	11.253	6.639	0.59	4.347	10.527	6.211	0.59	4.675
22	20	12.584	5.914	0.47	4.142	12.100	5.687	0.47	4.429	11.374	5.346	0.47	4.757
24	16	10.769	8.508	0.79	3.937	10.285	8.125	0.79	4.224	9.801	7.743	0.79	4.573
24	18	11.616	7.783	0.67	4.039	11.253	7.540	0.67	4.347	10.527	7.053	0.67	4.675
24	20	12.584	6.921	0.55	4.142	12.100	6.655	0.55	4.429	11.374	6.256	0.55	4.757
24	22	13.552	5.827	0.43	4.224	13.068	5.619	0.43	4.552	12.342	5.307	0.43	4.839
26	16	10.769	9.369	0.87	3.937	10.285	8.948	0.87	4.224	9.801	8.527	0.87	4.573
26	18	11.616	8.712	0.75	4.039	11.253	8.440	0.75	4.347	10.527	7.895	0.75	4.675
26	20	12.584	7.928	0.63	4.142	12.100	7.623	0.63	4.429	11.374	7.166	0.63	4.757
26	22	13.552	6.912	0.51	4.224	13.068	6.665	0.51	4.552	12.342	6.294	0.51	4.839
27	16	10.769	9.800	0.91	3.937	10.285	9.359	0.91	4.224	9.801	8.919	0.91	4.573
27	18	11.616	9.177	0.79	4.039	11.253	8.890	0.79	4.347	10.527	8.316	0.79	4.675
27	20	12.584	8.431	0.67	4.142	12.100	8.107	0.67	4.429	11.374	7.621	0.67	4.757
27	22	13.552	7.454	0.55	4.224	13.068	7.187	0.55	4.552	12.342	6.788	0.55	4.839
28	16	10.769	10.231	0.95	3.937	10.285	9.771	0.95	4.224	9.801	9.311	0.95	4.573
28	18	11.616	9.641	0.83	4.039	11.253	9.340	0.83	4.347	10.527	8.737	0.83	4.675
28	20	12.584	8.935	0.71	4.142	12.100	8.591	0.71	4.429	11.374	8.076	0.71	4.757
28	22	13.552	7.996	0.59	4.224	13.068	7.710	0.59	4.552	12.342	7.282	0.59	4.839
30	16	10.769	10.769	1.00	3.937	10.285	10.285	1.00	4.224	9.801	9.801	1.00	4.573
30	18	11.616	10.571	0.91	4.039	11.253	10.240	0.91	4.347	10.527	9.580	0.91	4.675
30	20	12.584	9.941	0.79	4.142	12.100	9.559	0.79	4.429	11.374	8.985	0.79	4.757
30	22	13.552	9.080	0.67	4.224	13.068	8.756	0.67	4.552	12.342	8.269	0.67	4.839
32	16	10.769	10.769	1.00	3.937	10.285	10.285	1.00	4.224	9.801	9.801	1.00	4.573
32	18	11.616	11.500	0.99	4.039	11.253	11.140	0.99	4.347	10.527	10.422	0.99	4.675
32	20	12.584	10.948	0.87	4.142	12.100	10.527	0.87	4.429	11.374	9.895	0.87	4.757
32	22	13.552	10.164	0.75	4.224	13.068	9.801	0.75	4.552	12.342	9.257	0.75	4.839
34	16	10.769	10.769	1.00	3.937	10.285	10.285	1.00	4.224	9.801	9.801	1.00	4.573
34	18	11.616	11.616	1.00	4.039	11.253	11.253	1.00	4.347	10.527	10.527	1.00	4.675
34	20	12.584	11.955	0.95	4.142	12.100	11.495	0.95	4.429	11.374	10.805	0.95	4.757
34	22	13.552	11.248	0.83	4.224	13.068	10.846	0.83	4.552	12.342	10.244	0.83	4.839

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M140EA2 / PUHZ-P140VKA PUHZ-P140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.078	0.60	4.334	13.056	7.834	0.60	4.578	12.648	7.589	0.60	4.849
20	18	14.416	6.920	0.48	4.416	14.008	6.724	0.48	4.659	13.532	6.495	0.48	4.985
20	20	15.504	5.581	0.36	4.551	15.164	5.459	0.36	4.768	14.756	5.312	0.36	5.093
22	16	13.464	9.156	0.68	4.334	13.056	8.878	0.68	4.578	12.648	8.601	0.68	4.849
22	18	14.416	8.073	0.56	4.416	14.008	7.844	0.56	4.659	13.532	7.578	0.56	4.985
22	20	15.504	6.822	0.44	4.551	15.164	6.672	0.44	4.768	14.756	6.493	0.44	5.093
24	16	13.464	10.233	0.76	4.334	13.056	9.923	0.76	4.578	12.648	9.612	0.76	4.849
24	18	14.416	9.226	0.64	4.416	14.008	8.965	0.64	4.659	13.532	8.660	0.64	4.985
24	20	15.504	8.062	0.52	4.551	15.164	7.885	0.52	4.768	14.756	7.673	0.52	5.093
24	22	16.524	6.610	0.40	4.659	16.184	6.474	0.40	4.930	15.776	6.310	0.40	5.255
26	16	13.464	11.310	0.84	4.334	13.056	10.967	0.84	4.578	12.648	10.624	0.84	4.849
26	18	14.416	10.380	0.72	4.416	14.008	10.086	0.72	4.659	13.532	9.743	0.72	4.985
26	20	15.504	9.302	0.60	4.551	15.164	9.098	0.60	4.768	14.756	8.854	0.60	5.093
26	22	16.524	7.932	0.48	4.659	16.184	7.768	0.48	4.930	15.776	7.572	0.48	5.255
27	16	13.464	11.848	0.88	4.334	13.056	11.489	0.88	4.578	12.648	11.130	0.88	4.849
27	18	14.416	10.956	0.76	4.416	14.008	10.646	0.76	4.659	13.532	10.284	0.76	4.985
27	20	15.504	9.923	0.64	4.551	15.164	9.705	0.64	4.768	14.756	9.444	0.64	5.093
27	22	16.524	8.592	0.52	4.659	16.184	8.416	0.52	4.930	15.776	8.204	0.52	5.255
28	16	13.464	12.387	0.92	4.334	13.056	12.012	0.92	4.578	12.648	11.636	0.92	4.849
28	18	14.416	11.533	0.80	4.416	14.008	11.206	0.80	4.659	13.532	10.826	0.80	4.985
28	20	15.504	10.543	0.68	4.551	15.164	10.312	0.68	4.768	14.756	10.034	0.68	5.093
28	22	16.524	9.253	0.56	4.659	16.184	9.063	0.56	4.930	15.776	8.835	0.56	5.255
30	16	13.464	13.464	1.00	4.334	13.056	13.056	1.00	4.578	12.648	12.648	1.00	4.849
30	18	14.416	12.686	0.88	4.416	14.008	12.327	0.88	4.659	13.532	11.908	0.88	4.985
30	20	15.504	11.783	0.76	4.551	15.164	11.525	0.76	4.768	14.756	11.215	0.76	5.093
30	22	16.524	10.575	0.64	4.659	16.184	10.358	0.64	4.930	15.776	10.097	0.64	5.255
32	16	13.464	13.464	1.00	4.334	13.056	13.056	1.00	4.578	12.648	12.648	1.00	4.849
32	18	14.416	13.839	0.96	4.416	14.008	13.448	0.96	4.659	13.532	12.991	0.96	4.985
32	20	15.504	13.023	0.84	4.551	15.164	12.738	0.84	4.768	14.756	12.395	0.84	5.093
32	22	16.524	11.897	0.72	4.659	16.184	11.652	0.72	4.930	15.776	11.359	0.72	5.255
34	16	13.464	13.464	1.00	4.334	13.056	13.056	1.00	4.578	12.648	12.648	1.00	4.849
34	18	14.416	14.416	1.00	4.416	14.008	14.008	1.00	4.659	13.532	13.532	1.00	4.985
34	20	15.504	14.264	0.92	4.551	15.164	13.951	0.92	4.768	14.756	13.576	0.92	5.093
34	22	16.524	13.219	0.80	4.659	16.184	12.947	0.80	4.930	15.776	12.621	0.80	5.255

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.262	0.60	5.201	11.560	6.936	0.60	5.581	11.016	6.610	0.60	6.041
20	18	13.056	6.267	0.48	5.337	12.648	6.071	0.48	5.743	11.832	5.679	0.48	6.177
20	20	14.144	5.092	0.36	5.472	13.600	4.896	0.36	5.851	12.784	4.602	0.36	6.285
22	16	12.104	8.231	0.68	5.201	11.560	7.861	0.68	5.581	11.016	7.491	0.68	6.041
22	18	13.056	7.311	0.56	5.337	12.648	7.083	0.56	5.743	11.832	6.626	0.56	6.177
22	20	14.144	6.223	0.44	5.472	13.600	5.984	0.44	5.851	12.784	5.625	0.44	6.285
24	16	12.104	9.199	0.76	5.201	11.560	8.786	0.76	5.581	11.016	8.372	0.76	6.041
24	18	13.056	8.356	0.64	5.337	12.648	8.095	0.64	5.743	11.832	7.572	0.64	6.177
24	20	14.144	7.355	0.52	5.472	13.600	7.072	0.52	5.851	12.784	6.648	0.52	6.285
24	22	15.232	6.093	0.40	5.581	14.688	5.875	0.40	6.014	13.872	5.549	0.40	6.393
26	16	12.104	10.167	0.84	5.201	11.560	9.710	0.84	5.581	11.016	9.253	0.84	6.041
26	18	13.056	9.400	0.72	5.337	12.648	9.107	0.72	5.743	11.832	8.519	0.72	6.177
26	20	14.144	8.486	0.60	5.472	13.600	8.160	0.60	5.851	12.784	7.670	0.60	6.285
26	22	15.232	7.311	0.48	5.581	14.688	7.050	0.48	6.014	13.872	6.659	0.48	6.393
27	16	12.104	10.652	0.88	5.201	11.560	10.173	0.88	5.581	11.016	9.694	0.88	6.041
27	18	13.056	9.923	0.76	5.337	12.648	9.612	0.76	5.743	11.832	8.992	0.76	6.177
27	20	14.144	9.052	0.64	5.472	13.600	8.704	0.64	5.851	12.784	8.182	0.64	6.285
27	22	15.232	7.921	0.52	5.581	14.688	7.638	0.52	6.014	13.872	7.213	0.52	6.393
28	16	12.104	11.136	0.92	5.201	11.560	10.635	0.92	5.581	11.016	10.135	0.92	6.041
28	18	13.056	10.445	0.80	5.337	12.648	10.118	0.80	5.743	11.832	9.466	0.80	6.177
28	20	14.144	9.618	0.68	5.472	13.600	9.248	0.68	5.851	12.784	8.693	0.68	6.285
28	22	15.232	8.530	0.56	5.581	14.688	8.225	0.56	6.014	13.872	7.768	0.56	6.393
30	16	12.104	12.104	1.00	5.201	11.560	11.560	1.00	5.581	11.016	11.016	1.00	6.041
30	18	13.056	11.489	0.88	5.337	12.648	11.130	0.88	5.743	11.832	10.412	0.88	6.177
30	20	14.144	10.749	0.76	5.472	13.600	10.336	0.76	5.851	12.784	9.716	0.76	6.285
30	22	15.232	9.748	0.64	5.581	14.688	9.400	0.64	6.014	13.872	8.878	0.64	6.393
32	16	12.104	12.104	1.00	5.201	11.560	11.560	1.00	5.581	11.016	11.016	1.00	6.041
32	18	13.056	12.534	0.96	5.337	12.648	12.142	0.96	5.743	11.832	11.359	0.96	6.177
32	20	14.144	11.881	0.84	5.472	13.600	11.424	0.84	5.851	12.784	10.739	0.84	6.285
32	22	15.232	10.967	0.72	5.581	14.688	10.575	0.72	6.014	13.872	9.988	0.72	6.393
34	16	12.104	12.104	1.00	5.201	11.560	11.560	1.00	5.581	11.016	11.016	1.00	6.041
34	18	13.056	13.056	1.00	5.337	12.648	12.648	1.00	5.743	11.832	11.832	1.00	6.177
34	20	14.144	13.012	0.92	5.472	13.600	12.512	0.92	5.851	12.784	11.761	0.92	6.285
34	22	15.232	12.186	0.80	5.581	14.688	11.750	0.80	6.014	13.872	11.098	0.80	6.393

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

5.Eco Inverter SERIES

**COOLING CAPACITY
PLA-SM71EA2 / SUZ-SA71VA3**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.922	0.59	1.780	7.988	4.713	0.59	1.869	7.668	4.524	0.59	1.958	7.384	4.357	0.59	2.047
21	20	8.698	4.088	0.47	1.869	8.343	3.921	0.47	1.980	8.094	3.804	0.47	2.025	7.810	3.671	0.47	2.114
22	18	8.343	5.256	0.63	1.780	7.988	5.032	0.63	1.869	7.668	4.831	0.63	1.958	7.384	4.652	0.63	2.047
22	20	8.698	4.436	0.51	1.869	8.343	4.255	0.51	1.980	8.094	4.128	0.51	2.025	7.810	3.983	0.51	2.114
22	22	9.053	3.531	0.39	1.936	8.733	3.406	0.39	2.058	8.520	3.323	0.39	2.114	8.165	3.184	0.39	2.203
23	18	8.343	5.590	0.67	1.780	7.988	5.352	0.67	1.869	7.668	5.138	0.67	1.958	7.384	4.947	0.67	2.047
23	20	8.698	4.784	0.55	1.869	8.343	4.589	0.55	1.980	8.094	4.452	0.55	2.025	7.810	4.296	0.55	2.114
23	22	9.053	3.893	0.43	1.936	8.733	3.755	0.43	2.058	8.520	3.664	0.43	2.114	8.165	3.511	0.43	2.203
24	18	8.343	5.924	0.71	1.780	7.988	5.671	0.71	1.869	7.668	5.444	0.71	1.958	7.384	5.243	0.71	2.047
24	20	8.698	5.132	0.59	1.869	8.343	4.922	0.59	1.980	8.094	4.775	0.59	2.025	7.810	4.608	0.59	2.114
24	22	9.053	4.255	0.47	1.936	8.733	4.105	0.47	2.058	8.520	4.004	0.47	2.114	8.165	3.838	0.47	2.203
24	24	9.514	3.330	0.35	2.025	9.159	3.206	0.35	2.136	8.946	3.131	0.35	2.203	8.662	3.032	0.35	2.314
25	20	8.698	5.480	0.63	1.869	8.343	5.256	0.63	1.980	8.094	5.099	0.63	2.025	7.810	4.920	0.63	2.114
25	22	9.053	4.617	0.51	1.936	8.733	4.454	0.51	2.058	8.520	4.345	0.51	2.114	8.165	4.164	0.51	2.203
25	24	9.514	3.710	0.39	2.025	9.159	3.572	0.39	2.136	8.946	3.489	0.39	2.203	8.662	3.378	0.39	2.314
26	18	8.343	6.591	0.79	1.780	7.988	6.311	0.79	1.869	7.668	6.058	0.79	1.958	7.384	5.833	0.79	2.047
26	20	8.698	5.828	0.67	1.869	8.343	5.590	0.67	1.980	8.094	5.423	0.67	2.025	7.810	5.233	0.67	2.114
26	22	9.053	4.979	0.55	1.936	8.733	4.803	0.55	2.058	8.520	4.686	0.55	2.114	8.165	4.491	0.55	2.203
26	24	9.514	4.091	0.43	2.025	9.159	3.938	0.43	2.136	8.946	3.847	0.43	2.203	8.662	3.725	0.43	2.314
26	26	9.798	3.037	0.31	2.136	9.514	2.949	0.31	2.247	9.372	2.905	0.31	2.314	9.088	2.817	0.31	2.381
27	18	8.343	6.925	0.83	1.780	7.988	6.630	0.83	1.869	7.668	6.364	0.83	1.958	7.384	6.129	0.83	2.047
27	20	8.698	6.176	0.71	1.869	8.343	5.924	0.71	1.980	8.094	5.747	0.71	2.025	7.810	5.545	0.71	2.114
27	22	9.053	5.341	0.59	1.936	8.733	5.125	0.59	2.058	8.520	5.027	0.59	2.114	8.165	4.817	0.59	2.203
27	24	9.514	4.472	0.47	2.025	9.159	4.305	0.47	2.136	8.946	4.205	0.47	2.203	8.662	4.071	0.47	2.314
27	26	9.798	3.429	0.35	2.136	9.514	3.330	0.35	2.247	9.372	3.280	0.35	2.314	9.088	3.181	0.35	2.381
28	18	8.343	7.258	0.87	1.780	7.988	6.950	0.87	1.869	7.668	6.671	0.87	1.958	7.384	6.424	0.87	2.047
28	20	8.698	6.524	0.75	1.869	8.343	6.257	0.75	1.980	8.094	6.071	0.75	2.025	7.810	5.858	0.75	2.114
28	22	9.053	5.703	0.63	1.936	8.733	5.502	0.63	2.058	8.520	5.368	0.63	2.114	8.165	5.144	0.63	2.203
28	24	9.514	4.852	0.51	2.025	9.159	4.671	0.51	2.136	8.946	4.562	0.51	2.203	8.662	4.418	0.51	2.314
28	26	9.798	3.821	0.39	2.136	9.514	3.710	0.39	2.247	9.372	3.655	0.39	2.314	9.088	3.544	0.39	2.381
29	18	8.343	7.592	0.91	1.780	7.988	7.269	0.91	1.869	7.668	6.978	0.91	1.958	7.384	6.719	0.91	2.047
29	20	8.698	6.871	0.79	1.869	8.343	6.591	0.79	1.980	8.094	6.394	0.79	2.025	7.810	6.170	0.79	2.114
29	22	9.053	6.066	0.67	1.936	8.733	5.851	0.67	2.058	8.520	5.708	0.67	2.114	8.165	5.471	0.67	2.203
29	24	9.514	5.233	0.55	2.025	9.159	5.037	0.55	2.136	8.946	4.920	0.55	2.203	8.662	4.764	0.55	2.314
29	26	9.798	4.213	0.43	2.136	9.514	4.091	0.43	2.247	9.372	4.030	0.43	2.314	9.088	3.908	0.43	2.381
30	18	8.343	7.926	0.95	1.780	7.988	7.589	0.95	1.869	7.668	7.285	0.95	1.958	7.384	7.015	0.95	2.047
30	20	8.698	7.219	0.83	1.869	8.343	6.925	0.83	1.980	8.094	6.718	0.83	2.025	7.810	6.482	0.83	2.114
30	22	9.053	6.428	0.71	1.936	8.733	6.200	0.71	2.058	8.520	6.049	0.71	2.114	8.165	5.797	0.71	2.203
30	24	9.514	5.613	0.59	2.025	9.159	5.404	0.59	2.136	8.946	5.278	0.59	2.203	8.662	5.111	0.59	2.314
30	26	9.798	4.605	0.47	2.136	9.514	4.472	0.47	2.247	9.372	4.405	0.47	2.314	9.088	4.271	0.47	2.381
31	18	8.343	8.260	0.99	1.780	7.988	7.908	0.99	1.869	7.668	7.591	0.99	1.958	7.384	7.310	0.99	2.047
31	20	8.698	7.567	0.87	1.869	8.343	7.258	0.87	1.980	8.094	7.042	0.87	2.025	7.810	6.795	0.87	2.114
31	22	9.053	6.790	0.75	1.936	8.733	6.550	0.75	2.058	8.520	6.390	0.75	2.114	8.165	6.124	0.75	2.203
31	24	9.514	5.994	0.63	2.025	9.159	5.770	0.63	2.136	8.946	5.636	0.63	2.203	8.662	5.457	0.63	2.314
31	26	9.798	4.997	0.51	2.136	9.514	4.852	0.51	2.247	9.372	4.780	0.51	2.314	9.088	4.635	0.51	2.381
32	18	8.343	8.343	1.00	1.780	7.988	7.988	1.00	1.869	7.668	7.668	1.00	1.958	7.384	7.384	1.00	2.047
32	20	8.698	7.915	0.91	1.869	8.343	7.592	0.91	1.980	8.094	7.366	0.91	2.025	7.810	7.107	0.91	2.114
32	22	9.053	7.152	0.79	1.936	8.733	6.899	0.79	2.058	8.520	6.731	0.79	2.114	8.165	6.450	0.79	2.203
32	24	9.514	6.374	0.67	2.025	9.159	6.137	0.67	2.136	8.946	5.994	0.67	2.203	8.662	5.804	0.67	2.314
32	26	9.798	5.389	0.55	2.136	9.514	5.233	0.55	2.247	9.372	5.155	0.55	2.314	9.088	4.998	0.55	2.381

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM71EA2 / SUZ-SA71VA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.105	0.59	2.181	6.390	3.770	0.59	2.314	5.893	3.477	0.59	2.403
21	20	7.313	3.437	0.47	2.270	6.816	3.204	0.47	2.381	6.319	2.970	0.47	2.514
22	18	6.958	4.384	0.63	2.181	6.390	4.026	0.63	2.314	5.893	3.713	0.63	2.403
22	20	7.313	3.730	0.51	2.270	6.816	3.476	0.51	2.381	6.319	3.223	0.51	2.514
22	22	7.739	3.018	0.39	2.359	7.242	2.824	0.39	2.492	6.745	2.631	0.39	2.581
23	18	6.958	4.662	0.67	2.181	6.390	4.281	0.67	2.314	5.893	3.948	0.67	2.403
23	20	7.313	4.022	0.55	2.270	6.816	3.749	0.55	2.381	6.319	3.475	0.55	2.514
23	22	7.739	3.328	0.43	2.359	7.242	3.114	0.43	2.492	6.745	2.900	0.43	2.581
24	18	6.958	4.940	0.71	2.181	6.390	4.537	0.71	2.314	5.893	4.184	0.71	2.403
24	20	7.313	4.315	0.59	2.270	6.816	4.021	0.59	2.381	6.319	3.728	0.59	2.514
24	22	7.739	3.637	0.47	2.359	7.242	3.404	0.47	2.492	6.745	3.170	0.47	2.581
24	24	8.165	2.858	0.35	2.448	7.668	2.684	0.35	2.559	7.242	2.535	0.35	2.670
25	18	7.313	4.607	0.63	2.270	6.816	4.294	0.63	2.381	6.319	3.981	0.63	2.514
25	20	7.739	3.947	0.51	2.359	7.242	3.693	0.51	2.492	6.745	3.440	0.51	2.581
25	22	8.165	3.184	0.39	2.448	7.668	2.991	0.39	2.559	7.242	2.824	0.39	2.670
26	18	6.958	5.497	0.79	2.181	6.390	5.048	0.79	2.314	5.893	4.655	0.79	2.403
26	20	7.313	4.900	0.67	2.270	6.816	4.567	0.67	2.381	6.319	4.234	0.67	2.514
26	22	7.739	4.256	0.55	2.359	7.242	3.983	0.55	2.492	6.745	3.710	0.55	2.581
26	24	8.165	3.511	0.43	2.448	7.668	3.297	0.43	2.559	7.242	3.114	0.43	2.670
26	26	8.591	2.663	0.31	2.537	8.094	2.509	0.31	2.648	7.597	2.355	0.31	2.759
27	18	6.958	5.775	0.83	2.181	6.390	5.304	0.83	2.314	5.893	4.891	0.83	2.403
27	20	7.313	5.192	0.71	2.270	6.816	4.839	0.71	2.381	6.319	4.486	0.71	2.514
27	22	7.739	4.566	0.59	2.359	7.242	4.273	0.59	2.492	6.745	3.980	0.59	2.581
27	24	8.165	3.838	0.47	2.448	7.668	3.604	0.47	2.559	7.242	3.404	0.47	2.670
27	26	8.591	3.007	0.35	2.537	8.094	2.833	0.35	2.648	7.597	2.659	0.35	2.759
28	18	6.958	6.053	0.87	2.181	6.390	5.559	0.87	2.314	5.893	5.127	0.87	2.403
28	20	7.313	5.485	0.75	2.270	6.816	5.112	0.75	2.381	6.319	4.739	0.75	2.514
28	22	7.739	4.876	0.63	2.359	7.242	4.562	0.63	2.492	6.745	4.249	0.63	2.581
28	24	8.165	4.164	0.51	2.448	7.668	3.911	0.51	2.559	7.242	3.693	0.51	2.670
28	26	8.591	3.350	0.39	2.537	8.094	3.157	0.39	2.648	7.597	2.963	0.39	2.759
29	18	6.958	6.332	0.91	2.181	6.390	5.815	0.91	2.314	5.893	5.363	0.91	2.403
29	20	7.313	5.777	0.79	2.270	6.816	5.385	0.79	2.381	6.319	4.992	0.79	2.514
29	22	7.739	5.185	0.67	2.359	7.242	4.852	0.67	2.492	6.745	4.519	0.67	2.581
29	24	8.165	4.491	0.55	2.448	7.668	4.217	0.55	2.559	7.242	3.983	0.55	2.670
29	26	8.591	3.694	0.43	2.537	8.094	3.480	0.43	2.648	7.597	3.267	0.43	2.759
30	18	6.958	6.610	0.95	2.181	6.390	6.071	0.95	2.314	5.893	5.598	0.95	2.403
30	20	7.313	6.070	0.83	2.270	6.816	5.657	0.83	2.381	6.319	5.245	0.83	2.514
30	22	7.739	5.495	0.71	2.359	7.242	5.142	0.71	2.492	6.745	4.789	0.71	2.581
30	24	8.165	4.817	0.59	2.448	7.668	4.524	0.59	2.559	7.242	4.273	0.59	2.670
30	26	8.591	4.038	0.47	2.537	8.094	3.804	0.47	2.648	7.597	3.571	0.47	2.759
31	18	6.958	6.888	0.99	2.181	6.390	6.326	0.99	2.314	5.893	5.834	0.99	2.403
31	20	7.313	6.362	0.87	2.270	6.816	5.930	0.87	2.381	6.319	5.498	0.87	2.514
31	22	7.739	5.804	0.75	2.359	7.242	5.432	0.75	2.492	6.745	5.059	0.75	2.581
31	24	8.165	5.144	0.63	2.448	7.668	4.831	0.63	2.559	7.242	4.562	0.63	2.670
31	26	8.591	4.381	0.51	2.537	8.094	4.128	0.51	2.648	7.597	3.874	0.51	2.759
32	18	6.958	6.958	1.00	2.181	6.390	6.390	1.00	2.314	5.893	5.893	1.00	2.403
32	20	7.313	6.655	0.91	2.270	6.816	6.203	0.91	2.381	6.319	5.750	0.91	2.514
32	22	7.739	6.114	0.79	2.359	7.242	5.721	0.79	2.492	6.745	5.329	0.79	2.581
32	24	8.165	5.471	0.67	2.448	7.668	5.138	0.67	2.559	7.242	4.852	0.67	2.670
32	26	8.591	4.725	0.55	2.537	8.094	4.452	0.55	2.648	7.597	4.178	0.55	2.759

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM100EA2 / SUZ-SA100VA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	11.045	7.290	0.66	2.498	10.575	6.980	0.66	2.622	10.152	6.700	0.66	2.747	9.776	6.452	0.66	2.872
21	20	11.515	6.218	0.54	2.622	11.045	5.964	0.54	2.779	10.716	5.787	0.54	2.841	10.340	5.584	0.54	2.966
22	18	11.045	7.732	0.70	2.498	10.575	7.403	0.70	2.622	10.152	7.106	0.70	2.747	9.776	6.843	0.70	2.872
22	20	11.515	6.679	0.58	2.622	11.045	6.406	0.58	2.779	10.716	6.215	0.58	2.841	10.340	5.997	0.58	2.966
22	22	11.985	5.513	0.46	2.716	11.562	5.319	0.46	2.888	11.280	5.189	0.46	2.966	10.810	4.973	0.46	3.091
23	18	11.045	8.173	0.74	2.498	10.575	7.826	0.74	2.622	10.152	7.512	0.74	2.747	9.776	7.234	0.74	2.872
23	20	11.515	7.139	0.62	2.622	11.045	6.848	0.62	2.779	10.716	6.644	0.62	2.841	10.340	6.411	0.62	2.966
23	22	11.985	5.993	0.50	2.716	11.562	5.781	0.50	2.888	11.280	5.640	0.50	2.966	10.810	5.405	0.50	3.091
24	18	11.045	8.615	0.78	2.498	10.575	8.249	0.78	2.622	10.152	7.919	0.78	2.747	9.776	7.625	0.78	2.872
24	20	11.515	7.600	0.66	2.622	11.045	7.290	0.66	2.779	10.716	7.073	0.66	2.841	10.340	6.824	0.66	2.966
24	22	11.985	6.472	0.54	2.716	11.562	6.243	0.54	2.888	11.280	6.091	0.54	2.966	10.810	5.837	0.54	3.091
24	24	12.596	5.290	0.42	2.841	12.126	5.093	0.42	2.997	11.844	4.974	0.42	3.091	11.468	4.817	0.42	3.247
25	20	11.515	8.061	0.70	2.622	11.045	7.732	0.70	2.779	10.716	7.501	0.70	2.841	10.340	7.238	0.70	2.966
25	22	11.985	6.951	0.58	2.716	11.562	6.706	0.58	2.888	11.280	6.542	0.58	2.966	10.810	6.270	0.58	3.091
25	24	12.596	5.794	0.46	2.841	12.126	5.578	0.46	2.997	11.844	5.448	0.46	3.091	11.468	5.275	0.46	3.247
26	18	11.045	9.499	0.86	2.498	10.575	9.095	0.86	2.622	10.152	8.731	0.86	2.747	9.776	8.407	0.86	2.872
26	20	11.515	8.521	0.74	2.622	11.045	8.173	0.74	2.779	10.716	7.930	0.74	2.841	10.340	7.652	0.74	2.966
26	22	11.985	7.431	0.62	2.716	11.562	7.168	0.62	2.888	11.280	6.994	0.62	2.966	10.810	6.702	0.62	3.091
26	24	12.596	6.298	0.50	2.841	12.126	6.063	0.50	2.997	11.844	5.922	0.50	3.091	11.468	5.734	0.50	3.247
26	26	12.972	4.929	0.38	2.997	12.596	4.786	0.38	3.153	12.408	4.715	0.38	3.247	12.032	4.572	0.38	3.341
27	18	11.045	9.941	0.90	2.498	10.575	9.518	0.90	2.622	10.152	9.137	0.90	2.747	9.776	8.798	0.90	2.872
27	20	11.515	8.982	0.78	2.622	11.045	8.615	0.78	2.779	10.716	8.358	0.78	2.841	10.340	8.065	0.78	2.966
27	22	11.985	7.910	0.66	2.716	11.562	7.631	0.66	2.888	11.280	7.445	0.66	2.966	10.810	7.135	0.66	3.091
27	24	12.596	6.802	0.54	2.841	12.126	6.548	0.54	2.997	11.844	6.396	0.54	3.091	11.468	6.193	0.54	3.247
27	26	12.972	5.448	0.42	2.997	12.596	5.290	0.42	3.153	12.408	5.211	0.42	3.247	12.032	5.053	0.42	3.341
28	18	11.045	10.382	0.94	2.498	10.575	9.941	0.94	2.622	10.152	9.543	0.94	2.747	9.776	9.189	0.94	2.872
28	20	11.515	9.442	0.82	2.622	11.045	9.057	0.82	2.779	10.716	8.787	0.82	2.841	10.340	8.479	0.82	2.966
28	22	11.985	8.390	0.70	2.716	11.562	8.093	0.70	2.888	11.280	7.896	0.70	2.966	10.810	7.567	0.70	3.091
28	24	12.596	7.306	0.58	2.841	12.126	7.033	0.58	2.997	11.844	6.870	0.58	3.091	11.468	6.651	0.58	3.247
28	26	12.972	5.967	0.46	2.997	12.596	5.794	0.46	3.153	12.408	5.708	0.46	3.247	12.032	5.535	0.46	3.341
29	18	11.045	10.824	0.98	2.498	10.575	10.364	0.98	2.622	10.152	9.949	0.98	2.747	9.776	9.580	0.98	2.872
29	20	11.515	9.903	0.86	2.622	11.045	9.499	0.86	2.779	10.716	9.216	0.86	2.841	10.340	8.892	0.86	2.966
29	22	11.985	8.869	0.74	2.716	11.562	8.556	0.74	2.888	11.280	8.347	0.74	2.966	10.810	7.999	0.74	3.091
29	24	12.596	7.810	0.62	2.841	12.126	7.518	0.62	2.997	11.844	7.343	0.62	3.091	11.468	7.110	0.62	3.247
29	26	12.972	6.486	0.50	2.997	12.596	6.298	0.50	3.153	12.408	6.204	0.50	3.247	12.032	6.016	0.50	3.341
30	18	11.045	11.045	1.00	2.498	10.575	10.575	1.00	2.622	10.152	10.152	1.00	2.747	9.776	9.776	1.00	2.872
30	20	11.515	10.364	0.90	2.622	11.045	9.941	0.90	2.779	10.716	9.644	0.90	2.841	10.340	9.306	0.90	2.966
30	22	11.985	9.348	0.78	2.716	11.562	9.018	0.78	2.888	11.280	8.798	0.78	2.966	10.810	8.432	0.78	3.091
30	24	12.596	8.313	0.66	2.841	12.126	8.003	0.66	2.997	11.844	7.817	0.66	3.091	11.468	7.569	0.66	3.247
30	26	12.972	7.005	0.54	2.997	12.596	6.802	0.54	3.153	12.408	6.700	0.54	3.247	12.032	6.497	0.54	3.341
31	18	11.045	11.045	1.00	2.498	10.575	10.575	1.00	2.622	10.152	10.152	1.00	2.747	9.776	9.776	1.00	2.872
31	20	11.515	10.824	0.94	2.622	11.045	10.382	0.94	2.779	10.716	10.073	0.94	2.841	10.340	9.720	0.94	2.966
31	22	11.985	9.828	0.82	2.716	11.562	9.481	0.82	2.888	11.280	9.250	0.82	2.966	10.810	8.864	0.82	3.091
31	24	12.596	8.817	0.70	2.841	12.126	8.488	0.70	2.997	11.844	8.291	0.70	3.091	11.468	8.028	0.70	3.247
31	26	12.972	7.524	0.58	2.997	12.596	7.306	0.58	3.153	12.408	7.197	0.58	3.247	12.032	6.979	0.58	3.341
32	18	11.045	11.045	1.00	2.498	10.575	10.575	1.00	2.622	10.152	10.152	1.00	2.747	9.776	9.776	1.00	2.872
32	20	11.515	11.285	0.98	2.622	11.045	10.824	0.98	2.779	10.716	10.502	0.98	2.841	10.340	10.133	0.98	2.966
32	22	11.985	10.307	0.86	2.716	11.562	9.943	0.86	2.888	11.280	9.701	0.86	2.966	10.810	9.297	0.86	3.091
32	24	12.596	9.321	0.74	2.841	12.126	8.973	0.74	2.997	11.844	8.765	0.74	3.091	11.468	8.486	0.74	3.247
32	26	12.972	8.043	0.62	2.997	12.596	7.810	0.62	3.153	12.408	7.693	0.62	3.247	12.032	7.460	0.62	3.341

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM100EA2 / SUZ-SA100VA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	9.212	6.080	0.66	3.060	8.460	5.584	0.66	3.247	7.802	5.149	0.66	3.372
21	20	9.682	5.228	0.54	3.184	9.024	4.873	0.54	3.341	8.366	4.518	0.54	3.528
22	18	9.212	6.448	0.70	3.060	8.460	5.922	0.70	3.247	7.802	5.461	0.70	3.372
22	20	9.682	5.616	0.58	3.184	9.024	5.234	0.58	3.341	8.366	4.852	0.58	3.528
22	22	10.246	4.713	0.46	3.309	9.588	4.410	0.46	3.497	8.930	4.108	0.46	3.622
23	18	9.212	6.817	0.74	3.060	8.460	6.260	0.74	3.247	7.802	5.773	0.74	3.372
23	20	9.682	6.003	0.62	3.184	9.024	5.595	0.62	3.341	8.366	5.187	0.62	3.528
23	22	10.246	5.123	0.50	3.309	9.588	4.794	0.50	3.497	8.930	4.465	0.50	3.622
24	18	9.212	7.185	0.78	3.060	8.460	6.599	0.78	3.247	7.802	6.086	0.78	3.372
24	20	9.682	6.390	0.66	3.184	9.024	5.956	0.66	3.341	8.366	5.522	0.66	3.528
24	22	10.246	5.533	0.54	3.309	9.588	5.178	0.54	3.497	8.930	4.822	0.54	3.622
24	24	10.810	4.540	0.42	3.434	10.152	4.264	0.42	3.590	9.588	4.027	0.42	3.746
25	18	9.682	6.777	0.70	3.184	9.024	6.317	0.70	3.341	8.366	5.856	0.70	3.528
25	20	10.246	5.943	0.58	3.309	9.588	5.561	0.58	3.497	8.930	5.179	0.58	3.622
25	22	10.810	4.973	0.46	3.434	10.152	4.670	0.46	3.590	9.588	4.410	0.46	3.746
26	18	9.212	7.922	0.86	3.060	8.460	7.276	0.86	3.247	7.802	6.710	0.86	3.372
26	20	9.682	7.165	0.74	3.184	9.024	6.678	0.74	3.341	8.366	6.191	0.74	3.528
26	22	10.246	6.353	0.62	3.309	9.588	5.945	0.62	3.497	8.930	5.537	0.62	3.622
26	24	10.810	5.405	0.50	3.434	10.152	5.076	0.50	3.590	9.588	4.794	0.50	3.746
26	26	11.374	4.322	0.38	3.559	10.716	4.072	0.38	3.715	10.058	3.822	0.38	3.871
27	18	9.212	8.291	0.90	3.060	8.460	7.614	0.90	3.247	7.802	7.022	0.90	3.372
27	20	9.682	7.552	0.78	3.184	9.024	7.039	0.78	3.341	8.366	6.525	0.78	3.528
27	22	10.246	6.762	0.66	3.309	9.588	6.328	0.66	3.497	8.930	5.894	0.66	3.622
27	24	10.810	5.837	0.54	3.434	10.152	5.482	0.54	3.590	9.588	5.178	0.54	3.746
27	26	11.374	4.777	0.42	3.559	10.716	4.501	0.42	3.715	10.058	4.224	0.42	3.871
28	18	9.212	8.659	0.94	3.060	8.460	7.952	0.94	3.247	7.802	7.334	0.94	3.372
28	20	9.682	7.939	0.82	3.184	9.024	7.400	0.82	3.341	8.366	6.860	0.82	3.528
28	22	10.246	7.172	0.70	3.309	9.588	6.712	0.70	3.497	8.930	6.251	0.70	3.622
28	24	10.810	6.270	0.58	3.434	10.152	5.888	0.58	3.590	9.588	5.561	0.58	3.746
28	26	11.374	5.232	0.46	3.559	10.716	4.929	0.46	3.715	10.058	4.627	0.46	3.871
29	18	9.212	9.028	0.98	3.060	8.460	8.291	0.98	3.247	7.802	7.646	0.98	3.372
29	20	9.682	8.327	0.86	3.184	9.024	7.761	0.86	3.341	8.366	7.195	0.86	3.528
29	22	10.246	7.582	0.74	3.309	9.588	7.095	0.74	3.497	8.930	6.608	0.74	3.622
29	24	10.810	6.702	0.62	3.434	10.152	6.294	0.62	3.590	9.588	5.945	0.62	3.746
29	26	11.374	5.687	0.50	3.559	10.716	5.358	0.50	3.715	10.058	5.029	0.50	3.871
30	18	9.212	9.212	1.00	3.060	8.460	8.460	1.00	3.247	7.802	7.802	1.00	3.372
30	20	9.682	8.714	0.90	3.184	9.024	8.122	0.90	3.341	8.366	7.529	0.90	3.528
30	22	10.246	7.992	0.78	3.309	9.588	7.479	0.78	3.497	8.930	6.965	0.78	3.622
30	24	10.810	7.135	0.66	3.434	10.152	6.700	0.66	3.590	9.588	6.328	0.66	3.746
30	26	11.374	6.142	0.54	3.559	10.716	5.787	0.54	3.715	10.058	5.431	0.54	3.871
31	18	9.212	9.212	1.00	3.060	8.460	8.460	1.00	3.247	7.802	7.802	1.00	3.372
31	20	9.682	9.101	0.94	3.184	9.024	8.483	0.94	3.341	8.366	7.864	0.94	3.528
31	22	10.246	8.402	0.82	3.309	9.588	7.862	0.82	3.497	8.930	7.323	0.82	3.622
31	24	10.810	7.567	0.70	3.434	10.152	7.106	0.70	3.590	9.588	6.712	0.70	3.746
31	26	11.374	6.597	0.58	3.559	10.716	6.215	0.58	3.715	10.058	5.834	0.58	3.871
32	18	9.212	9.212	1.00	3.060	8.460	8.460	1.00	3.247	7.802	7.802	1.00	3.372
32	20	9.682	9.488	0.98	3.184	9.024	8.844	0.98	3.341	8.366	8.199	0.98	3.528
32	22	10.246	8.812	0.86	3.309	9.588	8.246	0.86	3.497	8.930	7.680	0.86	3.622
32	24	10.810	7.999	0.74	3.434	10.152	7.512	0.74	3.590	9.588	7.095	0.74	3.746
32	26	11.374	7.052	0.62	3.559	10.716	6.644	0.62	3.715	10.058	6.236	0.62	3.871

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM100EA2 / PUHZ-SP100YKA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.235	0.67	2.638	9.024	6.046	0.67	2.787	8.742	5.857	0.67	2.952
20	18	9.964	5.480	0.55	2.688	9.682	5.325	0.55	2.836	9.353	5.144	0.55	3.034
20	20	10.716	4.608	0.43	2.770	10.481	4.507	0.43	2.902	10.199	4.386	0.43	3.100
22	16	9.306	6.980	0.75	2.638	9.024	6.768	0.75	2.787	8.742	6.557	0.75	2.952
22	18	9.964	6.277	0.63	2.688	9.682	6.100	0.63	2.836	9.353	5.892	0.63	3.034
22	20	10.716	5.465	0.51	2.770	10.481	5.345	0.51	2.902	10.199	5.201	0.51	3.100
24	16	9.306	7.724	0.83	2.638	9.024	7.490	0.83	2.787	8.742	7.256	0.83	2.952
24	18	9.964	7.074	0.71	2.688	9.682	6.874	0.71	2.836	9.353	6.641	0.71	3.034
24	20	10.716	6.322	0.59	2.770	10.481	6.184	0.59	2.902	10.199	6.017	0.59	3.100
24	22	11.421	5.368	0.47	2.836	11.186	5.257	0.47	3.001	10.904	5.125	0.47	3.199
26	16	9.306	8.468	0.91	2.638	9.024	8.212	0.91	2.787	8.742	7.955	0.91	2.952
26	18	9.964	7.872	0.79	2.688	9.682	7.649	0.79	2.836	9.353	7.389	0.79	3.034
26	20	10.716	7.180	0.67	2.770	10.481	7.022	0.67	2.902	10.199	6.833	0.67	3.100
26	22	11.421	6.282	0.55	2.836	11.186	6.152	0.55	3.001	10.904	5.997	0.55	3.199
27	16	9.306	8.841	0.95	2.638	9.024	8.573	0.95	2.787	8.742	8.305	0.95	2.952
27	18	9.964	8.270	0.83	2.688	9.682	8.036	0.83	2.836	9.353	7.763	0.83	3.034
27	20	10.716	7.608	0.71	2.770	10.481	7.442	0.71	2.902	10.199	7.241	0.71	3.100
27	22	11.421	6.738	0.59	2.836	11.186	6.600	0.59	3.001	10.904	6.433	0.59	3.199
28	16	9.306	9.213	0.99	2.638	9.024	8.934	0.99	2.787	8.742	8.655	0.99	2.952
28	18	9.964	8.669	0.87	2.688	9.682	8.423	0.87	2.836	9.353	8.137	0.87	3.034
28	20	10.716	8.037	0.75	2.770	10.481	7.861	0.75	2.902	10.199	7.649	0.75	3.100
28	22	11.421	7.195	0.63	2.836	11.186	7.047	0.63	3.001	10.904	6.870	0.63	3.199
30	16	9.306	9.306	1.00	2.638	9.024	9.024	1.00	2.787	8.742	8.742	1.00	2.952
30	18	9.964	9.466	0.95	2.688	9.682	9.198	0.95	2.836	9.353	8.885	0.95	3.034
30	20	10.716	8.894	0.83	2.770	10.481	8.699	0.83	2.902	10.199	8.465	0.83	3.100
30	22	11.421	8.109	0.71	2.836	11.186	7.942	0.71	3.001	10.904	7.742	0.71	3.199
32	16	9.306	9.306	1.00	2.638	9.024	9.024	1.00	2.787	8.742	8.742	1.00	2.952
32	18	9.964	9.964	1.00	2.688	9.682	9.682	1.00	2.836	9.353	9.353	1.00	3.034
32	20	10.716	9.752	0.91	2.770	10.481	9.538	0.91	2.902	10.199	9.281	0.91	3.100
32	22	11.421	9.023	0.79	2.836	11.186	8.837	0.79	3.001	10.904	8.614	0.79	3.199
34	16	9.306	9.306	1.00	2.638	9.024	9.024	1.00	2.787	8.742	8.742	1.00	2.952
34	18	9.964	9.964	1.00	2.688	9.682	9.682	1.00	2.836	9.353	9.353	1.00	3.034
34	20	10.716	10.609	0.99	2.770	10.481	10.376	0.99	2.902	10.199	10.097	0.99	3.100
34	22	11.421	9.936	0.87	2.836	11.186	9.732	0.87	3.001	10.904	9.486	0.87	3.199

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.605	0.67	3.166	7.990	5.353	0.67	3.397	7.614	5.101	0.67	3.677
20	18	9.024	4.963	0.55	3.249	8.742	4.808	0.55	3.496	8.178	4.498	0.55	3.760
20	20	9.776	4.204	0.43	3.331	9.400	4.042	0.43	3.562	8.836	3.799	0.43	3.826
22	16	8.366	6.275	0.75	3.166	7.990	5.993	0.75	3.397	7.614	5.711	0.75	3.677
22	18	9.024	5.685	0.63	3.249	8.742	5.507	0.63	3.496	8.178	5.152	0.63	3.760
22	20	9.776	4.986	0.51	3.331	9.400	4.794	0.51	3.562	8.836	4.506	0.51	3.826
24	16	8.366	6.944	0.83	3.166	7.990	6.632	0.83	3.397	7.614	6.320	0.83	3.677
24	18	9.024	6.407	0.71	3.249	8.742	6.207	0.71	3.496	8.178	5.806	0.71	3.760
24	20	9.776	5.768	0.59	3.331	9.400	5.546	0.59	3.562	8.836	5.213	0.59	3.826
24	22	10.528	4.948	0.47	3.397	10.152	4.771	0.47	3.661	9.588	4.506	0.47	3.892
26	16	8.366	7.613	0.91	3.166	7.990	7.271	0.91	3.397	7.614	6.929	0.91	3.677
26	18	9.024	7.129	0.79	3.249	8.742	6.906	0.79	3.496	8.178	6.461	0.79	3.760
26	20	9.776	6.550	0.67	3.331	9.400	6.298	0.67	3.562	8.836	5.920	0.67	3.826
26	22	10.528	5.790	0.55	3.397	10.152	5.584	0.55	3.661	9.588	5.273	0.55	3.892
27	16	8.366	7.948	0.95	3.166	7.990	7.591	0.95	3.397	7.614	7.233	0.95	3.677
27	18	9.024	7.490	0.83	3.249	8.742	7.256	0.83	3.496	8.178	6.788	0.83	3.760
27	20	9.776	6.941	0.71	3.331	9.400	6.674	0.71	3.562	8.836	6.274	0.71	3.826
27	22	10.528	6.212	0.59	3.397	10.152	5.990	0.59	3.661	9.588	5.657	0.59	3.892
28	16	8.366	8.282	0.99	3.166	7.990	7.910	0.99	3.397	7.614	7.538	0.99	3.677
28	18	9.024	7.851	0.87	3.249	8.742	7.606	0.87	3.496	8.178	7.115	0.87	3.760
28	20	9.776	7.332	0.75	3.331	9.400	7.050	0.75	3.562	8.836	6.627	0.75	3.826
28	22	10.528	6.633	0.63	3.397	10.152	6.396	0.63	3.661	9.588	6.040	0.63	3.892
30	16	8.366	8.366	1.00	3.166	7.990	7.990	1.00	3.397	7.614	7.614	1.00	3.677
30	18	9.024	8.573	0.95	3.249	8.742	8.305	0.95	3.496	8.178	7.769	0.95	3.760
30	20	9.776	8.114	0.83	3.331	9.400	7.802	0.83	3.562	8.836	7.334	0.83	3.826
30	22	10.528	7.475	0.71	3.397	10.152	7.208	0.71	3.661	9.588	6.807	0.71	3.892
32	16	8.366	8.366	1.00	3.166	7.990	7.990	1.00	3.397	7.614	7.614	1.00	3.677
32	18	9.024	9.024	1.00	3.249	8.742	8.742	1.00	3.496	8.178	8.178	1.00	3.760
32	20	9.776	8.896	0.91	3.331	9.400	8.554	0.91	3.562	8.836	8.041	0.91	3.826
32	22	10.528	8.317	0.79	3.397	10.152	8.020	0.79	3.661	9.588	7.575	0.79	3.892
34	16	8.366	8.366	1.00	3.166	7.990	7.990	1.00	3.397	7.614	7.614	1.00	3.677
34	18	9.024	9.024	1.00	3.249	8.742	8.742	1.00	3.496	8.178	8.178	1.00	3.760
34	20	9.776	9.678	0.99	3.331	9.400	9.306	0.99	3.562	8.836	8.748	0.99	3.826
34	22	10.528	9.159	0.87	3.397	10.152	8.832	0.87	3.661	9.588	8.342	0.87	3.892

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM125EA2 / PUHZ-SP125VKA PUHZ-SP125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.547	0.63	3.396	11.616	7.318	0.63	3.587	11.253	7.089	0.63	3.799
20	18	12.826	6.541	0.51	3.460	12.463	6.356	0.51	3.651	12.040	6.140	0.51	3.905
20	20	13.794	5.380	0.39	3.566	13.492	5.262	0.39	3.736	13.129	5.120	0.39	3.990
22	16	11.979	8.505	0.71	3.396	11.616	8.247	0.71	3.587	11.253	7.990	0.71	3.799
22	18	12.826	7.567	0.59	3.460	12.463	7.353	0.59	3.651	12.040	7.104	0.59	3.905
22	20	13.794	6.483	0.47	3.566	13.492	6.341	0.47	3.736	13.129	6.171	0.47	3.990
24	16	11.979	9.463	0.79	3.396	11.616	9.177	0.79	3.587	11.253	8.890	0.79	3.799
24	18	12.826	8.593	0.67	3.460	12.463	8.350	0.67	3.651	12.040	8.067	0.67	3.905
24	20	13.794	7.587	0.55	3.566	13.492	7.421	0.55	3.736	13.129	7.221	0.55	3.990
24	22	14.702	6.322	0.43	3.651	14.399	6.192	0.43	3.863	14.036	6.035	0.43	4.118
26	16	11.979	10.422	0.87	3.396	11.616	10.106	0.87	3.587	11.253	9.790	0.87	3.799
26	18	12.826	9.620	0.75	3.460	12.463	9.347	0.75	3.651	12.040	9.030	0.75	3.905
26	20	13.794	8.690	0.63	3.566	13.492	8.500	0.63	3.736	13.129	8.271	0.63	3.990
26	22	14.702	7.498	0.51	3.651	14.399	7.343	0.51	3.863	14.036	7.158	0.51	4.118
27	16	11.979	10.901	0.91	3.396	11.616	10.571	0.91	3.587	11.253	10.240	0.91	3.799
27	18	12.826	10.133	0.79	3.460	12.463	9.846	0.79	3.651	12.040	9.512	0.79	3.905
27	20	13.794	9.242	0.67	3.566	13.492	9.040	0.67	3.736	13.129	8.796	0.67	3.990
27	22	14.702	8.086	0.55	3.651	14.399	7.919	0.55	3.863	14.036	7.720	0.55	4.118
28	16	11.979	11.380	0.95	3.396	11.616	11.035	0.95	3.587	11.253	10.690	0.95	3.799
28	18	12.826	10.646	0.83	3.460	12.463	10.344	0.83	3.651	12.040	9.993	0.83	3.905
28	20	13.794	9.794	0.71	3.566	13.492	9.579	0.71	3.736	13.129	9.322	0.71	3.990
28	22	14.702	8.674	0.59	3.651	14.399	8.495	0.59	3.863	14.036	8.281	0.59	4.118
30	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
30	18	12.826	11.672	0.91	3.460	12.463	11.341	0.91	3.651	12.040	10.956	0.91	3.905
30	20	13.794	10.897	0.79	3.566	13.492	10.659	0.79	3.736	13.129	10.372	0.79	3.990
30	22	14.702	9.850	0.67	3.651	14.399	9.647	0.67	3.863	14.036	9.404	0.67	4.118
32	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
32	18	12.826	12.698	0.99	3.460	12.463	12.338	0.99	3.651	12.040	11.920	0.99	3.905
32	20	13.794	12.001	0.87	3.566	13.492	11.738	0.87	3.736	13.129	11.422	0.87	3.990
32	22	14.702	11.027	0.75	3.651	14.399	10.799	0.75	3.863	14.036	10.527	0.75	4.118
34	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
34	18	12.826	12.826	1.00	3.460	12.463	12.463	1.00	3.651	12.040	12.040	1.00	3.905
34	20	13.794	13.104	0.95	3.566	13.492	12.817	0.95	3.736	13.129	12.473	0.95	3.990
34	22	14.702	12.203	0.83	3.651	14.399	11.951	0.83	3.863	14.036	11.650	0.83	4.118

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.784	0.63	4.075	10.285	6.480	0.63	4.372	9.801	6.175	0.63	4.733
20	18	11.616	5.924	0.51	4.181	11.253	5.739	0.51	4.500	10.527	5.369	0.51	4.839
20	20	12.584	4.908	0.39	4.287	12.100	4.719	0.39	4.585	11.374	4.436	0.39	4.924
22	16	10.769	7.646	0.71	4.075	10.285	7.302	0.71	4.372	9.801	6.959	0.71	4.733
22	18	11.616	6.853	0.59	4.181	11.253	6.639	0.59	4.500	10.527	6.211	0.59	4.839
22	20	12.584	5.914	0.47	4.287	12.100	5.687	0.47	4.585	11.374	5.346	0.47	4.924
24	16	10.769	8.508	0.79	4.075	10.285	8.125	0.79	4.372	9.801	7.743	0.79	4.733
24	18	11.616	7.783	0.67	4.181	11.253	7.540	0.67	4.500	10.527	7.053	0.67	4.839
24	20	12.584	6.921	0.55	4.287	12.100	6.655	0.55	4.585	11.374	6.256	0.55	4.924
24	22	13.552	5.827	0.43	4.372	13.068	5.619	0.43	4.712	12.342	5.307	0.43	5.009
26	16	10.769	9.369	0.87	4.075	10.285	8.948	0.87	4.372	9.801	8.527	0.87	4.733
26	18	11.616	8.712	0.75	4.181	11.253	8.440	0.75	4.500	10.527	7.895	0.75	4.839
26	20	12.584	7.928	0.63	4.287	12.100	7.623	0.63	4.585	11.374	7.166	0.63	4.924
26	22	13.552	6.912	0.51	4.372	13.068	6.665	0.51	4.712	12.342	6.294	0.51	5.009
27	16	10.769	9.800	0.91	4.075	10.285	9.359	0.91	4.372	9.801	8.919	0.91	4.733
27	18	11.616	9.177	0.79	4.181	11.253	8.890	0.79	4.500	10.527	8.316	0.79	4.839
27	20	12.584	8.431	0.67	4.287	12.100	8.107	0.67	4.585	11.374	7.621	0.67	4.924
27	22	13.552	7.454	0.55	4.372	13.068	7.187	0.55	4.712	12.342	6.788	0.55	5.009
28	16	10.769	10.231	0.95	4.075	10.285	9.771	0.95	4.372	9.801	9.311	0.95	4.733
28	18	11.616	9.641	0.83	4.181	11.253	9.340	0.83	4.500	10.527	8.737	0.83	4.839
28	20	12.584	8.935	0.71	4.287	12.100	8.591	0.71	4.585	11.374	8.076	0.71	4.924
28	22	13.552	7.996	0.59	4.372	13.068	7.710	0.59	4.712	12.342	7.282	0.59	5.009
30	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
30	18	11.616	10.571	0.91	4.181	11.253	10.240	0.91	4.500	10.527	9.580	0.91	4.839
30	20	12.584	9.941	0.79	4.287	12.100	9.559	0.79	4.585	11.374	8.985	0.79	4.924
30	22	13.552	9.080	0.67	4.372	13.068	8.756	0.67	4.712	12.342	8.269	0.67	5.009
32	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
32	18	11.616	11.500	0.99	4.181	11.253	11.140	0.99	4.500	10.527	10.422	0.99	4.839
32	20	12.584	10.948	0.87	4.287	12.100	10.527	0.87	4.585	11.374	9.895	0.87	4.924
32	22	13.552	10.164	0.75	4.372	13.068	9.801	0.75	4.712	12.342	9.257	0.75	5.009
34	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
34	18	11.616	11.616	1.00	4.181	11.253	11.253	1.00	4.500	10.527	10.527	1.00	4.839
34	20	12.584	11.955	0.95	4.287	12.100	11.495	0.95	4.585	11.374	10.805	0.95	4.924
34	22	13.552	11.248	0.83	4.372	13.068	10.846	0.83	4.712	12.342	10.244	0.83	5.009

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM140EA2 / PUHZ-SP140VKA PUHZ-SP140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.078	0.60	4.514	13.056	7.834	0.60	4.768	12.648	7.589	0.60	5.050
20	18	14.416	6.920	0.48	4.599	14.008	6.724	0.48	4.853	13.532	6.495	0.48	5.192
20	20	15.504	5.581	0.36	4.740	15.164	5.459	0.36	4.966	14.756	5.312	0.36	5.304
22	16	13.464	9.156	0.68	4.514	13.056	8.878	0.68	4.768	12.648	8.601	0.68	5.050
22	18	14.416	8.073	0.56	4.599	14.008	7.844	0.56	4.853	13.532	7.578	0.56	5.192
22	20	15.504	6.822	0.44	4.740	15.164	6.672	0.44	4.966	14.756	6.493	0.44	5.304
24	16	13.464	10.233	0.76	4.514	13.056	9.923	0.76	4.768	12.648	9.612	0.76	5.050
24	18	14.416	9.226	0.64	4.599	14.008	8.965	0.64	4.853	13.532	8.660	0.64	5.192
24	20	15.504	8.062	0.52	4.740	15.164	7.885	0.52	4.966	14.756	7.673	0.52	5.304
24	22	16.524	6.610	0.40	4.853	16.184	6.474	0.40	5.135	15.776	6.310	0.40	5.474
26	16	13.464	11.310	0.84	4.514	13.056	10.967	0.84	4.768	12.648	10.624	0.84	5.050
26	18	14.416	10.380	0.72	4.599	14.008	10.086	0.72	4.853	13.532	9.743	0.72	5.192
26	20	15.504	9.302	0.60	4.740	15.164	9.098	0.60	4.966	14.756	8.854	0.60	5.304
26	22	16.524	7.932	0.48	4.853	16.184	7.768	0.48	5.135	15.776	7.572	0.48	5.474
27	16	13.464	11.848	0.88	4.514	13.056	11.489	0.88	4.768	12.648	11.130	0.88	5.050
27	18	14.416	10.956	0.76	4.599	14.008	10.646	0.76	4.853	13.532	10.284	0.76	5.192
27	20	15.504	9.923	0.64	4.740	15.164	9.705	0.64	4.966	14.756	9.444	0.64	5.304
27	22	16.524	8.592	0.52	4.853	16.184	8.416	0.52	5.135	15.776	8.204	0.52	5.474
28	16	13.464	12.387	0.92	4.514	13.056	12.012	0.92	4.768	12.648	11.636	0.92	5.050
28	18	14.416	11.533	0.80	4.599	14.008	11.206	0.80	4.853	13.532	10.826	0.80	5.192
28	20	15.504	10.543	0.68	4.740	15.164	10.312	0.68	4.966	14.756	10.034	0.68	5.304
28	22	16.524	9.253	0.56	4.853	16.184	9.063	0.56	5.135	15.776	8.835	0.56	5.474
30	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
30	18	14.416	12.686	0.88	4.599	14.008	12.327	0.88	4.853	13.532	11.908	0.88	5.192
30	20	15.504	11.783	0.76	4.740	15.164	11.525	0.76	4.966	14.756	11.215	0.76	5.304
30	22	16.524	10.575	0.64	4.853	16.184	10.358	0.64	5.135	15.776	10.097	0.64	5.474
32	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
32	18	14.416	13.839	0.96	4.599	14.008	13.448	0.96	4.853	13.532	12.991	0.96	5.192
32	20	15.504	13.023	0.84	4.740	15.164	12.738	0.84	4.966	14.756	12.395	0.84	5.304
32	22	16.524	11.897	0.72	4.853	16.184	11.652	0.72	5.135	15.776	11.359	0.72	5.474
34	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
34	18	14.416	14.416	1.00	4.599	14.008	14.008	1.00	4.853	13.532	13.532	1.00	5.192
34	20	15.504	14.264	0.92	4.740	15.164	13.951	0.92	4.966	14.756	13.576	0.92	5.304
34	22	16.524	13.219	0.80	4.853	16.184	12.947	0.80	5.135	15.776	12.621	0.80	5.474

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.262	0.60	5.417	11.560	6.936	0.60	5.812	11.016	6.610	0.60	6.292
20	18	13.056	6.267	0.48	5.558	12.648	6.071	0.48	5.982	11.832	5.679	0.48	6.433
20	20	14.144	5.092	0.36	5.699	13.600	4.896	0.36	6.094	12.784	4.602	0.36	6.546
22	16	12.104	8.231	0.68	5.417	11.560	7.861	0.68	5.812	11.016	7.491	0.68	6.292
22	18	13.056	7.311	0.56	5.558	12.648	7.083	0.56	5.982	11.832	6.626	0.56	6.433
22	20	14.144	6.223	0.44	5.699	13.600	5.984	0.44	6.094	12.784	5.625	0.44	6.546
24	16	12.104	9.199	0.76	5.417	11.560	8.786	0.76	5.812	11.016	8.372	0.76	6.292
24	18	13.056	8.356	0.64	5.558	12.648	8.095	0.64	5.982	11.832	7.572	0.64	6.433
24	20	14.144	7.355	0.52	5.699	13.600	7.072	0.52	6.094	12.784	6.648	0.52	6.546
24	22	15.232	6.093	0.40	5.812	14.688	5.875	0.40	6.264	13.872	5.549	0.40	6.659
26	16	12.104	10.167	0.84	5.417	11.560	9.710	0.84	5.812	11.016	9.253	0.84	6.292
26	18	13.056	9.400	0.72	5.558	12.648	9.107	0.72	5.982	11.832	8.519	0.72	6.433
26	20	14.144	8.486	0.60	5.699	13.600	8.160	0.60	6.094	12.784	7.670	0.60	6.546
26	22	15.232	7.311	0.48	5.812	14.688	7.050	0.48	6.264	13.872	6.659	0.48	6.659
27	16	12.104	10.652	0.88	5.417	11.560	10.173	0.88	5.812	11.016	9.694	0.88	6.292
27	18	13.056	9.923	0.76	5.558	12.648	9.612	0.76	5.982	11.832	8.992	0.76	6.433
27	20	14.144	9.052	0.64	5.699	13.600	8.704	0.64	6.094	12.784	8.182	0.64	6.546
27	22	15.232	7.921	0.52	5.812	14.688	7.638	0.52	6.264	13.872	7.213	0.52	6.659
28	16	12.104	11.136	0.92	5.417	11.560	10.635	0.92	5.812	11.016	10.135	0.92	6.292
28	18	13.056	10.445	0.80	5.558	12.648	10.118	0.80	5.982	11.832	9.466	0.80	6.433
28	20	14.144	9.618	0.68	5.699	13.600	9.248	0.68	6.094	12.784	8.693	0.68	6.546
28	22	15.232	8.530	0.56	5.812	14.688	8.225	0.56	6.264	13.872	7.768	0.56	6.659
30	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
30	18	13.056	11.489	0.88	5.558	12.648	11.130	0.88	5.982	11.832	10.412	0.88	6.433
30	20	14.144	10.749	0.76	5.699	13.600	10.336	0.76	6.094	12.784	9.716	0.76	6.546
30	22	15.232	9.748	0.64	5.812	14.688	9.400	0.64	6.264	13.872	8.878	0.64	6.659
32	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
32	18	13.056	12.534	0.96	5.558	12.648	12.142	0.96	5.982	11.832	11.359	0.96	6.433
32	20	14.144	11.881	0.84	5.699	13.600	11.424	0.84	6.094	12.784	10.739	0.84	6.546
32	22	15.232	10.967	0.72	5.812	14.688	10.575	0.72	6.264	13.872	9.988	0.72	6.659
34	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
34	18	13.056	13.056	1.00	5.558	12.648	12.648	1.00	5.982	11.832	11.832	1.00	6.433
34	20	14.144	13.012	0.92	5.699	13.600	12.512	0.92	6.094	12.784	11.761	0.92	6.546
34	22	15.232	12.186	0.80	5.812	14.688	11.750	0.80	6.264	13.872	11.098	0.80	6.659

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY
PLA-ZM-EA2 / PUHZ-SHW-VHA(-BS) PUHZ-SHW-YHA(-BS)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM100EA2	15	11.648	4.59	11.648	4.21	11.648	3.44	11.648	2.51	12.768	2.72	14.112	2.89
	20	11.200	4.75	11.200	4.37	11.200	3.63	11.200	2.69	12.320	2.88	13.608	3.11
	25	10.752	4.91	10.752	4.53	10.752	3.79	10.752	2.88	11.872	3.09	13.160	3.36
PLA-ZM125EA2	15	14.560	6.88	14.560	6.32	14.560	5.16	14.560	3.76	15.960	4.08	17.640	4.34
	20	14.000	7.12	14.000	6.56	14.000	5.44	14.000	4.04	15.400	4.32	17.010	4.66
	25	13.440	7.36	13.440	6.80	13.440	5.68	13.440	4.32	14.840	4.64	16.450	5.04

HEATING CAPACITY
PLA-M-EA2 / PUHZ-SHW-VHA(-BS) PUHZ-SHW-YHA(-BS)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M100EA2	15	11.648	4.80	11.648	4.41	11.648	3.60	11.648	2.63	12.768	2.85	14.112	3.03
	20	11.200	4.97	11.200	4.58	11.200	3.80	11.200	2.82	12.320	3.02	13.608	3.25
	25	10.752	5.14	10.752	4.75	10.752	3.97	10.752	3.02	11.872	3.24	13.160	3.52
PLA-M125EA2	15	14.560	6.88	14.560	6.32	14.560	5.16	14.560	3.76	15.960	4.08	17.640	4.34
	20	14.000	7.12	14.000	6.56	14.000	5.44	14.000	4.04	15.400	4.32	17.010	4.66
	25	13.440	7.36	13.440	6.80	13.440	5.68	13.440	4.32	14.840	4.64	16.450	5.04

HEATING CAPACITY
PLA-ZM-EA2 / PUHZ-ZRP-VKA2(3) PUHZ-ZRP-VHA2 PUHZ-ZRP-YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM35EA2	15	2.604	0.502	2.829	0.553	3.157	0.638	4.141	0.765	4.674	0.850	5.207	0.918
	20	2.501	0.544	2.706	0.595	2.993	0.689	3.998	0.825	4.510	0.918	5.023	0.986
	25	2.419	0.578	2.624	0.646	2.870	0.748	3.772	0.876	4.346	0.982	4.838	1.058
PLA-ZM50EA2	15	3.810	0.915	4.140	1.008	4.620	1.163	6.060	1.395	6.840	1.550	7.620	1.674
	20	3.660	0.992	3.960	1.085	4.380	1.256	5.850	1.504	6.600	1.674	7.350	1.798
	25	3.540	1.054	3.840	1.178	4.200	1.364	5.520	1.597	6.360	1.790	7.080	1.930
PLA-ZM60EA2	15	4.445	1.115	4.830	1.229	5.390	1.418	7.070	1.701	7.980	1.890	8.890	2.041
	20	4.270	1.210	4.620	1.323	5.110	1.531	6.825	1.833	7.700	2.041	8.575	2.192
	25	4.130	1.285	4.480	1.436	4.900	1.663	6.440	1.947	7.420	2.183	8.260	2.353
PLA-ZM71EA2	15	5.080	1.121	5.520	1.235	6.160	1.425	8.080	1.710	9.120	1.900	10.160	2.052
	20	4.880	1.216	5.280	1.330	5.840	1.539	7.800	1.843	8.800	2.052	9.800	2.204
	25	4.720	1.292	5.120	1.444	5.600	1.672	7.360	1.957	8.480	2.195	9.440	2.366
PLA-ZM100EA2	15	7.112	1.534	7.728	1.690	8.624	1.950	11.312	2.340	12.768	2.600	14.224	2.808
	20	6.832	1.664	7.392	1.820	8.176	2.106	10.920	2.522	12.320	2.808	13.720	3.016
	25	6.608	1.768	7.168	1.976	7.840	2.288	10.304	2.678	11.872	3.003	13.216	3.237
PLA-ZM125EA2	15	8.890	2.168	9.660	2.388	10.780	2.756	14.140	3.307	15.960	3.674	17.780	3.968
	20	8.540	2.351	9.240	2.572	10.220	2.976	13.650	3.564	15.400	3.968	17.150	4.262
	25	8.260	2.498	8.960	2.792	9.800	3.233	12.880	3.784	14.840	4.243	16.520	4.574
PLA-ZM140EA2	15	10.160	2.860	11.040	3.151	12.320	3.636	16.160	4.363	18.240	4.848	20.320	5.236
	20	9.760	3.103	10.560	3.394	11.680	3.927	15.600	4.703	17.600	5.236	19.600	5.624
	25	9.440	3.297	10.240	3.684	11.200	4.266	14.720	4.993	16.960	5.599	18.880	6.036

HEATING CAPACITY
PLA-ZM71EA2 / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM71EA2	15	5.080	1.242	5.520	1.368	6.160	1.579	8.080	1.895	9.120	2.105	10.160	2.273
	20	4.880	1.347	5.280	1.474	5.840	1.705	7.800	2.042	8.800	2.273	9.800	2.442
	25	4.720	1.431	5.120	1.600	5.600	1.852	7.360	2.168	8.480	2.431	9.440	2.621

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PLA-M-EA2 / PUHZ-ZRP-VKA2(3) PUHZ-ZRP-VHA2 PUHZ-ZRP-YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.604	0.543	2.829	0.598	3.157	0.690	4.141	0.828	4.674	0.920	5.207	0.994
	20	2.501	0.589	2.706	0.644	2.993	0.745	3.998	0.892	4.510	0.994	5.023	1.067
	25	2.419	0.626	2.624	0.699	2.870	0.810	3.772	0.948	4.346	1.063	4.838	1.145
PLA-M50EA2	15	3.810	1.068	4.140	1.177	4.620	1.358	6.060	1.629	6.840	1.810	7.620	1.955
	20	3.660	1.158	3.960	1.267	4.380	1.466	5.850	1.756	6.600	1.955	7.350	2.100
	25	3.540	1.231	3.840	1.376	4.200	1.593	5.520	1.864	6.360	2.091	7.080	2.253
PLA-M60EA2	15	4.445	1.221	4.830	1.346	5.390	1.553	7.070	1.863	7.980	2.070	8.890	2.236
	20	4.270	1.325	4.620	1.449	5.110	1.677	6.825	2.008	7.700	2.236	8.575	2.401
	25	4.130	1.408	4.480	1.573	4.900	1.822	6.440	2.132	7.420	2.391	8.260	2.577
PLA-M71EA2	15	5.080	1.245	5.520	1.372	6.160	1.583	8.080	1.899	9.120	2.110	10.160	2.279
	20	4.880	1.350	5.280	1.477	5.840	1.709	7.800	2.047	8.800	2.279	9.800	2.448
	25	4.720	1.435	5.120	1.604	5.600	1.857	7.360	2.173	8.480	2.437	9.440	2.627
PLA-M100EA2	15	7.112	1.587	7.728	1.749	8.624	2.018	11.312	2.421	12.768	2.690	14.224	2.905
	20	6.832	1.722	7.392	1.883	8.176	2.179	10.920	2.609	12.320	2.905	13.720	3.120
	25	6.608	1.829	7.168	2.044	7.840	2.367	10.304	2.771	11.872	3.107	13.216	3.349
PLA-M125EA2	15	8.890	2.226	9.660	2.452	10.780	2.830	14.140	3.396	15.960	3.773	17.780	4.075
	20	8.540	2.415	9.240	2.641	10.220	3.056	13.650	3.660	15.400	4.075	17.150	4.377
	25	8.260	2.566	8.960	2.867	9.800	3.320	12.880	3.886	14.840	4.358	16.520	4.697
PLA-M140EA2	15	10.160	2.895	11.040	3.190	12.320	3.680	16.160	4.416	18.240	4.907	20.320	5.300
	20	9.760	3.140	10.560	3.435	11.680	3.975	15.600	4.760	17.600	5.300	19.600	5.692
	25	9.440	3.337	10.240	3.729	11.200	4.318	14.720	5.054	16.960	5.668	18.880	6.109

HEATING CAPACITY

PLA-M-EA2 / SUZ-KA-VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-20		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.050	0.520	2.583	0.650	3.116	0.780	3.649	0.880	4.182	0.950	4.715	1.010	5.207	1.040	5.740	1.060
	21	1.927	0.554	2.460	0.700	2.952	0.830	3.485	0.920	3.977	0.990	4.510	1.040	5.002	1.070	5.515	1.110
	26	1.681	0.600	2.214	0.750	2.747	0.880	3.239	0.970	3.772	1.040	4.305	1.090	4.797	1.120	5.330	1.150
PLA-M50EA2	15	2.900	0.879	3.654	1.099	4.408	1.318	5.162	1.487	5.916	1.606	6.670	1.707	7.366	1.758	8.120	1.791
	21	2.726	0.936	3.480	1.183	4.176	1.403	4.930	1.555	5.626	1.673	6.380	1.758	7.076	1.808	7.801	1.876
	26	2.378	1.014	3.132	1.268	3.886	1.487	4.582	1.639	5.336	1.758	6.090	1.842	6.786	1.893	7.540	1.944
PLA-M60EA2	15	3.450	1.024	4.347	1.281	5.244	1.537	6.141	1.734	7.038	1.872	7.935	1.990	8.763	2.049	9.660	2.088
	21	3.243	1.091	4.140	1.379	4.968	1.635	5.865	1.812	6.693	1.950	7.590	2.049	8.418	2.108	9.281	2.187
	26	2.829	1.182	3.726	1.478	4.623	1.734	5.451	1.911	6.348	2.049	7.245	2.147	8.073	2.206	8.970	2.266
PLA-M71EA2	15	4.000	1.168	5.040	1.461	6.080	1.753	7.120	1.977	8.160	2.135	9.200	2.269	10.160	2.337	11.200	2.382
	21	3.760	1.245	4.800	1.573	5.760	1.865	6.800	2.067	7.760	2.225	8.800	2.337	9.760	2.404	10.760	2.494
	26	3.280	1.348	4.320	1.685	5.360	1.977	6.320	2.180	7.360	2.337	8.400	2.449	9.360	2.517	10.400	2.584

HEATING CAPACITY

PLA-M-EA2 / PUHZ-P-VKA PUHZ-P-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M100EA2	15	7.112	1.926	7.728	2.122	8.624	2.449	11.312	2.939	12.768	3.265	14.224	3.526
	20	6.832	2.090	7.392	2.286	8.176	2.645	10.920	3.167	12.320	3.526	13.720	3.787
	25	6.608	2.220	7.168	2.481	7.840	2.873	10.304	3.363	11.872	3.771	13.216	4.065
PLA-M125EA2	15	8.573	2.269	9.315	2.500	10.395	2.885	13.635	3.461	15.390	3.846	17.145	4.154
	20	8.235	2.461	8.910	2.692	9.855	3.115	13.163	3.731	14.850	4.154	16.538	4.461
	25	7.965	2.615	8.640	2.923	9.450	3.384	12.420	3.961	14.310	4.442	15.930	4.788
PLA-M140EA2	15	9.525	2.756	10.350	3.037	11.550	3.504	15.150	4.205	17.100	4.672	19.050	5.046
	20	9.150	2.990	9.900	3.270	10.950	3.784	14.625	4.532	16.500	5.046	18.375	5.420
	25	8.850	3.177	9.600	3.551	10.500	4.111	13.800	4.812	15.900	5.396	17.700	5.817

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**HEATING CAPACITY
PLA-SM-EA2 / SUZ-SA-VA2(3)**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM71EA2	15	4.000	1.296	5.040	1.620	6.080	1.944	7.120	2.193	8.160	2.367	9.200	2.517	10.160	2.592	11.200	2.642
	21	3.760	1.381	4.800	1.744	5.760	2.068	6.800	2.293	7.760	2.467	8.800	2.592	9.760	2.666	10.760	2.766
	26	3.280	1.495	4.320	1.869	5.360	2.193	6.320	2.417	7.360	2.592	8.400	2.716	9.360	2.791	10.400	2.866
PLA-SM100EA2	15	5.600	1.814	7.056	2.268	8.512	2.721	9.968	3.070	11.424	3.315	12.880	3.524	14.224	3.629	15.680	3.698
	21	5.264	1.933	6.720	2.442	8.064	2.896	9.520	3.210	10.864	3.454	12.320	3.629	13.664	3.733	15.064	3.873
	26	4.592	2.093	6.048	2.617	7.504	3.070	8.848	3.384	10.304	3.629	11.760	3.803	13.104	3.908	14.560	4.012

**HEATING CAPACITY
PLA-SM-EA2 / PUHZ-SP-VKA PUHZ-SP-YKA**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM100EA2	15	7.112	2.059	7.728	2.268	8.624	2.617	11.312	3.140	12.768	3.489	14.224	3.768
	20	6.832	2.233	7.392	2.442	8.176	2.826	10.920	3.384	12.320	3.768	13.720	4.047
	25	6.608	2.373	7.168	2.652	7.840	3.070	10.304	3.594	11.872	4.030	13.216	4.344
PLA-SM125EA2	15	8.573	2.335	9.315	2.573	10.395	2.969	13.635	3.562	15.390	3.958	17.145	4.275
	20	8.235	2.533	8.910	2.771	9.855	3.206	13.163	3.839	14.850	4.275	16.538	4.591
	25	7.965	2.691	8.640	3.008	9.450	3.483	12.420	4.077	14.310	4.571	15.930	4.928
PLA-SM140EA2	15	9.525	2.846	10.350	3.135	11.550	3.617	15.150	4.341	17.100	4.823	19.050	5.209
	20	9.150	3.087	9.900	3.376	10.950	3.907	14.625	4.678	16.500	5.209	18.375	5.595
	25	8.850	3.280	9.600	3.665	10.500	4.244	13.800	4.968	15.900	5.571	17.700	6.005

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.1.6 FRESH AIR INTAKE AND BRANCH DUCT

1. Branch duct hole and fresh air intake hole (Fig. 1)

At the time of installation, use the duct holes (cut out) located at the positions shown in Fig.1, as and when required.
 • A fresh air intake hole for the optional multi function casement can also be made.

Note:

The figure marked with * in the drawing represent the dimensions of the main unit excluding those of the optional multi function casement.

When installing the optional multi function casement, add 135 mm to the dimensions marked on the figure.

When installing the branch ducts, be sure to insulate adequately.

Otherwise condensation and dripping may occur.

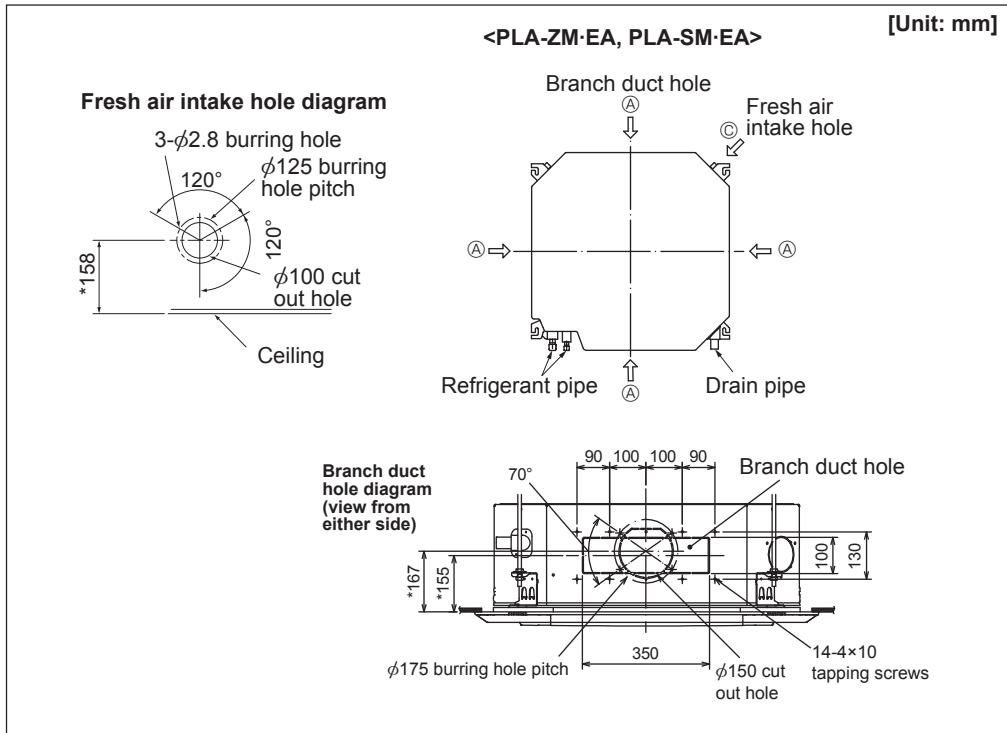
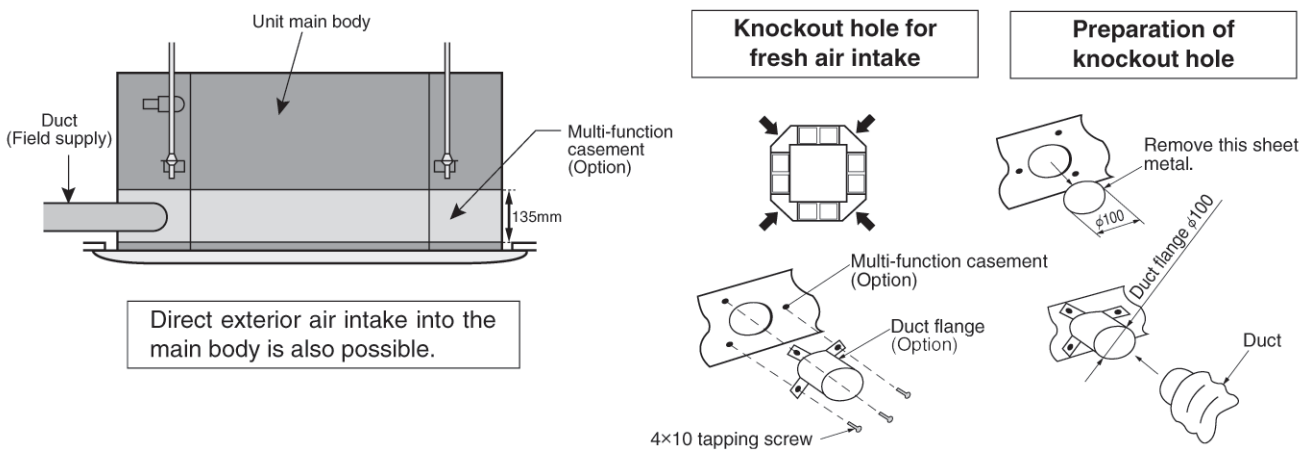


Fig. 1

2. Fresh air intake (Installation at site)

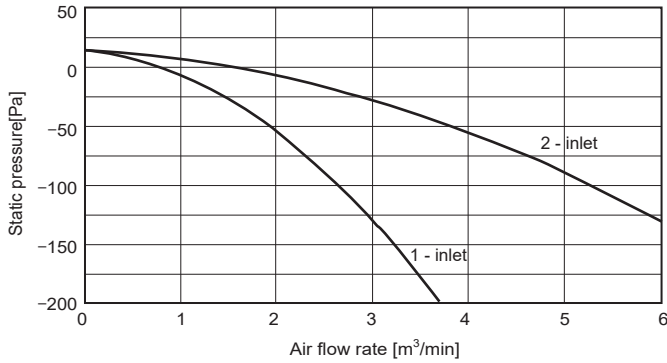
- By mounting the optional multi-function casement to the indoor unit main body, and mounting the duct and duct flange (option) onto it further, fresh exterior air intake can be accomplished.
 (The mounting of the multi-function casement increases the height of the ceiling plenum by 135mm.)



3. Fresh air intake volume & static pressure characteristics

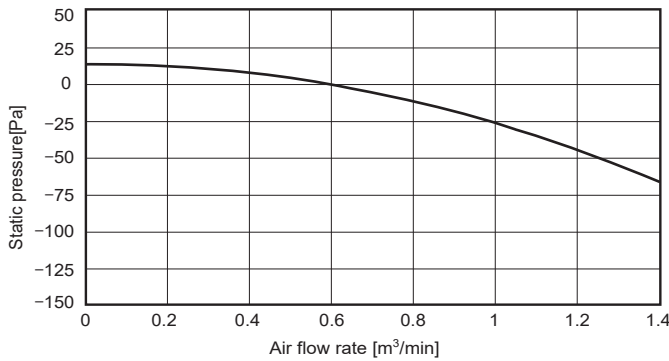
PLA-ZM35EA2 PLA-ZM50EA2 PLA-ZM60EA2

① At using multi-function casement, standard filter



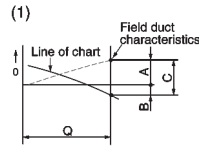
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

How to read the chart



Q Design fresh air intake volume (m³/min)

A Static pressure loss [Pa] of fresh air intake duct at air flow rate of Q

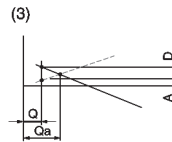
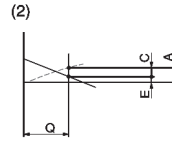
B Required boost pressure [Pa] of air conditioner inlet at air flow rate of Q

C Required static pressure [Pa] of booster fan at air flow rate of Q

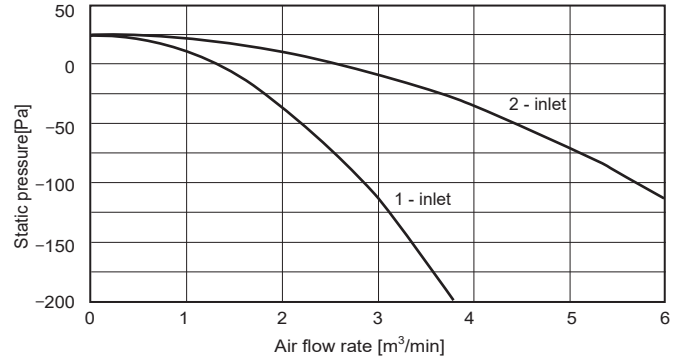
D Required compensation [Pa] for static pressure loss of fresh air intake duct to make air flow rate Q

E Static pressure [Pa] of indoor unit at air flow rate of Q

Qa .. Estimated fresh air intake [m³/min] without compensation of D



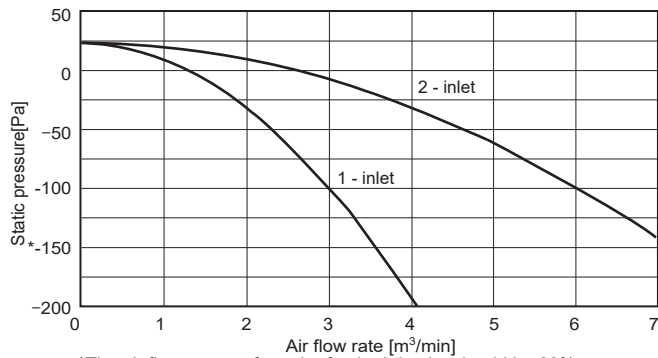
③ At using multi-function casement, high efficiency filter



*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

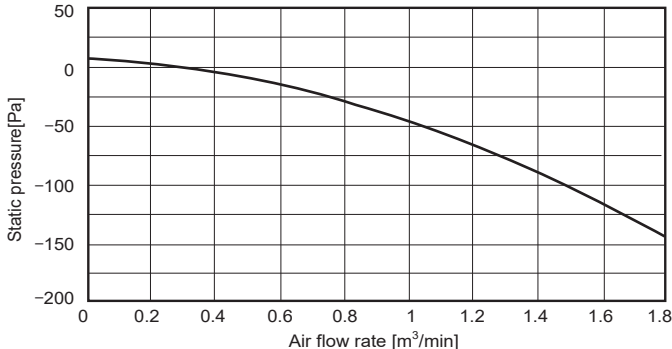
PLA-ZM71EA2 PLA-ZM100EA2 PLA-ZM125EA2 PLA-ZM140EA2

① At using multi-function casement, standard filter



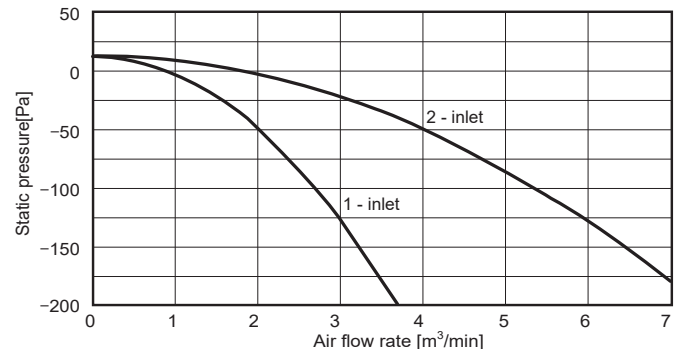
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

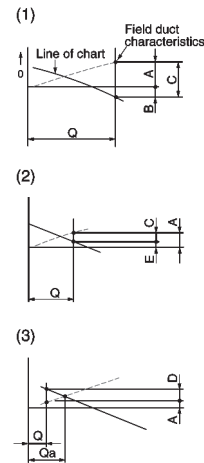
③ At using multi-function casement, high efficiency filter



*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

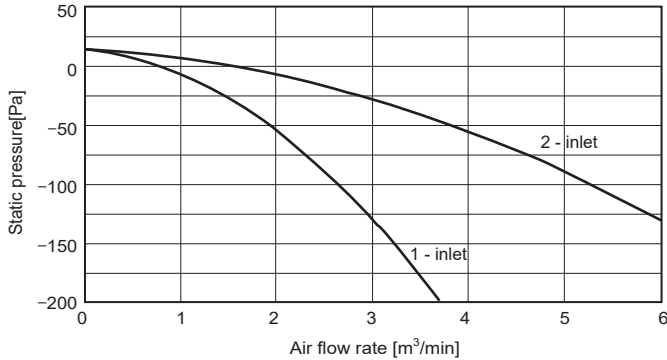
PLA-M35EA2 PLA-M50EA2 PLA-M60EA2 PLA-M71EA2 PLA-SM71EA2

How to read the chart



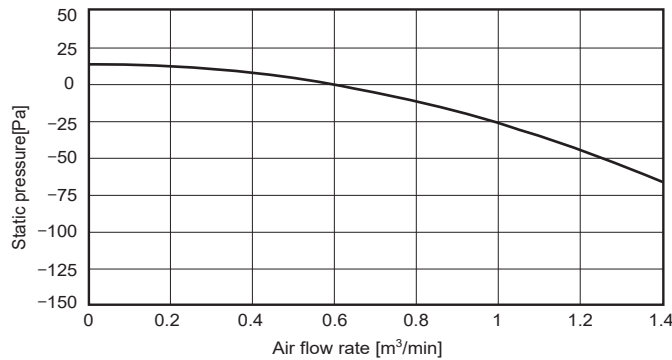
- Q Design fresh air intake volume (m³/min)
- A Static pressure loss [Pa] of fresh air intake duct at air flow rate of Q
- B Required boost pressure [Pa] of air conditioner inlet at air flow rate of Q
- C Required static pressure [Pa] of booster fan at air flow rate of Q
- D Required compensation [Pa] for static pressure loss of fresh air intake duct to make air flow rate Q
- E Static pressure [Pa] of indoor unit at air flow rate of Q
- Qa .. Estimated fresh air intake [m³/min] without compensation of D

① At using multi-function casement, standard filter



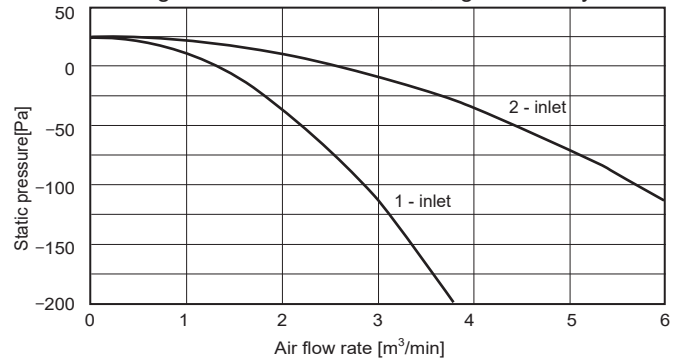
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

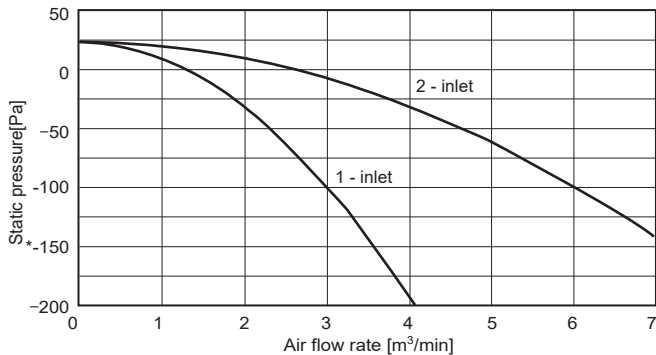
③ At using multi-function casement, high efficiency filter



*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

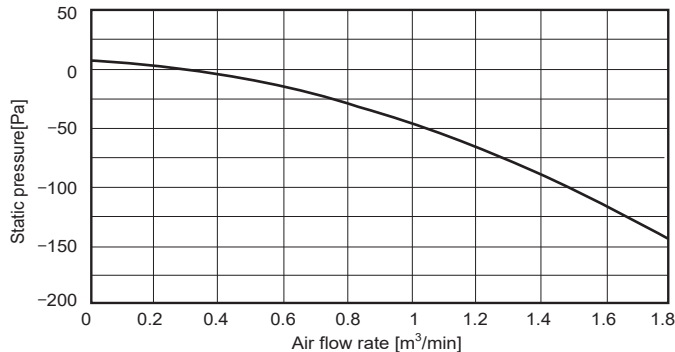
PLA-M100EA2 PLA-M125EA2 PLA-M140EA2 PLA-SM100EA2 PLA-SM125EA2 PLA-SM140EA2

① At using multi-function casement, standard filter



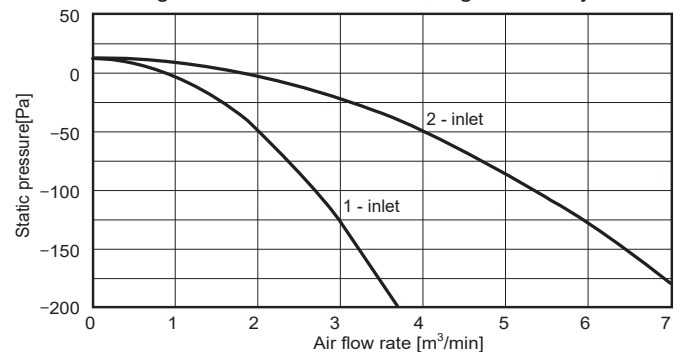
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

③ At using multi-function casement, high efficiency filter



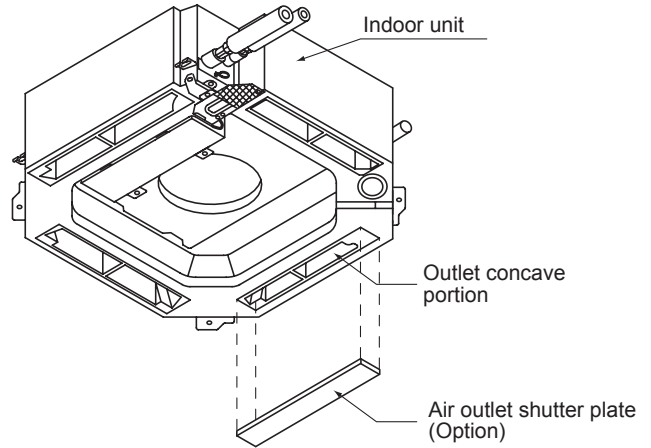
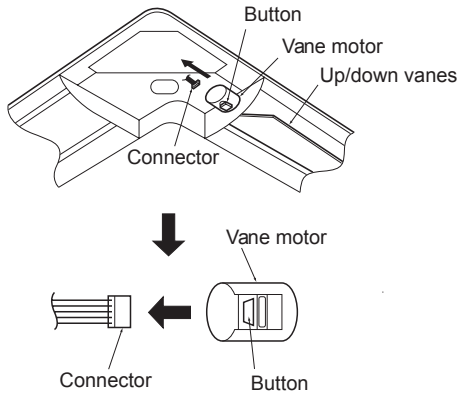
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

4. Change of outlet numbers

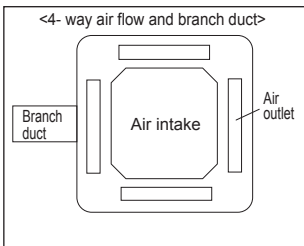
[The optional air outlet shutter is necessary.]

To change the air outlet numbers to 3-, or 2-way outlet, the outlets should be closed with the optional air outlet shutter.

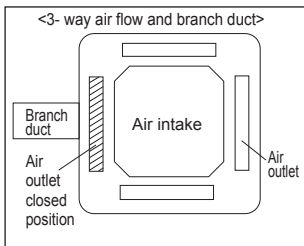
(When the air outlets are closed, close the vane by removing the vane connector.)



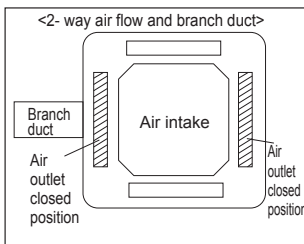
5. Branch duct and change of outlet numbers



* Branch duct should be connected to one of the branch duct holes on the main unit.



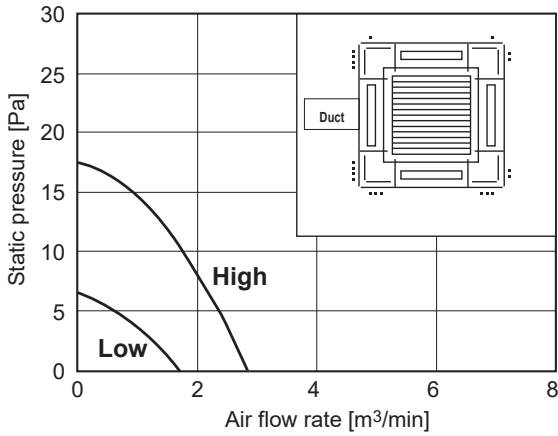
* Close the outlet on the side of branch duct and air flows in 3 directions.



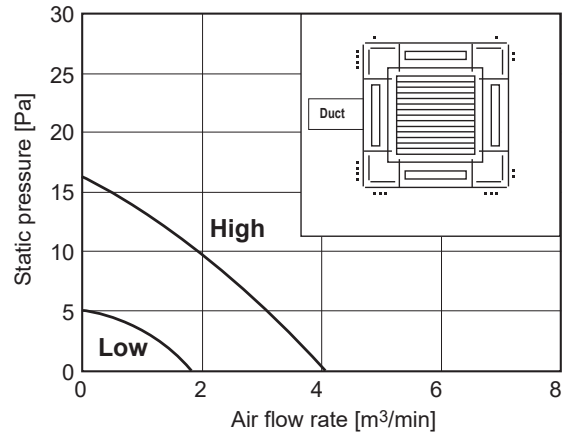
* The outlet on the side of branch duct and one of the other outlets are closed. Air flow in 2 directions.

PLA-ZM71EA2

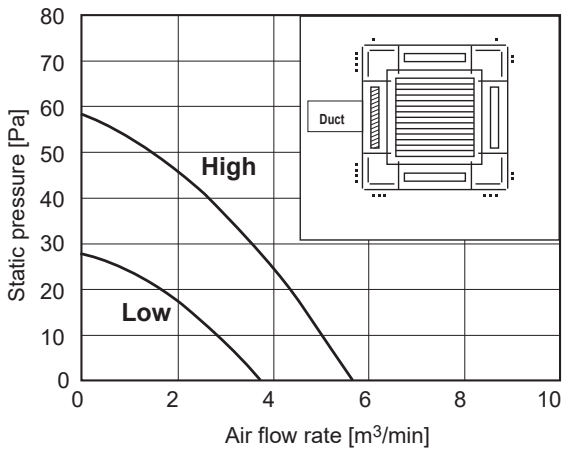
●4-way air flow (horizontal vane) Round duct



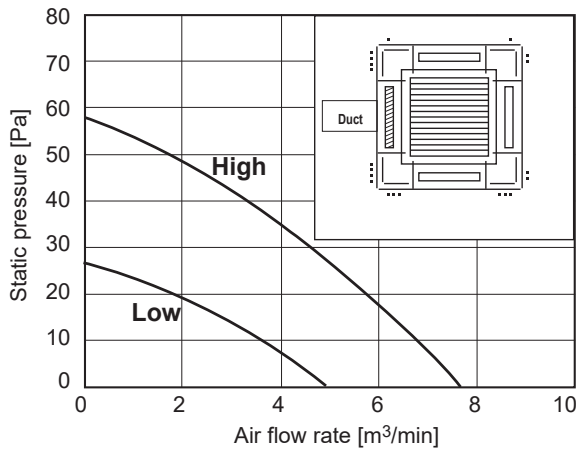
●4-way air flow (horizontal vane) Rectangular duct



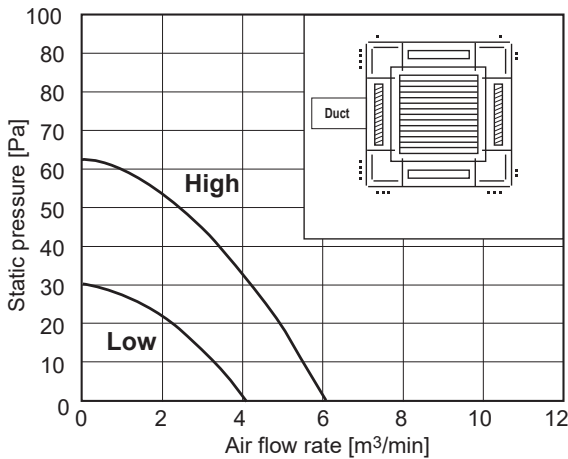
●3-way air flow (horizontal vane) Round duct



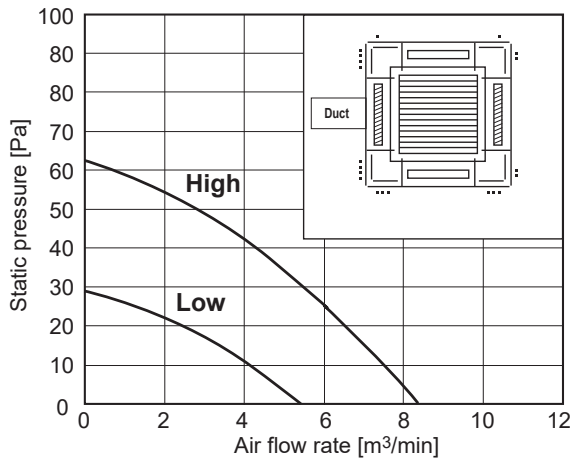
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



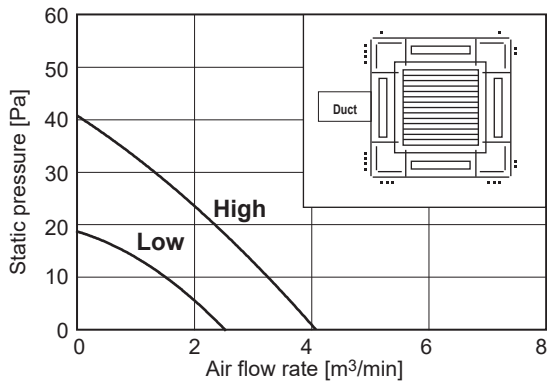
●2-way air flow (horizontal vane) Rectangular duct



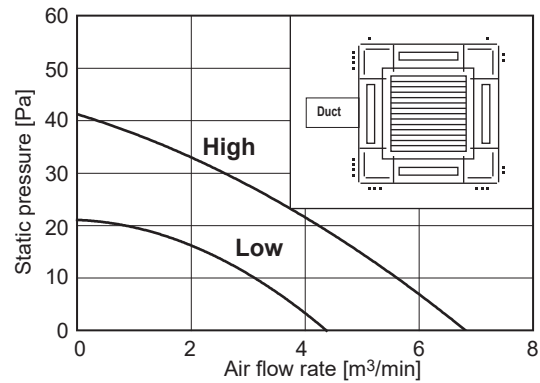
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM35,50,60EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM71EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-ZM140EA2

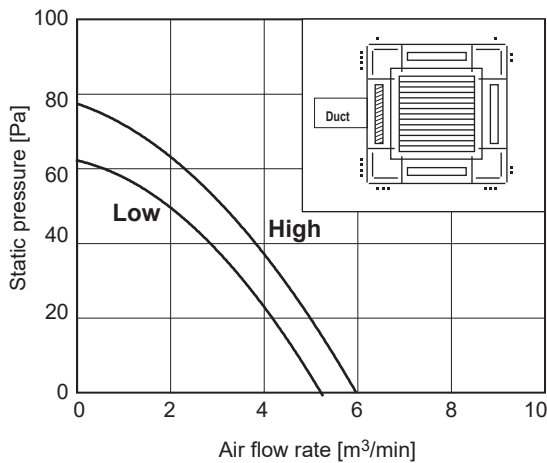
●4-way air flow (horizontal vane) Round duct



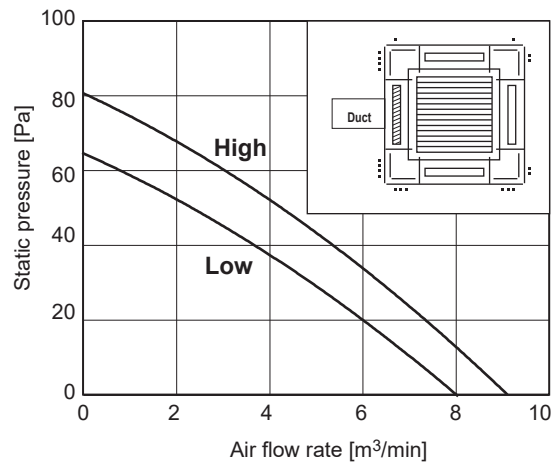
●4-way air flow (horizontal vane) Rectangular duct



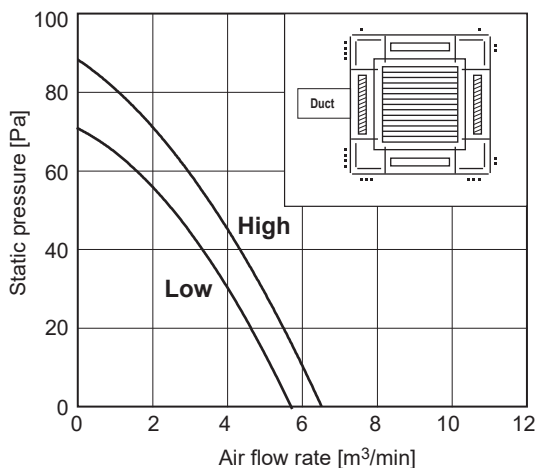
●3-way air flow (horizontal vane) Round duct



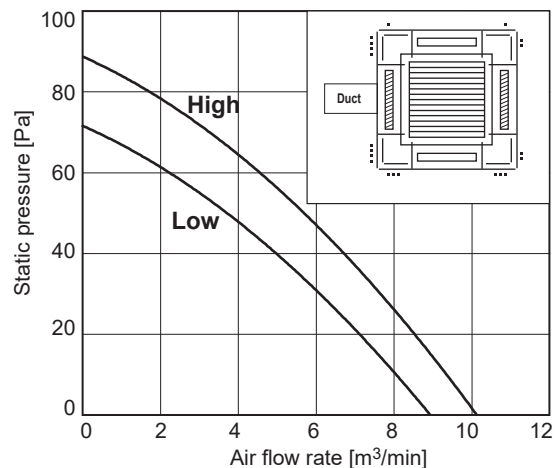
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



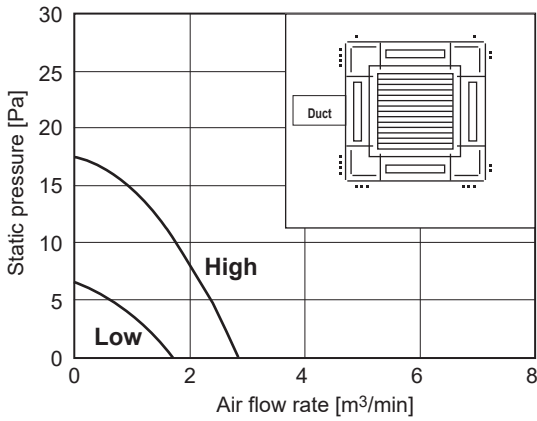
●2-way air flow (horizontal vane) Rectangular duct



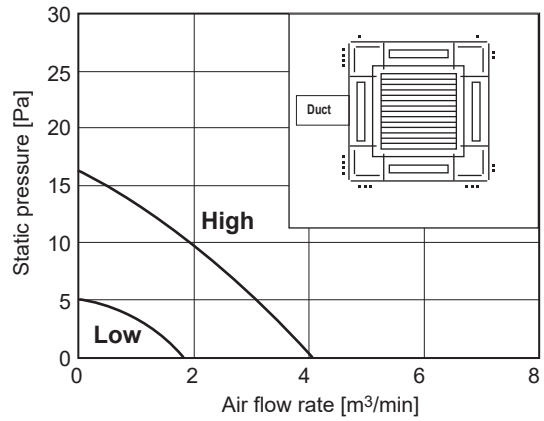
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM100,125EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM140EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-M71EA2
PLA-SM71EA2

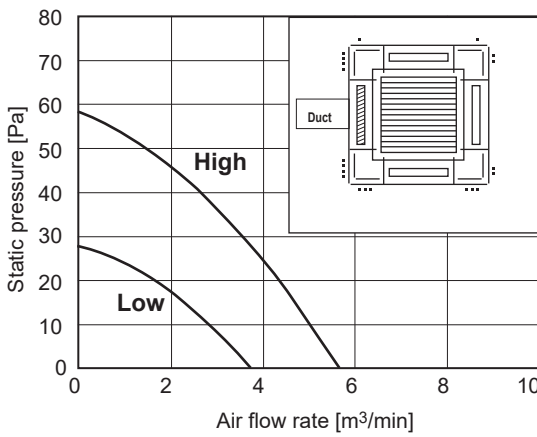
●4-way air flow (horizontal vane) Round duct



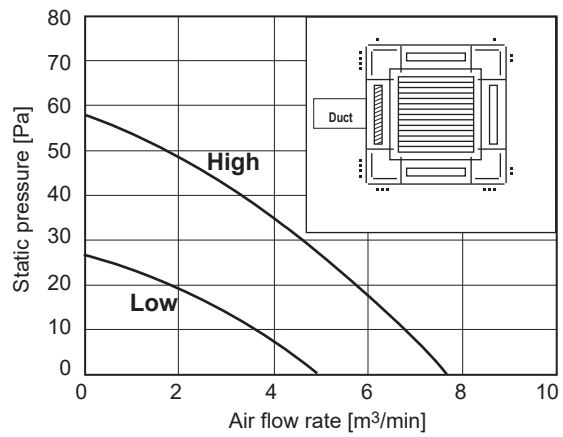
●4-way air flow (horizontal vane) Rectangular duct



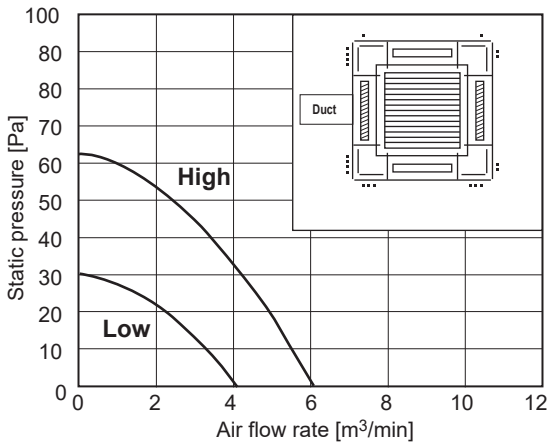
●3-way air flow (horizontal vane) Round duct



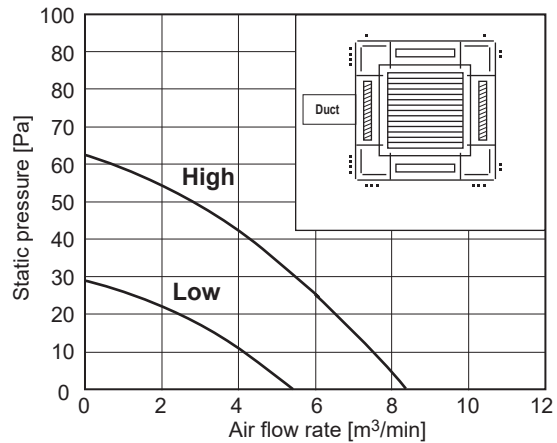
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



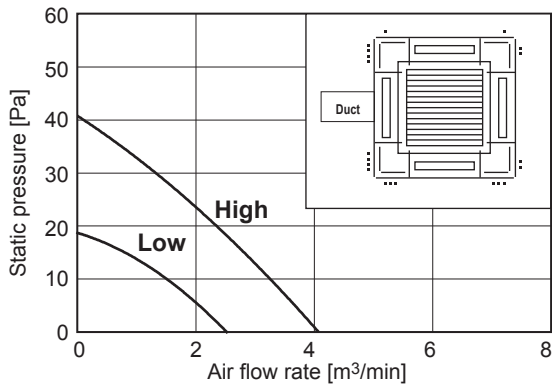
●2-way air flow (horizontal vane) Rectangular duct



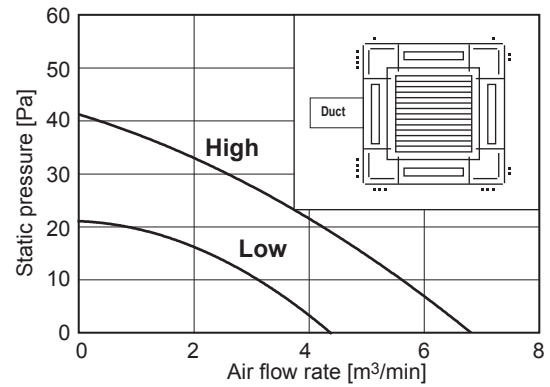
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M35,50,60EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-M71EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-M140EA2
PLA-SM140EA2

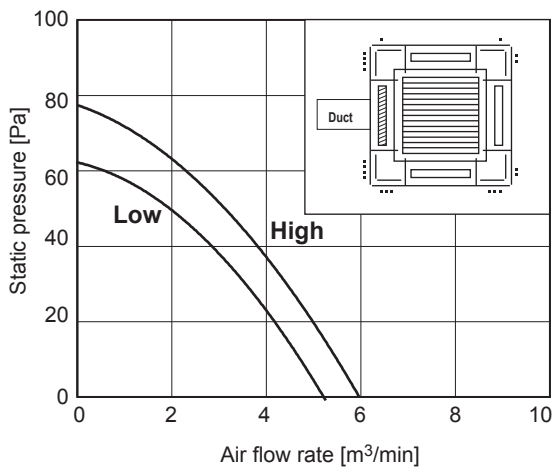
●4-way air flow (horizontal vane) Round duct



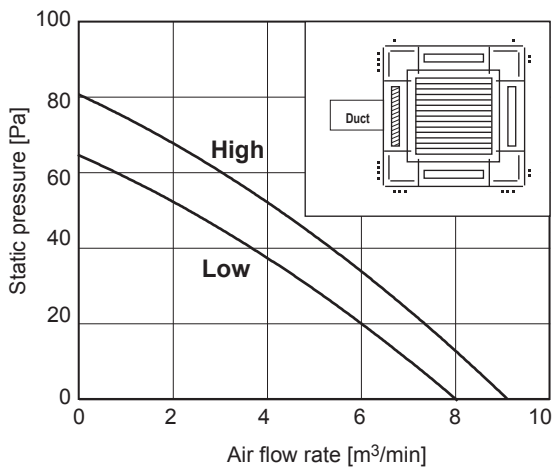
●4-way air flow (horizontal vane) Rectangular duct



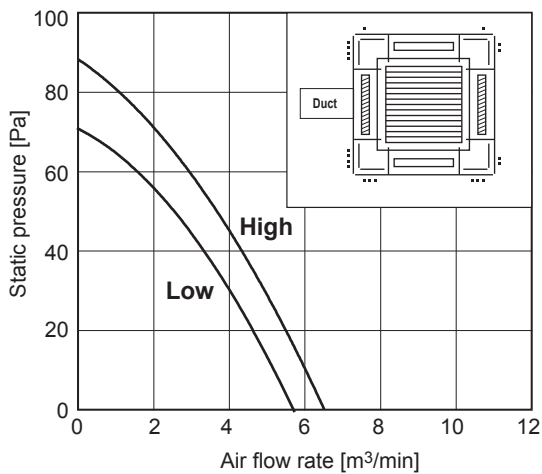
●3-way air flow (horizontal vane) Round duct



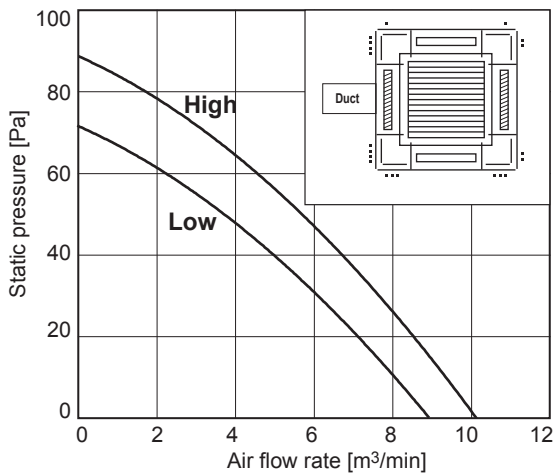
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



●2-way air flow (horizontal vane) Rectangular duct

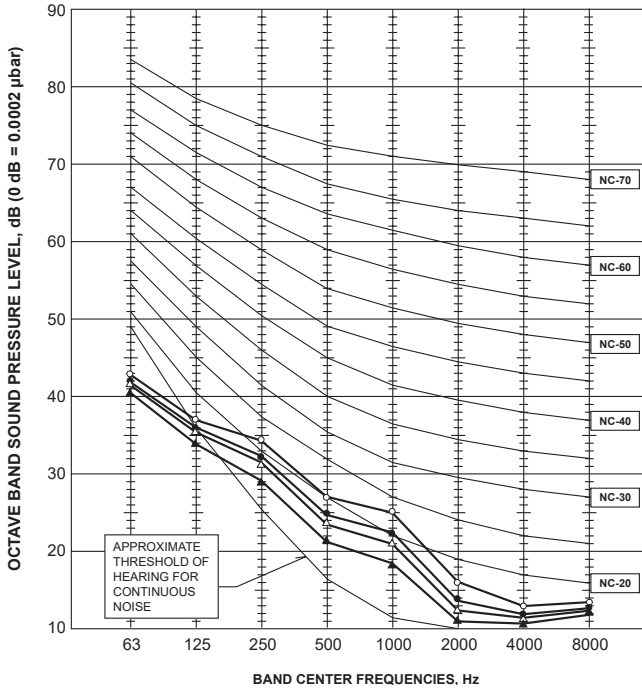


- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M100,125EA2,PLA-SM100,125EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-M140EA2, PLA-SM140EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

A.1.7 NOISE CRITERIA CURVES

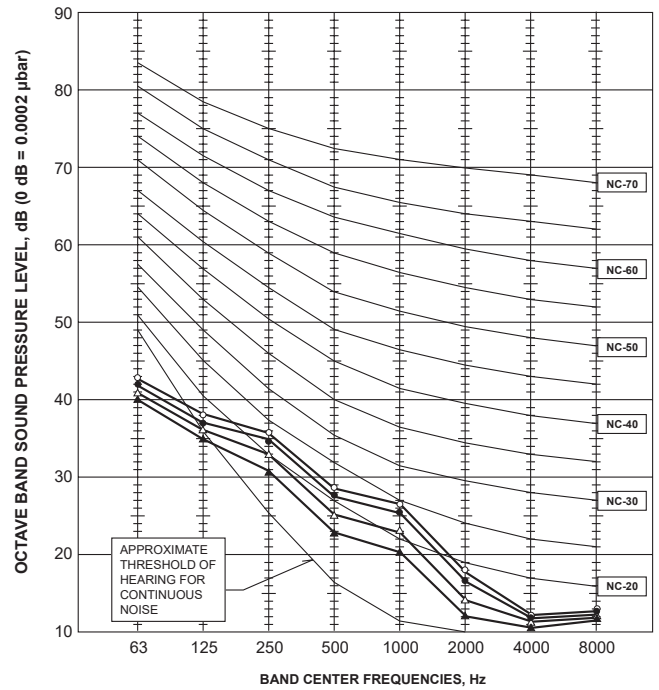
PLA-ZM35EA2

NOTCH	SPL(dB)	LINE
High	31	○—○
Medium1	29	●—●
Medium2	28	△—△
Low	26	▲—▲



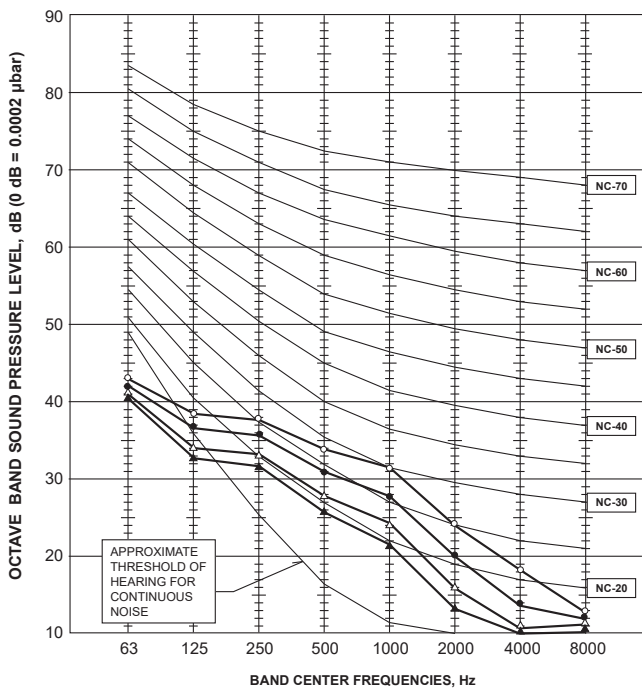
PLA-ZM50EA2 PLA-ZM60EA2

	SPL(dB)	LINE
	32	○—○
	31	●—●
Medium2	29	△—△
Low	27	▲—▲



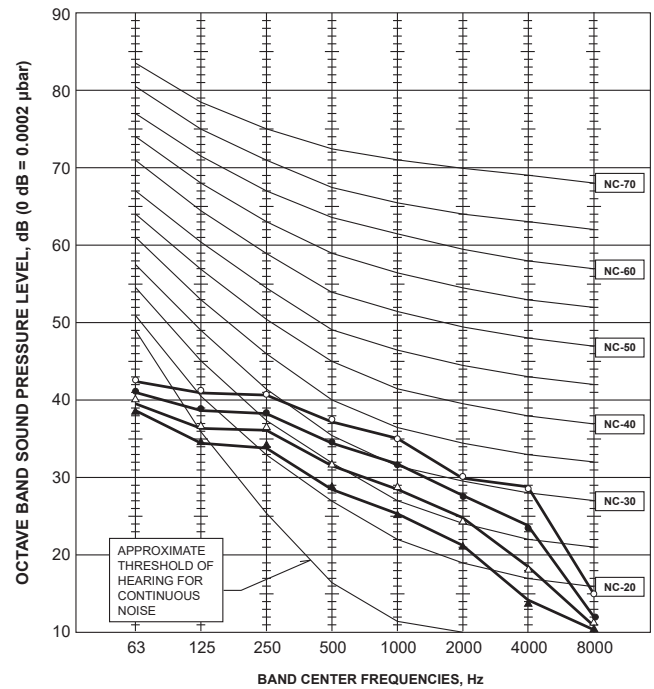
PLA-ZM71EA2

	SPL(dB)	LINE
High	36	○—○
Medium1	33	●—●
Medium2	30	△—△
Low	28	▲—▲



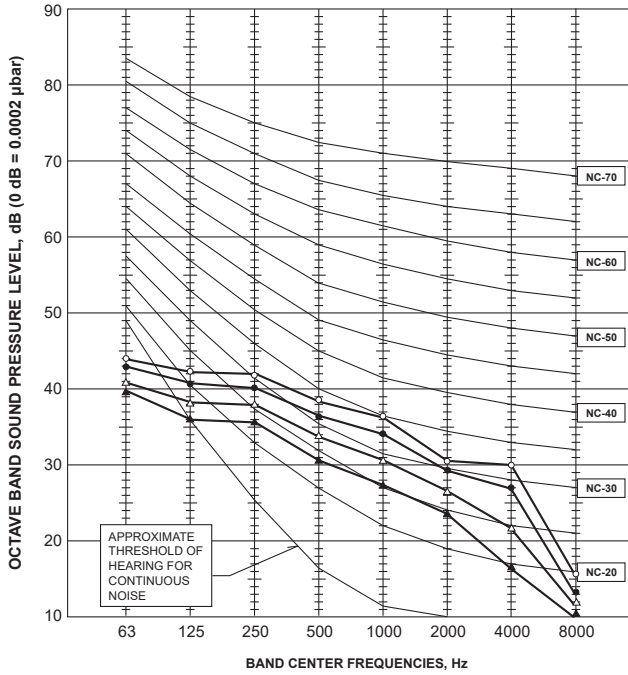
PLA-ZM100EA2

	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	31	▲—▲



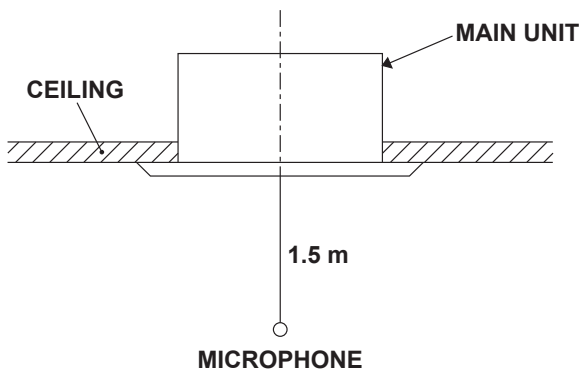
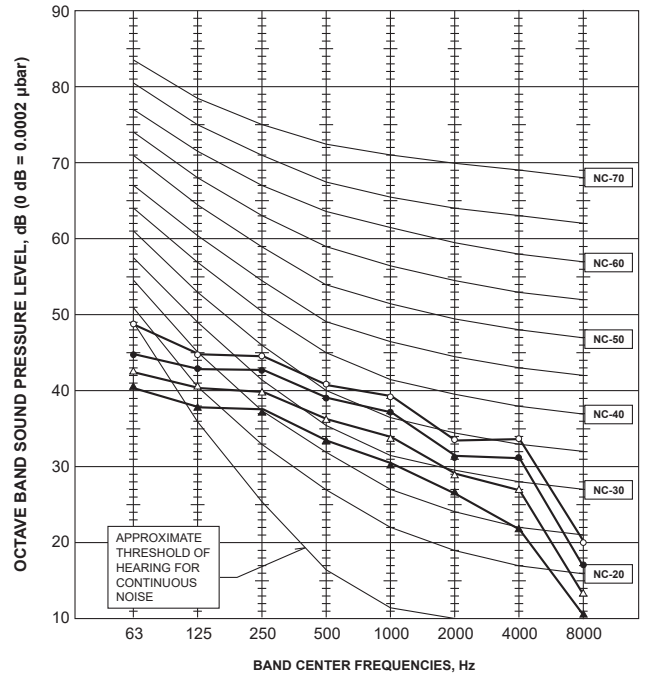
PLA-ZM125EA2

NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	●—●
Medium2	36	△—△
Low	33	▲—▲



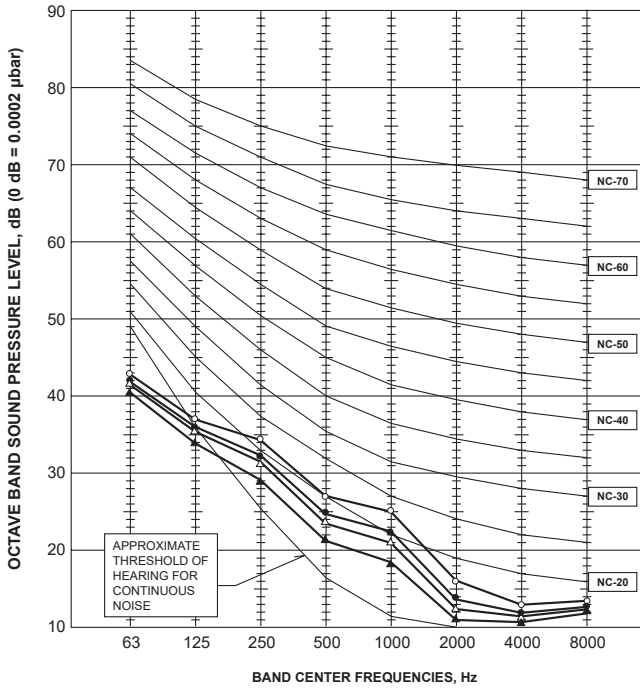
PLA-ZM140EA2

	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲



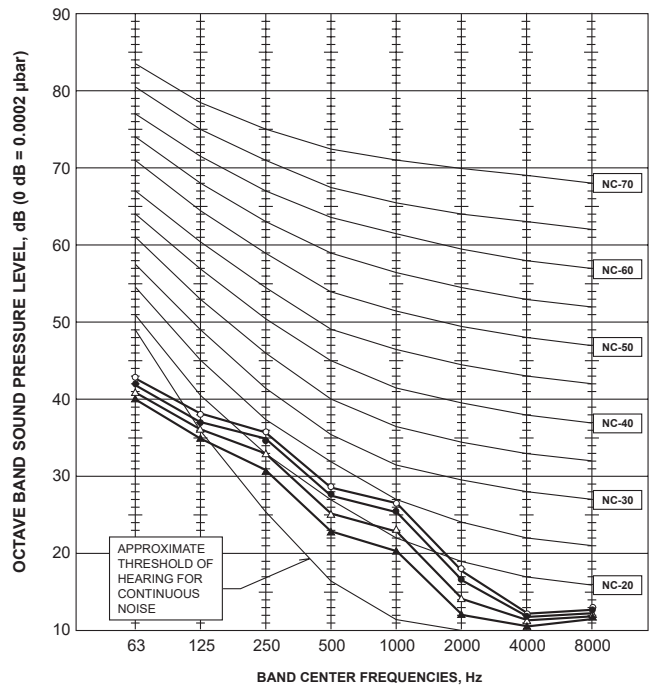
PLA-M35EA2

NOTCH	SPL(dB)	LINE
High	31	○—○
Medium1	29	●—●
Medium2	28	△—△
Low	26	▲—▲



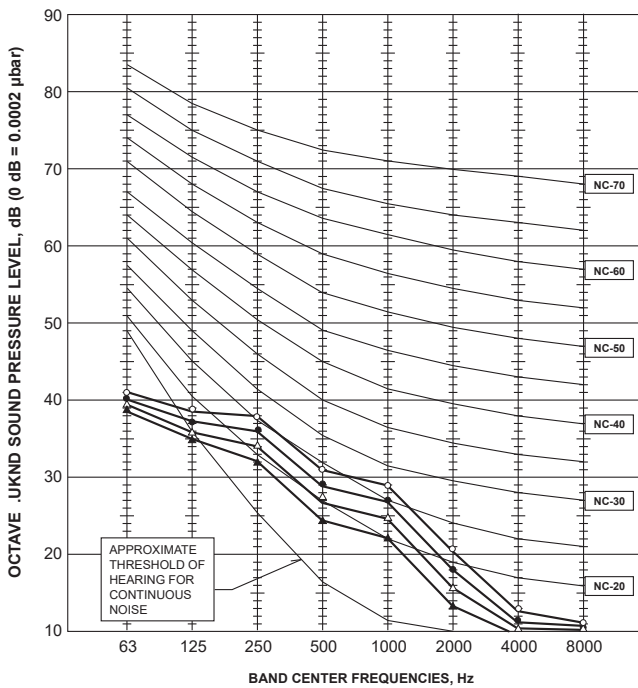
**PLA-M50EA2
PLA-M60EA2**

NOTCH	SPL(dB)	LINE
High	32	○—○
Medium1	31	●—●
Medium2	29	△—△
Low	27	▲—▲



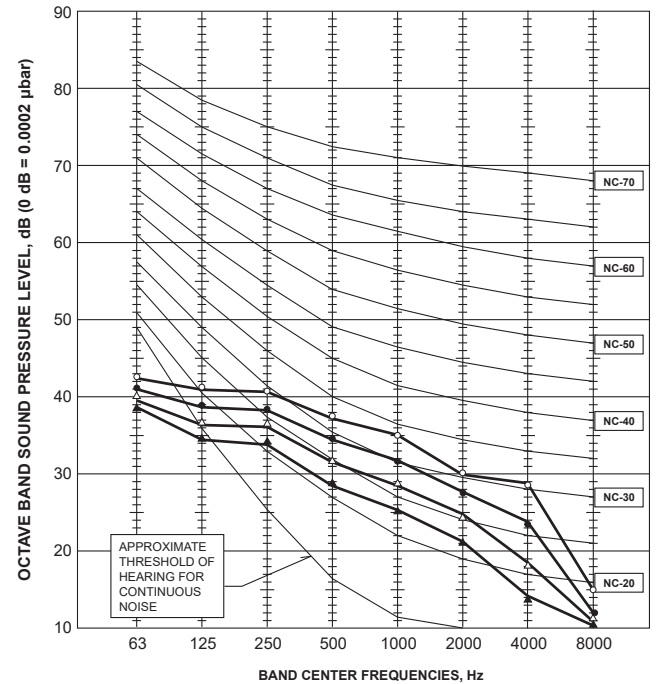
PLA-M71EA2

NOTCH	SPL(dB)	LINE
High	34	○—○
Medium1	32	●—●
Medium2	30	△—△
Low	28	▲—▲



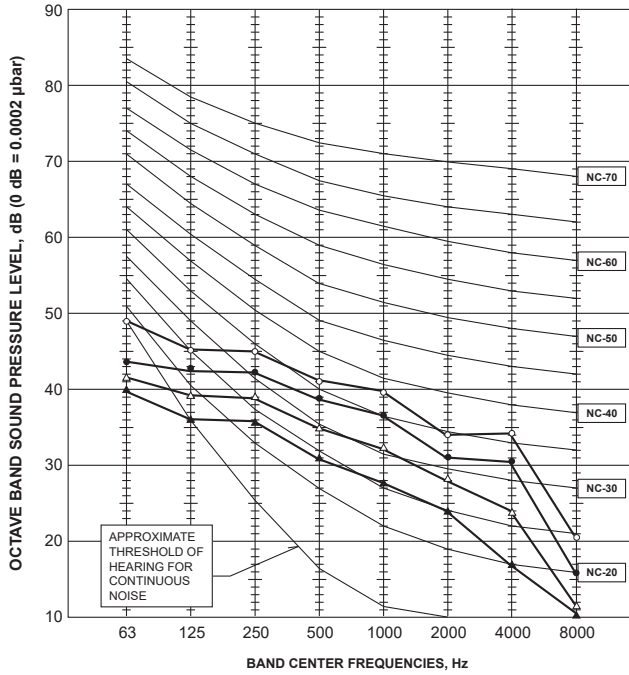
PLA-M100EA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	31	▲—▲



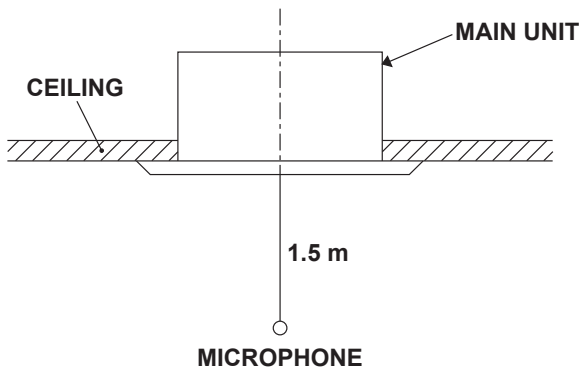
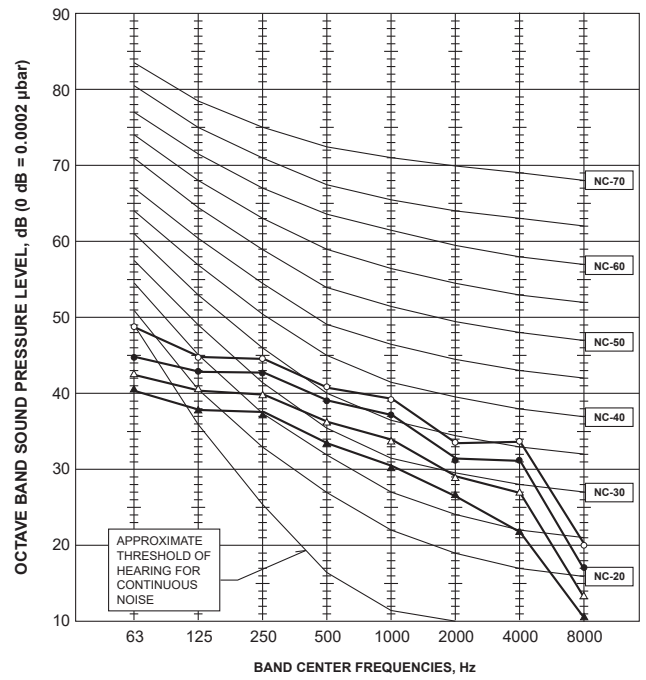
PLA-M125EA2

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	41	●—●
Medium2	37	△—△
Low	33	▲—▲



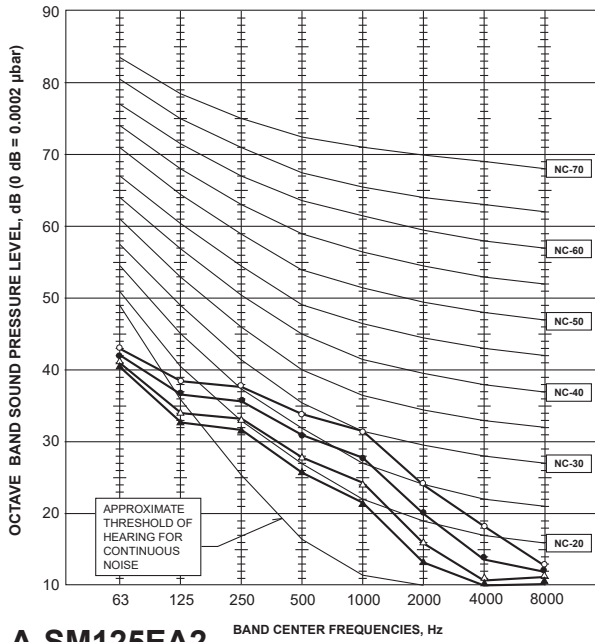
PLA-M140EA2

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲



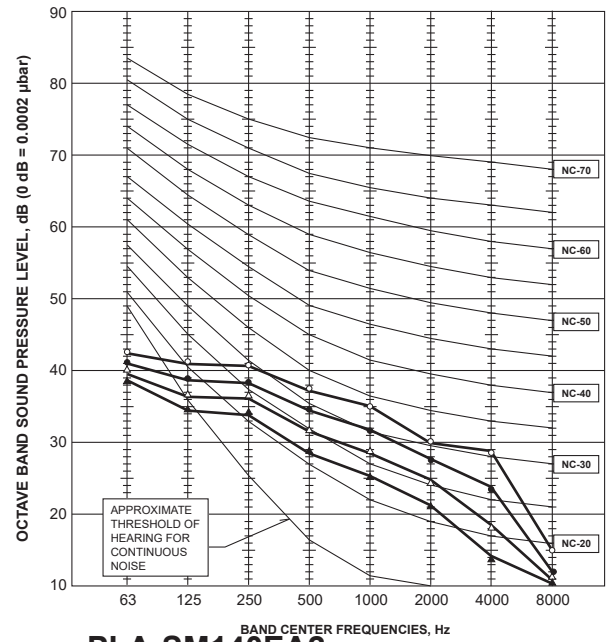
PLA-SM71EA2

NOTCH	SPL(dB)	LINE
High	34	○—○
Medium1	32	●—●
Medium2	30	△—△
Low	28	▲—▲



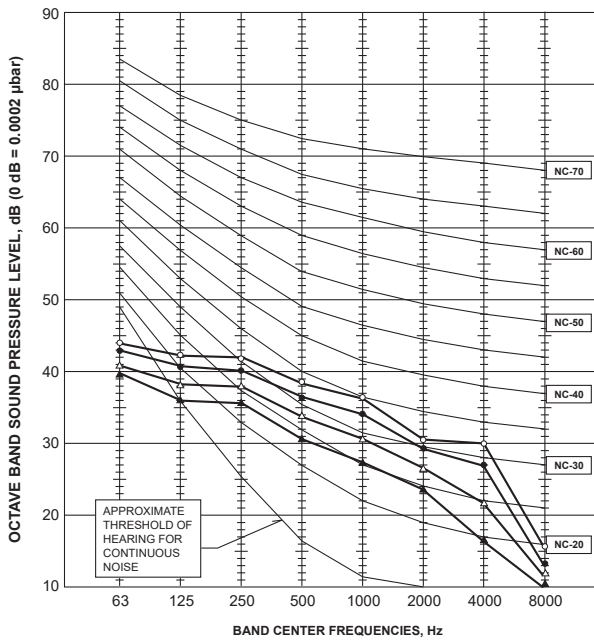
PLA-SM100EA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	31	▲—▲



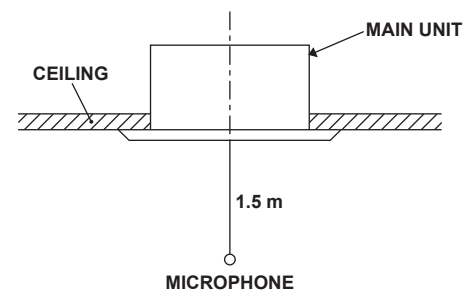
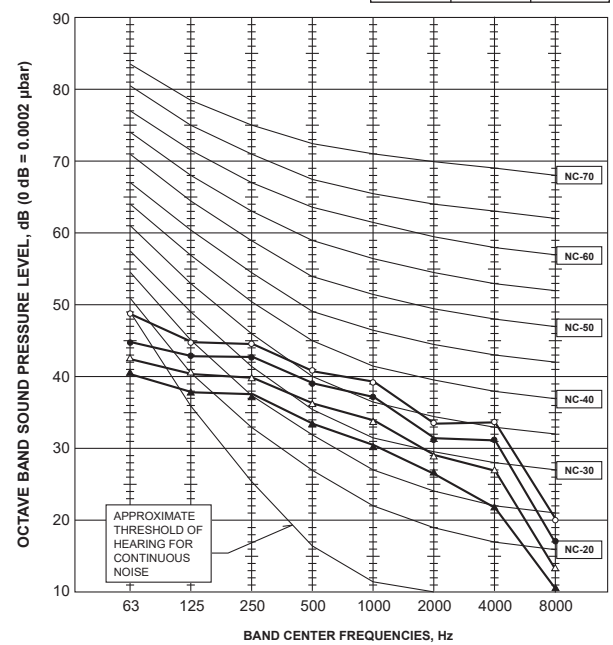
PLA-SM125EA2

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	41	●—●
Medium2	37	△—△
Low	33	▲—▲



PLA-SM140EA2

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲

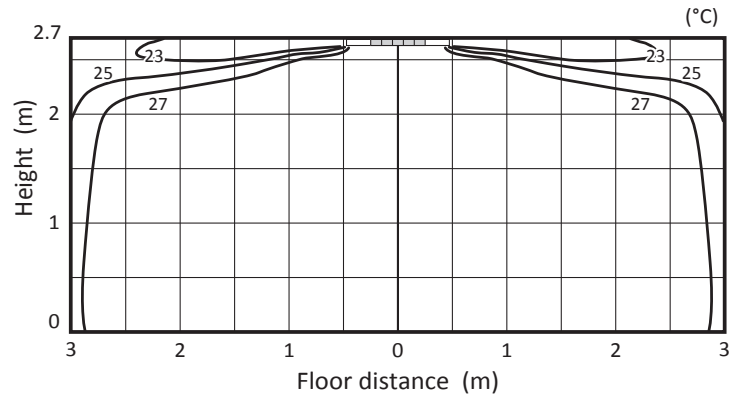


A.1.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

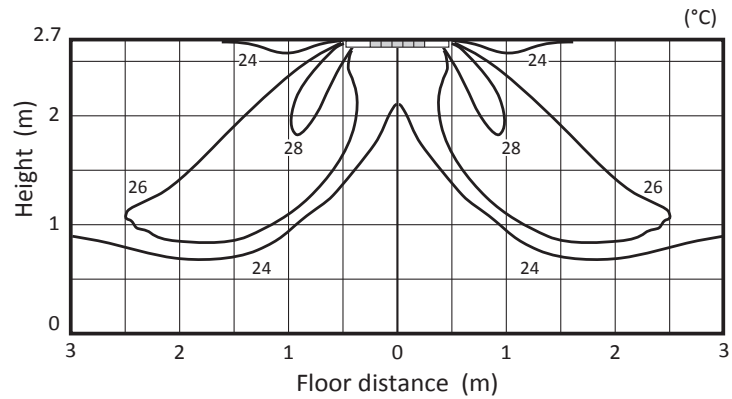
PLA-ZM35EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

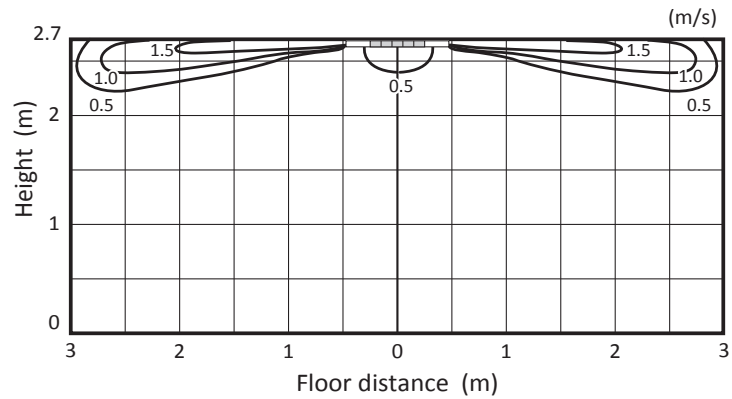


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

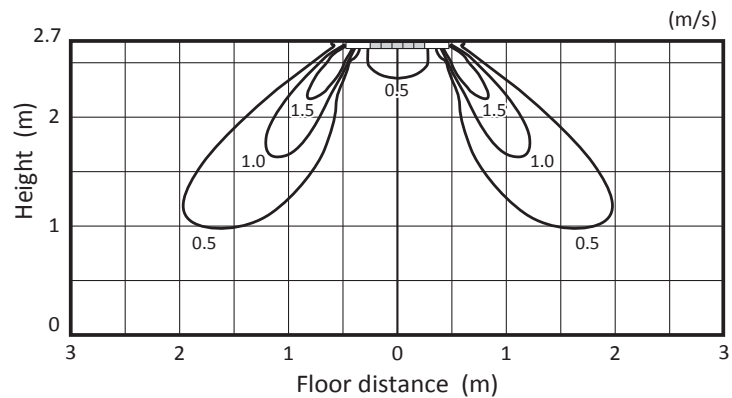


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



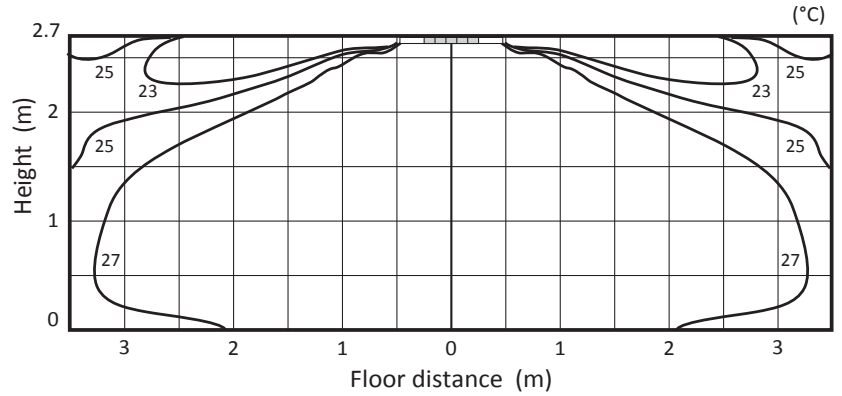
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



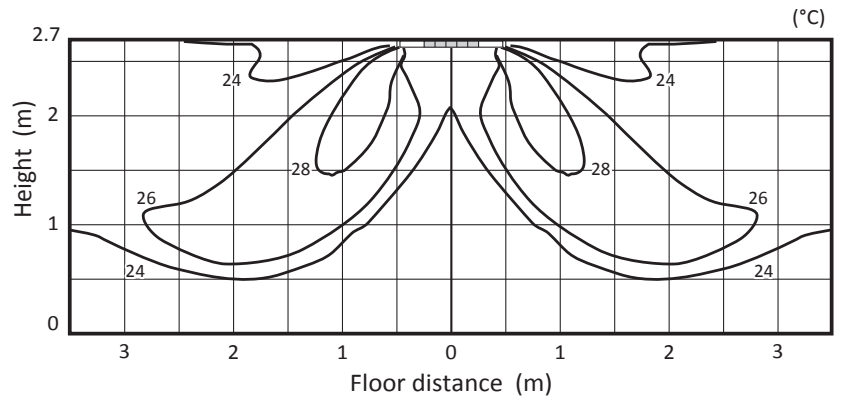
PLA-ZM50EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

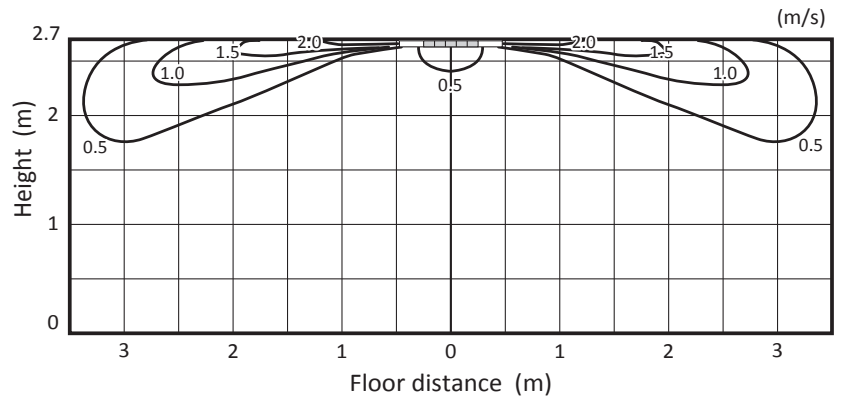


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

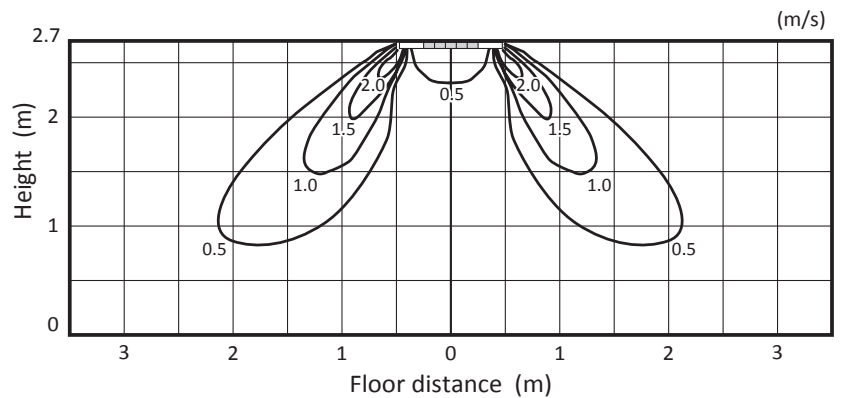


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



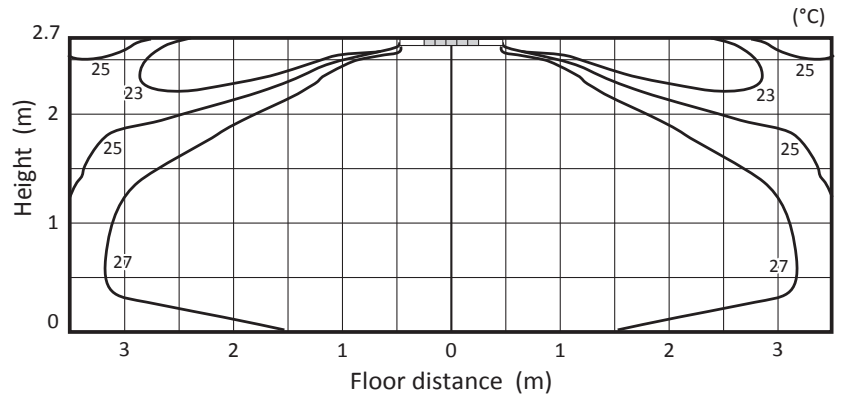
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



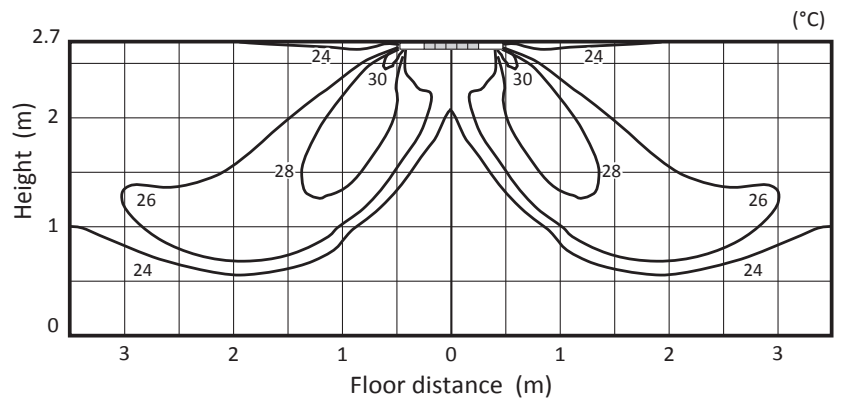
PLA-ZM60EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

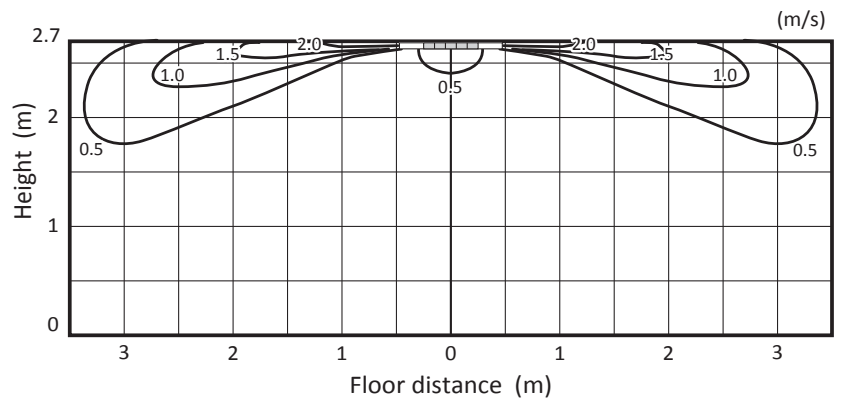


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

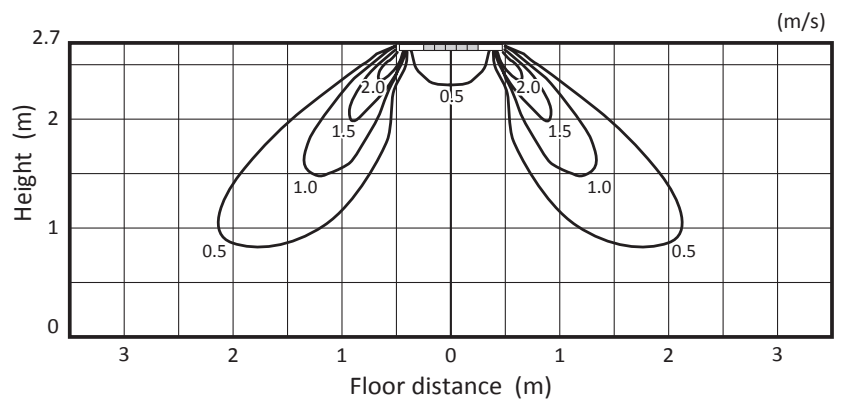


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



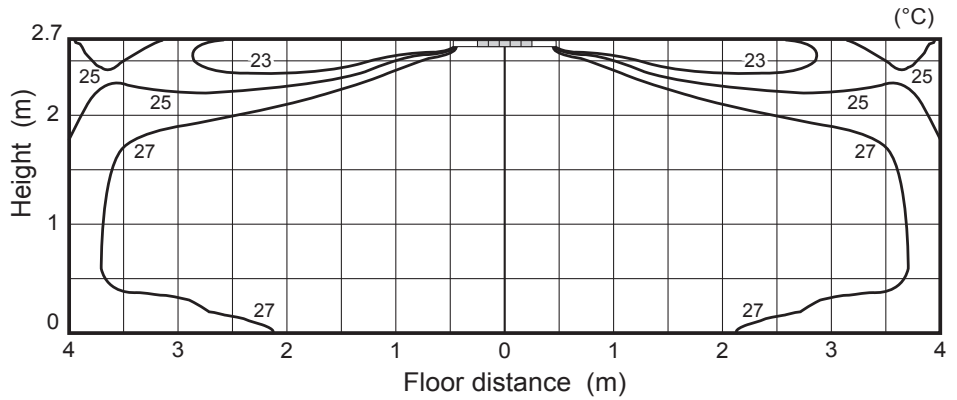
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



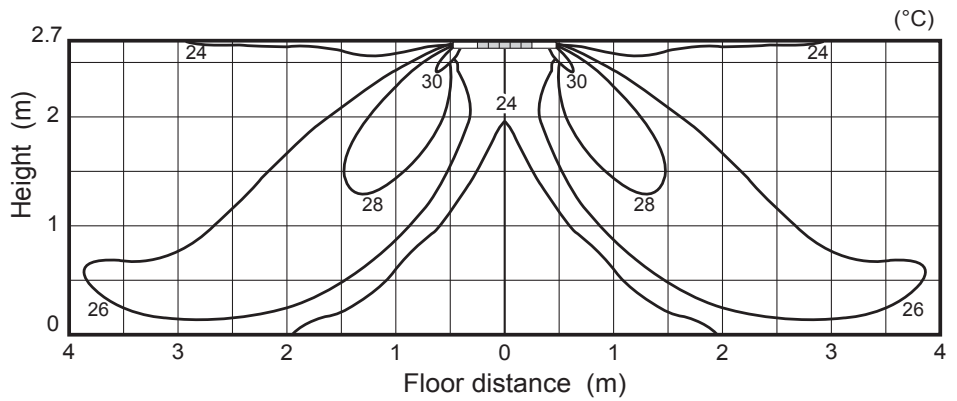
PLA-ZM71EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

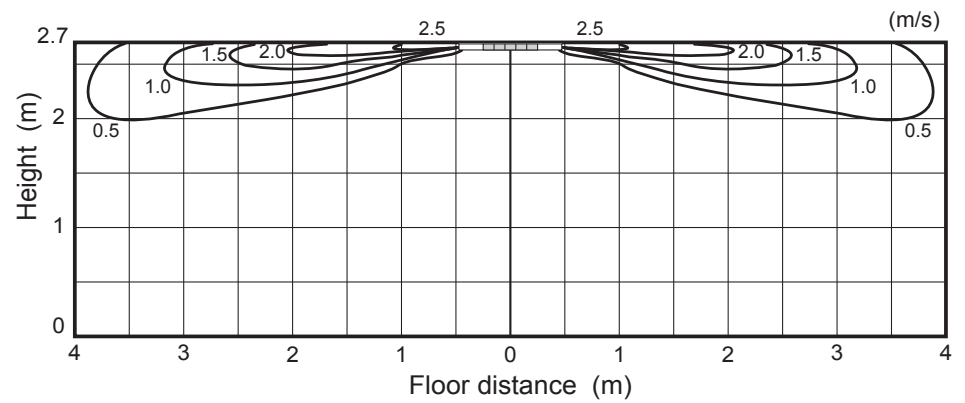


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

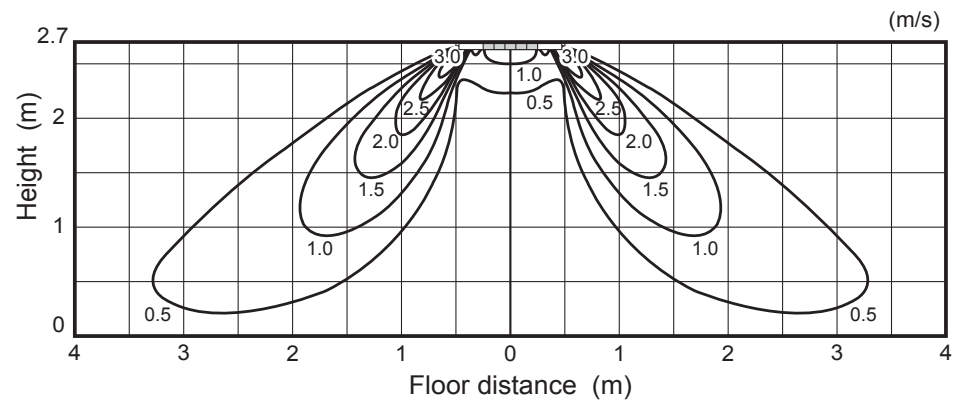


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



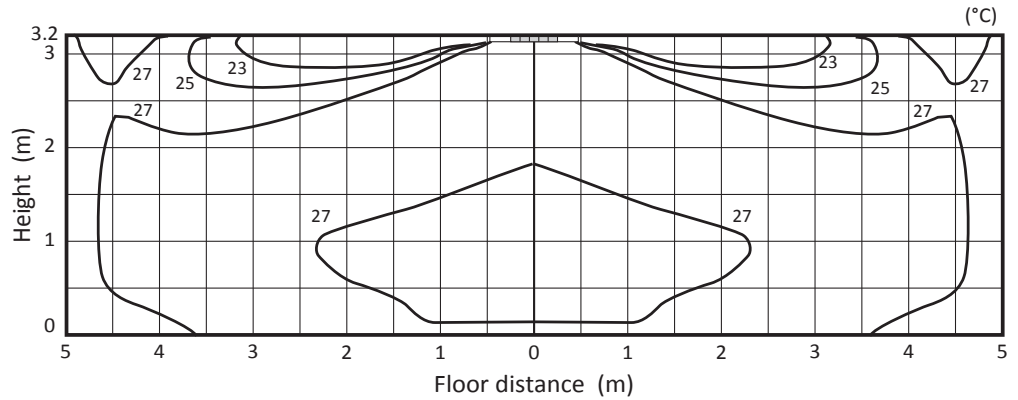
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



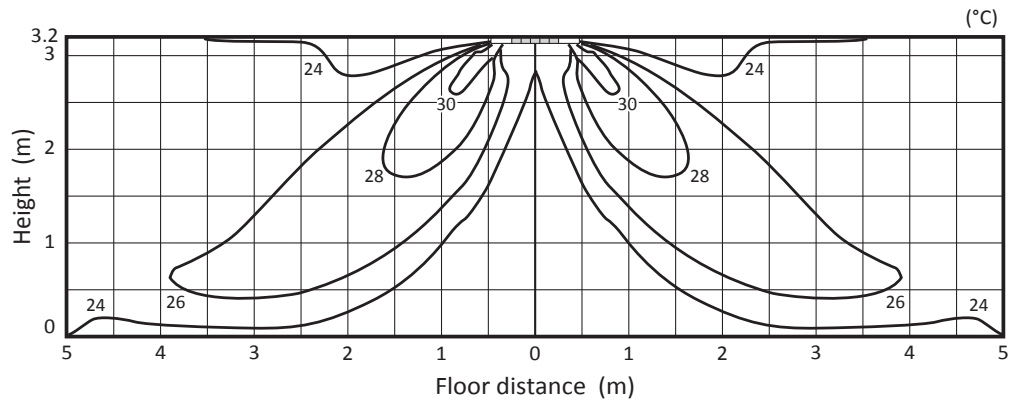
PLA-ZM100EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m

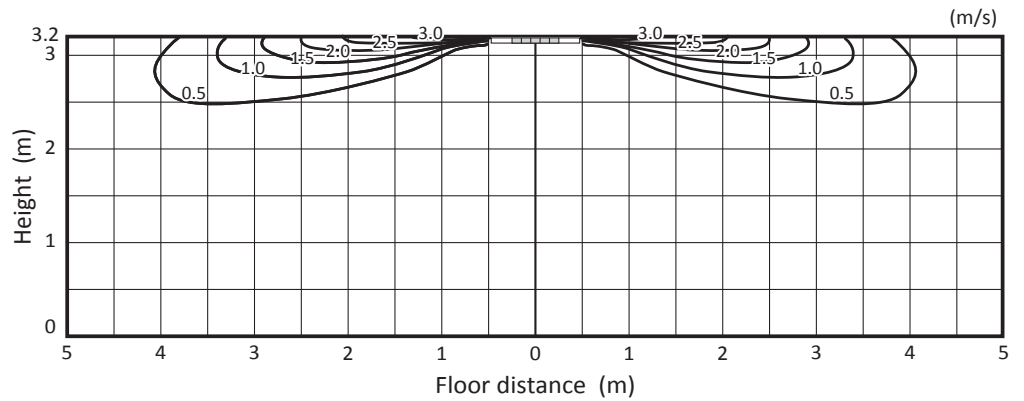


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

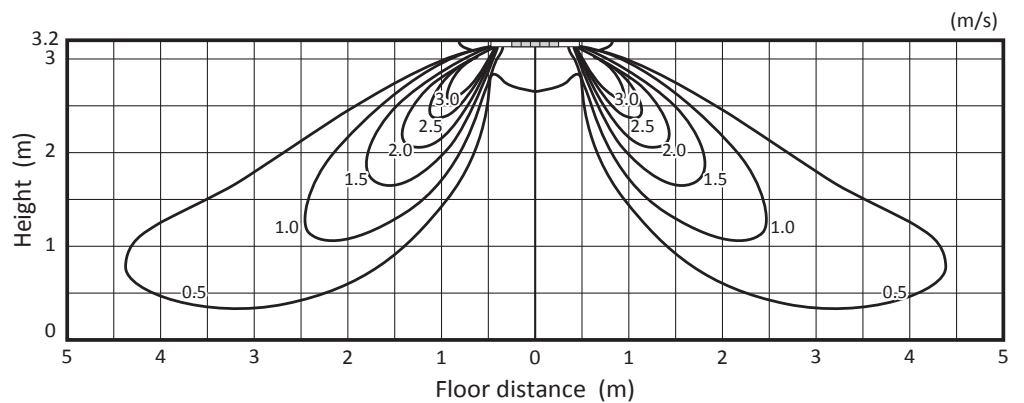


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m



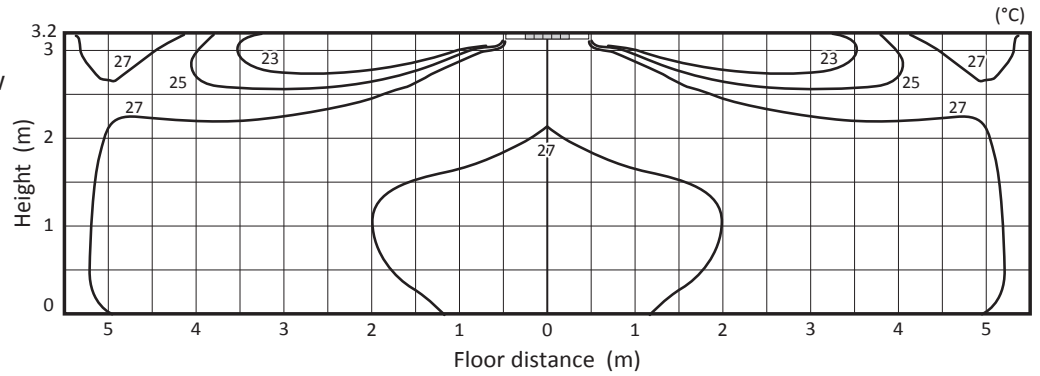
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



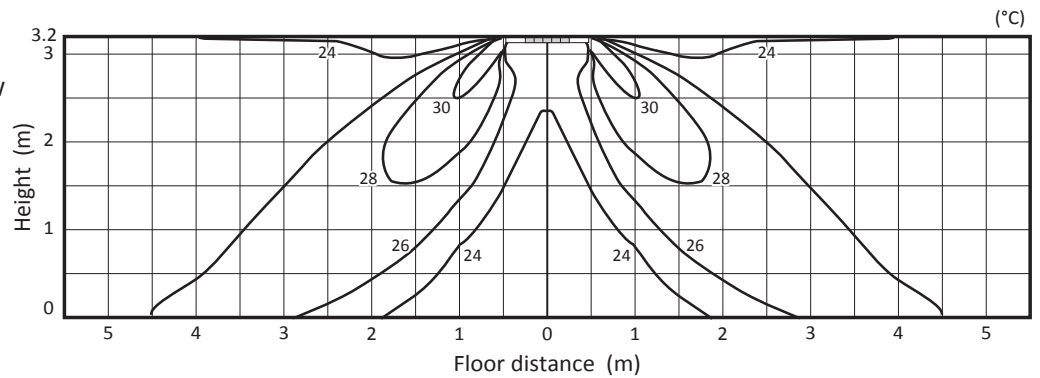
PLA-ZM125EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m

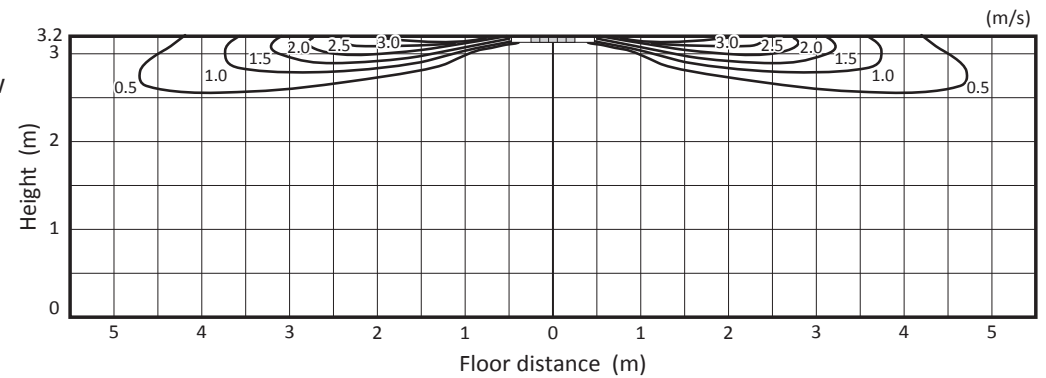


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

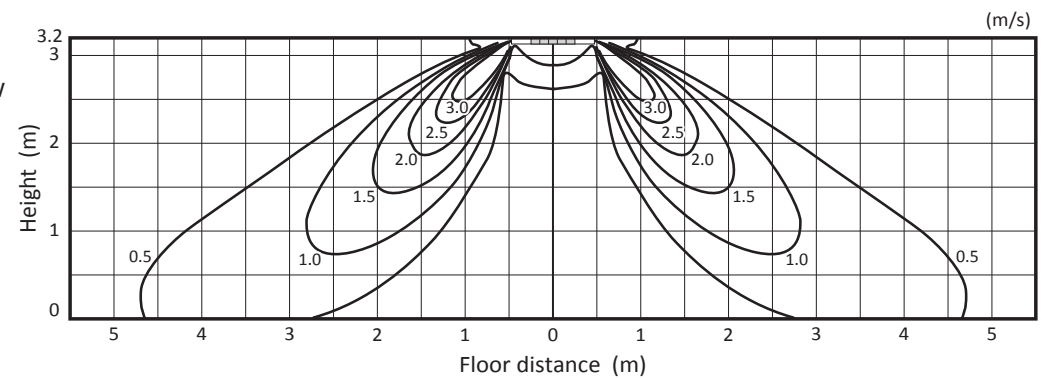


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m



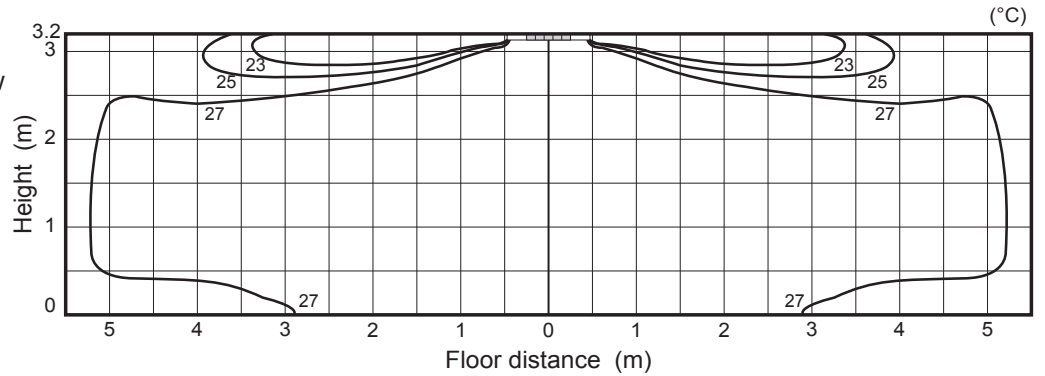
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



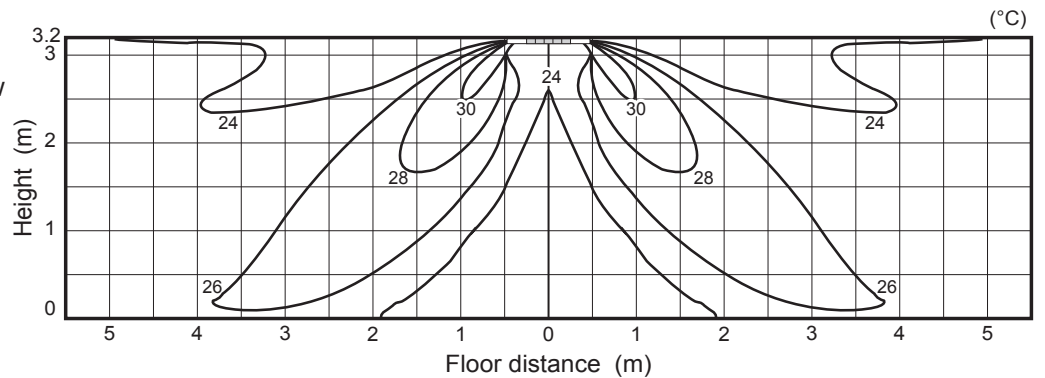
PLA-ZM140EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m

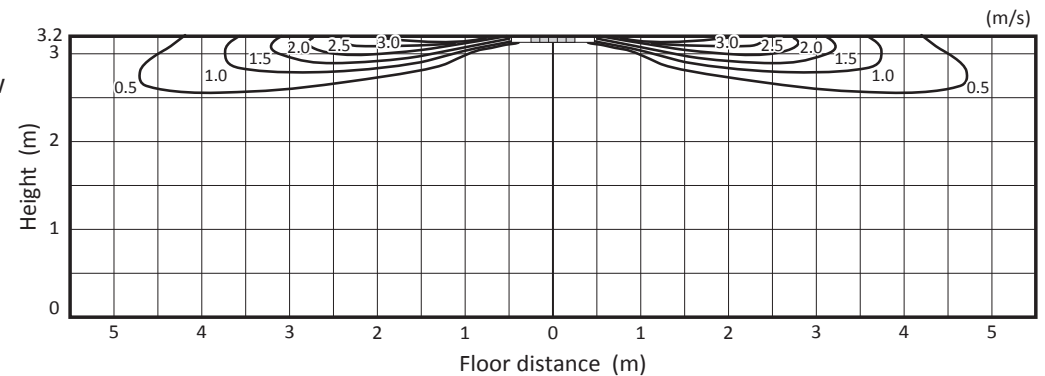


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

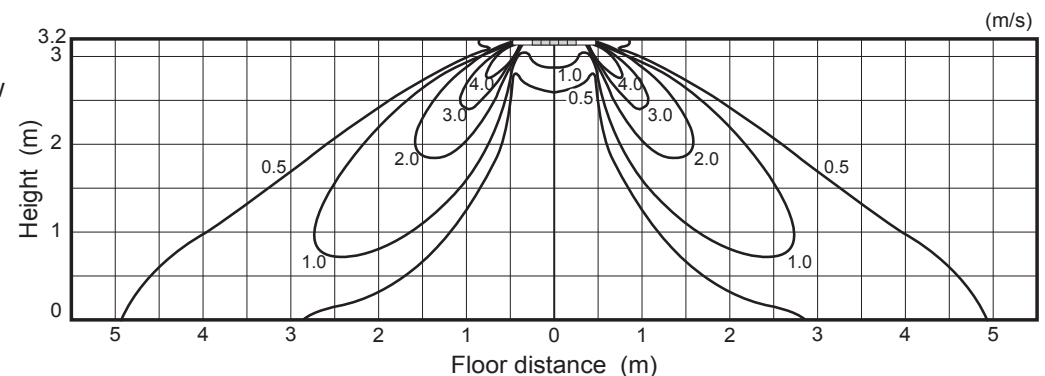


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m

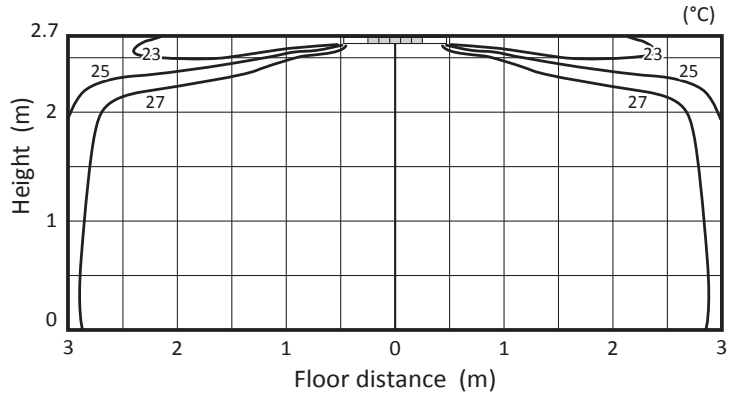


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

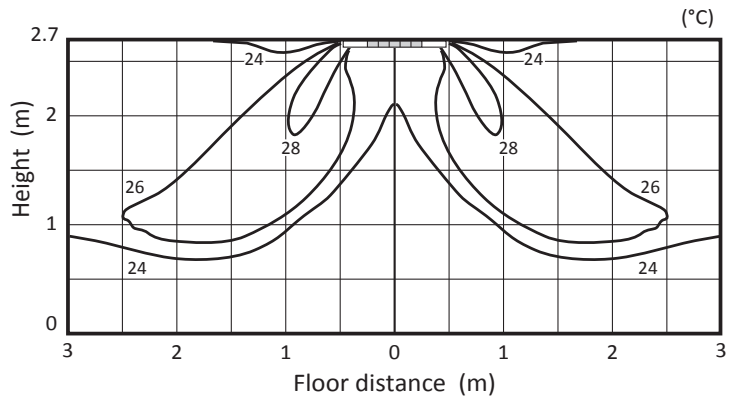


PLA-M35EA2
■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

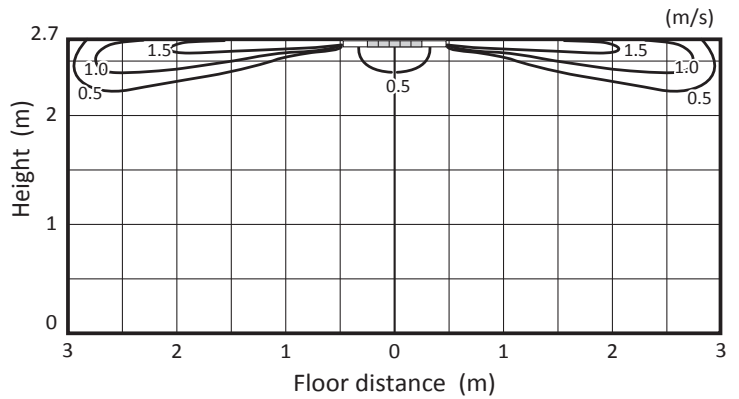


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

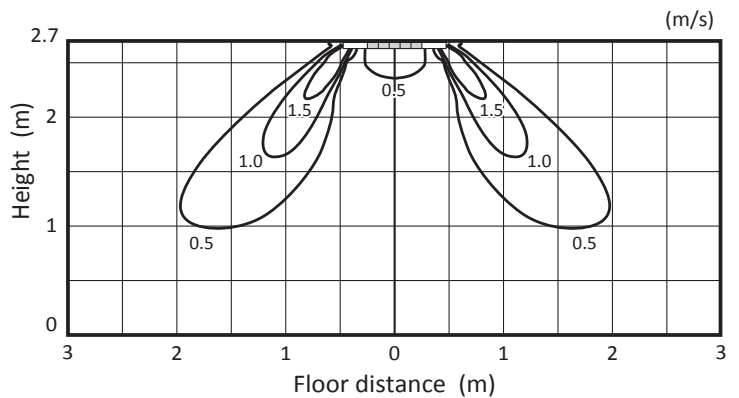


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



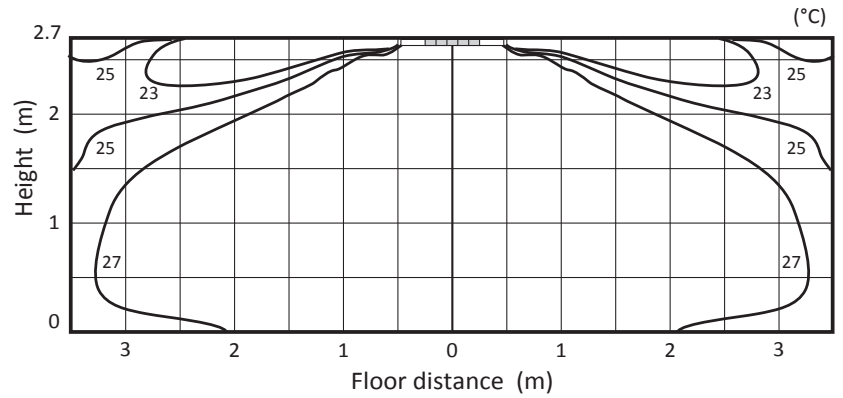
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



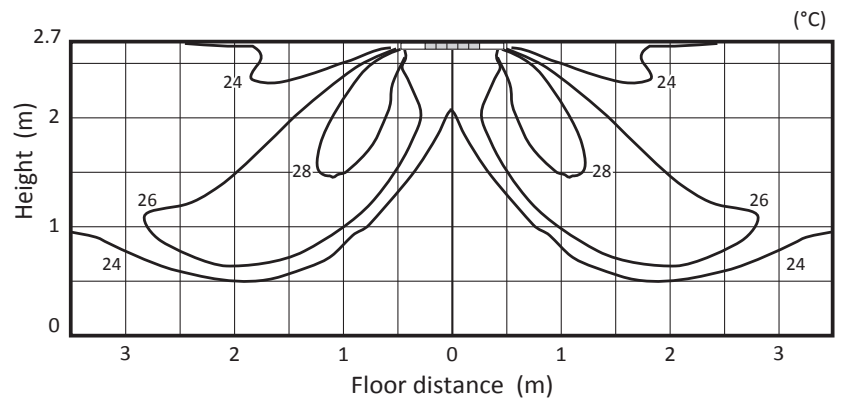
PLA-M50EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

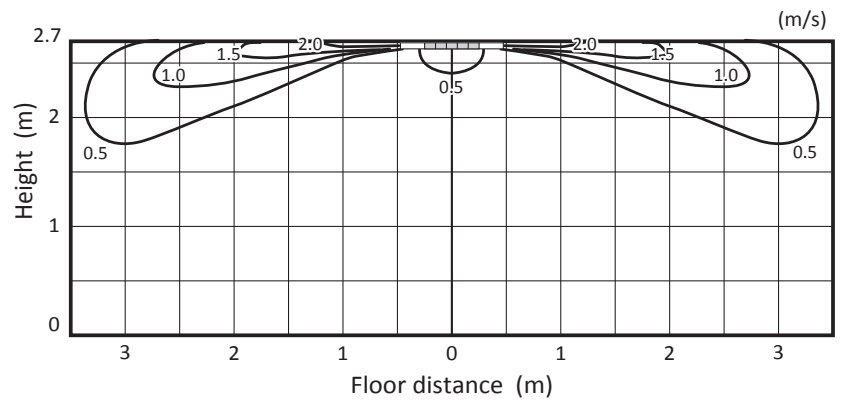


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

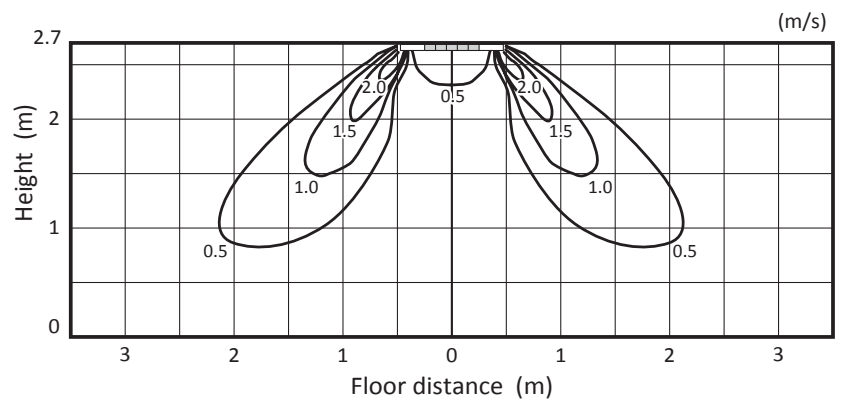


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

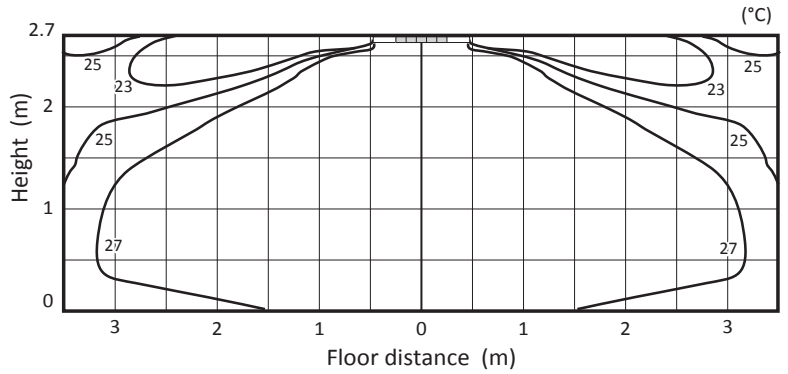


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

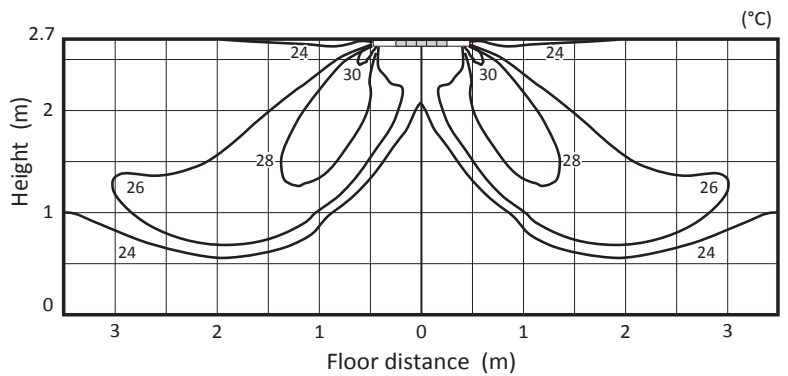


PLA-M60EA2
■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

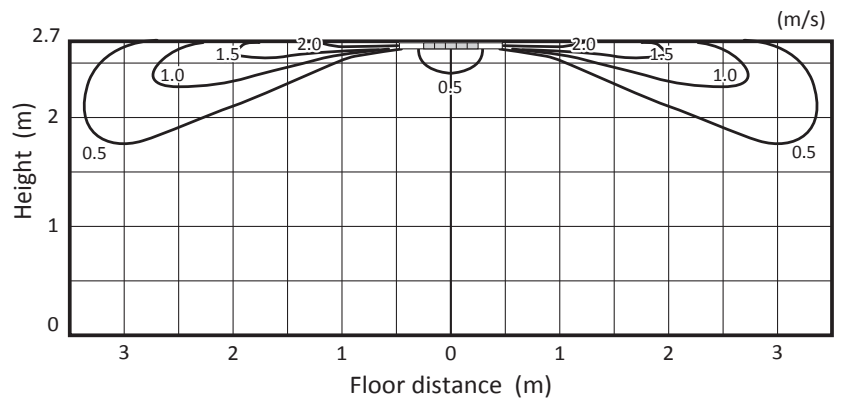


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

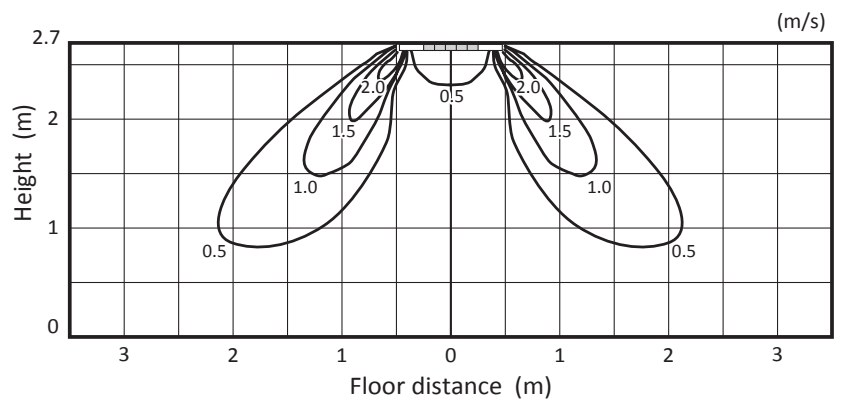


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



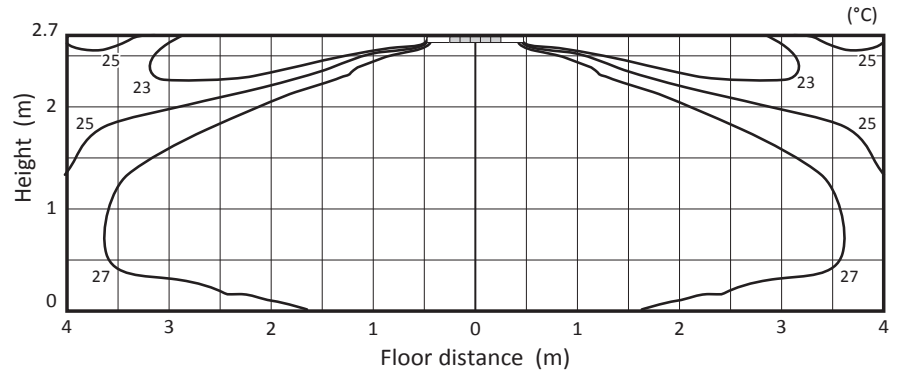
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



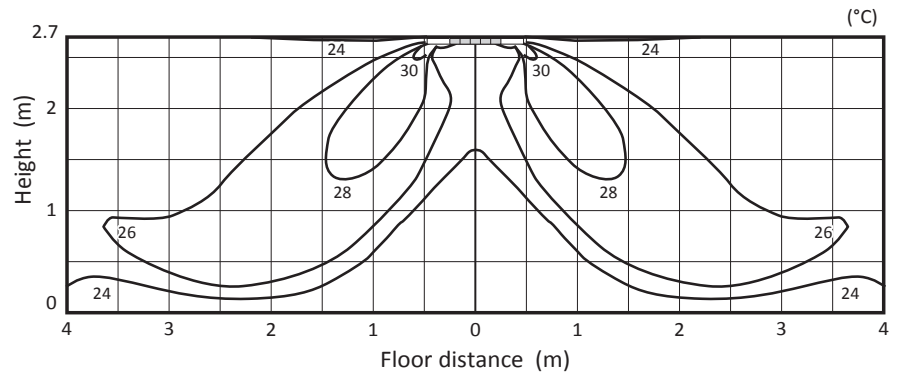
**PLA-M71EA2
PLA-SM71EA2**

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

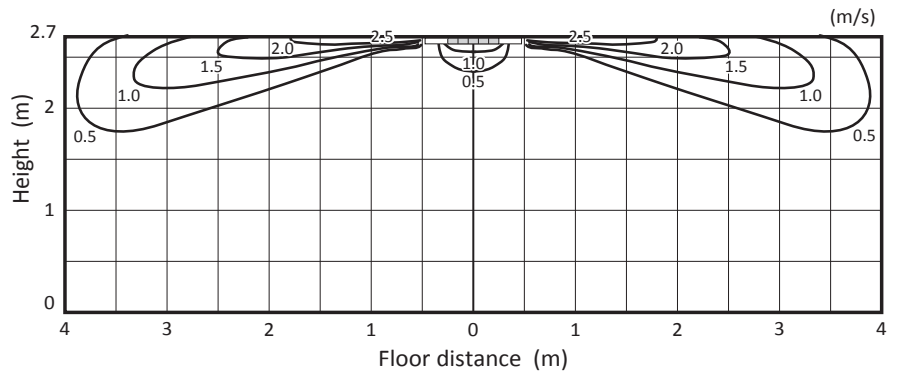


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

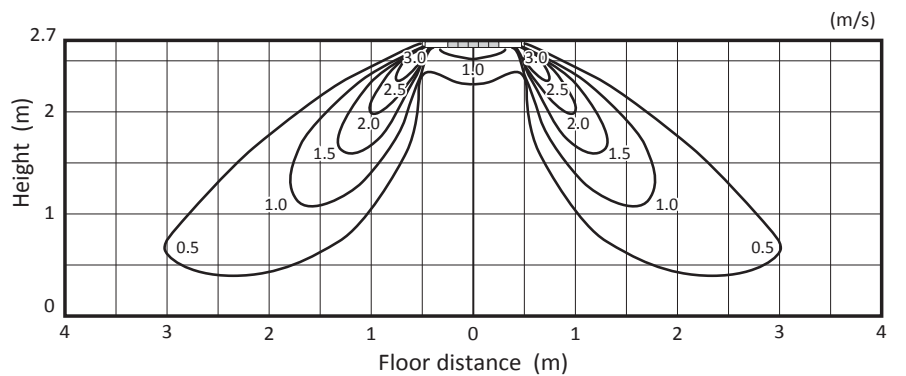


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



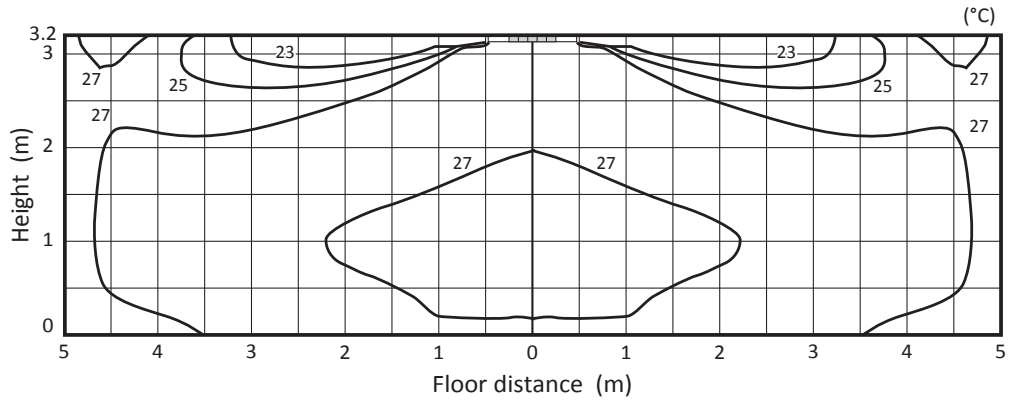
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



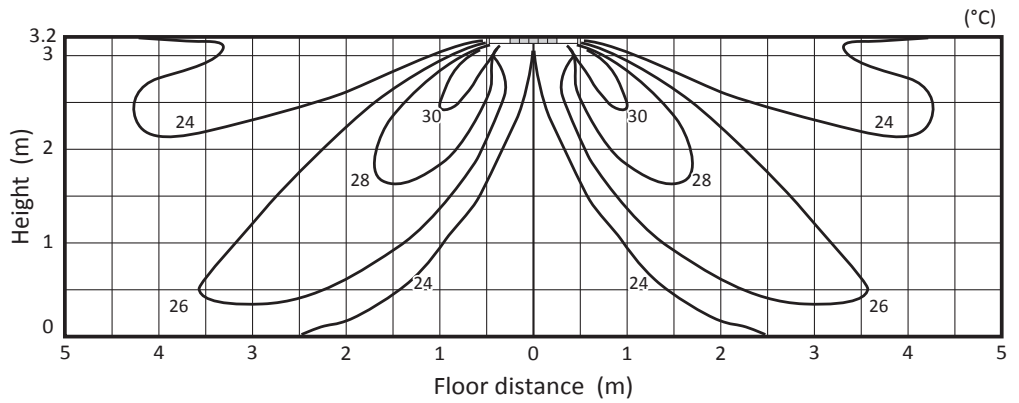
**PLA-M100EA2
PLA-SM100EA2**

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

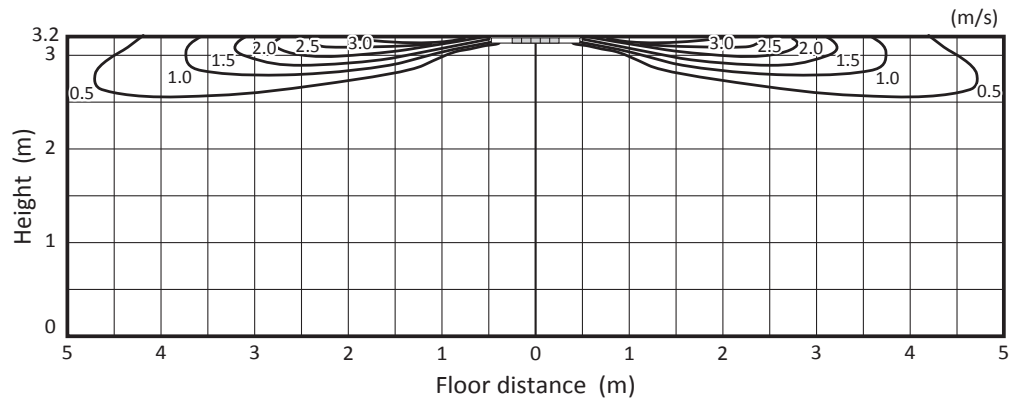


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

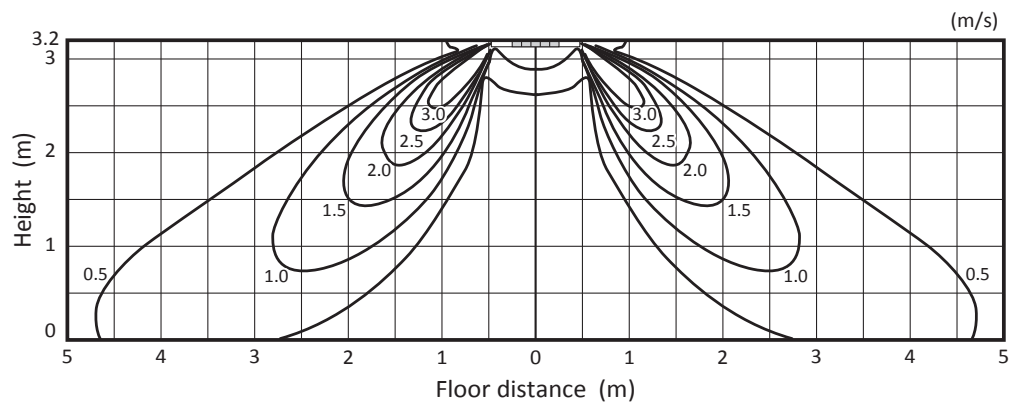


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



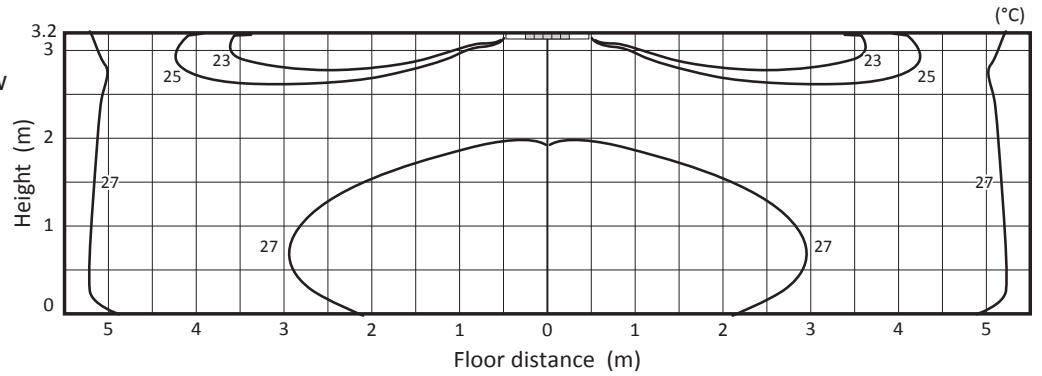
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



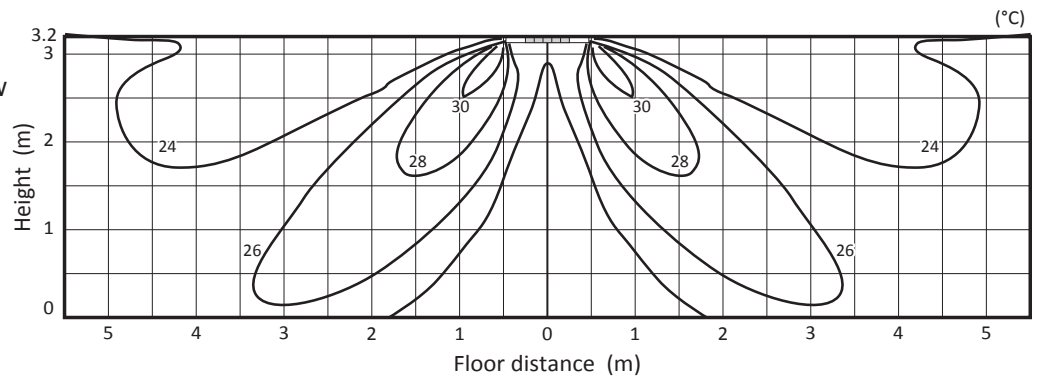
**PLA-M125EA2
PLA-SM125EA2**

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

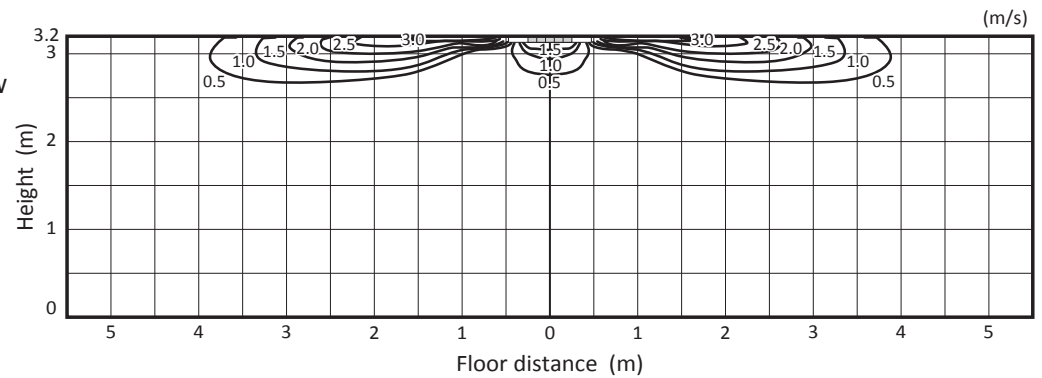


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

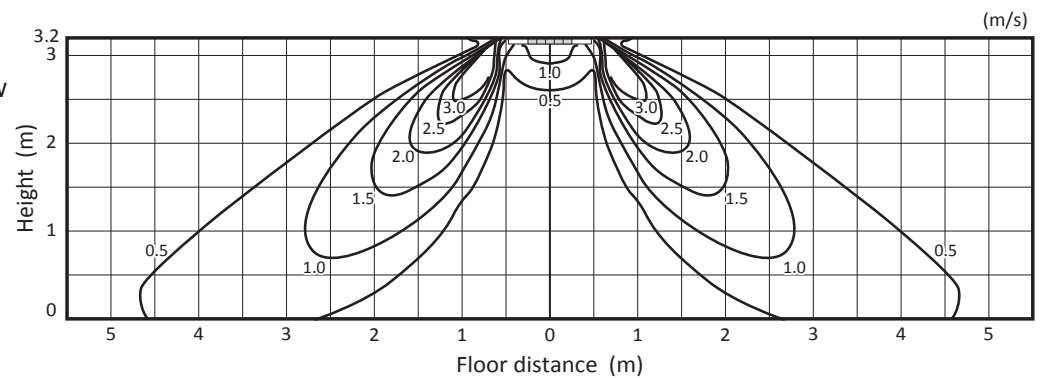


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



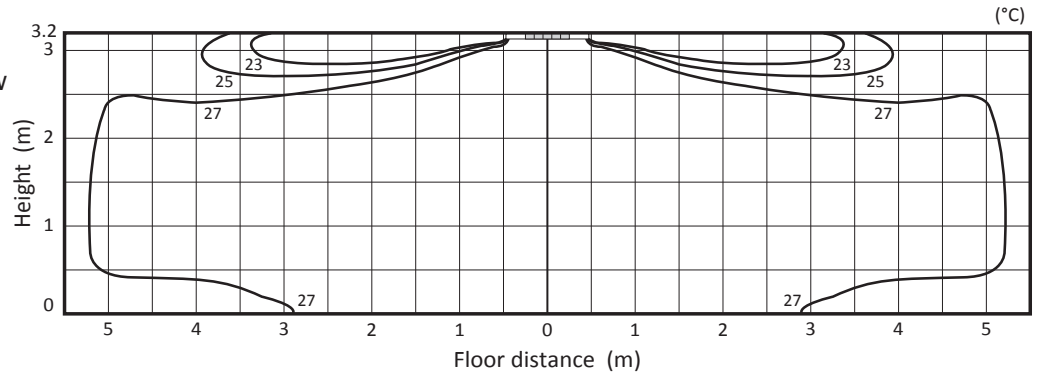
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



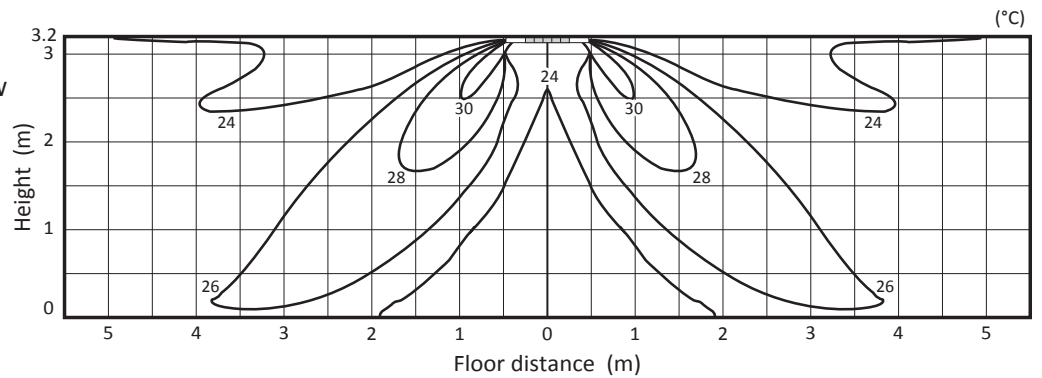
PLA-M140EA2
PLA-SM140EA2

■ **TEMPERATURE DISTRIBUTION**

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

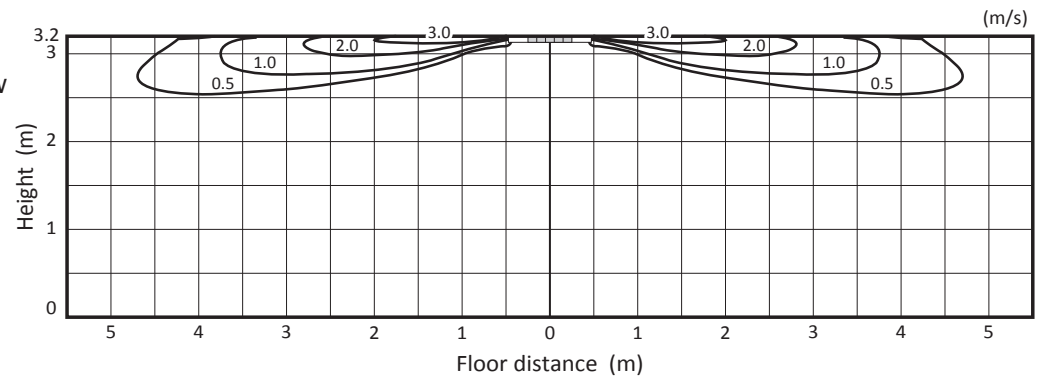


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

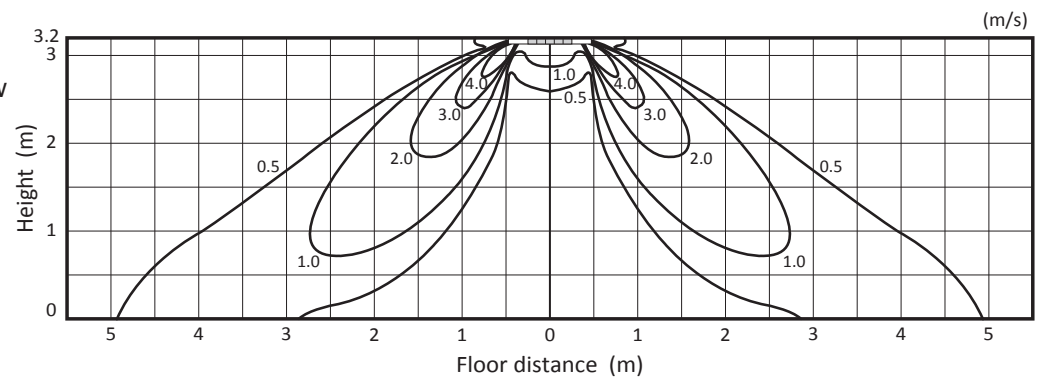


■ **AIRFLOW DISTRIBUTION**

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



A.1.9 OUTLET AIR SPEED AND COVERAGE RANGE

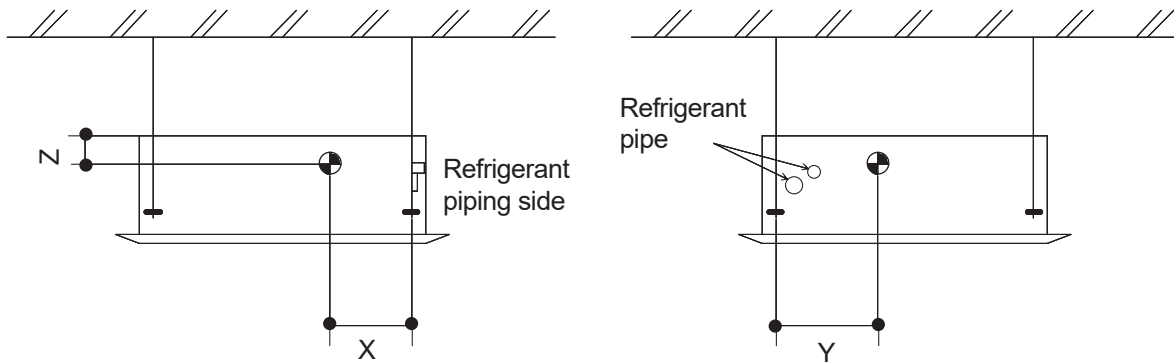
		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM140EA2
Air flow	m ³ /min.	16	18	18	23	28	29	32
Air speed	m/sec.	2.5	2.8	2.8	3.6	4.4	4.5	5.0
Coverage range	m	4.1	4.6	4.6	5.8	7.0	7.3	8.0

		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M140EA2
Air flow	m ³ /min.	16	18	18	21	29	31	32
Air speed	m/sec.	2.5	2.8	2.8	3.3	4.5	4.8	5.0
Coverage range	m	4.1	4.6	4.6	5.3	7.3	7.8	8.0

		PLA-SM71EA2	PLA-SM100EA2	PLA-SM125EA2	PLA-SM140EA2
Air flow	m ³ /min.	21	29	31	32
Air speed	m/sec.	3.3	4.5	4.8	5.0
Coverage range	m	5.3	7.3	7.8	8.0

* The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.1.10 CENTER OF GRAVITY POSITION



Unit: mm

Model	X	Y	Z
PLA-ZM35EA2 PLA-ZM50EA2 PLA-ZM60EA2	325	390	115
PLA-ZM71EA2 PLA-ZM100EA2 PLA-ZM125EA2 PLA-ZM140EA2	325	380	100
PLA-M35EA2 PLA-M50EA2 PLA-M60EA2 PLA-M71EA2	325	390	115
PLA-M100EA2 PLA-M125EA2 PLA-M140EA2	325	380	100
PLA-SM71EA2	325	390	115
PLA-SM100EA2 PLA-SM125EA2 PLA-SM140EA2	325	380	100

A.2 WALL-MOUNTED (PKA)

A.2.1	SPECIFICATIONS	A-140
	A.2.1.1 R32 type.....	A-140
	A.2.1.2 R410A type	A-142
A.2.2	OUTLINES AND DIMENSIONS	A-147
A.2.3	WIRING DIAGRAM.....	A-149
A.2.4	REFRIGERANT SYSTEM DIAGRAM	A-151
A.2.5	PERFORMANCE DATA.....	A-152
	A.2.5.1 R32 type.....	A-152
	A.2.5.2 R410A type	A-159
A.2.6	NOISE CRITERIA CURVES	A-169
	A.2.6.1 SOUND LEVELS	A-169
	A.2.6.2 NOISE CRITERIA CURVES	A-169
A.2.7	TEMPERATURE AND AIR FLOW DISTRIBUTIONS	A-170
A.2.8	OUTLET AIR SPEED AND COVERAGE RANGE	A-171
A.2.9	CENTER OF GRAVITY POSITION	A-171

A.2.1 SPECIFICATIONS

A.2.1.1 R32 type

Model Name		Indoor Unit		PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2	
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VKA2	PUZ-ZM71VHA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase	Single		Single	Single	Single	
			Hz		50	50	50	50
	In	V	—		—	—	—	
			Phase	—		—	—	—
				Hz		—	—	—
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.74	0.66	0.86	0.78	
	Total Input	Rated	kW	0.857	1.239	1.560	1.863	
	EER			4.20	3.71	3.91	3.81	
	Annual Electricity Consumption	kWh/a		194	244	314	365	
	SEER			6.5	6.6	6.8	6.8	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	5.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.0	8.2	10.2	
Total Input		Rated	kW	1.040	1.344	1.732	2.116	
COP				3.94	3.72	4.04	3.78	
Annual Electricity Consumption		kWh/a		829	1074	1464	1530	
SCOP				4.0	4.3	4.2	4.3	
		Energy efficiency class		A+	A+	A+	A+	
Operating Current(max)			A	13.4	13.4	19.4	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05
		Operating Current(max)		A	0.35	0.35	0.43	0.43
	Dimensions	H × W × D		mm	299-898-237	299-898-237	365-1170-295	365-1170-295
	Weight			kg	12.6	12.6	21	21
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45
	Sound Level (PWL)	Cooling		dB(A)	60	60	64	64
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
		Weight		kg	46	46	67	67
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	55	
	Max. Height	Out-In		m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
		Heating	Lower Limit.	°C	-11	-11	-20	
			Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PKA-M100KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2	
		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-M100VKA2	PUZ-M100YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		kW	230	400	230	400
		Phase			Single	Three	Single	Three
		Hz			50	50	50	50
	In	V			—	—	—	—
		Phase			—	—	—	—
		Hz			—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	9.5	9.5	
		Min.	kW	4.9	4.9	4.0	4.0	
		Max.	kW	11.4	11.4	10.6	10.6	
	SHF	Rated		0.73	0.73	0.73	0.73	
	Total Input	Rated	kW	2.435	2.435	2.941	2.941	
	EER			3.90	3.90	3.23	3.23	
	Annual Electricity Consumption		kWh/a	508	519	573	573	
	SEER			6.5	6.4	5.8	5.8	
			Energy efficiency class		A++	A++	A+	A+
	Heating	Capacity	Rated	kW	11.2	11.2	11.2	11.2
Min.			kW	4.5	4.5	2.8	2.8	
Max.			kW	14.0	14.0	12.5	12.5	
Total Input		Rated	kW	3.102	3.102	3.284	3.284	
COP			3.61	3.61	3.41	3.41		
Annual Electricity Consumption		kWh/a	2477	2478	2780	2780		
SCOP			4.4	4.4	4.0	4.0		
		Energy efficiency class		A+	A+	A+	A+	
Operating Current(max)			A	20.6	8.6	20.6	12.1	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	0.08 / 0.07	0.08 / 0.07	0.08 / 0.07
	Operating Current(max)			A	0.57	0.57	0.57	0.57
	Dimensions		H × W × D	mm	365-1170-295	365-1170-295	365-1170-295	365-1170-295
	Weight			kg	21	21	21	21
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-23-26	20-23-26	20-23-26	20-23-26
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49	41-45-49	41-45-49	41-45-49
	Sound Level (PWL)	Cooling		dB(A)	65	65	65	65
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	981-1050-330 (+40)	981-1050-330(+40)
	Weight			kg	105	111	76	78
	Air Volume	Cooling	Rated	m ³ /min.	110	110	79	79
		Heating	Rated	m ³ /min.	110	110	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	51	51
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	51	51	54	54
		Heating		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	20.0	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	55	55	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.2.1.2 R410A type

1. ZUBADAN

Model Name	Indoor Unit			PKA-M100KA(L)2	PKA-M100KA(L)2	
	Outdoor Unit			PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	
Refrigerant				R410A		
Power Supply			Source	Outdoor power supply		
Out	V			230	400	
	Phase			Single	Three	
	Hz			50	50	
	In	V			—	—
		Phase			—	—
		Hz			—	—
Cooling	Capacity	Rated	kW	10.0	10.0	
		Min.	kW	4.9	4.9	
		Max.	kW	11.4	11.4	
	SHF	Rated		0.73	0.73	
	Total Input	Rated	kW	2.924	2.924	
	EER			3.42	3.42	
	Annual Electricity Consumption		kWh/a	673	673	
	SEER			5.2	5.2	
	Energy efficiency class			A	A	
	Heating	Capacity	Rated	kW	11.2	11.2
Min.			kW	4.5	4.5	
Max.			kW	14.0	14.0	
Total Input		Rated	kW	3.103	3.103	
COP			3.61	3.61		
Annual Electricity Consumption		kWh/a	4664	4664		
SCOP			3.8	3.8		
Energy efficiency class			A	A		
Operating Current(max)			A	35.6	13.6	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	
			Operating Current(max)	A	0.57	
	Dimensions	H × W × D		mm	365-1170-295	365-1170-295
	Weight			kg	21	21
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-23-26	20-23-26
	External Static Pressure			Pa	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49	41-45-49
	Sound Level (PWL)	Cooling			65	65
Outdoor Unit	Dimensions	H × W × D		mm	1350-950-330(+30)	1350-950-330(+30)
	Weight			kg	120	134
	Air Volume	Cooling	Rated	m ³ /min.	100	100
		Heating	Rated	m ³ /min.	100	100
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51
			Silent	dB(A)	—	—
		Heating	Rated	dB(A)	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69
	Operating Current(max)			A	35	13
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	
		Gas	mm	15.88	15.88	
	Max.Length	Out-In	m	75	75	
	Max. Height	Out-In	m	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15
			Upper Limit.	°C	+46	+46
		Heating	Lower Limit.	°C	-25	-25
			Upper Limit.	°C	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Power Inverter SERIES

Model Name	Indoor Unit			PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2	
	Outdoor Unit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Refrigerant				R410A				
Power Supply				Outdoor power supply				
Power Supply	Out	Source		V	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.4	6.7	8.1	
	SHF	Rated		0.74	0.66	0.86	0.78	
	Total Input	Rated	kW	0.940	1.424	1.601	1.802	
	EER			3.80	3.23	3.81	3.94	
	Annual Electricity Consumption		kWh/a	206	263	324	367	
	SEER			6.1	6.1	6.5	6.7	
			Energy efficiency class		A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	5.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	1.070	1.501	1.960	2.191	
COP				3.83	3.33	3.57	3.65	
Annual Electricity Consumption			kWh/a	841	1126	1466	1529	
SCOP				3.9	4.1	4.2	4.3	
		Energy efficiency class		A	A+	A+	A+	
Operating Current(max)			A	13.4	13.4	19.4	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05
		Operating Current(max)		A	0.35	0.35	0.43	0.43
	Dimensions	H × W × D		mm	299-898-237	299-898-237	365-1170-295	365-1170-295
	Weight			kg	12.6	12.6	21	21
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45
	Sound Level (PWL)	Cooling		dB(A)	60	60	64	64
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	50	
	Max. Height	Out-In		m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
		Heating	Lower Limit.	°C	-11	-11	-20	
			Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PKA-M100KA(L)2		PKA-M100KA(L)2	
		Outdoor Unit		PUHZ-ZRP100VKA3		PUHZ-ZRP100YKA3	
Refrigerant		R410A					
Power Supply		Outdoor power supply					
Power Supply	Out	Source					
		V	230		400		
		Phase	Single		Three		
	In	V	—		—		
		Phase	—		—		
		Hz	—		—		
Cooling	Capacity	Rated	kW	9.5	9.5		
		Min.	kW	4.9	4.9		
		Max.	kW	11.4	11.4		
	SHF	Rated		0.73	0.73		
	Total Input	Rated	kW	2.398	2.398		
	EER			3.96	3.96		
	Annual Electricity Consumption	kWh/a		522	532		
	SEER			6.3	6.2		
		Energy efficiency class		A++	A++		
	Heating	Capacity	Rated	kW	11.2	11.2	
Min.			kW	4.5	4.5		
Max.			kW	14.0	14.0		
Total Input		Rated	kW	3.043	3.043		
COP				3.68	3.68		
Annual Electricity Consumption		kWh/a		2659	2660		
SCOP				4.1	4.1		
		Energy efficiency class		A+	A+		
Operating Current(max)			A	27.1	8.6		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	0.08 / 0.07	
		Operating Current(max)		A	0.57	0.57	
	Dimensions		H × W × D	mm	365-1170-295	365-1170-295	
	Weight			kg	21	21	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	20-23-26	20-23-26		
	External Static Pressure			Pa	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-45-49	41-45-49		
	Sound Level (PWL)	Cooling		65	65		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight			kg	116	123	
	Air Volume	Cooling	Rated	m ³ /min.	110	110	
		Heating	Rated	m ³ /min.	110	110	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	
			Silent	dB(A)	46	46	
	Sound Level (SPL)	Heating	Rated	dB(A)	51	51	
	Sound Level (PWL)	Cooling		dB(A)	69	69	
	Operating Current(max)			A	26.5	8	
Breaker Size			A	32	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max. Length	Out-In	m	75	75		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
	Heating	Lower Limit.	°C	-20	-20		
		Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Mr.Slim+

Model Name		Indoor Unit		PKA-M71KA2		PKA-M71KAL2		
		Outdoor Unit		PUHZ-FRP71VHA2		PUHZ-FRP71VHA2		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		kW	230	230		
		Phase			Single	Single		
		Hz			50	50		
	In	V			—	—		
		Phase			—	—		
Cooling	Capacity	Rated	kW	7.1	7.1			
		Min.	kW	3.3	3.3			
		Max.	kW	8.1	8.1			
	SHF	Rated		0.78	0.78			
	Total Input	Rated	kW	1.934	1.934			
	EER				3.67	3.67		
	Annual Electricity Consumption			kWh/a	386	386		
	SEER				6.4	6.4		
			Energy efficiency class			A++	A++	
	Heating	Capacity	Rated	kW	8.0	8.0		
Min.			kW	3.5	3.5			
Max.			kW	10.2	10.2			
Total Input		Rated	kW	2.285	2.285			
COP					3.50	3.50		
Annual Electricity Consumption				kWh/a	1564	1564		
SCOP					4.2	4.2		
		Energy efficiency class			A+	A+		
Operating Current(max)			A	19.4	19.4			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.05	0.06 / 0.05		
	Operating Current(max)			A	0.43	0.43		
	Dimensions			H × W × D	mm	365-1170-295	365-1170-295	
	Weight				kg	21	21	
	Air Volume	Lo-Mid-Hi		m ³ /min.	18-20-22	18-20-22		
	External Static Pressure				Pa	0	0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	39-42-45	39-42-45		
Sound Level (PWL)	Cooling				64	64		
Outdoor Unit	Dimensions			H × W × D	mm	943-950-330	943-950-330	
	Weight				kg	73	73	
	Air Volume	Cooling	Rated	m ³ /min.	50	50		
		Heating	Rated	m ³ /min.	50	50		
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	49	49		
	Sound Level (PWL)	Cooling		dB(A)	67	67		
	Operating Current(max)				A	19.0	19.0	
	Breaker Size				A	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max.Length	Out-In		m	60	60		
	Max. Height	Out-In		m	20	20		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	46	46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	21	21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

4. Standard Inverter SERIES

Model Name		Indoor Unit		PKA-M100KA(L)2		PKA-M100KA(L)2		
		Outdoor Unit		PUHZ-P100VKA		PUHZ-P100YKA		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
	Out			V	230	400		
				Phase	Single	Three		
				Hz	50	50		
	In			V	—	—		
				Phase	—	—		
				Hz	—	—		
Cooling	Capacity	Rated	kW	9.4	9.4			
		Min.	kW	3.7	3.7			
		Max.	kW	10.6	10.6			
	SHF	Rated		0.73	0.73			
	Total Input	Rated	kW	3.122	3.122			
	EER			3.01	3.01			
	Annual Electricity Consumption			kWh/a	586	586		
	SEER			5.6	5.6			
			Energy efficiency class		A+	A+		
Heating	Capacity	Rated	kW	11.2	11.2			
		Min.	kW	2.8	2.8			
		Max.	kW	12.5	12.5			
	Total Input	Rated	kW	3.489	3.489			
	COP			3.21	3.21			
	Annual Electricity Consumption			kWh/a	2799	2799		
	SCOP			4.0	4.0			
			Energy efficiency class		A+	A+		
Operating Current(max)			A	20.6	12.1			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	0.08 / 0.07		
	Operating Current(max)			A	0.57	0.57		
	Dimensions			H × W × D	mm	365-1170-295	365-1170-295	
	Weight				kg	21	21	
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-23-26	20-23-26		
	External Static Pressure				Pa	0	0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49	41-45-49		
	Sound Level (PWL)	Cooling			65	65		
Outdoor Unit	Dimensions			H × W × D	mm	981-1050-330	981-1050-330	
	Weight				kg	76	78	
	Air Volume	Cooling	Rated	m ³ /min.	79	79		
		Heating	Rated	m ³ /min.	79	79		
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51		
			Silent	dB(A)	49	49		
		Heating	Rated	dB(A)	54	54		
	Sound Level (PWL)	Cooling		dB(A)	70	70		
	Operating Current(max)				A	20	11.5	
	Breaker Size				A	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max. Length	Out-In	m	50	50			
	Max. Height	Out-In	m	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+21	+21		

(*1) Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2) Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

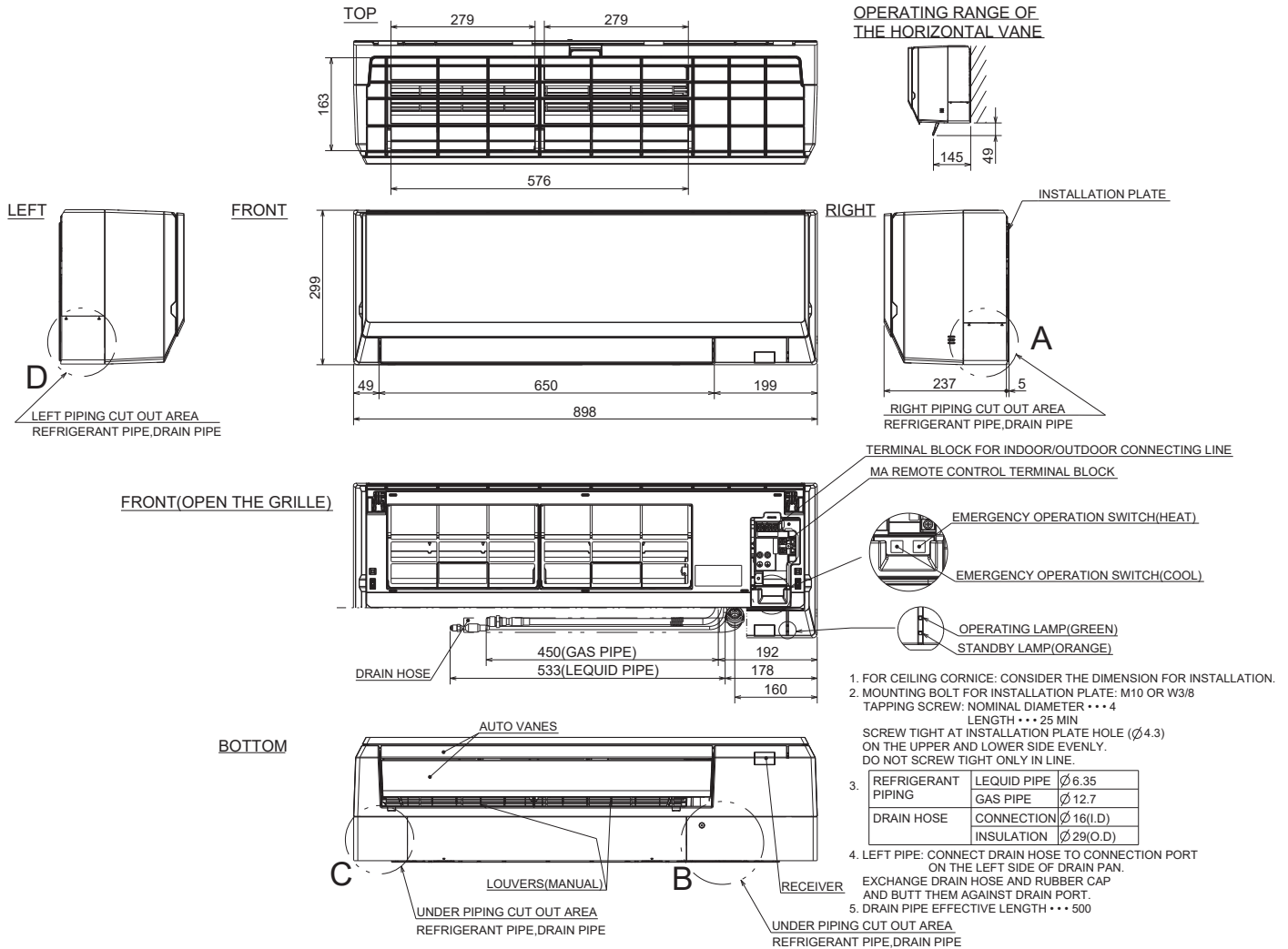
A.2.2 OUTLINES AND DIMENSIONS

Unit: mm

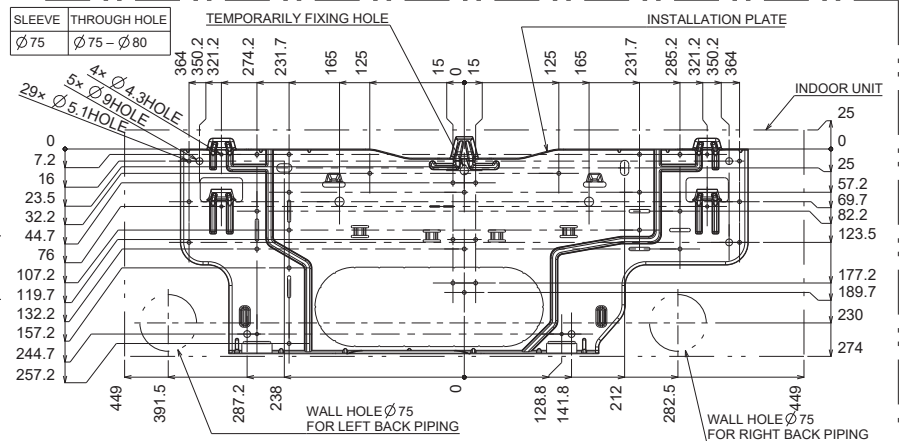
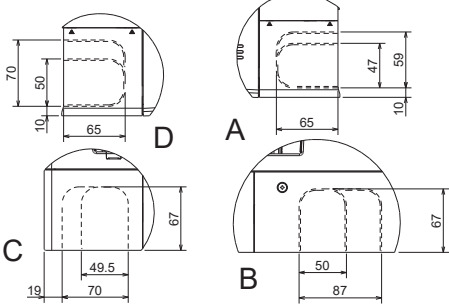
PKA-M35LA2 PKA-M35LAL2
 PKA-M50LA2 PKA-M50LAL2

WALL-MOUNTED

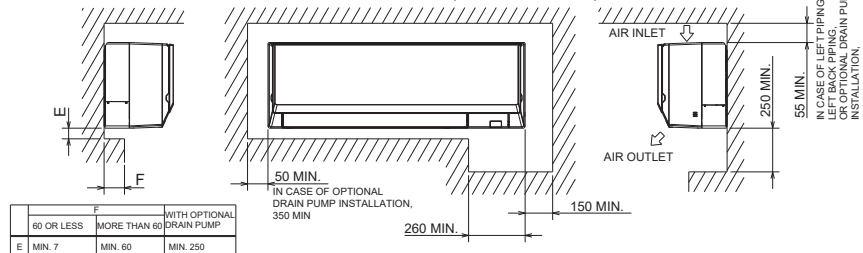
OUTLINES AND DIMENSIONS



DETAILS OF CUT OUT FOR PIPING HOLE



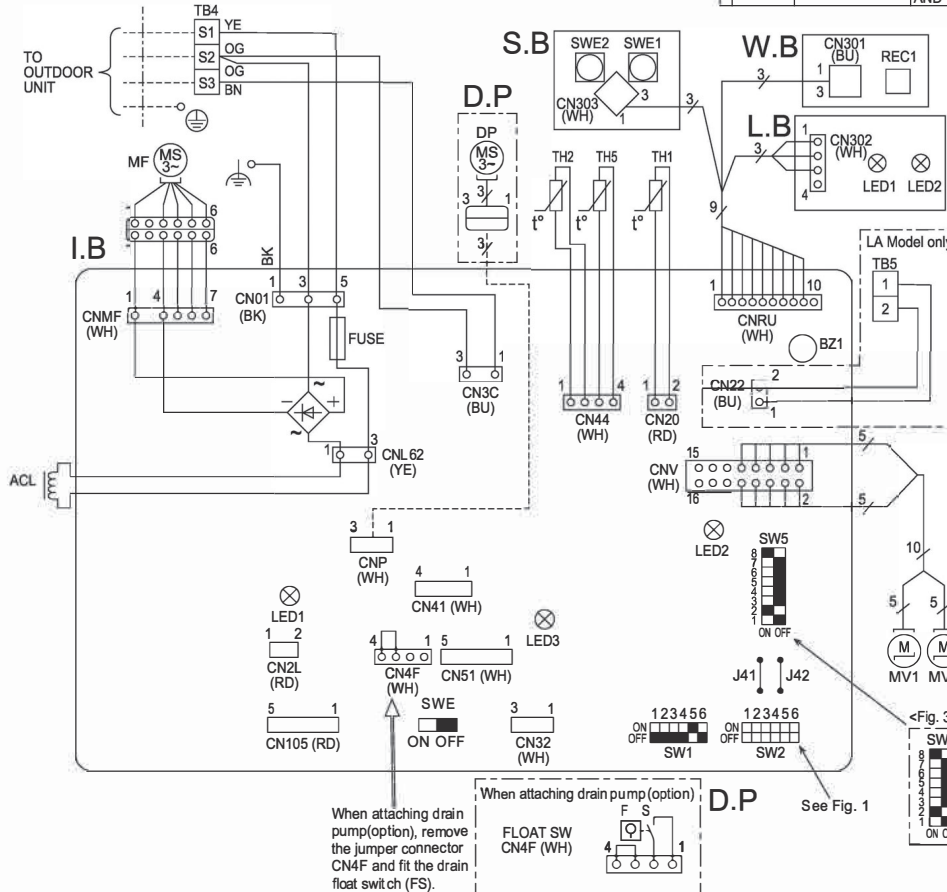
REQUIRED SPACE (INDOOR UNIT)



A.2.3 WIRING DIAGRAM

PKA-M35LA2 PKA-M35LAL2
PKA-M50LA2 PKA-M50LAL2

[LEGEND]			
SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK INDOOR/OUTDOOR CONNECTING LINE
BZ1	BUZZER	TB5	REMOTE CONTROLLER
CNP	CONNECTOR DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))	TH1	THERMISTOR ROOM TEMP. DETECTION (0°C / 15kΩ, 25°C / 5.4kΩ)
CN2L	LOSSNAY	TH2	PIPE TEMP. DETECTION/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ)
CN32	REMOTE SWITCH	TH5	COND. / EVA. TEMP. DETECTION (0°C / 15kΩ, 25°C / 5.4kΩ)
CN41	HA TERMINAL-A	S.B	SWITCH BOARD
CN4F	DRAIN FLOAT SWITCH (DRAIN PUMP (OPTION))	SWE1	EMERGENCY OPERATION (HEAT)
CN51	CENTRALLY CONTROL	SWE2	EMERGENCY OPERATION (COOL)
CN105	IT TERMINAL	W.B	PCB FOR WIRELESS RECEIVER
FUSE	FUSE (T3.15A/250V)	REC1	RECEIVING UNIT
LED1	POWER SUPPLY (I.B)	L.B	LED BOARD
LED2	POWER SUPPLY (REMOTE CONTROLLER)	LED1	LED (OPERATION INDICATION : GREEN)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW1	SWITCH MODEL SELECTION	ACL	REACTOR
SW2	CAPACITY CODE	OPTION PART	
SW5	FUNCTION SETTING	D.P	DRAIN PUMP KIT
SWE	FAN DRAINPUMP (TEST MODE)	FS	DRAIN FLOAT SWITCH
MF	FAN MOTOR	DP	DRAIN PUMP
MV1	VANE MOTOR (UPPER)	TB2	TERMINAL BLOCK INDOOR UNIT POWER AND TRANSMISSION LINE
MV2	VANE MOTOR (LOWER)		

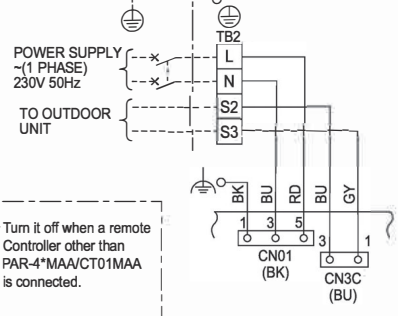


- NOTES:
- Symbols used in wiring diagram on the left are, :Terminal (block), :Connector.
 - Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 - Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 - This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
 - If the separate indoor/outdoor unit power supplied system is applied, refer to Fig. 2.
 - For power supply system of this unit, refer to the caution label located near this diagram.

<Fig. 1> The black square (■) indicates a switch position.

Models	SW2
M35	ON OFF
M50	ON OFF

<Fig. 2>



<Fig. 3> Turn it off when a remote Controller other than PAR-4*MAA/CT01MAA is connected.

[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

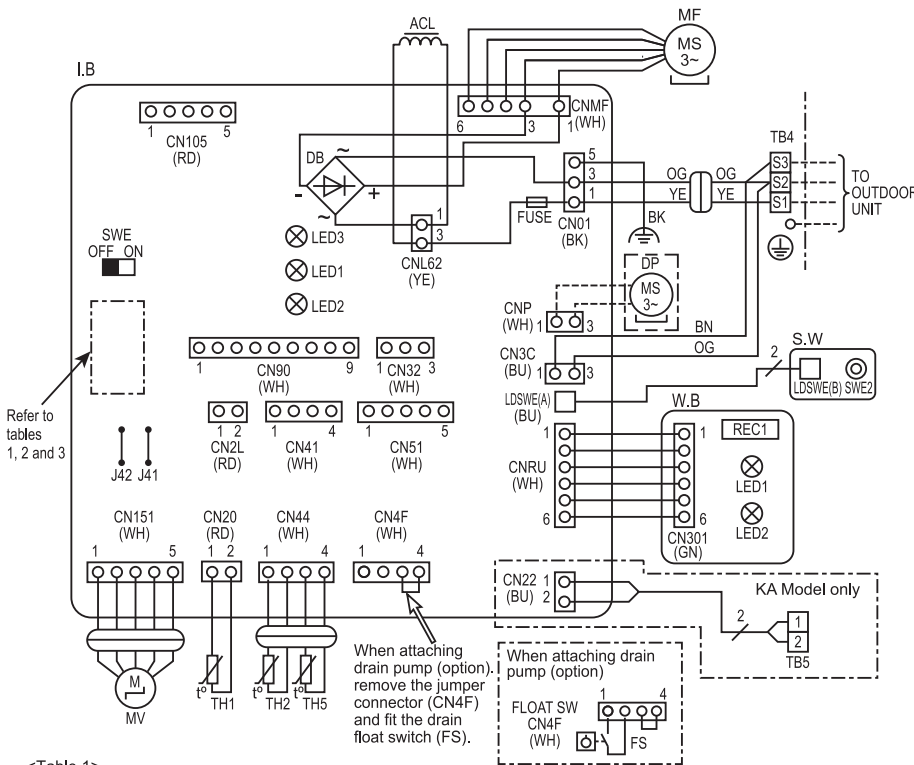
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
P5	Malfunction of Drain pump.	E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P6	Freezing / overheating protection is working.	FB(Fb)	Abnormality of indoor controller board.
P8	Abnormality of pipe temperature.	U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
P9	Abnormality of pipe temperature thermistor / Cond. /Eva. (TH5).		
PA	Leakage error (refrigerant system)		

PKA-M60KA2 PKA-M60KAL2
PKA-M71KA2 PKA-M71KAL2
PKA-M100KA2 PKA-M100KAL2

WALL-MOUNTED WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	S.W	SWITCH BOARD
CNP	DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))	SWE2	EMERGENCY OPERATION
CN105	CONNECTOR	TB2	TERMINAL BLOCK
CN2L	LOSSNAY	TB4	INDOOR UNIT POWER (OPTION)
CN32	REMOTE SWITCH	TB5	INDOOR/OUTDOOR CONNECTING LINE
CN41	HA TERMINAL-A	TH1	REMOTE CONTROLLER TRANSMISSION LINE
CN4F	DRAIN PUMP (OPTION)	TH2	THERMISTOR
CN51	CENTRALLY CONTROL	TH5	ROOM TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)
CN90	REMOTE OPERATION ADAPTER	TH2	PIPE TEMP. DETECTION/LIQUID (0°C/15kΩ, 25°C/5.4kΩ)
FUSE	FUSE (T3.15A/250V)	TH5	COND./EVA. TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)
LED1	POWER SUPPLY (I.B)	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
LED2	POWER SUPPLY (REMOTE CONTROLLER)	LED1	LED (OPERATION INDICATION : GREEN)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW1	SWITCH	REC1	RECEIVING UNIT
SW2	MODEL SELECTION * Refer to <table 1>	ACL	REACTOR
SW5	CAPACITY CODE * Refer to <table 2>	DP	DRAIN PUMP (OPTION)
SWE	FUNCTION SETTING * Refer to <table 3>	FS	DRAIN FLOAT SWITCH (OPTION)
MV	VANE MOTOR		
MF	FAN MOTOR		

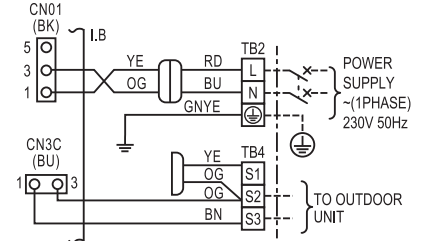


Notes:

1. Symbols used in this wiring diagram are, : Connector, : Terminal (block).
2. Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.

- *1 : When work to supply power separately to indoor and outdoor units was applied, refer to Fig. 1.
- *2 : For power supply system of this unit, refer to the caution label located near this diagram.

*1 (Fig. 1)



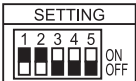
<Table 3> SW5 (FUNCTION SETTING)



Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.

<Table 1>

SW1 (MODEL SELECTION)



<Table 2>

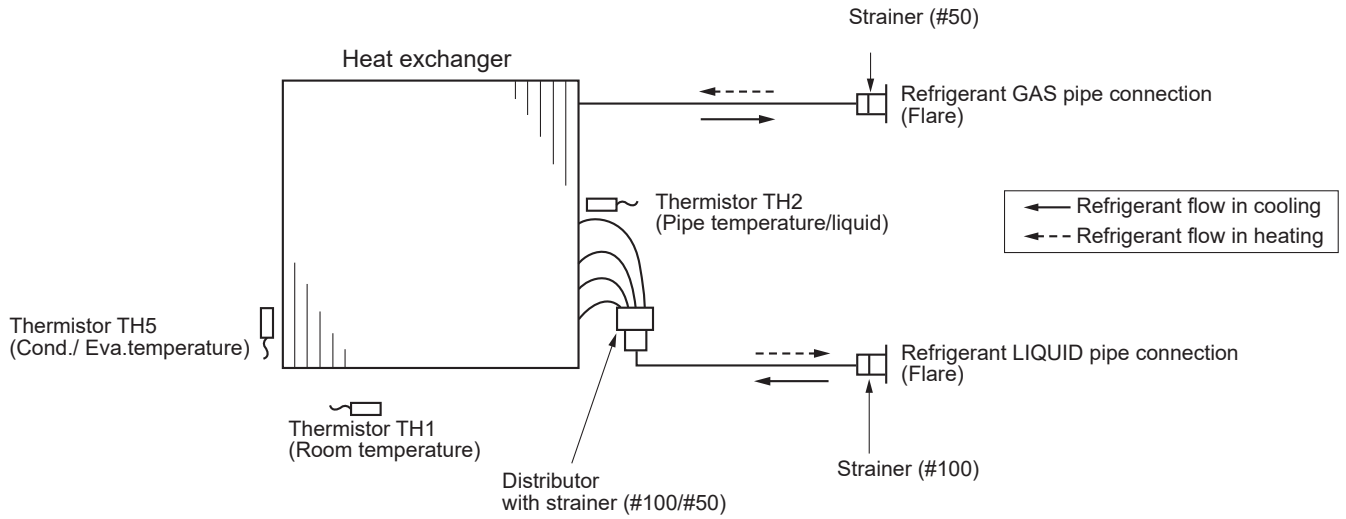
SW2 (CAPACITY CODE)

CAPACITY		SETTING		CAPACITY		SETTING		CAPACITY		SETTING	
60		71		100							

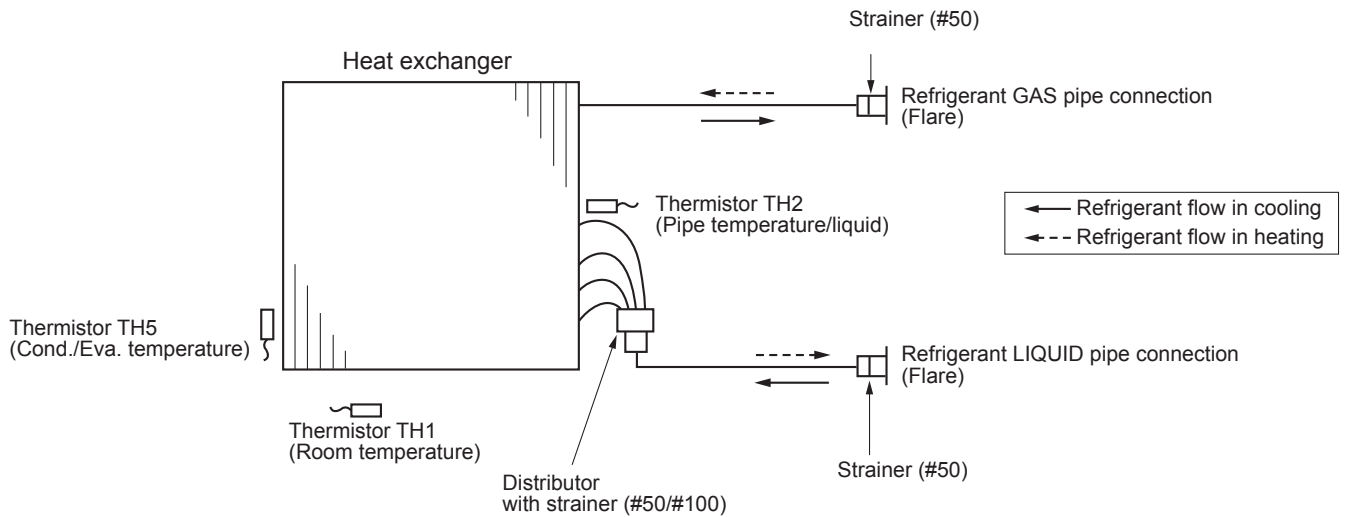
The black square (■) indicates a switch position.

A.2.4 REFRIGERANT SYSTEM DIAGRAM

- PKA-M35LA2
- PKA-M35LAL2
- PKA-M50LA2
- PKA-M50LAL2



- PKA-M60KA2
- PKA-M60KAL2
- PKA-M71KA2
- PKA-M71KAL2
- PKA-M100KA2
- PKA-M100KAL2



A.2.5 PERFORMANCE DATA

A.2.5.1 R32 type COOLING CAPACITY

PKA-M35LA2 PKA-M35LAL2 / PUZ-ZM35VKA2

WALL-MOUNTED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.722	2.613	0.96	0.628	2.659	2.553	0.96	0.686	2.595	2.491	0.96	0.744
14	8	2.780	2.474	0.89	0.628	2.706	2.408	0.89	0.687	2.632	2.342	0.89	0.746
14	9	2.895	2.345	0.81	0.627	2.818	2.283	0.81	0.689	2.740	2.219	0.81	0.750
16	8	2.836	2.723	0.96	0.627	2.771	2.660	0.96	0.688	2.705	2.597	0.96	0.749
16	9	2.916	2.537	0.87	0.627	2.839	2.470	0.87	0.689	2.761	2.402	0.87	0.751
16	11	3.051	2.410	0.79	0.625	2.969	2.346	0.79	0.690	2.887	2.281	0.79	0.756
18	10	2.954	2.806	0.95	0.626	2.885	2.741	0.95	0.690	2.816	2.675	0.95	0.753
18	11	3.062	2.633	0.86	0.625	2.980	2.563	0.86	0.691	2.898	2.492	0.86	0.756
18	12	3.215	2.476	0.77	0.623	3.128	2.409	0.77	0.692	3.041	2.342	0.77	0.760
20	16	3.564	2.281	0.64	0.686	3.456	2.212	0.64	0.724	3.348	2.143	0.64	0.767
20	18	3.816	1.984	0.52	0.698	3.708	1.928	0.52	0.737	3.582	1.863	0.52	0.788
20	20	4.104	1.642	0.40	0.720	4.014	1.606	0.40	0.754	3.906	1.562	0.40	0.806
22	16	3.564	2.566	0.72	0.686	3.456	2.488	0.72	0.724	3.348	2.411	0.72	0.767
22	18	3.816	2.290	0.60	0.698	3.708	2.225	0.60	0.737	3.582	2.149	0.60	0.788
22	20	4.104	1.970	0.48	0.720	4.014	1.927	0.48	0.754	3.906	1.875	0.48	0.806
24	16	3.564	2.851	0.80	0.686	3.456	2.765	0.80	0.724	3.348	2.678	0.80	0.767
24	18	3.816	2.595	0.68	0.698	3.708	2.521	0.68	0.737	3.582	2.436	0.68	0.788
24	20	4.104	2.298	0.56	0.720	4.014	2.248	0.56	0.754	3.906	2.187	0.56	0.806
24	22	4.374	1.925	0.44	0.737	4.284	1.885	0.44	0.780	4.176	1.837	0.44	0.831
26	16	3.564	3.136	0.88	0.686	3.456	3.041	0.88	0.724	3.348	2.946	0.88	0.767
26	18	3.816	2.900	0.76	0.698	3.708	2.818	0.76	0.737	3.582	2.722	0.76	0.788
26	20	4.104	2.627	0.64	0.720	4.014	2.569	0.64	0.754	3.906	2.500	0.64	0.806
26	22	4.374	2.274	0.52	0.737	4.284	2.228	0.52	0.780	4.176	2.172	0.52	0.831
27	16	3.564	3.279	0.92	0.686	3.456	3.180	0.92	0.724	3.348	3.080	0.92	0.767
27	18	3.816	3.053	0.80	0.698	3.708	2.966	0.80	0.737	3.582	2.866	0.80	0.788
27	20	4.104	2.791	0.68	0.720	4.014	2.730	0.68	0.754	3.906	2.656	0.68	0.806
27	22	4.374	2.449	0.56	0.737	4.284	2.399	0.56	0.780	4.176	2.339	0.56	0.831
28	16	3.564	3.421	0.96	0.686	3.456	3.318	0.96	0.724	3.348	3.214	0.96	0.767
28	18	3.816	3.205	0.84	0.698	3.708	3.115	0.84	0.737	3.582	3.009	0.84	0.788
28	20	4.104	2.955	0.72	0.720	4.014	2.890	0.72	0.754	3.906	2.812	0.72	0.806
28	22	4.374	2.624	0.60	0.737	4.284	2.570	0.60	0.780	4.176	2.506	0.60	0.831
30	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
30	18	3.816	3.511	0.92	0.698	3.708	3.411	0.92	0.737	3.582	3.295	0.92	0.788
30	20	4.104	3.283	0.80	0.720	4.014	3.211	0.80	0.754	3.906	3.125	0.80	0.806
30	22	4.374	2.974	0.68	0.737	4.284	2.913	0.68	0.780	4.176	2.840	0.68	0.831
32	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
32	18	3.816	3.816	1.00	0.698	3.708	3.708	1.00	0.737	3.582	3.582	1.00	0.788
32	20	4.104	3.612	0.88	0.720	4.014	3.532	0.88	0.754	3.906	3.437	0.88	0.806
32	22	4.374	3.324	0.76	0.737	4.284	3.256	0.76	0.780	4.176	3.174	0.76	0.831
34	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
34	18	3.816	3.816	1.00	0.698	3.708	3.708	1.00	0.737	3.582	3.582	1.00	0.788
34	20	4.104	3.940	0.96	0.720	4.014	3.853	0.96	0.754	3.906	3.750	0.96	0.806
34	22	4.374	3.674	0.84	0.737	4.284	3.599	0.84	0.780	4.176	3.508	0.84	0.831

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.524	2.423	0.96	0.810	2.447	2.349	0.96	0.879	2.384	2.289	0.96	0.946
14	8	2.549	2.269	0.89	0.812	2.465	2.194	0.89	0.880	2.398	2.134	0.89	0.948
14	9	2.655	2.151	0.81	0.818	2.564	2.077	0.81	0.888	2.489	2.016	0.81	0.957
16	8	2.632	2.527	0.96	0.817	2.553	2.451	0.96	0.887	2.488	2.388	0.96	0.957
16	9	2.675	2.327	0.87	0.820	2.584	2.248	0.87	0.890	2.512	2.185	0.87	0.960
16	11	2.798	2.210	0.79	0.827	2.703	2.135	0.79	0.899	2.623	2.072	0.79	0.970
18	10	2.741	2.604	0.95	0.823	2.661	2.528	0.95	0.896	2.593	2.463	0.95	0.967
18	11	2.809	2.416	0.86	0.827	2.713	2.333	0.86	0.899	2.634	2.265	0.86	0.971
18	12	2.948	2.270	0.77	0.834	2.848	2.193	0.77	0.909	2.763	2.128	0.77	0.983
20	16	3.204	2.051	0.64	0.823	3.060	1.958	0.64	0.883	2.916	1.866	0.64	0.956
20	18	3.456	1.797	0.52	0.844	3.348	1.741	0.52	0.908	3.132	1.629	0.52	0.977
20	20	3.744	1.498	0.40	0.866	3.600	1.440	0.40	0.926	3.384	1.354	0.40	0.994
22	16	3.204	2.307	0.72	0.823	3.060	2.203	0.72	0.883	2.916	2.100	0.72	0.956
22	18	3.456	2.074	0.60	0.844	3.348	2.009	0.60	0.908	3.132	1.879	0.60	0.977
22	20	3.744	1.797	0.48	0.866	3.600	1.728	0.48	0.926	3.384	1.624	0.48	0.994
24	16	3.204	2.563	0.80	0.823	3.060	2.448	0.80	0.883	2.916	2.333	0.80	0.956
24	18	3.456	2.350	0.68	0.844	3.348	2.277	0.68	0.908	3.132	2.130	0.68	0.977
24	20	3.744	2.097	0.56	0.866	3.600	2.016	0.56	0.926	3.384	1.895	0.56	0.994
24	22	4.032	1.774	0.44	0.883	3.888	1.711	0.44	0.951	3.672	1.616	0.44	1.011
26	16	3.204	2.820	0.88	0.823	3.060	2.693	0.88	0.883	2.916	2.566	0.88	0.956
26	18	3.456	2.627	0.76	0.844	3.348	2.544	0.76	0.908	3.132	2.380	0.76	0.977
26	20	3.744	2.396	0.64	0.866	3.600	2.304	0.64	0.926	3.384	2.166	0.64	0.994
26	22	4.032	2.097	0.52	0.883	3.888	2.022	0.52	0.951	3.672	1.909	0.52	1.011
27	16	3.204	2.948	0.92	0.823	3.060	2.815	0.92	0.883	2.916	2.683	0.92	0.956
27	18	3.456	2.765	0.80	0.844	3.348	2.678	0.80	0.908	3.132	2.506	0.80	0.977
27	20	3.744	2.546	0.68	0.866	3.600	2.448	0.68	0.926	3.384	2.301	0.68	0.994
27	22	4.032	2.258	0.56	0.883	3.888	2.177	0.56	0.951	3.672	2.056	0.56	1.011
28	16	3.204	3.076	0.96	0.823	3.060	2.938	0.96	0.883	2.916	2.799	0.96	0.956
28	18	3.456	2.903	0.84	0.844	3.348	2.812	0.84	0.908	3.132	2.631	0.84	0.977
28	20	3.744	2.696	0.72	0.866	3.600	2.592	0.72	0.926	3.384	2.436	0.72	0.994
28	22	4.032	2.419	0.60	0.883	3.888	2.333	0.60	0.951	3.672	2.203	0.60	1.011
30	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
30	18	3.456	3.180	0.92	0.844	3.348	3.080	0.92	0.908	3.132	2.881	0.92	0.977
30	20	3.744	2.995	0.80	0.866	3.600	2.880	0.80	0.926	3.384	2.707	0.80	0.994
30	22	4.032	2.742	0.68	0.883	3.888	2.644	0.68	0.951	3.672	2.497	0.68	1.011
32	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
32	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
32	20	3.744	3.295	0.88	0.866	3.600	3.168	0.88	0.926	3.384	2.978	0.88	0.994
32	22	4.032	3.064	0.76	0.883	3.888	2.955	0.76	0.951	3.672	2.791	0.76	1.011
34	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
34	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
34	20	3.744	3.594	0.96	0.866	3.600	3.456	0.96	0.926	3.384	3.249	0.96	0.994</

COOLING CAPACITY
PKA-M50LA2 PKA-M50LAL2 / PUZ-ZM50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.479	3.062	0.88	0.908	3.397	2.989	0.88	0.992	3.316	2.918	0.88	1.076
14	8	3.553	2.878	0.81	0.908	3.458	2.801	0.81	0.993	3.363	2.724	0.81	1.079
14	9	3.700	2.701	0.73	0.907	3.601	2.629	0.73	0.996	3.502	2.556	0.73	1.085
16	8	3.624	3.189	0.88	0.907	3.540	3.115	0.88	0.995	3.456	3.041	0.88	1.083
16	9	3.726	2.944	0.79	0.906	3.627	2.865	0.79	0.996	3.528	2.787	0.79	1.086
16	11	3.898	2.768	0.71	0.904	3.793	2.693	0.71	0.998	3.689	2.619	0.71	1.093
18	10	3.774	3.283	0.87	0.905	3.686	3.207	0.87	0.997	3.598	3.130	0.87	1.089
18	11	3.913	3.052	0.78	0.904	3.808	2.970	0.78	0.999	3.703	2.888	0.78	1.093
18	12	4.108	2.835	0.69	0.901	3.997	2.758	0.69	1.000	3.886	2.681	0.69	1.099
20	16	4.554	2.550	0.56	0.991	4.416	2.473	0.56	1.047	4.278	2.396	0.56	1.109
20	18	4.876	2.145	0.44	1.010	4.738	2.085	0.44	1.066	4.577	2.014	0.44	1.140
20	20	5.244	1.678	0.32	1.041	5.129	1.641	0.32	1.090	4.991	1.597	0.32	1.165
22	16	4.554	2.915	0.64	0.991	4.416	2.826	0.64	1.047	4.278	2.738	0.64	1.109
22	18	4.876	2.536	0.52	1.010	4.738	2.464	0.52	1.066	4.577	2.380	0.52	1.140
22	20	5.244	2.098	0.40	1.041	5.129	2.052	0.40	1.090	4.991	1.996	0.40	1.165
24	16	4.554	3.279	0.72	0.991	4.416	3.180	0.72	1.047	4.278	3.080	0.72	1.109
24	18	4.876	2.926	0.60	1.010	4.738	2.843	0.60	1.066	4.577	2.746	0.60	1.140
24	20	5.244	2.517	0.48	1.041	5.129	2.462	0.48	1.090	4.991	2.396	0.48	1.165
24	22	5.589	2.012	0.36	1.066	5.474	1.971	0.36	1.127	5.336	1.921	0.36	1.202
26	16	4.554	3.643	0.80	0.991	4.416	3.533	0.80	1.047	4.278	3.422	0.80	1.109
26	18	4.876	3.316	0.68	1.010	4.738	3.222	0.68	1.066	4.577	3.112	0.68	1.140
26	20	5.244	2.937	0.56	1.041	5.129	2.872	0.56	1.090	4.991	2.795	0.56	1.165
26	22	5.589	2.459	0.44	1.066	5.474	2.409	0.44	1.127	5.336	2.348	0.44	1.202
27	16	4.554	3.825	0.84	0.991	4.416	3.709	0.84	1.047	4.278	3.594	0.84	1.109
27	18	4.876	3.511	0.72	1.010	4.738	3.411	0.72	1.066	4.577	3.295	0.72	1.140
27	20	5.244	3.146	0.60	1.041	5.129	3.077	0.60	1.090	4.991	2.995	0.60	1.165
27	22	5.589	2.683	0.48	1.066	5.474	2.628	0.48	1.127	5.336	2.561	0.48	1.202
28	16	4.554	4.008	0.88	0.991	4.416	3.886	0.88	1.047	4.278	3.765	0.88	1.109
28	18	4.876	3.706	0.76	1.010	4.738	3.601	0.76	1.066	4.577	3.479	0.76	1.140
28	20	5.244	3.356	0.64	1.041	5.129	3.283	0.64	1.090	4.991	3.194	0.64	1.165
28	22	5.589	2.906	0.52	1.066	5.474	2.846	0.52	1.127	5.336	2.775	0.52	1.202
30	16	4.554	4.372	0.96	0.991	4.416	4.239	0.96	1.047	4.278	4.107	0.96	1.109
30	18	4.876	4.096	0.84	1.010	4.738	3.980	0.84	1.066	4.577	3.845	0.84	1.140
30	20	5.244	3.776	0.72	1.041	5.129	3.693	0.72	1.090	4.991	3.594	0.72	1.165
30	22	5.589	3.353	0.60	1.066	5.474	3.284	0.60	1.127	5.336	3.202	0.60	1.202
32	16	4.554	4.554	1.00	0.991	4.416	4.416	1.00	1.047	4.278	4.278	1.00	1.109
32	18	4.876	4.486	0.92	1.010	4.738	4.359	0.92	1.066	4.577	4.211	0.92	1.140
32	20	5.244	4.195	0.80	1.041	5.129	4.103	0.80	1.090	4.991	3.993	0.80	1.165
32	22	5.589	3.801	0.68	1.066	5.474	3.722	0.68	1.127	5.336	3.628	0.68	1.202
34	16	4.554	4.554	1.00	0.991	4.416	4.416	1.00	1.047	4.278	4.278	1.00	1.109
34	18	4.876	4.876	1.00	1.010	4.738	4.738	1.00	1.066	4.577	4.577	1.00	1.140
34	20	5.244	4.615	0.88	1.041	5.129	4.514	0.88	1.090	4.991	4.392	0.88	1.165
34	22	5.589	4.248	0.76	1.066	5.474	4.160	0.76	1.127	5.336	4.055	0.76	1.202

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.225	2.838	0.88	1.172	3.127	2.752	0.88	1.270	3.046	2.680	0.88	1.368
14	8	3.257	2.638	0.81	1.174	3.150	2.552	0.81	1.273	3.064	2.482	0.81	1.371
14	9	3.393	2.477	0.73	1.183	3.277	2.392	0.73	1.284	3.181	2.322	0.73	1.384
16	8	3.363	2.959	0.88	1.181	3.262	2.871	0.88	1.283	3.179	2.798	0.88	1.384
16	9	3.418	2.700	0.79	1.185	3.302	2.609	0.79	1.286	3.209	2.535	0.79	1.387
16	11	3.575	2.538	0.71	1.195	3.454	2.452	0.71	1.300	3.352	2.380	0.71	1.403
18	10	3.502	3.047	0.87	1.190	3.400	2.958	0.87	1.295	3.313	2.882	0.87	1.399
18	11	3.589	2.799	0.78	1.196	3.467	2.704	0.78	1.300	3.365	2.625	0.78	1.404
18	12	3.767	2.599	0.69	1.206	3.640	2.512	0.69	1.314	3.531	2.436	0.69	1.421
20	16	4.094	2.293	0.56	1.189	3.910	2.190	0.56	1.276	3.726	2.087	0.56	1.381
20	18	4.416	1.943	0.44	1.220	4.278	1.882	0.44	1.313	4.002	1.761	0.44	1.412
20	20	4.784	1.531	0.32	1.251	4.600	1.472	0.32	1.338	4.324	1.384	0.32	1.437
22	16	4.094	2.620	0.64	1.189	3.910	2.502	0.64	1.276	3.726	2.385	0.64	1.381
22	18	4.416	2.296	0.52	1.220	4.278	2.225	0.52	1.313	4.002	2.081	0.52	1.412
22	20	4.784	1.914	0.40	1.251	4.600	1.840	0.40	1.338	4.324	1.730	0.40	1.437
24	16	4.094	2.948	0.72	1.189	3.910	2.815	0.72	1.276	3.726	2.683	0.72	1.381
24	18	4.416	2.650	0.60	1.220	4.278	2.567	0.60	1.313	4.002	2.401	0.60	1.412
24	20	4.784	2.296	0.48	1.251	4.600	2.208	0.48	1.338	4.324	2.076	0.48	1.437
24	22	5.152	1.855	0.36	1.276	4.968	1.788	0.36	1.375	4.692	1.689	0.36	1.462
26	16	4.094	3.275	0.80	1.189	3.910	3.128	0.80	1.276	3.726	2.981	0.80	1.381
26	18	4.416	3.003	0.68	1.220	4.278	2.909	0.68	1.313	4.002	2.721	0.68	1.412
26	20	4.784	2.679	0.56	1.251	4.600	2.576	0.56	1.338	4.324	2.421	0.56	1.437
26	22	5.152	2.267	0.44	1.276	4.968	2.186	0.44	1.375	4.692	2.064	0.44	1.462
27	16	4.094	3.439	0.84	1.189	3.910	3.284	0.84	1.276	3.726	3.130	0.84	1.381
27	18	4.416	3.180	0.72	1.220	4.278	3.080	0.72	1.313	4.002	2.881	0.72	1.412
27	20	4.784	2.870	0.60	1.251	4.600	2.760	0.60	1.338	4.324	2.594	0.60	1.437
27	22	5.152	2.473	0.48	1.276	4.968	2.385	0.48	1.375	4.692	2.252	0.48	1.462
28	16	4.094	3.603	0.88	1.189	3.910	3.441	0.88	1.276	3.726	3.279	0.88	1.381
28	18	4.416	3.356	0.76	1.220	4.278	3.251	0.76	1.313	4.002	3.042	0.76	1.412
28	20	4.784	3.062	0.64	1.251	4.600	2.944	0.64	1.338	4.324	2.767	0.64	1.437
28	22	5.152	2.679	0.52	1.276	4.968	2.583	0.52	1.375	4.692	2.440	0.52	1.462
30	16	4.094	3.930	0.96	1.189	3.910	3.754	0.96	1.276	3.726	3.577	0.96	1.381
30	18	4.416	3.709	0.84	1.220	4.278	3.594	0.84	1.313	4.002	3.362	0.84	1.412
30	20	4.784	3.444	0.72	1.251	4.600	3.312	0.72	1.338	4.324	3.113	0.72	1.437
30	22	5.152	3.091	0.60	1.276	4.968	2.981	0.60	1.375	4.692	2.815	0.60	1.462
32	16	4.094	4.094	1.00	1.189	3.910	3.910	1.00	1.276	3.726	3.726	1.00	1.381
32	18	4.416	4.063	0.92	1.220	4.278	3.936	0.92	1.313	4.002	3.682	0.92	1.412
32	20	4.784	3.827	0.80	1.251	4.600	3.680	0.80	1.338	4.324	3.459	0.80	1.437
32	22	5.152	3.503	0.68	1.276	4.968	3.378	0.68	1.375	4.692	3.191	0.68	1.462
34	16	4.094	4.094	1.00	1.189	3.910	3.910	1.00	1.276	3.726	3.726	1.00	1.381
34	18	4.416	4.416	1.00	1.220	4.278	4.278	1.00	1.313	4.002	4.002	1.00	1.412
34	20	4.784	4.210	0.88	1.251	4.600	4.048	0.88	1.338	4.324	3.805	0.88	1.437
34	22	5.152	3.916	0.76	1.276	4.968	3.776	0.					

COOLING CAPACITY
PKA-M60KA2 PKA-M60KAL2 / PUZ-ZM60VHA2

WALL-MOUNTED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.613	1.00	1.144	4.505	4.505	1.00	1.249	4.397	4.397	1.00	1.355
14	8	4.711	4.711	1.00	1.143	4.585	4.585	1.00	1.251	4.459	4.459	1.00	1.358
14	9	4.906	4.563	0.93	1.141	4.775	4.441	0.93	1.254	4.644	4.319	0.93	1.366
16	8	4.806	4.806	1.00	1.142	4.695	4.695	1.00	1.253	4.583	4.583	1.00	1.363
16	9	4.942	4.893	0.99	1.141	4.810	4.762	0.99	1.254	4.678	4.631	0.99	1.367
16	11	5.169	4.704	0.91	1.138	5.031	4.578	0.91	1.257	4.892	4.452	0.91	1.376
18	10	5.005	5.005	1.00	1.140	4.888	4.888	1.00	1.255	4.771	4.771	1.00	1.371
18	11	5.189	5.085	0.98	1.138	5.049	4.948	0.98	1.257	4.910	4.812	0.98	1.376
18	12	5.448	4.849	0.89	1.135	5.300	4.717	0.89	1.259	5.153	4.586	0.89	1.384
20	16	6.039	4.590	0.76	1.248	5.856	4.451	0.76	1.318	5.673	4.311	0.76	1.396
20	18	6.466	4.138	0.64	1.271	6.283	4.021	0.64	1.342	6.070	3.885	0.64	1.435
20	20	6.954	3.616	0.52	1.310	6.802	3.537	0.52	1.373	6.619	3.442	0.52	1.466
22	16	6.039	5.073	0.84	1.248	5.856	4.919	0.84	1.318	5.673	4.765	0.84	1.396
22	18	6.466	4.656	0.72	1.271	6.283	4.524	0.72	1.342	6.070	4.370	0.72	1.435
22	20	6.954	4.172	0.60	1.310	6.802	4.081	0.60	1.373	6.619	3.971	0.60	1.466
24	16	6.039	5.556	0.92	1.248	5.856	5.388	0.92	1.318	5.673	5.219	0.92	1.396
24	18	6.466	5.173	0.80	1.271	6.283	5.026	0.80	1.342	6.070	4.856	0.80	1.435
24	20	6.954	4.729	0.68	1.310	6.802	4.625	0.68	1.373	6.619	4.501	0.68	1.466
24	22	7.412	4.151	0.56	1.342	7.259	4.065	0.56	1.420	7.076	3.963	0.56	1.513
26	16	6.039	6.039	1.00	1.248	5.856	5.856	1.00	1.318	5.673	5.673	1.00	1.396
26	18	6.466	5.690	0.88	1.271	6.283	5.529	0.88	1.342	6.070	5.342	0.88	1.435
26	20	6.954	5.285	0.76	1.310	6.802	5.170	0.76	1.373	6.619	5.030	0.76	1.466
26	22	7.412	4.744	0.64	1.342	7.259	4.646	0.64	1.420	7.076	4.529	0.64	1.513
27	16	6.039	6.039	1.00	1.248	5.856	5.856	1.00	1.318	5.673	5.673	1.00	1.396
27	18	6.466	5.949	0.92	1.271	6.283	5.780	0.92	1.342	6.070	5.584	0.92	1.435
27	20	6.954	5.563	0.80	1.310	6.802	5.442	0.80	1.373	6.619	5.295	0.80	1.466
27	22	7.412	5.040	0.68	1.342	7.259	4.936	0.68	1.420	7.076	4.812	0.68	1.513
28	16	6.039	6.039	1.00	1.248	5.856	5.856	1.00	1.318	5.673	5.673	1.00	1.396
28	18	6.466	6.207	0.96	1.271	6.283	6.032	0.96	1.342	6.070	5.827	0.96	1.435
28	20	6.954	5.841	0.84	1.310	6.802	5.714	0.84	1.373	6.619	5.560	0.84	1.466
28	22	7.412	5.337	0.72	1.342	7.259	5.226	0.72	1.420	7.076	5.095	0.72	1.513
30	16	6.039	6.039	1.00	1.248	5.856	5.856	1.00	1.318	5.673	5.673	1.00	1.396
30	18	6.466	6.466	1.00	1.271	6.283	6.283	1.00	1.342	6.070	6.070	1.00	1.435
30	20	6.954	6.398	0.92	1.310	6.802	6.258	0.92	1.373	6.619	6.089	0.92	1.466
30	22	7.412	5.930	0.80	1.342	7.259	5.807	0.80	1.420	7.076	5.661	0.80	1.513
32	16	6.039	6.039	1.00	1.248	5.856	5.856	1.00	1.318	5.673	5.673	1.00	1.396
32	18	6.466	6.466	1.00	1.271	6.283	6.283	1.00	1.342	6.070	6.070	1.00	1.435
32	20	6.954	6.954	1.00	1.310	6.802	6.802	1.00	1.373	6.619	6.619	1.00	1.466
32	22	7.412	6.523	0.88	1.342	7.259	6.388	0.88	1.420	7.076	6.227	0.88	1.513
34	16	6.039	6.039	1.00	1.248	5.856	5.856	1.00	1.318	5.673	5.673	1.00	1.396
34	18	6.466	6.466	1.00	1.271	6.283	6.283	1.00	1.342	6.070	6.070	1.00	1.435
34	20	6.954	6.954	1.00	1.310	6.802	6.802	1.00	1.373	6.619	6.619	1.00	1.466
34	22	7.412	7.116	0.96	1.342	7.259	6.969	0.96	1.420	7.076	6.793	0.96	1.513

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.475	4.147	4.147	1.00	1.600	4.040	4.040	1.00	1.723
14	8	4.319	4.319	1.00	1.478	4.177	4.177	1.00	1.602	4.063	4.063	1.00	1.726
14	9	4.499	4.184	0.93	1.490	4.345	4.041	0.93	1.617	4.218	3.923	0.93	1.743
16	8	4.459	4.459	1.00	1.487	4.326	4.326	1.00	1.615	4.215	4.215	1.00	1.742
16	9	4.533	4.488	0.99	1.492	4.379	4.335	0.99	1.620	4.256	4.213	0.99	1.747
16	11	4.741	4.314	0.91	1.505	4.580	4.168	0.91	1.636	4.445	4.045	0.91	1.766
18	10	4.645	4.645	1.00	1.499	4.508	4.508	1.00	1.631	4.394	4.394	1.00	1.761
18	11	4.760	4.665	0.98	1.506	4.598	4.506	0.98	1.637	4.463	4.374	0.98	1.768
18	12	4.995	4.446	0.89	1.518	4.826	4.295	0.89	1.655	4.682	4.167	0.89	1.789
20	16	5.429	4.126	0.76	1.498	5.185	3.941	0.76	1.607	4.941	3.755	0.76	1.739
20	18	5.856	3.748	0.64	1.537	5.673	3.631	0.64	1.654	5.307	3.396	0.64	1.778
20	20	6.344	3.299	0.52	1.576	6.100	3.172	0.52	1.685	5.734	2.982	0.52	1.810
22	16	5.429	4.560	0.84	1.498	5.185	4.355	0.84	1.607	4.941	4.150	0.84	1.739
22	18	5.856	4.216	0.72	1.537	5.673	4.085	0.72	1.654	5.307	3.821	0.72	1.778
22	20	6.344	3.806	0.60	1.576	6.100	3.660	0.60	1.685	5.734	3.440	0.60	1.810
24	16	5.429	4.995	0.92	1.498	5.185	4.770	0.92	1.607	4.941	4.546	0.92	1.739
24	18	5.856	4.685	0.80	1.537	5.673	4.538	0.80	1.654	5.307	4.246	0.80	1.778
24	20	6.344	4.314	0.68	1.576	6.100	4.148	0.68	1.685	5.734	3.899	0.68	1.810
24	22	6.832	3.826	0.56	1.607	6.588	3.689	0.56	1.732	6.222	3.484	0.56	1.841
26	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
26	18	5.856	5.153	0.88	1.537	5.673	4.992	0.88	1.654	5.307	4.670	0.88	1.778
26	20	6.344	4.821	0.76	1.576	6.100	4.636	0.76	1.685	5.734	4.358	0.76	1.810
26	22	6.832	4.372	0.64	1.607	6.588	4.216	0.64	1.732	6.222	3.982	0.64	1.841
27	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
27	18	5.856	5.388	0.92	1.537	5.673	5.219	0.92	1.654	5.307	4.882	0.92	1.778
27	20	6.344	5.075	0.80	1.576	6.100	4.880	0.80	1.685	5.734	4.587	0.80	1.810
27	22	6.832	4.646	0.68	1.607	6.588	4.480	0.68	1.732	6.222	4.231	0.68	1.841
28	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
28	18	5.856	5.622	0.96	1.537	5.673	5.446	0.96	1.654	5.307	5.095	0.96	1.778
28	20	6.344	5.329	0.84	1.576	6.100	5.124	0.84	1.685	5.734	4.817	0.84	1.810
28	22	6.832	4.919	0.72	1.607	6.588	4.743	0.72	1.732	6.222	4.480	0.72	1.841
30	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
30	18	5.856	5.856	1.00	1.537	5.673	5.673	1.00	1.654	5.307	5.307	1.00	1.778
30	20	6.344	5.836	0.92	1.576	6.100	5.612	0.92	1.685	5.734	5.275	0.92	1.810
30	22	6.832	5.466	0.80	1.607	6.588	5.270	0.80	1.732	6.222	4.978	0.80	1.841
32	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
32	18	5.856	5.856	1.00	1.537	5.673	5.673	1.00	1.654	5.307	5.307	1.00	1.778
32	20	6.344	6.344	1.00	1.576	6.100	6.100	1.00	1.685	5.734	5.734	1.00	1.810
32	22	6.832	6.012	0.88	1.607	6.588	5.797	0.88	1.732	6.222	5.475	0.88	1.841
34	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
34	18	5.856	5.856	1.00	1.537	5.673	5.673	1.00	1.654	5.307	5.307	1.00	1.778
34	20	6.344	6.344	1.00	1.576	6.100	6.100	1.00	1.685	5.734	5.734	1.00	1.810
34	22	6.832	6.559	0.96	1.607	6.58							

COOLING CAPACITY
PKA-M71KA2 PKA-M71KAL2 / PUZ-ZM71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.369	1.00	1.366	5.244	5.244	1.00	1.492	5.118	5.118	1.00	1.618
14	8	5.483	5.099	0.93	1.365	5.337	4.963	0.93	1.494	5.190	4.827	0.93	1.622
14	9	5.710	4.854	0.85	1.363	5.558	4.724	0.85	1.497	5.405	4.594	0.85	1.631
16	8	5.594	5.594	1.00	1.364	5.464	5.464	1.00	1.496	5.335	5.335	1.00	1.628
16	9	5.752	5.234	0.91	1.362	5.598	5.094	0.91	1.498	5.445	4.955	0.91	1.633
16	11	6.016	4.993	0.83	1.359	5.855	4.860	0.83	1.501	5.694	4.726	0.83	1.643
18	10	5.825	5.767	0.99	1.361	5.689	5.632	0.99	1.499	5.554	5.498	0.99	1.637
18	11	6.039	5.435	0.90	1.360	5.877	5.289	0.90	1.502	5.715	5.144	0.90	1.644
18	12	6.341	5.136	0.81	1.355	6.169	4.997	0.81	1.504	5.997	4.858	0.81	1.653
20	16	7.029	4.780	0.68	1.490	6.816	4.635	0.68	1.574	6.603	4.490	0.68	1.667
20	18	7.526	4.215	0.56	1.518	7.313	4.095	0.56	1.602	7.065	3.956	0.56	1.714
20	20	8.094	3.561	0.44	1.565	7.917	3.483	0.44	1.639	7.704	3.390	0.44	1.751
22	16	7.029	5.342	0.76	1.490	6.816	5.180	0.76	1.574	6.603	5.018	0.76	1.667
22	18	7.526	4.817	0.64	1.518	7.313	4.680	0.64	1.602	7.065	4.522	0.64	1.714
22	20	8.094	4.209	0.52	1.565	7.917	4.117	0.52	1.639	7.704	4.006	0.52	1.751
24	16	7.029	5.904	0.84	1.490	6.816	5.725	0.84	1.574	6.603	5.547	0.84	1.667
24	18	7.526	5.419	0.72	1.518	7.313	5.265	0.72	1.602	7.065	5.087	0.72	1.714
24	20	8.094	4.856	0.60	1.565	7.917	4.750	0.60	1.639	7.704	4.622	0.60	1.751
24	22	8.627	4.141	0.48	1.602	8.449	4.056	0.48	1.695	8.236	3.953	0.48	1.807
26	16	7.029	6.467	0.92	1.490	6.816	6.271	0.92	1.574	6.603	6.075	0.92	1.667
26	18	7.526	6.021	0.80	1.518	7.313	5.850	0.80	1.602	7.065	5.652	0.80	1.714
26	20	8.094	5.504	0.68	1.565	7.917	5.384	0.68	1.639	7.704	5.239	0.68	1.751
26	22	8.627	4.831	0.56	1.602	8.449	4.731	0.56	1.695	8.236	4.612	0.56	1.807
27	16	7.029	6.748	0.96	1.490	6.816	6.543	0.96	1.574	6.603	6.339	0.96	1.667
27	18	7.526	6.322	0.84	1.518	7.313	6.143	0.84	1.602	7.065	5.935	0.84	1.714
27	20	8.094	5.828	0.72	1.565	7.917	5.700	0.72	1.639	7.704	5.547	0.72	1.751
27	22	8.627	5.176	0.60	1.602	8.449	5.069	0.60	1.695	8.236	4.942	0.60	1.807
28	16	7.029	7.029	1.00	1.490	6.816	6.816	1.00	1.574	6.603	6.603	1.00	1.667
28	18	7.526	6.623	0.88	1.518	7.313	6.435	0.88	1.602	7.065	6.217	0.88	1.714
28	20	8.094	6.151	0.76	1.565	7.917	6.017	0.76	1.639	7.704	5.855	0.76	1.751
28	22	8.627	5.521	0.64	1.602	8.449	5.407	0.64	1.695	8.236	5.271	0.64	1.807
30	16	7.029	7.029	1.00	1.490	6.816	6.816	1.00	1.574	6.603	6.603	1.00	1.667
30	18	7.526	7.225	0.96	1.518	7.313	7.020	0.96	1.602	7.065	6.782	0.96	1.714
30	20	8.094	6.799	0.84	1.565	7.917	6.650	0.84	1.639	7.704	6.471	0.84	1.751
30	22	8.627	6.211	0.72	1.602	8.449	6.083	0.72	1.695	8.236	5.930	0.72	1.807
32	16	7.029	7.029	1.00	1.490	6.816	6.816	1.00	1.574	6.603	6.603	1.00	1.667
32	18	7.526	7.526	1.00	1.518	7.313	7.313	1.00	1.602	7.065	7.065	1.00	1.714
32	20	8.094	7.446	0.92	1.565	7.917	7.284	0.92	1.639	7.704	7.088	0.92	1.751
32	22	8.627	6.902	0.80	1.602	8.449	6.759	0.80	1.695	8.236	6.589	0.80	1.807
34	16	7.029	7.029	1.00	1.490	6.816	6.816	1.00	1.574	6.603	6.603	1.00	1.667
34	18	7.526	7.526	1.00	1.518	7.313	7.313	1.00	1.602	7.065	7.065	1.00	1.714
34	20	8.094	8.094	1.00	1.565	7.917	7.917	1.00	1.639	7.704	7.704	1.00	1.751
34	22	8.627	7.592	0.88	1.602	8.449	7.435	0.88	1.695	8.236	7.248	0.88	1.807

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.978	1.00	1.762	4.827	4.827	1.00	1.910	4.702	4.702	1.00	2.057
14	8	5.027	4.675	0.93	1.765	4.862	4.522	0.93	1.914	4.729	4.398	0.93	2.061
14	9	5.237	4.451	0.85	1.779	5.057	4.298	0.85	1.931	4.909	4.173	0.85	2.081
16	8	5.190	5.190	1.00	1.776	5.035	5.035	1.00	1.929	4.906	4.906	1.00	2.081
16	9	5.276	4.801	0.91	1.782	5.096	4.637	0.91	1.934	4.953	4.507	0.91	2.086
16	11	5.519	4.581	0.83	1.797	5.331	4.425	0.83	1.954	5.173	4.294	0.83	2.109
18	10	5.406	5.352	0.99	1.790	5.247	5.195	0.99	1.947	5.114	5.063	0.99	2.103
18	11	5.540	4.986	0.90	1.798	5.352	4.817	0.90	1.955	5.194	4.675	0.90	2.112
18	12	5.814	4.709	0.81	1.813	5.618	4.551	0.81	1.976	5.450	4.415	0.81	2.137
20	16	6.319	4.297	0.68	1.788	6.035	4.104	0.68	1.919	5.751	3.911	0.68	2.077
20	18	6.816	3.817	0.56	1.835	6.603	3.698	0.56	1.975	6.177	3.459	0.56	2.124
20	20	7.384	3.249	0.44	1.882	7.100	3.124	0.44	2.012	6.674	2.937	0.44	2.161
22	16	6.319	4.802	0.76	1.788	6.035	4.587	0.76	1.919	5.751	4.371	0.76	2.077
22	18	6.816	4.362	0.64	1.835	6.603	4.226	0.64	1.975	6.177	3.953	0.64	2.124
22	20	7.384	3.840	0.52	1.882	7.100	3.692	0.52	2.012	6.674	3.470	0.52	2.161
24	16	6.319	5.308	0.84	1.788	6.035	5.069	0.84	1.919	5.751	4.831	0.84	2.077
24	18	6.816	4.908	0.72	1.835	6.603	4.754	0.72	1.975	6.177	4.447	0.72	2.124
24	20	7.384	4.430	0.60	1.882	7.100	4.260	0.60	2.012	6.674	4.004	0.60	2.161
24	22	7.952	3.817	0.48	1.919	7.668	3.681	0.48	2.068	7.242	3.476	0.48	2.198
26	16	6.319	5.813	0.92	1.788	6.035	5.552	0.92	1.919	5.751	5.291	0.92	2.077
26	18	6.816	5.453	0.80	1.835	6.603	5.282	0.80	1.975	6.177	4.942	0.80	2.124
26	20	7.384	5.021	0.68	1.882	7.100	4.828	0.68	2.012	6.674	4.538	0.68	2.161
26	22	7.952	4.453	0.56	1.919	7.668	4.294	0.56	2.068	7.242	4.056	0.56	2.198
27	16	6.319	6.066	0.96	1.788	6.035	5.794	0.96	1.919	5.751	5.521	0.96	2.077
27	18	6.816	5.725	0.84	1.835	6.603	5.547	0.84	1.975	6.177	5.189	0.84	2.124
27	20	7.384	5.316	0.72	1.882	7.100	5.112	0.72	2.012	6.674	4.805	0.72	2.161
27	22	7.952	4.771	0.60	1.919	7.668	4.601	0.60	2.068	7.242	4.345	0.60	2.198
28	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
28	18	6.816	5.998	0.88	1.835	6.603	5.811	0.88	1.975	6.177	5.436	0.88	2.124
28	20	7.384	5.612	0.76	1.882	7.100	5.396	0.76	2.012	6.674	5.072	0.76	2.161
28	22	7.952	5.089	0.64	1.919	7.668	4.908	0.64	2.068	7.242	4.635	0.64	2.198
30	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
30	18	6.816	6.543	0.96	1.835	6.603	6.339	0.96	1.975	6.177	5.930	0.96	2.124
30	20	7.384	6.203	0.84	1.882	7.100	5.964	0.84	2.012	6.674	5.606	0.84	2.161
30	22	7.952	5.725	0.72	1.919	7.668	5.521	0.72	2.068	7.242	5.214	0.72	2.198
32	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
32	18	6.816	6.816	1.00	1.835	6.603	6.603	1.00	1.975	6.177	6.177	1.00	2.124
32	20	7.384	6.793	0.92	1.882	7.100	6.532	0.92	2.012	6.674	6.140	0.92	2.161
32	22	7.952	6.362	0.80	1.919	7.668	6.134	0.80	2.068	7.242	5.794	0.80	2.198
34	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
34	18	6.816	6.816	1.00	1.835	6.603	6.603	1.00	1.975	6.177	6.177	1.00	2.124
34	20	7.384	7.384	1.00	1.882	7.100	7.100	1.00	2.012	6.674	6.674	1.00	2.161
34	22	7.952	6.998	0.88	1.919	7.668	6.748	0					

COOLING CAPACITY

PKA-M100KA2 PKA-M100KAL2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	6.825	0.95	1.785	7.016	6.665	0.95	1.950	6.848	6.506	0.95	2.115
14	8	7.337	6.457	0.88	1.785	7.141	6.284	0.88	1.952	6.945	6.112	0.88	2.120
14	9	7.641	6.113	0.80	1.782	7.436	5.949	0.80	1.957	7.232	5.786	0.80	2.132
16	8	7.485	7.111	0.95	1.782	7.311	6.945	0.95	1.955	7.138	6.781	0.95	2.128
16	9	7.696	6.619	0.86	1.781	7.491	6.442	0.86	1.957	7.286	6.266	0.86	2.134
16	11	8.050	6.279	0.78	1.776	7.834	6.111	0.78	1.962	7.619	5.943	0.78	2.147
18	10	7.794	7.326	0.94	1.779	7.613	7.156	0.94	1.960	7.431	6.985	0.94	2.140
18	11	8.080	6.868	0.85	1.777	7.864	6.684	0.85	1.963	7.647	6.500	0.85	2.148
18	12	8.485	6.449	0.76	1.771	8.255	6.274	0.76	1.966	8.024	6.098	0.76	2.160
20	16	9.405	5.925	0.63	1.948	9.120	5.746	0.63	2.058	8.835	5.566	0.63	2.179
20	18	10.070	5.136	0.51	1.985	9.785	4.990	0.51	2.094	9.453	4.821	0.51	2.240
20	20	10.830	4.224	0.39	2.045	10.593	4.131	0.39	2.143	10.308	4.020	0.39	2.289
22	16	9.405	6.678	0.71	1.948	9.120	6.475	0.71	2.058	8.835	6.273	0.71	2.179
22	18	10.070	5.941	0.59	1.985	9.785	5.773	0.59	2.094	9.453	5.577	0.59	2.240
22	20	10.830	5.090	0.47	2.045	10.593	4.979	0.47	2.143	10.308	4.845	0.47	2.289
24	16	9.405	7.430	0.79	1.948	9.120	7.205	0.79	2.058	8.835	6.980	0.79	2.179
24	18	10.070	6.747	0.67	1.985	9.785	6.556	0.67	2.094	9.453	6.334	0.67	2.240
24	20	10.830	5.957	0.55	2.045	10.593	5.826	0.55	2.143	10.308	5.669	0.55	2.289
24	22	11.543	4.963	0.43	2.094	11.305	4.861	0.43	2.216	11.020	4.739	0.43	2.362
26	16	9.405	8.182	0.87	1.948	9.120	7.934	0.87	2.058	8.835	7.686	0.87	2.179
26	18	10.070	7.553	0.75	1.985	9.785	7.339	0.75	2.094	9.453	7.090	0.75	2.240
26	20	10.830	6.823	0.63	2.045	10.593	6.674	0.63	2.143	10.308	6.494	0.63	2.289
26	22	11.543	5.887	0.51	2.094	11.305	5.766	0.51	2.216	11.020	5.620	0.51	2.362
27	16	9.405	8.559	0.91	1.948	9.120	8.299	0.91	2.058	8.835	8.040	0.91	2.179
27	18	10.070	7.955	0.79	1.985	9.785	7.730	0.79	2.094	9.453	7.468	0.79	2.240
27	20	10.830	7.256	0.67	2.045	10.593	7.097	0.67	2.143	10.308	6.906	0.67	2.289
27	22	11.543	6.349	0.55	2.094	11.305	6.218	0.55	2.216	11.020	6.061	0.55	2.362
28	16	9.405	8.935	0.95	1.948	9.120	8.664	0.95	2.058	8.835	8.393	0.95	2.179
28	18	10.070	8.358	0.83	1.985	9.785	8.122	0.83	2.094	9.453	7.846	0.83	2.240
28	20	10.830	7.689	0.71	2.045	10.593	7.521	0.71	2.143	10.308	7.319	0.71	2.289
28	22	11.543	6.810	0.59	2.094	11.305	6.670	0.59	2.216	11.020	6.502	0.59	2.362
30	16	9.405	9.405	1.00	1.948	9.120	9.120	1.00	2.058	8.835	8.835	1.00	2.179
30	18	10.070	9.164	0.91	1.985	9.785	8.904	0.91	2.094	9.453	8.602	0.91	2.240
30	20	10.830	8.556	0.79	2.045	10.593	8.368	0.79	2.143	10.308	8.143	0.79	2.289
30	22	11.543	7.734	0.67	2.094	11.305	7.574	0.67	2.216	11.020	7.383	0.67	2.362
32	16	9.405	9.405	1.00	1.948	9.120	9.120	1.00	2.058	8.835	8.835	1.00	2.179
32	18	10.070	9.969	0.99	1.985	9.785	9.687	0.99	2.094	9.453	9.358	0.99	2.240
32	20	10.830	9.422	0.87	2.045	10.593	9.216	0.87	2.143	10.308	8.968	0.87	2.289
32	22	11.543	8.657	0.75	2.094	11.305	8.479	0.75	2.216	11.020	8.265	0.75	2.362
34	16	9.405	9.405	1.00	1.948	9.120	9.120	1.00	2.058	8.835	8.835	1.00	2.179
34	18	10.070	10.070	1.00	1.985	9.785	9.785	1.00	2.094	9.453	9.453	1.00	2.240
34	20	10.830	10.289	0.95	2.045	10.593	10.063	0.95	2.143	10.308	9.793	0.95	2.289
34	22	11.543	9.581	0.83	2.094	11.305	9.383	0.83	2.216	11.020	9.147	0.83	2.362

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.302	6.458	6.135	0.95	2.497	6.291	5.976	0.95	2.689
14	8	6.727	5.920	0.88	2.307	6.505	5.724	0.88	2.501	6.328	5.569	0.88	2.694
14	9	7.007	5.606	0.80	2.325	6.767	5.414	0.80	2.524	6.569	5.255	0.80	2.720
16	8	6.945	6.598	0.95	2.322	6.737	6.400	0.95	2.521	6.565	6.237	0.95	2.720
16	9	7.059	6.071	0.86	2.329	6.819	5.864	0.86	2.528	6.628	5.700	0.86	2.726
16	11	7.384	5.760	0.78	2.349	7.133	5.564	0.78	2.554	6.922	5.399	0.78	2.757
18	10	7.233	6.799	0.94	2.340	7.021	6.600	0.94	2.545	6.843	6.432	0.94	2.749
18	11	7.413	6.301	0.85	2.350	7.161	6.087	0.85	2.556	6.950	5.908	0.85	2.760
18	12	7.779	5.912	0.76	2.369	7.516	5.712	0.76	2.583	7.292	5.542	0.76	2.793
20	16	8.455	5.327	0.63	2.338	8.075	5.087	0.63	2.508	7.695	4.848	0.63	2.715
20	18	9.120	4.651	0.51	2.398	8.835	4.506	0.51	2.581	8.265	4.215	0.51	2.776
20	20	9.880	3.853	0.39	2.459	9.500	3.705	0.39	2.630	8.930	3.483	0.39	2.825
22	16	8.455	6.003	0.71	2.338	8.075	5.733	0.71	2.508	7.695	5.463	0.71	2.715
22	18	9.120	5.381	0.59	2.398	8.835	5.213	0.59	2.581	8.265	4.876	0.59	2.776
22	20	9.880	4.644	0.47	2.459	9.500	4.465	0.47	2.630	8.930	4.197	0.47	2.825
24	16	8.455	6.679	0.79	2.338	8.075	6.379	0.79	2.508	7.695	6.079	0.79	2.715
24	18	9.120	6.110	0.67	2.398	8.835	5.919	0.67	2.581	8.265	5.538	0.67	2.776
24	20	9.880	5.434	0.55	2.459	9.500	5.225	0.55	2.630	8.930	4.912	0.55	2.825
24	22	10.640	4.575	0.43	2.508	10.260	4.412	0.43	2.703	9.690	4.167	0.43	2.873
26	16	8.455	7.356	0.87	2.338	8.075	7.025	0.87	2.508	7.695	6.695	0.87	2.715
26	18	9.120	6.840	0.75	2.398	8.835	6.626	0.75	2.581	8.265	6.199	0.75	2.776
26	20	9.880	6.224	0.63	2.459	9.500	5.985	0.63	2.630	8.930	5.626	0.63	2.825
26	22	10.640	5.426	0.51	2.508	10.260	5.233	0.51	2.703	9.690	4.942	0.51	2.873
27	16	8.455	7.694	0.91	2.338	8.075	7.348	0.91	2.508	7.695	7.002	0.91	2.715
27	18	9.120	7.205	0.79	2.398	8.835	6.980	0.79	2.581	8.265	6.529	0.79	2.776
27	20	9.880	6.620	0.67	2.459	9.500	6.365	0.67	2.630	8.930	5.983	0.67	2.825
27	22	10.640	5.852	0.55	2.508	10.260	5.643	0.55	2.703	9.690	5.330	0.55	2.873
28	16	8.455	8.032	0.95	2.338	8.075	7.671	0.95	2.508	7.695	7.310	0.95	2.715
28	18	9.120	7.570	0.83	2.398	8.835	7.333	0.83	2.581	8.265	6.860	0.83	2.776
28	20	9.880	7.015	0.71	2.459	9.500	6.745	0.71	2.630	8.930	6.340	0.71	2.825
28	22	10.640	6.278	0.59	2.508	10.260	6.053	0.59	2.703	9.690	5.717	0.59	2.873
30	16	8.455	8.455	1.00	2.338	8.075	8.075	1.00	2.508	7.695	7.695	1.00	2.715
30	18	9.120	8.299	0.91	2.398	8.835	8.040	0.91	2.581	8.265	7.521	0.91	2.776
30	20	9.880	7.805	0.79	2.459	9.500	7.505	0.79	2.630	8.930	7.055	0.79	2.825
30	22	10.640	7.129	0.67	2.508	10.260	6.874	0.67	2.703	9.690	6.492	0.67	2.873
32	16	8.455	8.455	1.00	2.338	8.075	8.075	1.00	2.508	7.695	7.695	1.00	2.715
32	18	9.120	9.029	0.99	2.398	8.835	8.747	0.99	2.581	8.265	8.182	0.99	2.776
32	20	9.880	8.596	0.87	2.459	9.500	8.265	0.87	2.630	8.930	7.769	0.87	2.825
32	22	10.640	7.980	0.75	2.508	10.260	7.695	0.75	2.703	9.690	7.268	0.75	2.873
34	16	8.455	8.455	1.00	2.338	8.075	8.075	1.00	2.508	7.695	7.695	1.00	2.715
34	18	9.120	9.120	1.00	2.398	8.835	8.835	1.00	2.581	8.265	8.265	1.00	2.776
34	20	9.880	9.386	0.95	2.459	9.500	9.025	0.95	2.630				

COOLING CAPACITY

PKA-M100KA2 PKA-M100KAL2 / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	6.825	0.95	2.156	7.016	6.665	0.95	2.355	6.848	6.506	0.95	2.554
14	8	7.337	6.457	0.88	2.155	7.141	6.284	0.88	2.358	6.945	6.112	0.88	2.560
14	9	7.641	6.113	0.80	2.152	7.436	5.949	0.80	2.363	7.232	5.786	0.80	2.575
16	8	7.485	7.111	0.95	2.153	7.311	6.945	0.95	2.361	7.138	6.781	0.95	2.570
16	9	7.696	6.619	0.86	2.151	7.491	6.442	0.86	2.364	7.286	6.266	0.86	2.577
16	11	8.050	6.279	0.78	2.145	7.834	6.111	0.78	2.370	7.619	5.943	0.78	2.594
18	10	7.794	7.326	0.94	2.149	7.613	7.156	0.94	2.367	7.431	6.985	0.94	2.585
18	11	8.080	6.868	0.85	2.146	7.864	6.684	0.85	2.370	7.647	6.500	0.85	2.595
18	12	8.485	6.449	0.76	2.139	8.255	6.274	0.76	2.374	8.024	6.098	0.76	2.609
20	16	9.405	5.925	0.63	2.353	9.120	5.746	0.63	2.485	8.835	5.566	0.63	2.632
20	18	10.070	5.136	0.51	2.397	9.785	4.990	0.51	2.529	9.453	4.821	0.51	2.706
20	20	10.830	4.224	0.39	2.470	10.593	4.131	0.39	2.588	10.308	4.020	0.39	2.765
22	16	9.405	6.678	0.71	2.353	9.120	6.475	0.71	2.485	8.835	6.273	0.71	2.632
22	18	10.070	5.941	0.59	2.397	9.785	5.773	0.59	2.529	9.453	5.577	0.59	2.706
22	20	10.830	5.090	0.47	2.470	10.593	4.979	0.47	2.588	10.308	4.845	0.47	2.765
24	16	9.405	7.430	0.79	2.353	9.120	7.205	0.79	2.485	8.835	6.980	0.79	2.632
24	18	10.070	6.747	0.67	2.397	9.785	6.556	0.67	2.529	9.453	6.334	0.67	2.706
24	20	10.830	5.957	0.55	2.470	10.593	5.826	0.55	2.588	10.308	5.669	0.55	2.765
24	22	11.543	4.963	0.43	2.529	11.305	4.861	0.43	2.676	11.020	4.739	0.43	2.853
26	16	9.405	8.182	0.87	2.353	9.120	7.934	0.87	2.485	8.835	7.686	0.87	2.632
26	18	10.070	7.553	0.75	2.397	9.785	7.339	0.75	2.529	9.453	7.090	0.75	2.706
26	20	10.830	6.823	0.63	2.470	10.593	6.674	0.63	2.588	10.308	6.494	0.63	2.765
26	22	11.543	5.887	0.51	2.529	11.305	5.766	0.51	2.676	11.020	5.620	0.51	2.853
27	16	9.405	8.559	0.91	2.353	9.120	8.299	0.91	2.485	8.835	8.040	0.91	2.632
27	18	10.070	7.955	0.79	2.397	9.785	7.730	0.79	2.529	9.453	7.468	0.79	2.706
27	20	10.830	7.256	0.67	2.470	10.593	7.097	0.67	2.588	10.308	6.906	0.67	2.765
27	22	11.543	6.349	0.55	2.529	11.305	6.218	0.55	2.676	11.020	6.061	0.55	2.853
28	16	9.405	8.935	0.95	2.353	9.120	8.664	0.95	2.485	8.835	8.393	0.95	2.632
28	18	10.070	8.358	0.83	2.397	9.785	8.122	0.83	2.529	9.453	7.846	0.83	2.706
28	20	10.830	7.689	0.71	2.470	10.593	7.521	0.71	2.588	10.308	7.319	0.71	2.765
28	22	11.543	6.810	0.59	2.529	11.305	6.670	0.59	2.676	11.020	6.502	0.59	2.853
30	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
30	18	10.070	9.164	0.91	2.397	9.785	8.904	0.91	2.529	9.453	8.602	0.91	2.706
30	20	10.830	8.556	0.79	2.470	10.593	8.368	0.79	2.588	10.308	8.143	0.79	2.765
30	22	11.543	7.734	0.67	2.529	11.305	7.574	0.67	2.676	11.020	7.383	0.67	2.853
32	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
32	18	10.070	9.969	0.99	2.397	9.785	9.687	0.99	2.529	9.453	9.358	0.99	2.706
32	20	10.830	9.422	0.87	2.470	10.593	9.216	0.87	2.588	10.308	8.968	0.87	2.765
32	22	11.543	8.657	0.75	2.529	11.305	8.479	0.75	2.676	11.020	8.265	0.75	2.853
34	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
34	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
34	20	10.830	10.289	0.95	2.470	10.593	10.063	0.95	2.588	10.308	9.793	0.95	2.765
34	22	11.543	9.581	0.83	2.529	11.305	9.383	0.83	2.676	11.020	9.147	0.83	2.853

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.781	6.458	6.135	0.95	3.016	6.291	5.976	0.95	3.248
14	8	6.727	5.920	0.88	2.786	6.505	5.724	0.88	3.021	6.328	5.569	0.88	3.253
14	9	7.007	5.606	0.80	2.809	6.767	5.414	0.80	3.049	6.569	5.255	0.80	3.286
16	8	6.945	6.598	0.95	2.804	6.737	6.400	0.95	3.045	6.565	6.237	0.95	3.285
16	9	7.059	6.071	0.86	2.813	6.819	5.864	0.86	3.053	6.628	5.700	0.86	3.293
16	11	7.384	5.760	0.78	2.837	7.133	5.564	0.78	3.085	6.922	5.399	0.78	3.330
18	10	7.233	6.799	0.94	2.826	7.021	6.600	0.94	3.074	6.843	6.432	0.94	3.320
18	11	7.413	6.301	0.85	2.838	7.161	6.087	0.85	3.087	6.950	5.908	0.85	3.333
18	12	7.779	5.912	0.76	2.862	7.516	5.712	0.76	3.119	7.292	5.542	0.76	3.373
20	16	8.455	5.327	0.63	2.823	8.075	5.087	0.63	3.029	7.695	4.848	0.63	3.279
20	18	9.120	4.651	0.51	2.897	8.835	4.506	0.51	3.117	8.265	4.215	0.51	3.353
20	20	9.880	3.853	0.39	2.970	9.500	3.705	0.39	3.176	8.930	3.483	0.39	3.412
22	16	8.455	6.003	0.71	2.823	8.075	5.733	0.71	3.029	7.695	5.463	0.71	3.279
22	18	9.120	5.381	0.59	2.897	8.835	5.213	0.59	3.117	8.265	4.876	0.59	3.353
22	20	9.880	4.644	0.47	2.970	9.500	4.465	0.47	3.176	8.930	4.197	0.47	3.412
24	16	8.455	6.679	0.79	2.823	8.075	6.379	0.79	3.029	7.695	6.079	0.79	3.279
24	18	9.120	6.110	0.67	2.897	8.835	5.919	0.67	3.117	8.265	5.538	0.67	3.353
24	20	9.880	5.434	0.55	2.970	9.500	5.225	0.55	3.176	8.930	4.912	0.55	3.412
24	22	10.640	4.575	0.43	3.029	10.260	4.412	0.43	3.265	9.690	4.167	0.43	3.470
26	16	8.455	7.356	0.87	2.823	8.075	7.025	0.87	3.029	7.695	6.695	0.87	3.279
26	18	9.120	6.840	0.75	2.897	8.835	6.626	0.75	3.117	8.265	6.199	0.75	3.353
26	20	9.880	6.224	0.63	2.970	9.500	5.985	0.63	3.176	8.930	5.626	0.63	3.412
26	22	10.640	5.426	0.51	3.029	10.260	5.233	0.51	3.265	9.690	4.942	0.51	3.470
27	16	8.455	7.694	0.91	2.823	8.075	7.348	0.91	3.029	7.695	7.002	0.91	3.279
27	18	9.120	7.205	0.79	2.897	8.835	6.980	0.79	3.117	8.265	6.529	0.79	3.353
27	20	9.880	6.620	0.67	2.970	9.500	6.365	0.67	3.176	8.930	5.983	0.67	3.412
27	22	10.640	5.852	0.55	3.029	10.260	5.643	0.55	3.265	9.690	5.330	0.55	3.470
28	16	8.455	8.032	0.95	2.823	8.075	7.671	0.95	3.029	7.695	7.310	0.95	3.279
28	18	9.120	7.570	0.83	2.897	8.835	7.333	0.83	3.117	8.265	6.860	0.83	3.353
28	20	9.880	7.015	0.71	2.970	9.500	6.745	0.71	3.176	8.930	6.340	0.71	3.412
28	22	10.640	6.278	0.59	3.029	10.260	6.053	0.59	3.265	9.690	5.717	0.59	3.470
30	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
30	18	9.120	8.299	0.91	2.897	8.835	8.040	0.91	3.117	8.265	7.521	0.91	3.353
30	20	9.880	7.805	0.79	2.970	9.500	7.505	0.79	3.176	8.930	7.055	0.79	3.412
30	22	10.640	7.129	0.67	3.029	10.260	6.874	0.67	3.265	9.690	6.492	0.67	3.470
32	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
32	18	9.120	9.029	0.99	2.897	8.835	8.747	0.99	3.117	8.265	8.182	0.99	3.353
32	20	9.880	8.596	0.87	2.970	9.500	8.265	0.87	3.176	8.930	7.769	0.87	3.412
32	22	10.640	7.980	0.75	3.029	10.260	7.695	0.75	3.265	9.690	7.268	0.75	3.470
34	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
34	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
34	20	9.880	9.386	0.95	2.970	9.500	9.025	0.95	3.176	8.930	8.484</		

HEATING CAPACITY**PKA-M-LA2 PKA-M-LAL2 / PUZ-ZM-VKA2****PKA-M-KA2 PKA-M-KAL2 / PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M35LA(L)2	15	2.604	0.614	2.829	0.676	3.157	0.780	4.141	0.936	4.674	1.040	5.207	1.123
	20	2.501	0.666	2.706	0.728	2.993	0.842	3.998	1.009	4.510	1.123	5.023	1.206
	25	2.419	0.707	2.624	0.790	2.870	0.915	3.772	1.071	4.346	1.201	4.838	1.295
PKA-M50LA(L)2	15	3.175	0.793	3.450	0.874	3.850	1.008	5.050	1.210	5.700	1.344	6.350	1.452
	20	3.050	0.860	3.300	0.941	3.650	1.089	4.875	1.304	5.500	1.452	6.125	1.559
	25	2.950	0.914	3.200	1.021	3.500	1.183	4.600	1.384	5.300	1.552	5.900	1.673
PKA-M60KA(L)2	15	4.445	1.022	4.830	1.126	5.390	1.299	7.070	1.559	7.980	1.732	8.890	1.871
	20	4.270	1.108	4.620	1.212	5.110	1.403	6.825	1.680	7.700	1.871	8.575	2.009
	25	4.130	1.178	4.480	1.316	4.900	1.524	6.440	1.784	7.420	2.000	8.260	2.156
PKA-M71KA(L)2	15	5.080	1.248	5.520	1.375	6.160	1.587	8.080	1.904	9.120	2.116	10.160	2.285
	20	4.880	1.354	5.280	1.481	5.840	1.714	7.800	2.053	8.800	2.285	9.800	2.455
	25	4.720	1.439	5.120	1.608	5.600	1.862	7.360	2.179	8.480	2.444	9.440	2.634
PKA-M100KA(L)2	15	7.112	1.830	7.728	2.016	8.624	2.327	11.312	2.792	12.768	3.102	14.224	3.350
	20	6.832	1.985	7.392	2.171	8.176	2.513	10.920	3.009	12.320	3.350	13.720	3.598
	25	6.608	2.109	7.168	2.358	7.840	2.730	10.304	3.195	11.872	3.583	13.216	3.862

HEATING CAPACITY**PKA-M-KA2 PKA-M-KAL2 / PUZ-M-VKA2 PUZ-M-YKA2**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M100KA(L)2	15	7.112	1.938	7.728	2.135	8.624	2.463	11.312	2.956	12.768	3.284	14.224	3.547
	20	6.832	2.102	7.392	2.299	8.176	2.660	10.920	3.185	12.320	3.547	13.720	3.809
	25	6.608	2.233	7.168	2.496	7.840	2.890	10.304	3.383	11.872	3.793	13.216	4.089

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**A.2.5.2 R410A type
COOLING CAPACITY**

PKA-M100KA2 PKA-M100KAL2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

WALL-MOUNTED
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	6.237	0.63	2.34	9.600	6.048	0.63	2.47	9.300	5.859	0.63	2.62
20	18	10.600	5.406	0.51	2.38	10.300	5.253	0.51	2.52	9.950	5.075	0.51	2.69
20	20	11.400	4.446	0.39	2.46	11.150	4.349	0.39	2.57	10.850	4.232	0.39	2.75
22	16	9.900	7.029	0.71	2.34	9.600	6.816	0.71	2.47	9.300	6.603	0.71	2.62
22	18	10.600	6.254	0.59	2.38	10.300	6.077	0.59	2.52	9.950	5.871	0.59	2.69
22	20	11.400	5.358	0.47	2.46	11.150	5.241	0.47	2.57	10.850	5.100	0.47	2.75
24	16	9.900	7.821	0.79	2.34	9.600	7.584	0.79	2.47	9.300	7.347	0.79	2.62
24	18	10.600	7.102	0.67	2.38	10.300	6.901	0.67	2.52	9.950	6.667	0.67	2.69
24	20	11.400	6.270	0.55	2.46	11.150	6.133	0.55	2.57	10.850	5.968	0.55	2.75
24	22	12.150	5.225	0.43	2.52	11.900	5.117	0.43	2.66	11.600	4.988	0.43	2.84
26	16	9.900	8.613	0.87	2.34	9.600	8.352	0.87	2.47	9.300	8.091	0.87	2.62
26	18	10.600	7.950	0.75	2.38	10.300	7.725	0.75	2.52	9.950	7.463	0.75	2.69
26	20	11.400	7.182	0.63	2.46	11.150	7.025	0.63	2.57	10.850	6.836	0.63	2.75
26	22	12.150	6.197	0.51	2.52	11.900	6.069	0.51	2.66	11.600	5.916	0.51	2.84
27	16	9.900	9.009	0.91	2.34	9.600	8.736	0.91	2.47	9.300	8.463	0.91	2.62
27	18	10.600	8.374	0.79	2.38	10.300	8.137	0.79	2.52	9.950	7.861	0.79	2.69
27	20	11.400	7.638	0.67	2.46	11.150	7.471	0.67	2.57	10.850	7.270	0.67	2.75
27	22	12.150	6.683	0.55	2.52	11.900	6.545	0.55	2.66	11.600	6.380	0.55	2.84
28	16	9.900	9.405	0.95	2.34	9.600	9.120	0.95	2.47	9.300	8.835	0.95	2.62
28	18	10.600	8.798	0.83	2.38	10.300	8.549	0.83	2.52	9.950	8.259	0.83	2.69
28	20	11.400	8.094	0.71	2.46	11.150	7.917	0.71	2.57	10.850	7.704	0.71	2.75
28	22	12.150	7.169	0.59	2.52	11.900	7.021	0.59	2.66	11.600	6.844	0.59	2.84
30	16	9.900	9.900	1.00	2.34	9.600	9.600	1.00	2.47	9.300	9.300	1.00	2.62
30	18	10.600	9.646	0.91	2.38	10.300	9.373	0.91	2.52	9.950	9.055	0.91	2.69
30	20	11.400	9.006	0.79	2.46	11.150	8.809	0.79	2.57	10.850	8.572	0.79	2.75
30	22	12.150	8.141	0.67	2.52	11.900	7.973	0.67	2.66	11.600	7.772	0.67	2.84
32	16	9.900	9.900	1.00	2.34	9.600	9.600	1.00	2.47	9.300	9.300	1.00	2.62
32	18	10.600	10.494	0.99	2.38	10.300	10.197	0.99	2.52	9.950	9.851	0.99	2.69
32	20	11.400	9.918	0.87	2.46	11.150	9.701	0.87	2.57	10.850	9.440	0.87	2.75
32	22	12.150	9.113	0.75	2.52	11.900	8.925	0.75	2.66	11.600	8.700	0.75	2.84
34	16	9.900	9.900	1.00	2.34	9.600	9.600	1.00	2.47	9.300	9.300	1.00	2.62
34	18	10.600	10.600	1.00	2.38	10.300	10.300	1.00	2.52	9.950	9.950	1.00	2.69
34	20	11.400	10.830	0.95	2.46	11.150	10.593	0.95	2.57	10.850	10.308	0.95	2.75
34	22	12.150	10.085	0.83	2.52	11.900	9.877	0.83	2.66	11.600	9.628	0.83	2.84

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	5.607	0.63	2.81	8.500	5.355	0.63	3.01	8.100	5.103	0.63	3.26
20	18	9.600	4.896	0.51	2.88	9.300	4.743	0.51	3.10	8.700	4.437	0.51	3.33
20	20	10.400	4.056	0.39	2.95	10.000	3.900	0.39	3.16	9.400	3.666	0.39	3.39
22	16	8.900	6.319	0.71	2.81	8.500	6.035	0.71	3.01	8.100	5.751	0.71	3.26
22	18	9.600	5.664	0.59	2.88	9.300	5.487	0.59	3.10	8.700	5.133	0.59	3.33
22	20	10.400	4.888	0.47	2.95	10.000	4.700	0.47	3.16	9.400	4.418	0.47	3.39
24	16	8.900	7.031	0.79	2.81	8.500	6.715	0.79	3.01	8.100	6.399	0.79	3.26
24	18	9.600	6.432	0.67	2.88	9.300	6.231	0.67	3.10	8.700	5.829	0.67	3.33
24	20	10.400	5.720	0.55	2.95	10.000	5.500	0.55	3.16	9.400	5.170	0.55	3.39
24	22	11.200	4.816	0.43	3.01	10.800	4.644	0.43	3.25	10.200	4.386	0.43	3.45
26	16	8.900	7.743	0.87	2.81	8.500	7.395	0.87	3.01	8.100	7.047	0.87	3.26
26	18	9.600	7.200	0.75	2.88	9.300	6.975	0.75	3.10	8.700	6.525	0.75	3.33
26	20	10.400	6.552	0.63	2.95	10.000	6.300	0.63	3.16	9.400	5.922	0.63	3.39
26	22	11.200	5.712	0.51	3.01	10.800	5.508	0.51	3.25	10.200	5.202	0.51	3.45
27	16	8.900	8.099	0.91	2.81	8.500	7.735	0.91	3.01	8.100	7.371	0.91	3.26
27	18	9.600	7.584	0.79	2.88	9.300	7.347	0.79	3.10	8.700	6.873	0.79	3.33
27	20	10.400	6.968	0.67	2.95	10.000	6.700	0.67	3.16	9.400	6.298	0.67	3.39
27	22	11.200	6.160	0.55	3.01	10.800	5.940	0.55	3.25	10.200	5.610	0.55	3.45
28	16	8.900	8.455	0.95	2.81	8.500	8.075	0.95	3.01	8.100	7.695	0.95	3.26
28	18	9.600	7.968	0.83	2.88	9.300	7.719	0.83	3.10	8.700	7.221	0.83	3.33
28	20	10.400	7.384	0.71	2.95	10.000	7.100	0.71	3.16	9.400	6.674	0.71	3.39
28	22	11.200	6.608	0.59	3.01	10.800	6.372	0.59	3.25	10.200	6.018	0.59	3.45
30	16	8.900	8.900	1.00	2.81	8.500	8.500	1.00	3.01	8.100	8.100	1.00	3.26
30	18	9.600	8.736	0.91	2.88	9.300	8.463	0.91	3.10	8.700	7.917	0.91	3.33
30	20	10.400	8.216	0.79	2.95	10.000	7.900	0.79	3.16	9.400	7.426	0.79	3.39
30	22	11.200	7.504	0.67	3.01	10.800	7.236	0.67	3.25	10.200	6.834	0.67	3.45
32	16	8.900	8.900	1.00	2.81	8.500	8.500	1.00	3.01	8.100	8.100	1.00	3.26
32	18	9.600	9.504	0.99	2.88	9.300	9.207	0.99	3.10	8.700	8.613	0.99	3.33
32	20	10.400	9.048	0.87	2.95	10.000	8.700	0.87	3.16	9.400	8.178	0.87	3.39
32	22	11.200	8.400	0.75	3.01	10.800	8.100	0.75	3.25	10.200	7.650	0.75	3.45
34	16	8.900	8.900	1.00	2.81	8.500	8.500	1.00	3.01	8.100	8.100	1.00	3.26
34	18	9.600	9.600	1.00	2.88	9.300	9.300	1.00	3.10	8.700	8.700	1.00	3.33
34	20	10.400	9.880	0.95	2.95	10.000	9.500	0.95	3.16	9.400	8.930	0.95	3.39
34	22	11.200	9.296	0.83	3.01	10.800	8.964	0.83	3.25	10.200	8.466	0.83	3.45

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M35LA2 PKA-M35LAL2 / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.281	0.64	0.752	3.456	2.212	0.64	0.794	3.348	2.143	0.64	0.841
20	18	3.816	1.984	0.52	0.766	3.708	1.928	0.52	0.808	3.582	1.863	0.52	0.865
20	20	4.104	1.642	0.40	0.790	4.014	1.606	0.40	0.827	3.906	1.562	0.40	0.884
22	16	3.564	2.566	0.72	0.752	3.456	2.488	0.72	0.794	3.348	2.411	0.72	0.841
22	18	3.816	2.290	0.60	0.766	3.708	2.225	0.60	0.808	3.582	2.149	0.60	0.865
22	20	4.104	1.970	0.48	0.790	4.014	1.927	0.48	0.827	3.906	1.875	0.48	0.884
24	16	3.564	2.851	0.80	0.752	3.456	2.765	0.80	0.794	3.348	2.678	0.80	0.841
24	18	3.816	2.595	0.68	0.766	3.708	2.521	0.68	0.808	3.582	2.436	0.68	0.865
24	20	4.104	2.298	0.56	0.790	4.014	2.248	0.56	0.827	3.906	2.187	0.56	0.884
24	22	4.374	1.925	0.44	0.808	4.284	1.885	0.44	0.855	4.176	1.837	0.44	0.912
26	16	3.564	3.136	0.88	0.752	3.456	3.041	0.88	0.794	3.348	2.946	0.88	0.841
26	18	3.816	2.900	0.76	0.766	3.708	2.818	0.76	0.808	3.582	2.722	0.76	0.865
26	20	4.104	2.627	0.64	0.790	4.014	2.569	0.64	0.827	3.906	2.500	0.64	0.884
26	22	4.374	2.274	0.52	0.808	4.284	2.228	0.52	0.855	4.176	2.172	0.52	0.912
27	16	3.564	3.279	0.92	0.752	3.456	3.180	0.92	0.794	3.348	3.080	0.92	0.841
27	18	3.816	3.053	0.80	0.766	3.708	2.966	0.80	0.808	3.582	2.866	0.80	0.865
27	20	4.104	2.791	0.68	0.790	4.014	2.730	0.68	0.827	3.906	2.656	0.68	0.884
27	22	4.374	2.449	0.56	0.808	4.284	2.399	0.56	0.855	4.176	2.339	0.56	0.912
28	16	3.564	3.421	0.96	0.752	3.456	3.318	0.96	0.794	3.348	3.214	0.96	0.841
28	18	3.816	3.205	0.84	0.766	3.708	3.115	0.84	0.808	3.582	3.009	0.84	0.865
28	20	4.104	2.955	0.72	0.790	4.014	2.890	0.72	0.827	3.906	2.812	0.72	0.884
28	22	4.374	2.624	0.60	0.808	4.284	2.570	0.60	0.855	4.176	2.506	0.60	0.912
30	16	3.564	3.564	1.00	0.752	3.456	3.456	1.00	0.794	3.348	3.348	1.00	0.841
30	18	3.816	3.511	0.92	0.766	3.708	3.411	0.92	0.808	3.582	3.295	0.92	0.865
30	20	4.104	3.283	0.80	0.790	4.014	3.211	0.80	0.827	3.906	3.125	0.80	0.884
30	22	4.374	2.974	0.68	0.808	4.284	2.913	0.68	0.855	4.176	2.840	0.68	0.912
32	16	3.564	3.564	1.00	0.752	3.456	3.456	1.00	0.794	3.348	3.348	1.00	0.841
32	18	3.816	3.816	1.00	0.766	3.708	3.708	1.00	0.808	3.582	3.582	1.00	0.865
32	20	4.104	3.612	0.88	0.790	4.014	3.532	0.88	0.827	3.906	3.437	0.88	0.884
32	22	4.374	3.324	0.76	0.808	4.284	3.256	0.76	0.855	4.176	3.174	0.76	0.912
34	16	3.564	3.564	1.00	0.752	3.456	3.456	1.00	0.794	3.348	3.348	1.00	0.841
34	18	3.816	3.816	1.00	0.766	3.708	3.708	1.00	0.808	3.582	3.582	1.00	0.865
34	20	4.104	3.940	0.96	0.790	4.014	3.853	0.96	0.827	3.906	3.750	0.96	0.884
34	22	4.374	3.674	0.84	0.808	4.284	3.599	0.84	0.855	4.176	3.508	0.84	0.912

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.051	0.64	0.902	3.060	1.958	0.64	0.968	2.916	1.866	0.64	1.048
20	18	3.456	1.797	0.52	0.926	3.348	1.741	0.52	0.996	3.132	1.629	0.52	1.072
20	20	3.744	1.498	0.40	0.949	3.600	1.440	0.40	1.015	3.384	1.354	0.40	1.090
22	16	3.204	2.307	0.72	0.902	3.060	2.203	0.72	0.968	2.916	2.100	0.72	1.048
22	18	3.456	2.074	0.60	0.926	3.348	2.009	0.60	0.996	3.132	1.879	0.60	1.072
22	20	3.744	1.797	0.48	0.949	3.600	1.728	0.48	1.015	3.384	1.624	0.48	1.090
24	16	3.204	2.563	0.80	0.902	3.060	2.448	0.80	0.968	2.916	2.333	0.80	1.048
24	18	3.456	2.350	0.68	0.926	3.348	2.277	0.68	0.996	3.132	2.130	0.68	1.072
24	20	3.744	2.097	0.56	0.949	3.600	2.016	0.56	1.015	3.384	1.895	0.56	1.090
24	22	4.032	1.774	0.44	0.968	3.888	1.711	0.44	1.043	3.672	1.616	0.44	1.109
26	16	3.204	2.820	0.88	0.902	3.060	2.693	0.88	0.968	2.916	2.566	0.88	1.048
26	18	3.456	2.627	0.76	0.926	3.348	2.544	0.76	0.996	3.132	2.380	0.76	1.072
26	20	3.744	2.396	0.64	0.949	3.600	2.304	0.64	1.015	3.384	2.166	0.64	1.090
26	22	4.032	2.097	0.52	0.968	3.888	2.022	0.52	1.043	3.672	1.909	0.52	1.109
27	16	3.204	2.948	0.92	0.902	3.060	2.815	0.92	0.968	2.916	2.683	0.92	1.048
27	18	3.456	2.765	0.80	0.926	3.348	2.678	0.80	0.996	3.132	2.506	0.80	1.072
27	20	3.744	2.546	0.68	0.949	3.600	2.448	0.68	1.015	3.384	2.301	0.68	1.090
27	22	4.032	2.258	0.56	0.968	3.888	2.177	0.56	FALSE	3.672	2.056	0.56	1.109
28	16	3.204	3.076	0.96	0.902	3.060	2.938	0.96	0.968	2.916	2.799	0.96	1.048
28	18	3.456	2.903	0.84	0.926	3.348	2.812	0.84	0.996	3.132	2.631	0.84	1.072
28	20	3.744	2.696	0.72	0.949	3.600	2.592	0.72	1.015	3.384	2.436	0.72	1.090
28	22	4.032	2.419	0.60	0.968	3.888	2.333	0.60	1.043	3.672	2.203	0.60	1.109
30	16	3.204	3.204	1.00	0.902	3.060	3.060	1.00	0.968	2.916	2.916	1.00	1.048
30	18	3.456	3.180	0.92	0.926	3.348	3.080	0.92	0.996	3.132	2.881	0.92	1.072
30	20	3.744	2.995	0.80	0.949	3.600	2.880	0.80	1.015	3.384	2.707	0.80	1.090
30	22	4.032	2.742	0.68	0.968	3.888	2.644	0.68	1.043	3.672	2.497	0.68	1.109
32	16	3.204	3.204	1.00	0.902	3.060	3.060	1.00	0.968	2.916	2.916	1.00	1.048
32	18	3.456	3.456	1.00	0.926	3.348	3.348	1.00	0.996	3.132	3.132	1.00	1.072
32	20	3.744	3.295	0.88	0.949	3.600	3.168	0.88	1.015	3.384	2.978	0.88	1.090
32	22	4.032	3.064	0.76	0.968	3.888	2.955	0.76	1.043	3.672	2.791	0.76	1.109
34	16	3.204	3.204	1.00	0.902	3.060	3.060	1.00	0.968	2.916	2.916	1.00	1.048
34	18	3.456	3.456	1.00	0.926	3.348	3.348	1.00	0.996	3.132	3.132	1.00	1.072
34	20	3.744	3.594	0.96	0.949	3.600	3.456	0.96	1.015	3.384	3.249	0.96	1.090
34	22	4.032	3.387	0.84	0.968	3.888	3.266	0.84	1.043	3.672	3.084	0.84	1.109

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M50LA2 PKA-M50LAL2 / PUHZ-ZRP50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.554	2.550	0.56	1.139	4.416	2.473	0.56	1.203	4.278	2.396	0.56	1.274
20	18	4.876	2.145	0.44	1.161	4.738	2.085	0.44	1.225	4.577	2.014	0.44	1.310
20	20	5.244	1.678	0.32	1.196	5.129	1.641	0.32	1.253	4.991	1.597	0.32	1.339
22	16	4.554	2.915	0.64	1.139	4.416	2.826	0.64	1.203	4.278	2.738	0.64	1.274
22	18	4.876	2.536	0.52	1.161	4.738	2.464	0.52	1.225	4.577	2.380	0.52	1.310
22	20	5.244	2.098	0.40	1.196	5.129	2.052	0.40	1.253	4.991	1.996	0.40	1.339
24	16	4.554	3.279	0.72	1.139	4.416	3.180	0.72	1.203	4.278	3.080	0.72	1.274
24	18	4.876	2.926	0.60	1.161	4.738	2.843	0.60	1.225	4.577	2.746	0.60	1.310
24	20	5.244	2.517	0.48	1.196	5.129	2.462	0.48	1.253	4.991	2.396	0.48	1.339
24	22	5.589	2.012	0.36	1.225	5.474	1.971	0.36	1.296	5.336	1.921	0.36	1.381
26	16	4.554	3.643	0.80	1.139	4.416	3.533	0.80	1.203	4.278	3.422	0.80	1.274
26	18	4.876	3.316	0.68	1.161	4.738	3.222	0.68	1.225	4.577	3.112	0.68	1.310
26	20	5.244	2.937	0.56	1.196	5.129	2.872	0.56	1.253	4.991	2.795	0.56	1.339
26	22	5.589	2.459	0.44	1.225	5.474	2.409	0.44	1.296	5.336	2.348	0.44	1.381
27	16	4.554	3.825	0.84	1.139	4.416	3.709	0.84	1.203	4.278	3.594	0.84	1.274
27	18	4.876	3.511	0.72	1.161	4.738	3.411	0.72	1.225	4.577	3.295	0.72	1.310
27	20	5.244	3.146	0.60	1.196	5.129	3.077	0.60	1.253	4.991	2.995	0.60	1.339
27	22	5.589	2.683	0.48	1.225	5.474	2.628	0.48	1.296	5.336	2.561	0.48	1.381
28	16	4.554	4.008	0.88	1.139	4.416	3.886	0.88	1.203	4.278	3.765	0.88	1.274
28	18	4.876	3.706	0.76	1.161	4.738	3.601	0.76	1.225	4.577	3.479	0.76	1.310
28	20	5.244	3.356	0.64	1.196	5.129	3.283	0.64	1.253	4.991	3.194	0.64	1.339
28	22	5.589	2.906	0.52	1.225	5.474	2.846	0.52	1.296	5.336	2.775	0.52	1.381
30	16	4.554	4.372	0.96	1.139	4.416	4.239	0.96	1.203	4.278	4.107	0.96	1.274
30	18	4.876	4.096	0.84	1.161	4.738	3.980	0.84	1.225	4.577	3.845	0.84	1.310
30	20	5.244	3.776	0.72	1.196	5.129	3.693	0.72	1.253	4.991	3.594	0.72	1.339
30	22	5.589	3.353	0.60	1.225	5.474	3.284	0.60	1.296	5.336	3.202	0.60	1.381
32	16	4.554	4.554	1.00	1.139	4.416	4.416	1.00	1.203	4.278	4.278	1.00	1.274
32	18	4.876	4.486	0.92	1.161	4.738	4.359	0.92	1.225	4.577	4.211	0.92	1.310
32	20	5.244	4.195	0.80	1.196	5.129	4.103	0.80	1.253	4.991	3.993	0.80	1.339
32	22	5.589	3.801	0.68	1.225	5.474	3.722	0.68	1.296	5.336	3.628	0.68	1.381
34	16	4.554	4.554	1.00	1.139	4.416	4.416	1.00	1.203	4.278	4.278	1.00	1.274
34	18	4.876	4.876	1.00	1.161	4.738	4.738	1.00	1.225	4.577	4.577	1.00	1.310
34	20	5.244	4.615	0.88	1.196	5.129	4.514	0.88	1.253	4.991	4.392	0.88	1.339
34	22	5.589	4.248	0.76	1.225	5.474	4.160	0.76	1.296	5.336	4.055	0.76	1.381

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.094	2.293	0.56	1.367	3.910	2.190	0.56	1.467	3.726	2.087	0.56	1.588
20	18	4.416	1.943	0.44	1.403	4.278	1.882	0.44	1.509	4.002	1.761	0.44	1.623
20	20	4.784	1.531	0.32	1.438	4.600	1.472	0.32	1.538	4.324	1.384	0.32	1.652
22	16	4.094	2.620	0.64	1.367	3.910	2.502	0.64	1.467	3.726	2.385	0.64	1.588
22	18	4.416	2.296	0.52	1.403	4.278	2.225	0.52	1.509	4.002	2.081	0.52	1.623
22	20	4.784	1.914	0.40	1.438	4.600	1.840	0.40	1.538	4.324	1.730	0.40	1.652
24	16	4.094	2.948	0.72	1.367	3.910	2.815	0.72	1.467	3.726	2.683	0.72	1.588
24	18	4.416	2.650	0.60	1.403	4.278	2.567	0.60	1.509	4.002	2.401	0.60	1.623
24	20	4.784	2.296	0.48	1.438	4.600	2.208	0.48	1.538	4.324	2.076	0.48	1.652
24	22	5.152	1.855	0.36	1.467	4.968	1.788	0.36	1.581	4.692	1.689	0.36	1.680
26	16	4.094	3.275	0.80	1.367	3.910	3.128	0.80	1.467	3.726	2.981	0.80	1.588
26	18	4.416	3.003	0.68	1.403	4.278	2.909	0.68	1.509	4.002	2.721	0.68	1.623
26	20	4.784	2.679	0.56	1.438	4.600	2.576	0.56	1.538	4.324	2.421	0.56	1.652
26	22	5.152	2.267	0.44	1.467	4.968	2.186	0.44	1.581	4.692	2.064	0.44	1.680
27	16	4.094	3.439	0.84	1.367	3.910	3.284	0.84	1.467	3.726	3.130	0.84	1.588
27	18	4.416	3.180	0.72	1.403	4.278	3.080	0.72	1.509	4.002	2.881	0.72	1.623
27	20	4.784	2.870	0.60	1.438	4.600	2.760	0.60	1.538	4.324	2.594	0.60	1.652
27	22	5.152	2.473	0.48	1.467	4.968	2.385	0.48	1.581	4.692	2.252	0.48	1.680
28	16	4.094	3.603	0.88	1.367	3.910	3.441	0.88	1.467	3.726	3.279	0.88	1.588
28	18	4.416	3.356	0.76	1.403	4.278	3.251	0.76	1.509	4.002	3.042	0.76	1.623
28	20	4.784	3.062	0.64	1.438	4.600	2.944	0.64	1.538	4.324	2.767	0.64	1.652
28	22	5.152	2.679	0.52	1.467	4.968	2.583	0.52	1.581	4.692	2.440	0.52	1.680
30	16	4.094	3.930	0.96	1.367	3.910	3.754	0.96	1.467	3.726	3.577	0.96	1.588
30	18	4.416	3.709	0.84	1.403	4.278	3.594	0.84	1.509	4.002	3.362	0.84	1.623
30	20	4.784	3.444	0.72	1.438	4.600	3.312	0.72	1.538	4.324	3.113	0.72	1.652
30	22	5.152	3.091	0.60	1.467	4.968	2.981	0.60	1.581	4.692	2.815	0.60	1.680
32	16	4.094	4.094	1.00	1.367	3.910	3.910	1.00	1.467	3.726	3.726	1.00	1.588
32	18	4.416	4.063	0.92	1.403	4.278	3.936	0.92	1.509	4.002	3.682	0.92	1.623
32	20	4.784	3.827	0.80	1.438	4.600	3.680	0.80	1.538	4.324	3.459	0.80	1.652
32	22	5.152	3.503	0.68	1.467	4.968	3.378	0.68	1.581	4.692	3.191	0.68	1.680
34	16	4.094	4.094	1.00	1.367	3.910	3.910	1.00	1.467	3.726	3.726	1.00	1.588
34	18	4.416	4.416	1.00	1.403	4.278	4.278	1.00	1.509	4.002	4.002	1.00	1.623
34	20	4.784	4.210	0.88	1.438	4.600	4.048	0.88	1.538	4.324	3.805	0.88	1.652
34	22	5.152	3.916	0.76	1.467	4.968	3.776	0.76	1.581	4.692	3.566	0.76	1.680

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M60KA2 PKA-M60KAL2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.590	0.76	1.281	5.856	4.451	0.76	1.353	5.673	4.311	0.76	1.433
20	18	6.466	4.138	0.64	1.305	6.283	4.021	0.64	1.377	6.070	3.885	0.64	1.473
20	20	6.954	3.616	0.52	1.345	6.802	3.537	0.52	1.409	6.619	3.442	0.52	1.505
22	16	6.039	5.073	0.84	1.281	5.856	4.919	0.84	1.353	5.673	4.765	0.84	1.433
22	18	6.466	4.656	0.72	1.305	6.283	4.524	0.72	1.377	6.070	4.370	0.72	1.473
22	20	6.954	4.172	0.60	1.345	6.802	4.081	0.60	1.409	6.619	3.971	0.60	1.505
24	16	6.039	5.556	0.92	1.281	5.856	5.388	0.92	1.353	5.673	5.219	0.92	1.433
24	18	6.466	5.173	0.80	1.305	6.283	5.026	0.80	1.377	6.070	4.856	0.80	1.473
24	20	6.954	4.729	0.68	1.345	6.802	4.625	0.68	1.409	6.619	4.501	0.68	1.505
24	22	7.412	4.151	0.56	1.377	7.259	4.065	0.56	1.457	7.076	3.963	0.56	1.553
26	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
26	18	6.466	5.690	0.88	1.305	6.283	5.529	0.88	1.377	6.070	5.342	0.88	1.473
26	20	6.954	5.285	0.76	1.345	6.802	5.170	0.76	1.409	6.619	5.030	0.76	1.505
26	22	7.412	4.744	0.64	1.377	7.259	4.646	0.64	1.457	7.076	4.529	0.64	1.553
27	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
27	18	6.466	5.949	0.92	1.305	6.283	5.780	0.92	1.377	6.070	5.584	0.92	1.473
27	20	6.954	5.563	0.80	1.345	6.802	5.442	0.80	1.409	6.619	5.295	0.80	1.505
27	22	7.412	5.040	0.68	1.377	7.259	4.936	0.68	1.457	7.076	4.812	0.68	1.553
28	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
28	18	6.466	6.207	0.96	1.305	6.283	6.032	0.96	1.377	6.070	5.827	0.96	1.473
28	20	6.954	5.841	0.84	1.345	6.802	5.714	0.84	1.409	6.619	5.560	0.84	1.505
28	22	7.412	5.337	0.72	1.377	7.259	5.226	0.72	1.457	7.076	5.095	0.72	1.553
30	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
30	18	6.466	6.466	1.00	1.305	6.283	6.283	1.00	1.377	6.070	6.070	1.00	1.473
30	20	6.954	6.398	0.92	1.345	6.802	6.258	0.92	1.409	6.619	6.089	0.92	1.505
30	22	7.412	5.930	0.80	1.377	7.259	5.807	0.80	1.457	7.076	5.661	0.80	1.553
32	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
32	18	6.466	6.466	1.00	1.305	6.283	6.283	1.00	1.377	6.070	6.070	1.00	1.473
32	20	6.954	6.954	1.00	1.345	6.802	6.802	1.00	1.409	6.619	6.619	1.00	1.505
32	22	7.412	6.523	0.88	1.377	7.259	6.388	0.88	1.457	7.076	6.227	0.88	1.553
34	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
34	18	6.466	6.466	1.00	1.305	6.283	6.283	1.00	1.377	6.070	6.070	1.00	1.473
34	20	6.954	6.954	1.00	1.345	6.802	6.802	1.00	1.409	6.619	6.619	1.00	1.505
34	22	7.412	7.116	0.96	1.377	7.259	6.969	0.96	1.457	7.076	6.793	0.96	1.553

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	4.126	0.76	1.537	5.185	3.941	0.76	1.649	4.941	3.755	0.76	1.785
20	18	5.856	3.748	0.64	1.577	5.673	3.631	0.64	1.697	5.307	3.396	0.64	1.825
20	20	6.344	3.299	0.52	1.617	6.100	3.172	0.52	1.729	5.734	2.982	0.52	1.857
22	16	5.429	4.560	0.84	1.537	5.185	4.355	0.84	1.649	4.941	4.150	0.84	1.785
22	18	5.856	4.216	0.72	1.577	5.673	4.085	0.72	1.697	5.307	3.821	0.72	1.825
22	20	6.344	3.806	0.60	1.617	6.100	3.660	0.60	1.729	5.734	3.440	0.60	1.857
24	16	5.429	4.995	0.92	1.537	5.185	4.770	0.92	1.649	4.941	4.546	0.92	1.785
24	18	5.856	4.685	0.80	1.577	5.673	4.538	0.80	1.697	5.307	4.246	0.80	1.825
24	20	6.344	4.314	0.68	1.617	6.100	4.148	0.68	1.729	5.734	3.899	0.68	1.857
24	22	6.832	3.826	0.56	1.649	6.588	3.689	0.56	1.777	6.222	3.484	0.56	1.889
26	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
26	18	5.856	5.153	0.88	1.577	5.673	4.992	0.88	1.697	5.307	4.670	0.88	1.825
26	20	6.344	4.821	0.76	1.617	6.100	4.636	0.76	1.729	5.734	4.358	0.76	1.857
26	22	6.832	4.372	0.64	1.649	6.588	4.216	0.64	1.777	6.222	3.982	0.64	1.889
27	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
27	18	5.856	5.388	0.92	1.577	5.673	5.219	0.92	1.697	5.307	4.882	0.92	1.825
27	20	6.344	5.075	0.80	1.617	6.100	4.880	0.80	1.729	5.734	4.587	0.80	1.857
27	22	6.832	4.646	0.68	1.649	6.588	4.480	0.68	1.777	6.222	4.231	0.68	1.889
28	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
28	18	5.856	5.622	0.96	1.577	5.673	5.446	0.96	1.697	5.307	5.095	0.96	1.825
28	20	6.344	5.329	0.84	1.617	6.100	5.124	0.84	1.729	5.734	4.817	0.84	1.857
28	22	6.832	4.919	0.72	1.649	6.588	4.743	0.72	1.777	6.222	4.480	0.72	1.889
30	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
30	18	5.856	5.856	1.00	1.577	5.673	5.673	1.00	1.697	5.307	5.307	1.00	1.825
30	20	6.344	5.836	0.92	1.617	6.100	5.612	0.92	1.729	5.734	5.275	0.92	1.857
30	22	6.832	5.466	0.80	1.649	6.588	5.270	0.80	1.777	6.222	4.978	0.80	1.889
32	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
32	18	5.856	5.856	1.00	1.577	5.673	5.673	1.00	1.697	5.307	5.307	1.00	1.825
32	20	6.344	6.344	1.00	1.617	6.100	6.100	1.00	1.729	5.734	5.734	1.00	1.857
32	22	6.832	6.012	0.88	1.649	6.588	5.797	0.88	1.777	6.222	5.475	0.88	1.889
34	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
34	18	5.856	5.856	1.00	1.577	5.673	5.673	1.00	1.697	5.307	5.307	1.00	1.825
34	20	6.344	6.344	1.00	1.617	6.100	6.100	1.00	1.729	5.734	5.734	1.00	1.857
34	22	6.832	6.559	0.96	1.649	6.588	6.324	0.96	1.777	6.222	5.973	0.96	1.889

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M71KA2 PKA-M71KAL2 / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.780	0.68	1.442	6.816	4.635	0.68	1.523	6.603	4.490	0.68	1.613
20	18	7.526	4.215	0.56	1.469	7.313	4.095	0.56	1.550	7.065	3.956	0.56	1.658
20	20	8.094	3.561	0.44	1.514	7.917	3.483	0.44	1.586	7.704	3.390	0.44	1.694
22	16	7.029	5.342	0.76	1.442	6.816	5.180	0.76	1.523	6.603	5.018	0.76	1.613
22	18	7.526	4.817	0.64	1.469	7.313	4.680	0.64	1.550	7.065	4.522	0.64	1.658
22	20	8.094	4.209	0.52	1.514	7.917	4.117	0.52	1.586	7.704	4.006	0.52	1.694
24	16	7.029	5.904	0.84	1.442	6.816	5.725	0.84	1.523	6.603	5.547	0.84	1.613
24	18	7.526	5.419	0.72	1.469	7.313	5.265	0.72	1.550	7.065	5.087	0.72	1.658
24	20	8.094	4.856	0.60	1.514	7.917	4.750	0.60	1.586	7.704	4.622	0.60	1.694
24	22	8.627	4.141	0.48	1.550	8.449	4.056	0.48	1.640	8.236	3.953	0.48	1.748
26	16	7.029	6.467	0.92	1.442	6.816	6.271	0.92	1.523	6.603	6.075	0.92	1.613
26	18	7.526	6.021	0.80	1.469	7.313	5.850	0.80	1.550	7.065	5.652	0.80	1.658
26	20	8.094	5.504	0.68	1.514	7.917	5.384	0.68	1.586	7.704	5.239	0.68	1.694
26	22	8.627	4.831	0.56	1.550	8.449	4.731	0.56	1.640	8.236	4.612	0.56	1.748
27	16	7.029	6.748	0.96	1.442	6.816	6.543	0.96	1.523	6.603	6.339	0.96	1.613
27	18	7.526	6.322	0.84	1.469	7.313	6.143	0.84	1.550	7.065	5.935	0.84	1.658
27	20	8.094	5.828	0.72	1.514	7.917	5.700	0.72	1.586	7.704	5.547	0.72	1.694
27	22	8.627	5.176	0.60	1.550	8.449	5.089	0.60	1.640	8.236	4.942	0.60	1.748
28	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
28	18	7.526	6.623	0.88	1.469	7.313	6.435	0.88	1.550	7.065	6.217	0.88	1.658
28	20	8.094	6.151	0.76	1.514	7.917	6.017	0.76	1.586	7.704	5.855	0.76	1.694
28	22	8.627	5.521	0.64	1.550	8.449	5.407	0.64	1.640	8.236	5.271	0.64	1.748
30	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
30	18	7.526	7.225	0.96	1.469	7.313	7.020	0.96	1.550	7.065	6.782	0.96	1.658
30	20	8.094	6.799	0.84	1.514	7.917	6.650	0.84	1.586	7.704	6.471	0.84	1.694
30	22	8.627	6.211	0.72	1.550	8.449	6.083	0.72	1.640	8.236	5.930	0.72	1.748
32	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
32	18	7.526	7.526	1.00	1.469	7.313	7.313	1.00	1.550	7.065	7.065	1.00	1.658
32	20	8.094	7.446	0.92	1.514	7.917	7.284	0.92	1.586	7.704	7.088	0.92	1.694
32	22	8.627	6.902	0.80	1.550	8.449	6.759	0.80	1.640	8.236	6.589	0.80	1.748
34	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
34	18	7.526	7.526	1.00	1.469	7.313	7.313	1.00	1.550	7.065	7.065	1.00	1.658
34	20	8.094	8.094	1.00	1.514	7.917	7.917	1.00	1.586	7.704	7.704	1.00	1.694
34	22	8.627	7.592	0.88	1.550	8.449	7.435	0.88	1.640	8.236	7.248	0.88	1.748

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.297	0.68	1.730	6.035	4.104	0.68	1.856	5.751	3.911	0.68	2.009
20	18	6.816	3.817	0.56	1.775	6.603	3.698	0.56	1.910	6.177	3.459	0.56	2.054
20	20	7.384	3.249	0.44	1.820	7.100	3.124	0.44	1.946	6.674	2.937	0.44	2.090
22	16	6.319	4.802	0.76	1.730	6.035	4.587	0.76	1.856	5.751	4.371	0.76	2.009
22	18	6.816	4.362	0.64	1.775	6.603	4.226	0.64	1.910	6.177	3.953	0.64	2.054
22	20	7.384	3.840	0.52	1.820	7.100	3.692	0.52	1.946	6.674	3.470	0.52	2.090
24	16	6.319	5.308	0.84	1.730	6.035	5.069	0.84	1.856	5.751	4.831	0.84	2.009
24	18	6.816	4.908	0.72	1.775	6.603	4.754	0.72	1.910	6.177	4.447	0.72	2.054
24	20	7.384	4.430	0.60	1.820	7.100	4.260	0.60	1.946	6.674	4.004	0.60	2.090
24	22	7.952	3.817	0.48	1.856	7.668	3.681	0.48	2.000	7.242	3.476	0.48	2.126
26	16	6.319	5.813	0.92	1.730	6.035	5.552	0.92	1.856	5.751	5.291	0.92	2.009
26	18	6.816	5.453	0.80	1.775	6.603	5.282	0.80	1.910	6.177	4.942	0.80	2.054
26	20	7.384	5.021	0.68	1.820	7.100	4.828	0.68	1.946	6.674	4.538	0.68	2.090
26	22	7.952	4.453	0.56	1.856	7.668	4.294	0.56	2.000	7.242	4.056	0.56	2.126
27	16	6.319	6.066	0.96	1.730	6.035	5.794	0.96	1.856	5.751	5.521	0.96	2.009
27	18	6.816	5.725	0.84	1.775	6.603	5.547	0.84	1.910	6.177	5.189	0.84	2.054
27	20	7.384	5.316	0.72	1.820	7.100	5.112	0.72	1.946	6.674	4.805	0.72	2.090
27	22	7.952	4.771	0.60	1.856	7.668	4.601	0.60	2.000	7.242	4.345	0.60	2.126
28	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
28	18	6.816	5.998	0.88	1.775	6.603	5.811	0.88	1.910	6.177	5.436	0.88	2.054
28	20	7.384	5.612	0.76	1.820	7.100	5.396	0.76	1.946	6.674	5.072	0.76	2.090
28	22	7.952	5.089	0.64	1.856	7.668	4.908	0.64	2.000	7.242	4.635	0.64	2.126
30	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
30	18	6.816	6.543	0.96	1.775	6.603	6.339	0.96	1.910	6.177	5.930	0.96	2.054
30	20	7.384	6.203	0.84	1.820	7.100	5.964	0.84	1.946	6.674	5.606	0.84	2.090
30	22	7.952	5.725	0.72	1.856	7.668	5.521	0.72	2.000	7.242	5.214	0.72	2.126
32	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
32	18	6.816	6.816	1.00	1.775	6.603	6.603	1.00	1.910	6.177	6.177	1.00	2.054
32	20	7.384	6.793	0.92	1.820	7.100	6.532	0.92	1.946	6.674	6.140	0.92	2.090
32	22	7.952	6.362	0.80	1.856	7.668	6.134	0.80	2.000	7.242	5.794	0.80	2.126
34	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
34	18	6.816	6.816	1.00	1.775	6.603	6.603	1.00	1.910	6.177	6.177	1.00	2.054
34	20	7.384	7.384	1.00	1.820	7.100	7.100	1.00	1.946	6.674	6.674	1.00	2.090
34	22	7.952	6.998	0.88	1.856	7.668	6.748	0.88	2.000	7.242	6.373	0.88	2.126

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PKA-M100KA2 PKA-M100KAL2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	5.925	0.63	1.918	9.120	5.746	0.63	2.026	8.835	5.566	0.63	2.146
20	18	10.070	5.136	0.51	1.954	9.785	4.990	0.51	2.062	9.453	4.821	0.51	2.206
20	20	10.830	4.224	0.39	2.014	10.593	4.131	0.39	2.110	10.308	4.020	0.39	2.254
22	16	9.405	6.678	0.71	1.918	9.120	6.475	0.71	2.026	8.835	6.273	0.71	2.146
22	18	10.070	5.941	0.59	1.954	9.785	5.773	0.59	2.062	9.453	5.577	0.59	2.206
22	20	10.830	5.090	0.47	2.014	10.593	4.979	0.47	2.110	10.308	4.845	0.47	2.254
24	16	9.405	7.430	0.79	1.918	9.120	7.205	0.79	2.026	8.835	6.980	0.79	2.146
24	18	10.070	6.747	0.67	1.954	9.785	6.556	0.67	2.062	9.453	6.334	0.67	2.206
24	20	10.830	5.957	0.55	2.014	10.593	5.826	0.55	2.110	10.308	5.669	0.55	2.254
24	22	11.543	4.963	0.43	2.062	11.305	4.861	0.43	2.182	11.020	4.739	0.43	2.326
26	16	9.405	8.182	0.87	1.918	9.120	7.934	0.87	2.026	8.835	7.686	0.87	2.146
26	18	10.070	7.553	0.75	1.954	9.785	7.339	0.75	2.062	9.453	7.090	0.75	2.206
26	20	10.830	6.823	0.63	2.014	10.593	6.674	0.63	2.110	10.308	6.494	0.63	2.254
26	22	11.543	5.887	0.51	2.062	11.305	5.766	0.51	2.182	11.020	5.620	0.51	2.326
27	16	9.405	8.559	0.91	1.918	9.120	8.299	0.91	2.026	8.835	8.040	0.91	2.146
27	18	10.070	7.955	0.79	1.954	9.785	7.730	0.79	2.062	9.453	7.468	0.79	2.206
27	20	10.830	7.256	0.67	2.014	10.593	7.097	0.67	2.110	10.308	6.906	0.67	2.254
27	22	11.543	6.349	0.55	2.062	11.305	6.218	0.55	2.182	11.020	6.061	0.55	2.326
28	16	9.405	8.935	0.95	1.918	9.120	8.664	0.95	2.026	8.835	8.393	0.95	2.146
28	18	10.070	8.358	0.83	1.954	9.785	8.122	0.83	2.062	9.453	7.846	0.83	2.206
28	20	10.830	7.689	0.71	2.014	10.593	7.521	0.71	2.110	10.308	7.319	0.71	2.254
28	22	11.543	6.810	0.59	2.062	11.305	6.670	0.59	2.182	11.020	6.502	0.59	2.326
30	16	9.405	9.405	1.00	1.918	9.120	9.120	1.00	2.026	8.835	8.835	1.00	2.146
30	18	10.070	9.164	0.91	1.954	9.785	8.904	0.91	2.062	9.453	8.602	0.91	2.206
30	20	10.830	8.556	0.79	2.014	10.593	8.368	0.79	2.110	10.308	8.143	0.79	2.254
30	22	11.543	7.734	0.67	2.062	11.305	7.574	0.67	2.182	11.020	7.383	0.67	2.326
32	16	9.405	9.405	1.00	1.918	9.120	9.120	1.00	2.026	8.835	8.835	1.00	2.146
32	18	10.070	9.969	0.99	1.954	9.785	9.687	0.99	2.062	9.453	9.358	0.99	2.206
32	20	10.830	9.422	0.87	2.014	10.593	9.216	0.87	2.110	10.308	8.968	0.87	2.254
32	22	11.543	8.657	0.75	2.062	11.305	8.479	0.75	2.182	11.020	8.265	0.75	2.326
34	16	9.405	9.405	1.00	1.918	9.120	9.120	1.00	2.026	8.835	8.835	1.00	2.146
34	18	10.070	10.070	1.00	1.954	9.785	9.785	1.00	2.062	9.453	9.453	1.00	2.206
34	20	10.830	10.289	0.95	2.014	10.593	10.063	0.95	2.110	10.308	9.793	0.95	2.254
34	22	11.543	9.581	0.83	2.062	11.305	9.383	0.83	2.182	11.020	9.147	0.83	2.326

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.327	0.63	2.302	8.075	5.087	0.63	2.470	7.695	4.848	0.63	2.674
20	18	9.120	4.651	0.51	2.362	8.835	4.506	0.51	2.542	8.265	4.215	0.51	2.734
20	20	9.880	3.853	0.39	2.422	9.500	3.705	0.39	2.590	8.930	3.483	0.39	2.782
22	16	8.455	6.003	0.71	2.302	8.075	5.733	0.71	2.470	7.695	5.463	0.71	2.674
22	18	9.120	5.381	0.59	2.362	8.835	5.213	0.59	2.542	8.265	4.876	0.59	2.734
22	20	9.880	4.644	0.47	2.422	9.500	4.465	0.47	2.590	8.930	4.197	0.47	2.782
24	16	8.455	6.679	0.79	2.302	8.075	6.379	0.79	2.470	7.695	6.079	0.79	2.674
24	18	9.120	6.110	0.67	2.362	8.835	5.919	0.67	2.542	8.265	5.538	0.67	2.734
24	20	9.880	5.434	0.55	2.422	9.500	5.225	0.55	2.590	8.930	4.912	0.55	2.782
24	22	10.640	4.575	0.43	2.470	10.260	4.412	0.43	2.662	9.690	4.167	0.43	2.830
26	16	8.455	7.356	0.87	2.302	8.075	7.025	0.87	2.470	7.695	6.695	0.87	2.674
26	18	9.120	6.840	0.75	2.362	8.835	6.626	0.75	2.542	8.265	6.199	0.75	2.734
26	20	9.880	6.224	0.63	2.422	9.500	5.985	0.63	2.590	8.930	5.626	0.63	2.782
26	22	10.640	5.426	0.51	2.470	10.260	5.233	0.51	2.662	9.690	4.942	0.51	2.830
27	16	8.455	7.694	0.91	2.302	8.075	7.348	0.91	2.470	7.695	7.002	0.91	2.674
27	18	9.120	7.205	0.79	2.362	8.835	6.980	0.79	2.542	8.265	6.529	0.79	2.734
27	20	9.880	6.620	0.67	2.422	9.500	6.365	0.67	2.590	8.930	5.983	0.67	2.782
27	22	10.640	5.852	0.55	2.470	10.260	5.643	0.55	2.662	9.690	5.330	0.55	2.830
28	16	8.455	8.032	0.95	2.302	8.075	7.671	0.95	2.470	7.695	7.310	0.95	2.674
28	18	9.120	7.570	0.83	2.362	8.835	7.333	0.83	2.542	8.265	6.860	0.83	2.734
28	20	9.880	7.015	0.71	2.422	9.500	6.745	0.71	2.590	8.930	6.340	0.71	2.782
28	22	10.640	6.278	0.59	2.470	10.260	6.053	0.59	2.662	9.690	5.717	0.59	2.830
30	16	8.455	8.455	1.00	2.302	8.075	8.075	1.00	2.470	7.695	7.695	1.00	2.674
30	18	9.120	8.299	0.91	2.362	8.835	8.040	0.91	2.542	8.265	7.521	0.91	2.734
30	20	9.880	7.805	0.79	2.422	9.500	7.505	0.79	2.590	8.930	7.055	0.79	2.782
30	22	10.640	7.129	0.67	2.470	10.260	6.874	0.67	2.662	9.690	6.492	0.67	2.830
32	16	8.455	8.455	1.00	2.302	8.075	8.075	1.00	2.470	7.695	7.695	1.00	2.674
32	18	9.120	9.029	0.99	2.362	8.835	8.747	0.99	2.542	8.265	8.182	0.99	2.734
32	20	9.880	8.596	0.87	2.422	9.500	8.265	0.87	2.590	8.930	7.769	0.87	2.782
32	22	10.640	7.980	0.75	2.470	10.260	7.695	0.75	2.662	9.690	7.268	0.75	2.830
34	16	8.455	8.455	1.00	2.302	8.075	8.075	1.00	2.470	7.695	7.695	1.00	2.674
34	18	9.120	9.120	1.00	2.362	8.835	8.835	1.00	2.542	8.265	8.265	1.00	2.734
34	20	9.880	9.386	0.95	2.422	9.500	9.025	0.95	2.590	8.930	8.484	0.95	2.782
34	22	10.640	8.831	0.83	2.470	10.260	8.516	0.83	2.662	9.690	8.043	0.83	2.830

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M71KA2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.780	0.68	1.547	6.816	4.635	0.68	1.634	6.603	4.490	0.68	1.731
20	18	7.526	4.215	0.56	1.576	7.313	4.095	0.56	1.663	7.065	3.956	0.56	1.779
20	20	8.094	3.561	0.44	1.625	7.917	3.483	0.44	1.702	7.704	3.390	0.44	1.818
22	16	7.029	5.342	0.76	1.547	6.816	5.180	0.76	1.634	6.603	5.018	0.76	1.731
22	18	7.526	4.817	0.64	1.576	7.313	4.680	0.64	1.663	7.065	4.522	0.64	1.779
22	20	8.094	4.209	0.52	1.625	7.917	4.117	0.52	1.702	7.704	4.006	0.52	1.818
24	16	7.029	5.904	0.84	1.547	6.816	5.725	0.84	1.634	6.603	5.547	0.84	1.731
24	18	7.526	5.419	0.72	1.576	7.313	5.265	0.72	1.663	7.065	5.087	0.72	1.779
24	20	8.094	4.856	0.60	1.625	7.917	4.750	0.60	1.702	7.704	4.622	0.60	1.818
24	22	8.627	4.141	0.48	1.663	8.449	4.056	0.48	1.760	8.236	3.953	0.48	1.876
26	16	7.029	6.467	0.92	1.547	6.816	6.271	0.92	1.634	6.603	6.075	0.92	1.731
26	18	7.526	6.021	0.80	1.576	7.313	5.850	0.80	1.663	7.065	5.652	0.80	1.779
26	20	8.094	5.504	0.68	1.625	7.917	5.384	0.68	1.702	7.704	5.239	0.68	1.818
26	22	8.627	4.831	0.56	1.663	8.449	4.731	0.56	1.760	8.236	4.612	0.56	1.876
27	16	7.029	6.748	0.96	1.547	6.816	6.543	0.96	1.634	6.603	6.339	0.96	1.731
27	18	7.526	6.322	0.84	1.576	7.313	6.143	0.84	1.663	7.065	5.935	0.84	1.779
27	20	8.094	5.828	0.72	1.625	7.917	5.700	0.72	1.702	7.704	5.547	0.72	1.818
27	22	8.627	5.176	0.60	1.663	8.449	5.069	0.60	1.760	8.236	4.942	0.60	1.876
28	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
28	18	7.526	6.623	0.88	1.576	7.313	6.435	0.88	1.663	7.065	6.217	0.88	1.779
28	20	8.094	6.151	0.76	1.625	7.917	6.017	0.76	1.702	7.704	5.855	0.76	1.818
28	22	8.627	5.521	0.64	1.663	8.449	5.407	0.64	1.760	8.236	5.271	0.64	1.876
30	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
30	18	7.526	7.225	0.96	1.576	7.313	7.020	0.96	1.663	7.065	6.782	0.96	1.779
30	20	8.094	6.799	0.84	1.625	7.917	6.650	0.84	1.702	7.704	6.471	0.84	1.818
30	22	8.627	6.211	0.72	1.663	8.449	6.083	0.72	1.760	8.236	5.930	0.72	1.876
32	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
32	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
32	20	8.094	7.446	0.92	1.625	7.917	7.284	0.92	1.702	7.704	7.088	0.92	1.818
32	22	8.627	6.902	0.80	1.663	8.449	6.759	0.80	1.760	8.236	6.589	0.80	1.876
34	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
34	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
34	20	8.094	8.094	1.00	1.625	7.917	7.917	1.00	1.702	7.704	7.704	1.00	1.818
34	22	8.627	7.592	0.88	1.663	8.449	7.435	0.88	1.760	8.236	7.248	0.88	1.876

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.297	0.68	1.857	6.035	4.104	0.68	1.992	5.751	3.911	0.68	2.156
20	18	6.816	3.817	0.56	1.905	6.603	3.698	0.56	2.050	6.177	3.459	0.56	2.205
20	20	7.384	3.249	0.44	1.953	7.100	3.124	0.44	2.089	6.674	2.937	0.44	2.243
22	16	6.319	4.802	0.76	1.857	6.035	4.587	0.76	1.992	5.751	4.371	0.76	2.156
22	18	6.816	4.362	0.64	1.905	6.603	4.226	0.64	2.050	6.177	3.953	0.64	2.205
22	20	7.384	3.840	0.52	1.953	7.100	3.692	0.52	2.089	6.674	3.470	0.52	2.243
24	16	6.319	5.308	0.84	1.857	6.035	5.069	0.84	1.992	5.751	4.831	0.84	2.156
24	18	6.816	4.908	0.72	1.905	6.603	4.754	0.72	2.050	6.177	4.447	0.72	2.205
24	20	7.384	4.430	0.60	1.953	7.100	4.260	0.60	2.089	6.674	4.004	0.60	2.243
24	22	7.952	3.817	0.48	1.992	7.668	3.681	0.48	2.147	7.242	3.476	0.48	2.282
26	16	6.319	5.813	0.92	1.857	6.035	5.552	0.92	1.992	5.751	5.291	0.92	2.156
26	18	6.816	5.453	0.80	1.905	6.603	5.282	0.80	2.050	6.177	4.942	0.80	2.205
26	20	7.384	5.021	0.68	1.953	7.100	4.828	0.68	2.089	6.674	4.538	0.68	2.243
26	22	7.952	4.453	0.56	1.992	7.668	4.294	0.56	2.147	7.242	4.056	0.56	2.282
27	16	6.319	6.066	0.96	1.857	6.035	5.794	0.96	1.992	5.751	5.521	0.96	2.156
27	18	6.816	5.725	0.84	1.905	6.603	5.547	0.84	2.050	6.177	5.189	0.84	2.205
27	20	7.384	5.316	0.72	1.953	7.100	5.112	0.72	2.089	6.674	4.805	0.72	2.243
27	22	7.952	4.771	0.60	1.992	7.668	4.601	0.60	2.147	7.242	4.345	0.60	2.282
28	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
28	18	6.816	5.998	0.88	1.905	6.603	5.811	0.88	2.050	6.177	5.436	0.88	2.205
28	20	7.384	5.612	0.76	1.953	7.100	5.396	0.76	2.089	6.674	5.072	0.76	2.243
28	22	7.952	5.089	0.64	1.992	7.668	4.908	0.64	2.147	7.242	4.635	0.64	2.282
30	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
30	18	6.816	6.543	0.96	1.905	6.603	6.339	0.96	2.050	6.177	5.930	0.96	2.205
30	20	7.384	6.203	0.84	1.953	7.100	5.964	0.84	2.089	6.674	5.606	0.84	2.243
30	22	7.952	5.725	0.72	1.992	7.668	5.521	0.72	2.147	7.242	5.214	0.72	2.282
32	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
32	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
32	20	7.384	6.793	0.92	1.953	7.100	6.532	0.92	2.089	6.674	6.140	0.92	2.243
32	22	7.952	6.362	0.80	1.992	7.668	6.134	0.80	2.147	7.242	5.794	0.80	2.282
34	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
34	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
34	20	7.384	7.384	1.00	1.953	7.100	7.100	1.00	2.089	6.674	6.674	1.00	2.243
34	22	7.952	6.998	0.88	1.992	7.668	6.748	0.88	2.147	7.242	6.373	0.88	2.282

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M71KAL2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.780	0.68	1.547	6.816	4.635	0.68	1.634	6.603	4.490	0.68	1.731
20	18	7.526	4.215	0.56	1.576	7.313	4.095	0.56	1.663	7.065	3.956	0.56	1.779
20	20	8.094	3.561	0.44	1.625	7.917	3.483	0.44	1.702	7.704	3.390	0.44	1.818
22	16	7.029	5.342	0.76	1.547	6.816	5.180	0.76	1.634	6.603	5.018	0.76	1.731
22	18	7.526	4.817	0.64	1.576	7.313	4.680	0.64	1.663	7.065	4.522	0.64	1.779
22	20	8.094	4.209	0.52	1.625	7.917	4.117	0.52	1.702	7.704	4.006	0.52	1.818
24	16	7.029	5.904	0.84	1.547	6.816	5.725	0.84	1.634	6.603	5.547	0.84	1.731
24	18	7.526	5.419	0.72	1.576	7.313	5.265	0.72	1.663	7.065	5.087	0.72	1.779
24	20	8.094	4.856	0.60	1.625	7.917	4.750	0.60	1.702	7.704	4.622	0.60	1.818
24	22	8.627	4.141	0.48	1.663	8.449	4.056	0.48	1.760	8.236	3.953	0.48	1.876
26	16	7.029	6.467	0.92	1.547	6.816	6.271	0.92	1.634	6.603	6.075	0.92	1.731
26	18	7.526	6.021	0.80	1.576	7.313	5.850	0.80	1.663	7.065	5.652	0.80	1.779
26	20	8.094	5.504	0.68	1.625	7.917	5.384	0.68	1.702	7.704	5.239	0.68	1.818
26	22	8.627	4.831	0.56	1.663	8.449	4.731	0.56	1.760	8.236	4.612	0.56	1.876
27	16	7.029	6.748	0.96	1.547	6.816	6.543	0.96	1.634	6.603	6.339	0.96	1.731
27	18	7.526	6.322	0.84	1.576	7.313	6.143	0.84	1.663	7.065	5.935	0.84	1.779
27	20	8.094	5.828	0.72	1.625	7.917	5.700	0.72	1.702	7.704	5.547	0.72	1.818
27	22	8.627	5.176	0.60	1.663	8.449	5.069	0.60	1.760	8.236	4.942	0.60	1.876
28	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
28	18	7.526	6.623	0.88	1.576	7.313	6.435	0.88	1.663	7.065	6.217	0.88	1.779
28	20	8.094	6.151	0.76	1.625	7.917	6.017	0.76	1.702	7.704	5.855	0.76	1.818
28	22	8.627	5.521	0.64	1.663	8.449	5.407	0.64	1.760	8.236	5.271	0.64	1.876
30	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
30	18	7.526	7.225	0.96	1.576	7.313	7.020	0.96	1.663	7.065	6.782	0.96	1.779
30	20	8.094	6.799	0.84	1.625	7.917	6.650	0.84	1.702	7.704	6.471	0.84	1.818
30	22	8.627	6.211	0.72	1.663	8.449	6.083	0.72	1.760	8.236	5.930	0.72	1.876
32	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
32	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
32	20	8.094	7.446	0.92	1.625	7.917	7.284	0.92	1.702	7.704	7.088	0.92	1.818
32	22	8.627	6.902	0.80	1.663	8.449	6.759	0.80	1.760	8.236	6.589	0.80	1.876
34	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
34	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
34	20	8.094	8.094	1.00	1.625	7.917	7.917	1.00	1.702	7.704	7.704	1.00	1.818
34	22	8.627	7.592	0.88	1.663	8.449	7.435	0.88	1.760	8.236	7.248	0.88	1.876

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.297	0.68	1.857	6.035	4.104	0.68	1.992	5.751	3.911	0.68	2.156
20	18	6.816	3.817	0.56	1.905	6.603	3.698	0.56	2.050	6.177	3.459	0.56	2.205
20	20	7.384	3.249	0.44	1.953	7.100	3.124	0.44	2.089	6.674	2.937	0.44	2.243
22	16	6.319	4.802	0.76	1.857	6.035	4.587	0.76	1.992	5.751	4.371	0.76	2.156
22	18	6.816	4.362	0.64	1.905	6.603	4.226	0.64	2.050	6.177	3.953	0.64	2.205
22	20	7.384	3.840	0.52	1.953	7.100	3.692	0.52	2.089	6.674	3.470	0.52	2.243
24	16	6.319	5.308	0.84	1.857	6.035	5.069	0.84	1.992	5.751	4.831	0.84	2.156
24	18	6.816	4.908	0.72	1.905	6.603	4.754	0.72	2.050	6.177	4.447	0.72	2.205
24	20	7.384	4.430	0.60	1.953	7.100	4.260	0.60	2.089	6.674	4.004	0.60	2.243
24	22	7.952	3.817	0.48	1.992	7.668	3.681	0.48	2.147	7.242	3.476	0.48	2.282
26	16	6.319	5.813	0.92	1.857	6.035	5.552	0.92	1.992	5.751	5.291	0.92	2.156
26	18	6.816	5.453	0.80	1.905	6.603	5.282	0.80	2.050	6.177	4.942	0.80	2.205
26	20	7.384	5.021	0.68	1.953	7.100	4.828	0.68	2.089	6.674	4.538	0.68	2.243
26	22	7.952	4.453	0.56	1.992	7.668	4.294	0.56	2.147	7.242	4.056	0.56	2.282
27	16	6.319	6.066	0.96	1.857	6.035	5.794	0.96	1.992	5.751	5.521	0.96	2.156
27	18	6.816	5.725	0.84	1.905	6.603	5.547	0.84	2.050	6.177	5.189	0.84	2.205
27	20	7.384	5.316	0.72	1.953	7.100	5.112	0.72	2.089	6.674	4.805	0.72	2.243
27	22	7.952	4.771	0.60	1.992	7.668	4.601	0.60	2.147	7.242	4.345	0.60	2.282
28	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
28	18	6.816	5.998	0.88	1.905	6.603	5.811	0.88	2.050	6.177	5.436	0.88	2.205
28	20	7.384	5.612	0.76	1.953	7.100	5.396	0.76	2.089	6.674	5.072	0.76	2.243
28	22	7.952	5.089	0.64	1.992	7.668	4.908	0.64	2.147	7.242	4.635	0.64	2.282
30	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
30	18	6.816	6.543	0.96	1.905	6.603	6.339	0.96	2.050	6.177	5.930	0.96	2.205
30	20	7.384	6.203	0.84	1.953	7.100	5.964	0.84	2.089	6.674	5.606	0.84	2.243
30	22	7.952	5.725	0.72	1.992	7.668	5.521	0.72	2.147	7.242	5.214	0.72	2.282
32	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
32	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
32	20	7.384	6.793	0.92	1.953	7.100	6.532	0.92	2.089	6.674	6.140	0.92	2.243
32	22	7.952	6.362	0.80	1.992	7.668	6.134	0.80	2.147	7.242	5.794	0.80	2.282
34	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
34	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
34	20	7.384	7.384	1.00	1.953	7.100	7.100	1.00	2.089	6.674	6.674	1.00	2.243
34	22	7.952	6.998	0.88	1.992	7.668	6.748	0.88	2.147	7.242	6.373	0.88	2.282

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PKA-M100KA2 PKA-M100KAL2 / PUHZ-P100VKA PUHZ-P100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	5.863	0.63	2.498	9.024	5.685	0.63	2.638	8.742	5.507	0.63	2.794
20	18	9.964	5.082	0.51	2.544	9.682	4.938	0.51	2.685	9.353	4.770	0.51	2.872
20	20	10.716	4.179	0.39	2.622	10.481	4.088	0.39	2.747	10.199	3.978	0.39	2.935
22	16	9.306	6.607	0.71	2.498	9.024	6.407	0.71	2.638	8.742	6.207	0.71	2.794
22	18	9.964	5.879	0.59	2.544	9.682	5.712	0.59	2.685	9.353	5.518	0.59	2.872
22	20	10.716	5.037	0.47	2.622	10.481	4.926	0.47	2.747	10.199	4.794	0.47	2.935
24	16	9.306	7.352	0.79	2.498	9.024	7.129	0.79	2.638	8.742	6.906	0.79	2.794
24	18	9.964	6.676	0.67	2.544	9.682	6.487	0.67	2.685	9.353	6.267	0.67	2.872
24	20	10.716	5.894	0.55	2.622	10.481	5.765	0.55	2.747	10.199	5.609	0.55	2.935
24	22	11.421	4.911	0.43	2.685	11.186	4.810	0.43	2.841	10.904	4.689	0.43	3.028
26	16	9.306	8.096	0.87	2.498	9.024	7.851	0.87	2.638	8.742	7.606	0.87	2.794
26	18	9.964	7.473	0.75	2.544	9.682	7.262	0.75	2.685	9.353	7.015	0.75	2.872
26	20	10.716	6.751	0.63	2.622	10.481	6.603	0.63	2.747	10.199	6.425	0.63	2.935
26	22	11.421	5.825	0.51	2.685	11.186	5.705	0.51	2.841	10.904	5.561	0.51	3.028
27	16	9.306	8.468	0.91	2.498	9.024	8.212	0.91	2.638	8.742	7.955	0.91	2.794
27	18	9.964	7.872	0.79	2.544	9.682	7.649	0.79	2.685	9.353	7.389	0.79	2.872
27	20	10.716	7.180	0.67	2.622	10.481	7.022	0.67	2.747	10.199	6.833	0.67	2.935
27	22	11.421	6.282	0.55	2.685	11.186	6.152	0.55	2.841	10.904	5.997	0.55	3.028
28	16	9.306	8.841	0.95	2.498	9.024	8.573	0.95	2.638	8.742	8.305	0.95	2.794
28	18	9.964	8.270	0.83	2.544	9.682	8.036	0.83	2.685	9.353	7.763	0.83	2.872
28	20	10.716	7.608	0.71	2.622	10.481	7.442	0.71	2.747	10.199	7.241	0.71	2.935
28	22	11.421	6.738	0.59	2.685	11.186	6.600	0.59	2.841	10.904	6.433	0.59	3.028
30	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
30	18	9.964	9.067	0.91	2.544	9.682	8.811	0.91	2.685	9.353	8.511	0.91	2.872
30	20	10.716	8.466	0.79	2.622	10.481	8.280	0.79	2.747	10.199	8.057	0.79	2.935
30	22	11.421	7.652	0.67	2.685	11.186	7.495	0.67	2.841	10.904	7.306	0.67	3.028
32	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
32	18	9.964	9.864	0.99	2.544	9.682	9.585	0.99	2.685	9.353	9.259	0.99	2.872
32	20	10.716	9.323	0.87	2.622	10.481	9.118	0.87	2.747	10.199	8.873	0.87	2.935
32	22	11.421	8.566	0.75	2.685	11.186	8.390	0.75	2.841	10.904	8.178	0.75	3.028
34	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
34	18	9.964	9.964	1.00	2.544	9.682	9.682	1.00	2.685	9.353	9.353	1.00	2.872
34	20	10.716	10.180	0.95	2.622	10.481	9.957	0.95	2.747	10.199	9.689	0.95	2.935
34	22	11.421	9.479	0.83	2.685	11.186	9.284	0.83	2.841	10.904	9.050	0.83	3.028

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.271	0.63	2.997	7.990	5.034	0.63	3.216	7.614	4.797	0.63	3.481
20	18	9.024	4.602	0.51	3.075	8.742	4.458	0.51	3.309	8.178	4.171	0.51	3.559
20	20	9.776	3.813	0.39	3.153	9.400	3.666	0.39	3.372	8.836	3.446	0.39	3.622
22	16	8.366	5.940	0.71	2.997	7.990	5.673	0.71	3.216	7.614	5.406	0.71	3.481
22	18	9.024	5.324	0.59	3.075	8.742	5.158	0.59	3.309	8.178	4.825	0.59	3.559
22	20	9.776	4.595	0.47	3.153	9.400	4.418	0.47	3.372	8.836	4.153	0.47	3.622
24	16	8.366	6.609	0.79	2.997	7.990	6.312	0.79	3.216	7.614	6.015	0.79	3.481
24	18	9.024	6.046	0.67	3.075	8.742	5.857	0.67	3.309	8.178	5.479	0.67	3.559
24	20	9.776	5.377	0.55	3.153	9.400	5.170	0.55	3.372	8.836	4.860	0.55	3.622
24	22	10.528	4.527	0.43	3.216	10.152	4.365	0.43	3.465	9.588	4.123	0.43	3.684
26	16	8.366	7.278	0.87	2.997	7.990	6.951	0.87	3.216	7.614	6.624	0.87	3.481
26	18	9.024	6.768	0.75	3.075	8.742	6.557	0.75	3.309	8.178	6.134	0.75	3.559
26	20	9.776	6.159	0.63	3.153	9.400	5.922	0.63	3.372	8.836	5.567	0.63	3.622
26	22	10.528	5.369	0.51	3.216	10.152	5.178	0.51	3.465	9.588	4.890	0.51	3.684
27	16	8.366	7.613	0.91	2.997	7.990	7.271	0.91	3.216	7.614	6.929	0.91	3.481
27	18	9.024	7.129	0.79	3.075	8.742	6.906	0.79	3.309	8.178	6.461	0.79	3.559
27	20	9.776	6.550	0.67	3.153	9.400	6.298	0.67	3.372	8.836	5.920	0.67	3.622
27	22	10.528	5.790	0.55	3.216	10.152	5.584	0.55	3.465	9.588	5.273	0.55	3.684
28	16	8.366	7.948	0.95	2.997	7.990	7.591	0.95	3.216	7.614	7.233	0.95	3.481
28	18	9.024	7.490	0.83	3.075	8.742	7.256	0.83	3.309	8.178	6.788	0.83	3.559
28	20	9.776	6.941	0.71	3.153	9.400	6.674	0.71	3.372	8.836	6.274	0.71	3.622
28	22	10.528	6.212	0.59	3.216	10.152	5.990	0.59	3.465	9.588	5.657	0.59	3.684
30	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
30	18	9.024	8.212	0.91	3.075	8.742	7.955	0.91	3.309	8.178	7.442	0.91	3.559
30	20	9.776	7.723	0.79	3.153	9.400	7.426	0.79	3.372	8.836	6.980	0.79	3.622
30	22	10.528	7.054	0.67	3.216	10.152	6.802	0.67	3.465	9.588	6.424	0.67	3.684
32	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
32	18	9.024	8.934	0.99	3.075	8.742	8.655	0.99	3.309	8.178	8.096	0.99	3.559
32	20	9.776	8.505	0.87	3.153	9.400	8.178	0.87	3.372	8.836	7.687	0.87	3.622
32	22	10.528	7.896	0.75	3.216	10.152	7.614	0.75	3.465	9.588	7.191	0.75	3.684
34	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
34	18	9.024	9.024	1.00	3.075	8.742	8.742	1.00	3.309	8.178	8.178	1.00	3.559
34	20	9.776	9.287	0.95	3.153	9.400	8.930	0.95	3.372	8.836	8.394	0.95	3.622
34	22	10.528	8.738	0.83	3.216	10.152	8.426	0.83	3.465	9.588	7.958	0.83	3.684

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY**PKA-M100KA2 PKA-M100KAL2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M100KA2	15	11.648	5.34	11.648	4.90	11.648	4.00	11.648	2.92	12.768	3.17	14.112	3.37
PKA-M100KAL2	20	11.200	5.52	11.200	5.09	11.200	4.22	11.200	3.13	12.320	3.35	13.608	3.61
	25	10.752	5.71	10.752	5.28	10.752	4.41	10.752	3.35	11.872	3.60	13.160	3.91

PKA-M-LA2 PKA-M-LAL2 / PUHZ-ZRP-VKA2**PKA-M-KA2 PKA-M-KAL2 / PUHZ-ZRP-VHA2 PUHZ-ZRP-VKA3 PUHZ-ZRP-YKA3**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M35LA2	15	2.604	0.631	2.829	0.696	3.157	0.803	4.141	0.963	4.674	1.070	5.207	1.156
PKA-M35LAL2	20	2.501	0.685	2.706	0.749	2.993	0.867	3.998	1.038	4.510	1.156	5.023	1.241
	25	2.419	0.728	2.624	0.813	2.870	0.942	3.772	1.102	4.346	1.236	4.838	1.332
PKA-M50LA2	15	3.175	0.886	3.450	0.976	3.850	1.126	5.050	1.351	5.700	1.501	6.350	1.621
PKA-M50LAL2	20	3.050	0.961	3.300	1.051	3.650	1.216	4.875	1.456	5.500	1.621	6.125	1.741
	25	2.950	1.021	3.200	1.141	3.500	1.321	4.600	1.546	5.300	1.734	5.900	1.869
PKA-M60KA2	15	4.445	1.156	4.830	1.274	5.390	1.470	7.070	1.764	7.980	1.960	8.890	2.117
PKA-M60KAL2	20	4.270	1.254	4.620	1.372	5.110	1.588	6.825	1.901	7.700	2.117	8.575	2.274
	25	4.130	1.333	4.480	1.490	4.900	1.725	6.440	2.019	7.420	2.264	8.260	2.440
PKA-M71KA2	15	5.080	1.293	5.520	1.424	6.160	1.643	8.080	1.972	9.120	2.191	10.160	2.366
PKA-M71KAL2	20	4.880	1.402	5.280	1.534	5.840	1.775	7.800	2.125	8.800	2.366	9.800	2.542
	25	4.720	1.490	5.120	1.665	5.600	1.928	7.360	2.257	8.480	2.531	9.440	2.728
PKA-M100KA2	15	7.112	1.795	7.728	1.978	8.624	2.282	11.312	2.739	12.768	3.043	14.224	3.286
PKA-M100KAL2	20	6.832	1.948	7.392	2.130	8.176	2.465	10.920	2.952	12.320	3.286	13.720	3.530
	25	6.608	2.069	7.168	2.313	7.840	2.678	10.304	3.134	11.872	3.515	13.216	3.789

PKA-M100KA2 PKA-M100KAL2 / PUHZ-P100VKA PUHZ-P100YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M100KA2	15	7.112	2.059	7.728	2.268	8.624	2.617	11.312	3.140	12.768	3.489	14.224	3.768
PKA-M100KAL2	20	6.832	2.233	7.392	2.442	8.176	2.826	10.920	3.384	12.320	3.768	13.720	4.047
	25	6.608	2.373	7.168	2.652	7.840	3.070	10.304	3.594	11.872	4.030	13.216	4.344

PKA-M71KA2 PKA-M71KAL2 / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M71KA2	15	5.080	1.348	5.520	1.485	6.160	1.714	8.080	2.057	9.120	2.285	10.160	2.468
	20	4.880	1.462	5.280	1.600	5.840	1.851	7.800	2.216	8.800	2.468	9.800	2.651
	25	4.720	1.554	5.120	1.737	5.600	2.011	7.360	2.354	8.480	2.639	9.440	2.845
PKA-M71KAL2	15	5.080	1.348	5.520	1.485	6.160	1.714	8.080	2.057	9.120	2.285	10.160	2.468
	20	4.880	1.462	5.280	1.600	5.840	1.851	7.800	2.216	8.800	2.468	9.800	2.651
	25	4.720	1.554	5.120	1.737	5.600	2.011	7.360	2.354	8.480	2.639	9.440	2.845

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.2.6 NOISE CRITERIA CURVES

A.2.6.1 SOUND LEVELS

Low-Middle-(Middle2)-High

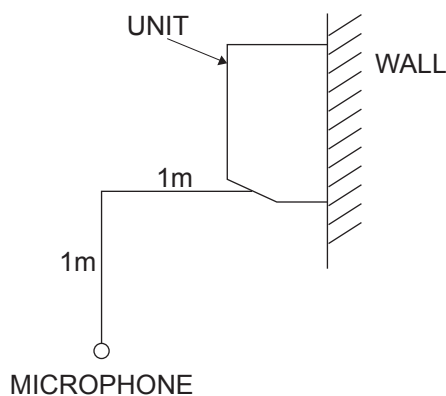
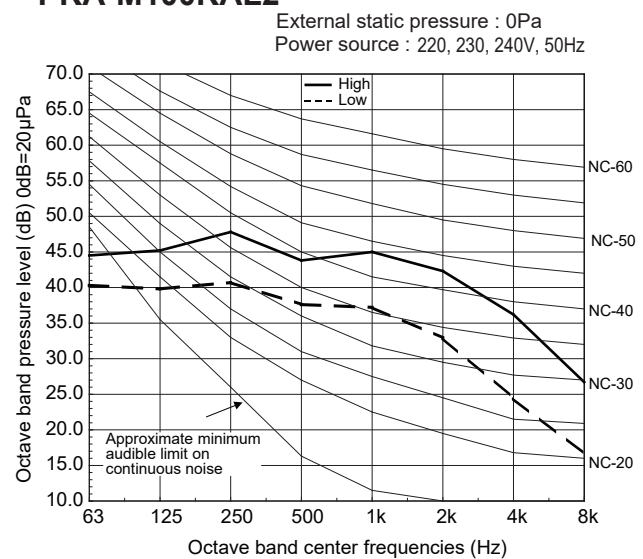
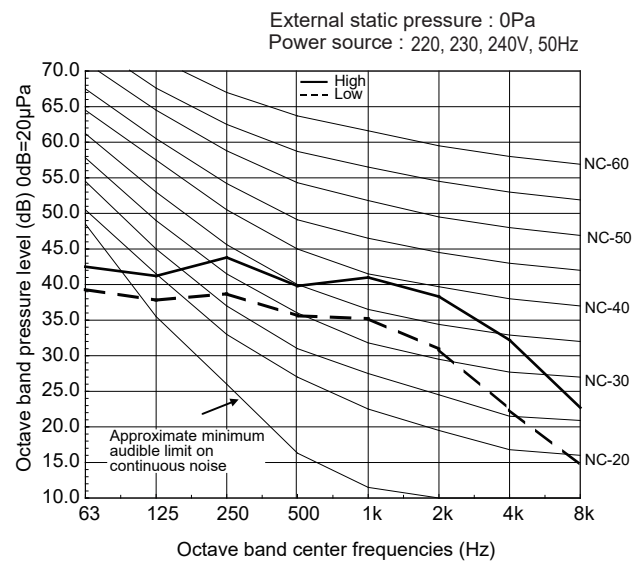
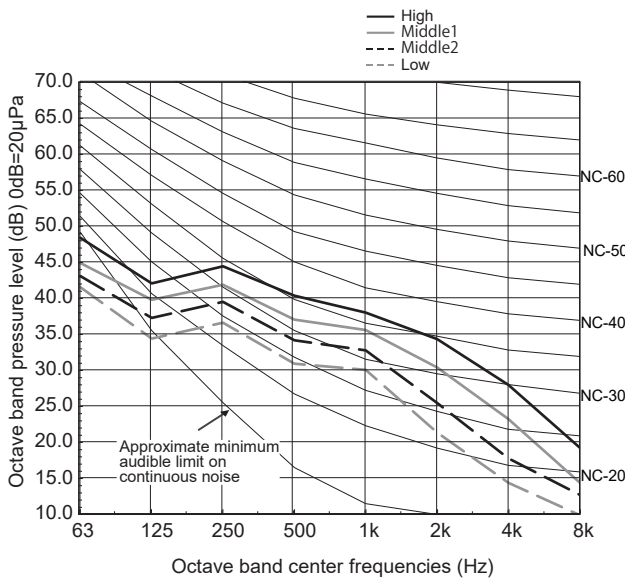
Model	Sound level dB (A)
PKA-M35LA(L)2 PKA-M50LA(L)2	34 - 37 - 40 - 43
PKA-M60KA(L)2 PKA-M71KA(L)2	39 - 42 - 45
PKA-M100KA(L)2	41 - 45 - 49

A.2.6.2 NOISE CRITERIA CURVES

PKA-M35LA2 PKA-M50LA2
PKA-M35LAL2 PKA-M50LAL2

PKA-M60KA2 PKA-M71KA2
PKA-M60KAL2 PKA-M71KAL2

PKA-M100KA2
PKA-M100KAL2



A.2.7 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

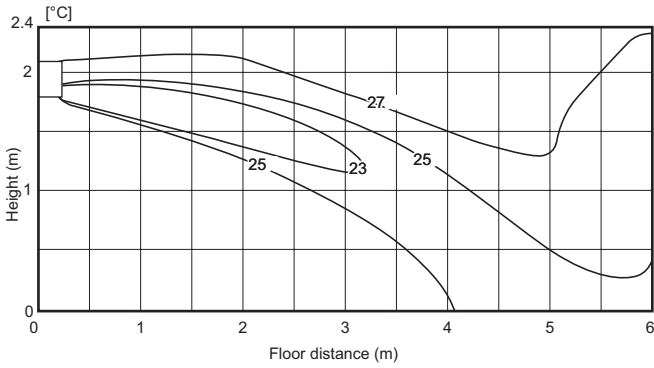
PKA-M-LA2 PKA-M-LAL2 PKA-M-KA2 PKA-M-KAL2

Temperature distribution

PKA-M50LA2 PKA-M50LAL2

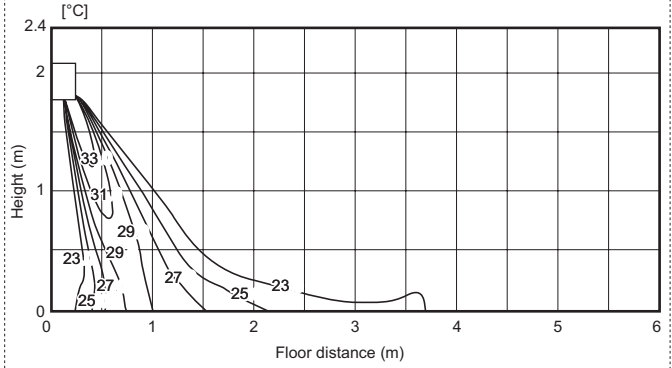
<Cooling mode>

Horizontal air flow



<Heating mode>

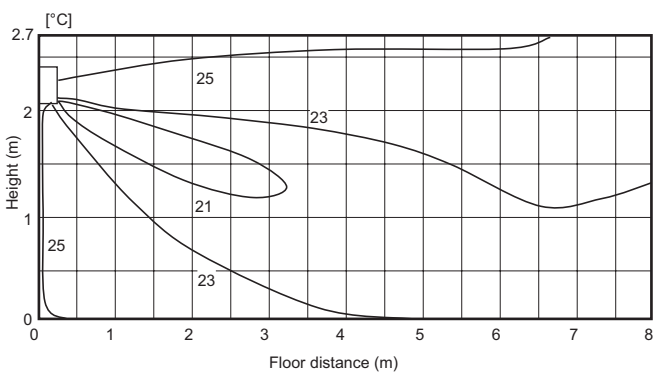
Downward air flow



PKA-M100KA2 PKA-M100KAL2

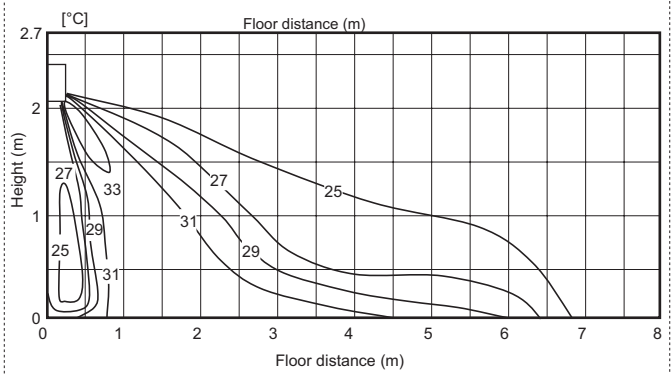
<Cooling mode>

Horizontal air flow



<Heating mode>

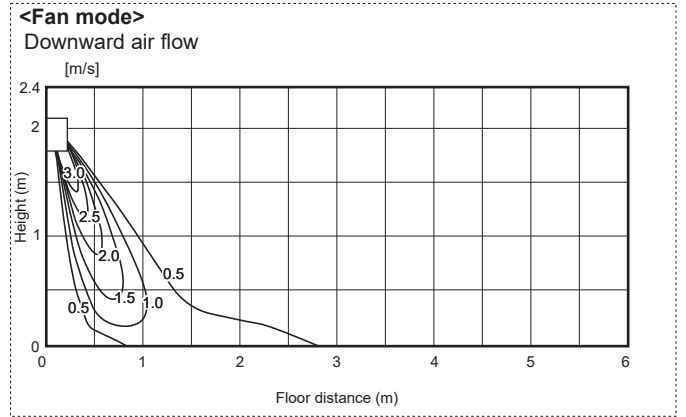
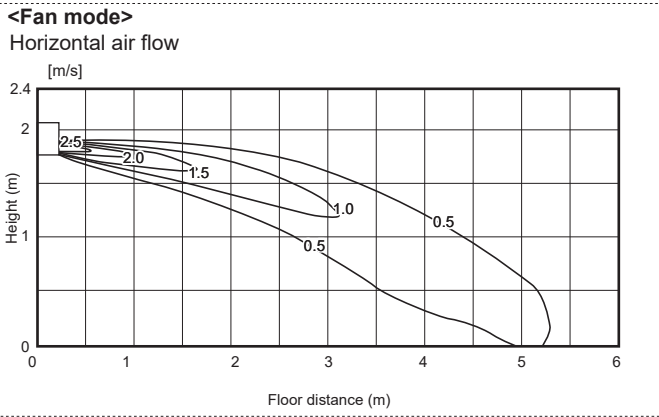
Downward air flow



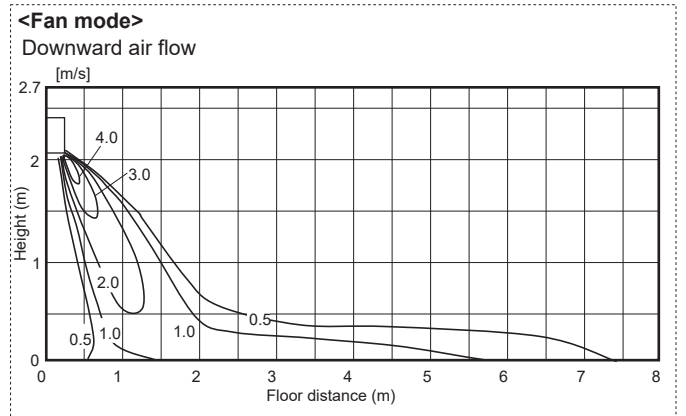
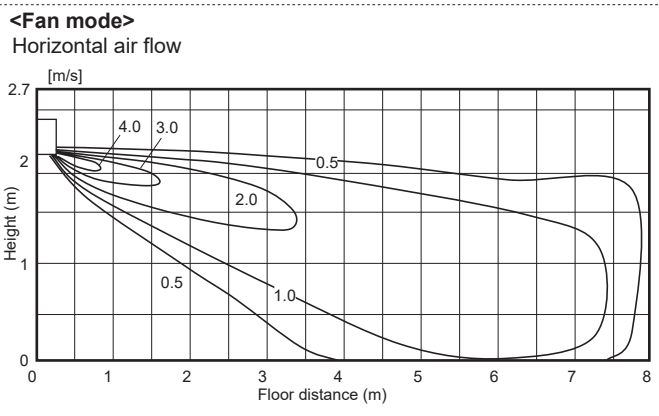
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

Airflow distribution

PKA-M50LA2 PKA-M50LAL2



PKA-M100KA2 PKA-M100KAL2



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

A.2.8 OUTLET AIR SPEED AND COVERAGE RANGE

		PKA-M35LA(L)2	PKA-M50LA2
Air flow	m ³ /min	10.9	10.9
Air speed	m/sec	4.9	4.9
Coverage range	m (ft)	9.2(30.0)	9.2(30.0)

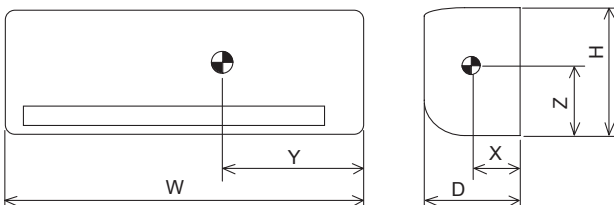
		PKA-M60KA(L)2	PKA-M71KA(L)2	PKA-M100KA(L)2
Air flow	m ³ /min	22	22	26
Air speed	m/sec	6.0	6.0	6.8
Coverage range	m (ft)	14.3 (46.9)	14.3 (46.9)	16.1 (52.8)

The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.

The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.2.9 CENTER OF GRAVITY POSITION

Unit: mm



Model	W	D	H	X	Y	Z
PKA-M35LA(L)2	898	237	299	120	390	150
PKA-M50LA(L)2	898	237	299	120	390	150
PKA-M60KA(L)2	1170	295	365	190	460	190
PKA-M71KA(L)2	1170	295	365	190	460	190
PKA-M100KA(L)2	1170	295	365	190	460	190

A.3 CEILING SUSPENDED (PCA)

A.3.1	SPECIFICATIONS	A-174
	A.3.1.1 R32 type.....	A-174
	A.3.1.2 R410A type	A-180
A.3.2	OUTLINES AND DIMENSIONS	A-187
A.3.3	WIRING DIAGRAM.....	A-190
A.3.4	REFRIGERANT SYSTEM DIAGRAM	A-191
A.3.5	PERFORMANCE DATA.....	A-192
	A.3.5.1 R32 type.....	A-192
	A.3.5.2 R410A type	A-211
A.3.6	FRESH AIR INTAKE.....	A-231
A.3.7	NOISE CRITERIA CURVES	A-232
A.3.8	TEMPERATURE AND AIR FLOW DISTRIBUTIONS	A-234
A.3.9	OUTLET AIR SPEED AND COVERAGE RANGE.....	A-236
A.3.10	CENTER OF GRAVITY POSITION	A-236

A.3.1 SPECIFICATIONS

A.3.1.1 R32 type

1.Power Inverter SERIES

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2		
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2		
Refrigerant				R32					
Power Supply			Source	Outdoor power supply					
Out	V			230	230	230	230		
	Phase			Single	Single	Single	Single		
	Hz			50	50	50	50		
	In	V			—	—	—	—	
		Phase			—	—	—	—	
		Hz			—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1		
		Min.	kW	1.6	2.3	2.7	3.3		
		Max.	kW	4.5	5.6	6.7	8.1		
	SHF	Rated		0.88	0.79	0.81	0.76		
	Total Input	Rated	kW	0.829	1.250	1.521	1.829		
	EER			4.34	4.00	4.01	3.88		
	Annual Electricity Consumption		kWh/a	197	260	328	371		
	SEER			6.4	6.7	6.5	6.7		
			Energy efficiency class		A++	A++	A++	A++	
Heating	Capacity	Rated	kW	4.1	5.5	7.0	8.0		
		Min.	kW	1.6	2.5	2.8	3.5		
		Max.	kW	5.2	6.6	8.2	10.2		
	Total Input	Rated	kW	1.019	1.361	1.745	2.156		
	COP			4.02	4.04	4.01	3.71		
	Annual Electricity Consumption		kWh/a	838	1266	1501	1567		
	SCOP			4.0	4.2	4.1	4.2		
			Energy efficiency class		A+	A+	A+	A+	
	Operating Current(max)			A	13.3	13.4	19.4	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	
		Operating Current(max)		A	0.29	0.37	0.39	0.42	
	Dimensions	H × W × D		mm	230-960-680		230-1280-680		
	Weight			kg	25	26	32	32	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	
	External Static Pressure			Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	
	Sound Level (PWL)	Cooling			60	60	60	62	
	Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
Weight				kg	46	46	67	67	
Air Volume		Cooling	Rated	m ³ /min.	45	45	55	55	
		Heating	Rated	m ³ /min.	45	45	55	55	
Sound Level (SPL)		Cooling	Rated	dB(A)	44	44	47	47	
			Silent	dB(A)	41	41	44	44	
		Heating	Rated	dB(A)	46	46	49	49	
Sound Level (PWL)		Cooling		dB(A)	65	65	67	67	
Operating Current(max)				A	13	13	19	19	
Breaker Size				A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52		
		Gas	mm	12.7	12.7	15.88	15.88		
	Max. Length	Out-In		m	50	50	55	55	
	Max. Height	Out-In		m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-11	-11	-20	-20	
			Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-SUSPENDED SPECIFICATIONS

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.375	2.375	3.846	3.846	
	EER			4.00	4.00	3.25	3.25	
	Annual Electricity Consumption		kWh/a	516	527	702	712	
	SEER			6.4	6.3	6.2	6.1	
	Energy efficiency class			A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	3.018	3.018	3.954	3.954	
COP			3.71	3.71	3.54	3.54		
Annual Electricity Consumption		kWh/a	2536	2537	3003	3004		
SCOP			4.3	4.3	4.3	4.3		
Energy efficiency class			A+	A+	A+	A+		
Operating Current(max)			A	20.7	8.7	27.3	9.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
		Operating Current(max)		A	0.65	0.65	0.76	0.76
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	
	Sound Level (PWL)	Cooling		63	63	65	65	
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120
		Heating	Rated	m ³ /min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
		Heating	Rated	dB(A)	46	46	47	47
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
		Heating		dB(A)	51	51	52	52
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	100	100	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2		
Refrigerant		R32						
Power Supply			Source	Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		—		—		
		Phase		—		—		
		Hz		—		—		
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.0		15.0		
	SHF	Rated		0.72		0.72		
	Total Input	Rated	kW	3.941		3.941		
	EER			3.40		3.40		
	Annual Electricity Consumption		kWh/a	755		765		
	SEER			6.2		6.1		
			Energy efficiency class	A++		A++		
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.432		4.432		
COP			3.61		3.61			
Annual Electricity Consumption		kWh/a	3345		3346			
SCOP			4.4		4.4			
		Energy efficiency class	A+		A+			
Operating Current(max)			A	30.9		12.7		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
	Operating Current(max)			A	0.90		0.90	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	40		40	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	24-26-29-32		24-26-29-32		
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-43-45-48		41-43-45-48		
	Sound Level (PWL)	Cooling		68		68		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	105		118	
	Air Volume	Cooling	Rated	m ³ /min.	120		120	
		Heating	Rated	m ³ /min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling		dB(A)	70		70	
	Operating Current(max)			A	30		11.8	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	100		100		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-20		-20	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	0.8	1.5	1.6	2.2	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.88	0.79	0.81	0.76	
	Total Input	Rated	kW	0.900	1.515	1.648	1.972	
	EER			4.00	3.30	3.70	3.60	
	Annual Electricity Consumption		kWh/a	198	291	333	381	
	SEER			6.3	6.0	6.4	6.5	
	Energy efficiency class			A++	A+	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.0	1.5	1.6	2.0	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	1.025	1.617	1.750	2.216	
COP			4.00	3.71	4.00	3.61		
Annual Electricity Consumption		kWh/a	910	1458	1558	1974		
SCOP			4.0	4.1	4.1	4.1		
Energy efficiency class			A+	A+	A+	A+		
Operating Current(max)			A	8.8	13.9	15.2	15.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06
		Operating Current(max)		A	0.29	0.37	0.39	0.42
	Dimensions		H × W × D	mm	230-960-680		230-1280-680	
	Weight			kg	25	26	32	32
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	
	Sound Level (PWL)	Cooling		60	60	60	62	
Outdoor Unit	Dimensions		H × W × D	mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m ³ /min.	34.3	45.8	50.1	50.1
		Heating	Rated	m ³ /min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	10	20	20	20
	Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52
Gas			mm	9.52	12.7	15.88	15.88	
Max. Length		Out-In	m	20	30	30	30	
Max. Height		Out-In	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-10	-10	-10	-10	
		Upper Limit.	°C	+24	+24	+24	+24	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
		Outdoor Unit		PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	V		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	
		Min.	kW	4.0	4.0	5.7	5.7	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.941	2.941	4.019	4.019	
	EER			3.23	3.23	3.01	3.01	
	Annual Electricity Consumption		kWh/a	553	553	802	802	
	SEER			6.0	6.0	5.2	5.2	
	Energy efficiency class			A+	A+	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.1	4.1	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	3.284	3.284	3.958	3.958	
COP			3.41	3.41	3.41	3.41		
Annual Electricity Consumption		kWh/a	2729	2729	2873	2873		
SCOP			4.1	4.1	4.1	4.1		
Energy efficiency class			A+	A+	A+	A+		
Operating Current(max)			A	20.7	12.2	27.3	12.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	
		Operating Current(max)		A	0.65	0.65	0.76	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	
	Sound Level (PWL)	Cooling		63	63	65	65	
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	
	Weight			kg	76	78	84	
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	
		Heating	Rated	m ³ /min.	79	79	92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	
			Silent	dB(A)	46	46	47	
		Heating	Rated	dB(A)	54	54	56	
	Sound Level (PWL)	Cooling		70	70	72	72	
	Operating Current(max)			A	20	11.5	26.5	
	Breaker Size			A	32	16	32	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52		
		Gas	mm	15.88	15.88	15.88		
	Max. Length	Out-In	m	55	55	65		
	Max. Height	Out-In	m	30	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
	Heating	Lower Limit.	°C	-15	-15	-15		
		Upper Limit.	°C	+21	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
Refrigerant		Outdoor Unit		PUZ-M140VKA2		PUZ-M140YKA2		
Power Supply				Source	Outdoor power supply			
Cooling	Capacity	Rated	kW	13.4	13.4			
		Min.	kW	5.7	5.7			
		Max.	kW	14.1	14.1			
	SHF	Rated		0.72	0.72			
	Total Input	Rated	kW	5.360	5.360			
	EER				2.50	2.50		
Annual Electricity Consumption			kWh/a	907	907			
SEER				5.1	5.1			
		Energy efficiency class		A	A			
Heating	Capacity	Rated	kW	15.0	15.0			
		Min.	kW	4.2	4.2			
		Max.	kW	15.8	15.8			
	Total Input	Rated	kW	4.285	4.285			
	COP				3.50	3.50		
	Annual Electricity Consumption			kWh/a	3255	3255		
	SCOP				4.0	4.0		
			Energy efficiency class		A+	A+		
Operating Current(max)			A	30.9	12.4			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
	Operating Current(max)			A	0.90		0.90	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight				40	40		
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.		24-26-29-32	24-26-29-32		
	External Static Pressure				Pa	0		0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)		41-43-45-48	41-43-45-48		
	Sound Level (PWL)	Cooling			68	68		
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)		981-1050-330(+40)	
	Weight				kg	84	85	
	Air Volume	Cooling	Rated	m ³ /min.	86	86		
		Heating	Rated	m ³ /min.	92	92		
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55		
		Heating	Rated	dB(A)	57	57		
	Sound Level (PWL)	Cooling			dB(A)	73	73	
	Operating Current(max)				A	30	11.5	
	Breaker Size				A	40	16	
	Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
Gas			mm	15.88	15.88			
Max. Length		Out-In	m	65	65			
Max. Height		Out-In	m	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
	Heating	Lower Limit.	°C	-15	-15			
		Upper Limit.	°C	+21	+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.3.1.2 R410A type 1.Power Inverter SERIES

CEILING-SUSPENDED SPECIFICATIONS

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2				
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2				
Refrigerant				R410A							
Power Supply		Out		Source	Outdoor power supply						
				V	230	230	230	230			
				Phase	Single	Single	Single	Single			
		In		Hz	50	50	50	50			
				V	—	—	—	—			
				Phase	—	—	—	—			
Cooling		Capacity		Rated	kW	3.6	5.0	6.1	7.1		
				Min.	kW	1.6	2.3	2.7	3.3		
				Max.	kW	4.5	5.6	6.7	8.1		
		SHF	Rated		0.88	0.79	0.81	0.76			
		Total Input	Rated	kW	0.857	1.351	1.694	1.821			
		EER			4.19	3.73	3.67	3.90			
		Annual Electricity Consumption		kWh/a	202	282	340	367			
		SEER			6.2	6.1	6.2	6.7			
				Energy efficiency class		A++	A++	A++	A++		
		Heating		Capacity		Rated	kW	4.1	5.5	7.0	8.0
Min.	kW					1.6	2.5	2.8	3.5		
Max.	kW					5.2	6.6	8.2	10.2		
Total Input	Rated			kW	1.019	1.450	1.930	2.197			
COP					4.02	3.79	3.63	3.64			
Annual Electricity Consumption				kWh/a	817	1259	1461	1522			
SCOP					4.1	4.2	4.2	4.3			
		Energy efficiency class		A+	A+	A+	A+				
Operating Current(max)				A	13.3	13.4	19.4	19.4			
Indoor Unit		Input		Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	
		Operating Current(max)				A	0.29	0.37	0.39	0.42	
		Dimensions		H × W × D		mm	230-960-680		230-1280-680		
		Weight				kg	25	26	32	32	
		Air Volume		Lo-Mi2-Mi1-Hi		m³/min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	
		External Static Pressure				Pa	0	0	0	0	
		Sound Level (SPL)		Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	
		Sound Level (PWL)		Cooling			60	60	60	62	
Outdoor Unit		Dimensions		H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)	
		Weight				kg	43	46	70	70	
		Air Volume		Cooling		Rated	m³/min.	45	45	55	55
				Heating		Rated	m³/min.	45	45	55	55
		Sound Level (SPL)		Cooling		Rated	dB(A)	44	44	47	47
						Silent	dB(A)	41	41	44	44
				Heating		Rated	dB(A)	46	46	48	48
		Sound Level (PWL)		Cooling			dB(A)	65	65	67	67
		Operating Current(max)				A	13	13	19	19	
		Breaker Size				A	16	16	25	25	
Ext. Piping		Diameter (*2)		Liquid	mm	6.35	6.35	9.52	9.52		
				Gas	mm	12.7	12.7	15.88	15.88		
		Max.Length		Out-In	m	50	50	50	50		
		Max. Height		Out-In	m	30	30	30	30		
Guranteed Operation Range		Out		Cooling (*1)		Lower Limit.	°C	-15	-15	-15	-15
						Upper Limit.	°C	+46	+46	+46	+46
		Heating		Lower Limit.		°C	-11	-11	-20	-20	
				Upper Limit.		°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
Refrigerant		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	
Power Supply				R410A				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.417	2.435	3.980	3.980	
	EER				3.93	3.90	3.14	3.14
Annual Electricity Consumption		kWh/a		542	553	817	828	
SEER				6.1	6.0	5.3	5.2	
		Energy efficiency class		A++	A+	A	A	
Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0	
		Min.	kW	4.5	4.5	5.0	5.0	
		Max.	kW	14.0	14.0	16.0	16.0	
	Total Input	Rated	kW	3.043	3.043	3.804	3.804	
	COP			3.68	3.68	3.68	3.68	
	Annual Electricity Consumption		kWh/a		2784	2785	3100	3101
	SCOP				3.9	3.9	4.2	4.1
			Energy efficiency class		A	A	A+	A+
Operating Current(max)			A	27.2	8.7	27.3	10.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.65	0.65	0.76	0.76
	Dimensions H × W × D			mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45
	Sound Level (PWL)	Cooling			63	63	65	65
Outdoor Unit	Dimensions H × W × D			mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	116	123	116	125
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120
		Heating	Rated	m ³ /min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
		Heating	Rated	dB(A)	46	46	47	47
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
		Heating		dB(A)	51	51	52	52
	Operating Current(max)			A	26.5	8	26.5	9.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	75	75	75	75	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
		Outdoor Unit		PUHZ-ZRP140VKA3		PUHZ-ZRP140YKA3		
Refrigerant		R410A						
Power Supply			Source	Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
		Hz		-		-		
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.0		15.0		
	SHF	Rated		0.72		0.72		
	Total Input	Rated	kW	3.952		3.952		
	EER			3.39		3.39		
	Annual Electricity Consumption		kWh/a	856		867		
	SEER			5.4		5.4		
			Energy efficiency class	A		A		
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.571		4.571		
COP			3.50		3.50			
Annual Electricity Consumption		kWh/a	3368		3369			
SCOP			4.4		4.4			
		Energy efficiency class	A+		A+			
Operating Current(max)			A	28.9		13.9		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
		Operating Current(max)		A	0.90		0.90	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	40		40	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	24-26-29-32		24-26-29-32		
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-43-45-48		41-43-45-48		
	Sound Level (PWL)	Cooling		68		68		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	118		131	
	Air Volume	Cooling	Rated	m ³ /min.	120		120	
		Heating	Rated	m ³ /min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling		dB(A)	70		70	
	Operating Current(max)			A	28		13	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	75		75		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-20		-20	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Standard Inverter SERIES

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2		
		Outdoor Unit		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6		
Refrigerant				R410A					
Power Supply			Source	Outdoor power supply					
Out	V	Rated		230	230	230	230		
		Phase		Single	Single	Single	Single		
		Hz		50	50	50	50		
	In	V		—	—	—	—		
		Phase		—	—	—	—		
		Hz		—	—	—	—		
Cooling	Capacity	Rated	kW	3.6	5.0	5.7	7.1		
		Min.	kW	1.4	2.3	2.3	2.8		
		Max.	kW	3.9	5.6	6.3	8.1		
	SHF	Rated		0.88	0.79	0.81	0.76		
	Total Input	Rated	kW	1.050	1.547	1.722	2.057		
	EER			3.43	3.23	3.31	3.45		
	Annual Electricity Consumption		kWh/a	209	299	325	408		
	SEER			6.0	5.8	6.1	6.0		
			Energy efficiency class	A+	A+	A++	A+		
	Heating	Capacity	Rated	kW	4.1	5.5	6.9	7.9	
Min.			kW	1.7	1.7	2.5	2.6		
Max.			kW	5.0	6.6	8.0	10.2		
Total Input		Rated	kW	1.051	1.519	1.911	2.182		
COP			3.90	3.62	3.61	3.62			
Annual Electricity Consumption		kWh/a	886	1388	1680	2029			
SCOP			4.1	4.0	4.0	4.0			
		Energy efficiency class	A+	A+	A+	A+			
Operating Current(max)			A	8.5	12.4	14.4	16.5		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	
			Operating Current(max)	A	0.29	0.37	0.39	0.42	
	Dimensions	H × W × D		mm	230-960-680		230-1280-680		
	Weight			kg	25	26	32	32	
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	
	External Static Pressure			Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	
	Sound Level (PWL)	Cooling			60	60	60	62	
	Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	880-840-330	880-840-330	880-840-330
Weight				kg	35	54	50	53	
Air Volume		Cooling	Rated	m³/min.	36.3	44.6	40.9	50.1	
			Heating	Rated	m³/min.	34.8	44.6	49.2	48.2
Sound Level (SPL)		Cooling	Rated	dB(A)	49	52	55	55	
			Silent	dB(A)	—	—	—	—	
		Heating	Rated	dB(A)	50	52	55	55	
Sound Level (PWL)		Cooling		dB(A)	62	65	65	69	
Operating Current(max)				A	8.2	12	14	16.1	
Breaker Size				A	10	20	20	20	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52		
		Gas	mm	9.52	12.7	15.88	15.88		
	Max.Length	Out-In		m	20	30	30	30	
	Max. Height	Out-In		m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-10	-10	-10	-10	
			Upper Limit.	°C	+24	+24	+24	+24	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	V		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1	
		Min.	kW	3.7	3.7	5.6	5.6	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	3.051	3.051	4.245	4.245	
	EER			3.08	3.08	2.85	2.85	
	Annual Electricity Consumption		kWh/a	584	584	812	812	
	SEER			5.6	5.6	5.2	5.2	
	Energy efficiency class			A+	A+	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.8	4.8	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	3.373	3.373	4.066	4.066	
COP			3.32	3.32	3.32	3.32		
Annual Electricity Consumption		kWh/a	2729	2729	2924	2924		
SCOP			4.1	4.1	4.0	4.0		
Energy efficiency class			A+	A+	A+	A+		
Operating Current(max)			A	20.7	12.2	27.3	12.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
		Operating Current(max)		A	0.65	0.65	0.76	0.76
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	
	Sound Level (PWL)	Cooling		63	63	65	65	
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	49	49	52	52
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name	Indoor Unit			PCA-M140KA2		PCA-M140KA2			
	Outdoor Unit			PUHZ-P140VKA		PUHZ-P140YKA			
Refrigerant	R410A								
Power Supply	Source			Outdoor power supply					
	Out	V		230		400			
		Phase		Single		Three			
		Hz		50		50			
	In	V		—		—			
		Phase		—		—			
		Hz		—		—			
Cooling	Capacity	Rated	kW	13.6		13.6			
		Min.	kW	5.8		5.8			
		Max.	kW	14.1		14.1			
	SHF	Rated		0.72		0.72			
	Total Input	Rated	kW	5.643		5.643			
	EER				2.41		2.41		
	Annual Electricity Consumption			kWh/a	929		929		
	SEER				5.1		5.1		
		Energy efficiency class					A		
		Energy efficiency class					A		
Heating	Capacity	Rated	kW	15.0		15.0			
		Min.	kW	4.9		4.9			
		Max.	kW	15.8		15.8			
	Total Input	Rated	kW	4.477		4.477			
	COP				3.35		3.35		
	Annual Electricity Consumption			kWh/a	3288		3288		
	SCOP				4.0		4.0		
		Energy efficiency class					A+		
	Energy efficiency class					A+			
Operating Current(max)				A	30.9		12.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14		
		Operating Current(max)		A	0.90		0.90		
	Dimensions	H × W × D		mm	230-1600-680				
	Weight				kg	40		40	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32		
	External Static Pressure				Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	41-43-45-48		41-43-45-48		
	Sound Level (PWL)	Cooling			dB(A)	68		68	
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330		981-1050-330		
	Weight				kg	84		85	
	Air Volume	Cooling	Rated	m ³ /min.	86		86		
		Heating	Rated	m ³ /min.	92		92		
	Sound Level (SPL)	Cooling	Rated	dB(A)	56		56		
		Heating	Rated	dB(A)	54		54		
	Sound Level (PWL)	Cooling	Rated	dB(A)	57		57		
		Heating	Rated	dB(A)	75		75		
	Operating Current(max)				A	30		11.5	
	Breaker Size				A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52			
		Gas	mm	15.88		15.88			
	Max. Length	Out-In	m	50		50			
	Max. Height	Out-In	m	30		30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15		
			Upper Limit.	°C	+46		+46		
	Heating	Lower Limit.	°C	-15		-15			
		Upper Limit.	°C	+21		+21			

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Mr.Slim+

Model Name	Indoor Unit			PCA-M71KA2	
	Outdoor Unit			PUHZ-FRP71VHA2	
Refrigerant R410A					
Power Supply	Source			Outdoor power supply	
	Out	V		230	
		Phase		Single	
		Hz		50	
	In	V		—	
		Phase		—	
Hz		—			
Cooling	Capacity	Rated	kW	7.1	
		Min.	kW	3.3	
		Max.	kW	8.1	
	SHF	Rated		0.76	
	Total Input	Rated	kW	1.934	
	EER				3.67
	Annual Electricity Consumption			kWh/a	384
	SEER				6.4
	Energy efficiency class			A++	
Heating	Capacity	Rated	kW	8.0	
		Min.	kW	3.5	
		Max.	kW	10.2	
	Total Input	Rated	kW	2.285	
	COP				3.50
	Annual Electricity Consumption			kWh/a	1556
	SCOP				4.2
	Energy efficiency class			A+	
Operating Current(max)			A	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06
			Operating Current(max)		A
	Dimensions		H × W × D	mm	230-1280-680
	Weight			kg	32
	Air Volume	Lo-Mid-Hi		m ³ /min.	16-17-18-20
	External Static Pressure			Pa	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	35-37-39-41
	Sound Level (PWL)	Cooling		dB(A)	62
Outdoor Unit	Dimensions		H × W × D	mm	943-950-330
	Weight			kg	73
	Air Volume	Cooling	Rated	m ³ /min.	50
		Heating	Rated	m ³ /min.	50
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	—
		Heating	Rated	dB(A)	49
	Sound Level (PWL)	Cooling		dB(A)	67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max.Length	Out-In	m	60	
	Max. Height	Out-In	m	20	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15
			Upper Limit.	°C	46
		Heating	Lower Limit.	°C	-20
			Upper Limit.	°C	21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

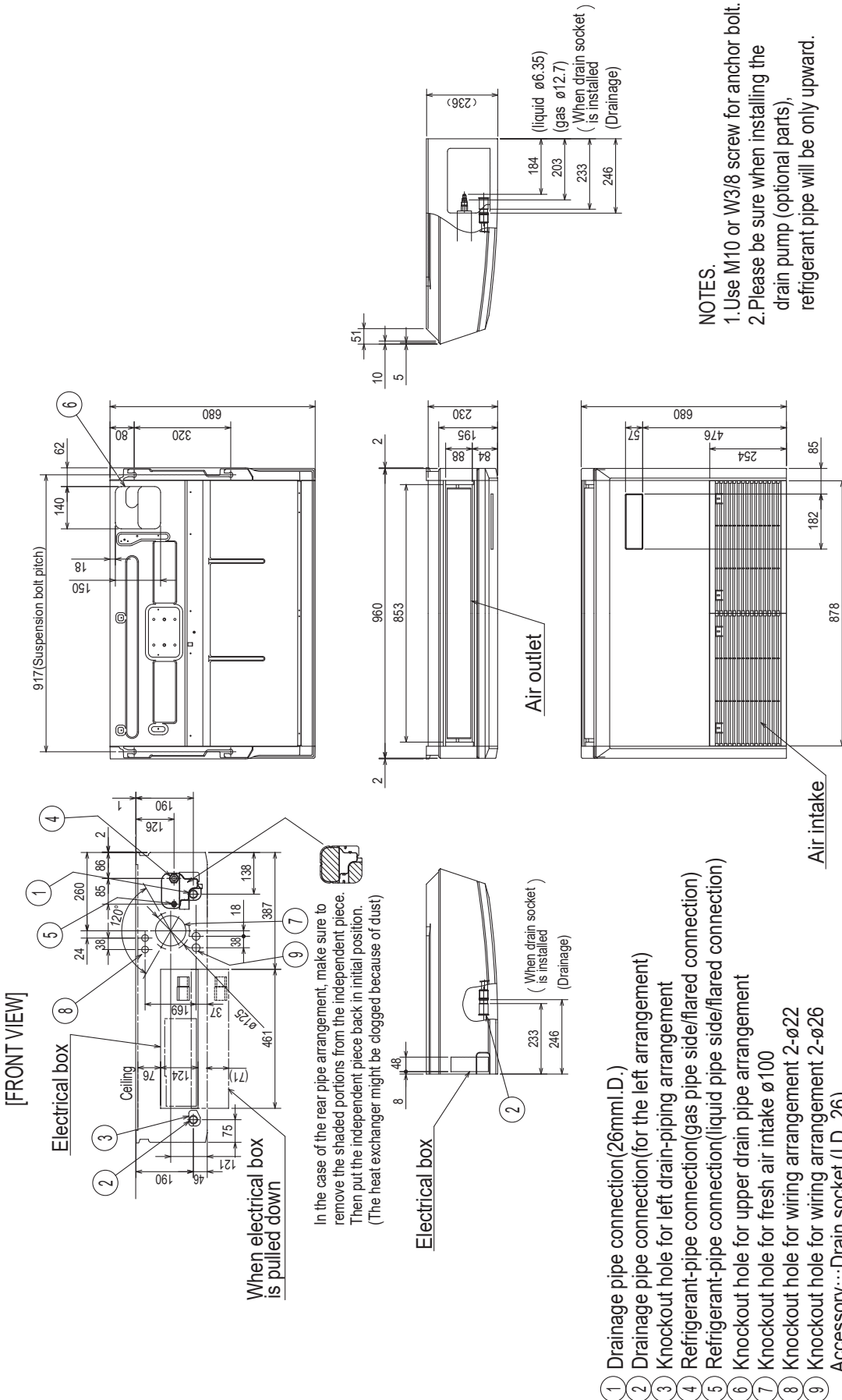
CEILING-SUSPENDED SPECIFICATIONS

A.3.2 OUTLINES AND DIMENSIONS

PCA-M35KA2

PCA-M50KA2

Unit : mm



NOTES.

1. Use M10 or W3/8 screw for anchor bolt.
2. Please be sure when installing the drain pump (optional parts), refrigerant pipe will be only upward.

CEILING-SUSPENDED

OUTLINES AND DIMENSIONS

A.3.3 WIRING DIAGRAM

PCA-M35KA2 PCA-M100KA2
 PCA-M50KA2 PCA-M125KA2
 PCA-M60KA2 PCA-M140KA2
 PCA-M71KA2

CEILING-SUSPENDED WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	OPTION PART	
CNL62	CONNECTOR (REACTOR)	W.B	PCB OF SIGNAL RECEIVER
FUSE	FUSE (T6.3A/250V)	BZ	BUZZER
LED1	POWER SUPPLY (I.B)	LED1	LED (OPERATION INDICATION : GREEN)
LED2	POWER SUPPLY (R.B)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	RU	RECEIVING UNIT
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.	SW1	EMERGENCY OPERATION (HEAT / DOWN)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.	SW2	EMERGENCY OPERATION (COOL / UP)
SW5	SWITCH (FUNCTION SETTING) Refer to <Table 3>.	DP	DRAIN PUMP
SWE	SWITCH (EMERGENCY OPERATION)	FS	DRAIN FLOAT SWITCH
X2	RELAY (DRAIN PUMP)		
R.B	WIRED REMOTE CONTROLLER		
DCL	REACTOR		
MF	FAN MOTOR		
MV	VANE MOTOR		
TB2	TERMINAL BLOCK (Indoor unit Power (Option parts))		

The black square (■) indicates a switch position.

<Table 1>

SW1 (MODEL SELECTION)

Service	1	2	3	4	5	ON	OFF
Service	■	■	■	■	■	ON	OFF

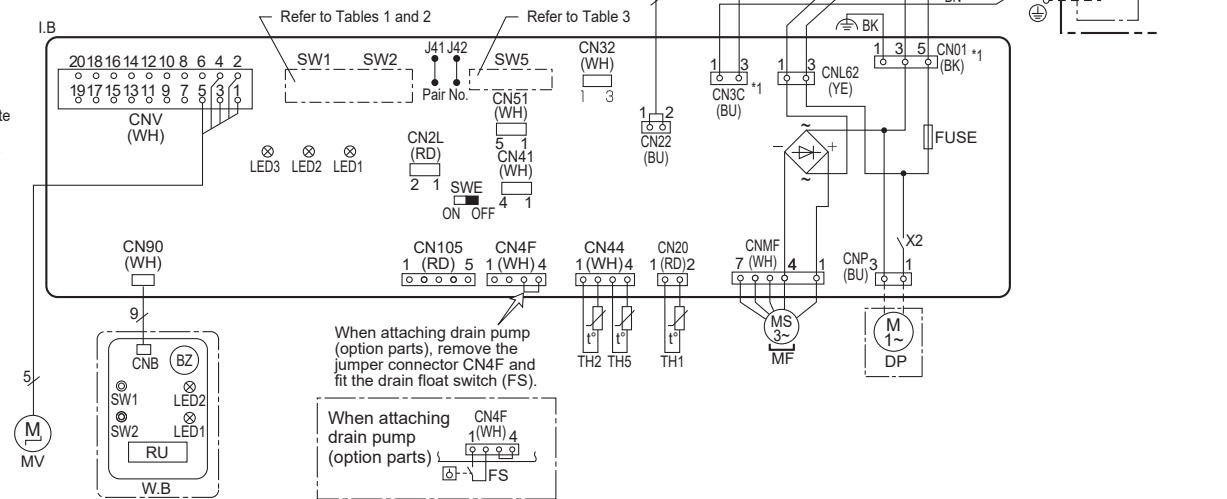
<Table 2> SW2 (CAPACITY CODE)

CAPACITY	Service	CAPACITY	Service	CAPACITY	Service
35	1 2 3 4 5 ON OFF	71	1 2 3 4 5 ON OFF	140	1 2 3 4 5 ON OFF
50	1 2 3 4 5 ON OFF	100	1 2 3 4 5 ON OFF		
60	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF		

<Table 3> SW5 (FUNCTION SETTING)

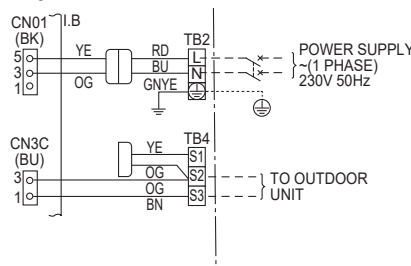
Service	1	2	3	4	5	6	7	8	ON	OFF
Service	■	■	■	■	■	■	■	■	ON	OFF

Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.



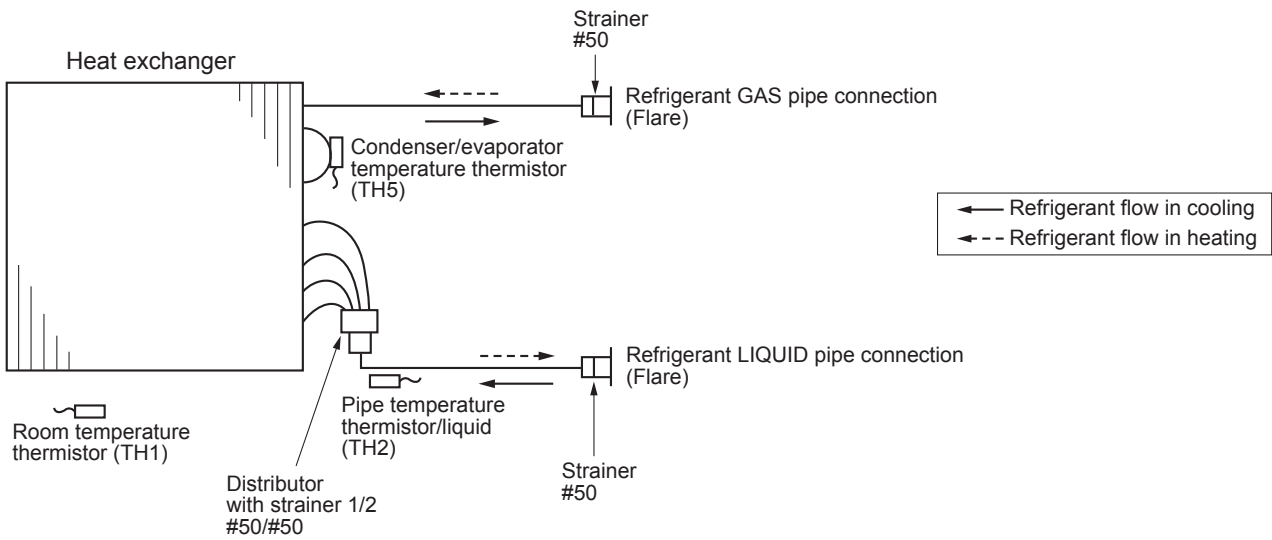
- Notes:
1. Symbols used in this wiring diagram are, ○ ○ ○: connector, □ □ □: Terminal (block).
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
 4. This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.
- *1: When work to Supply power separately to indoor and outdoor units was applied, refer to Fig. 1.
 For power supply system of this unit, refer to the caution label located near this diagram.

<Fig. 1>



A.3.4 REFRIGERANT SYSTEM DIAGRAM

- PCA-M35KA2 PCA-M100KA2
- PCA-M50KA2 PCA-M125KA2
- PCA-M60KA2 PCA-M140KA2
- PCA-M71KA2



CEILING-SUSPENDED

REFRIGERANT SYSTEM DIAGRAM

A.3.5 PERFORMANCE DATA

A.3.5.1 R32 type

COOLING CAPACITY PCA-M35KA2 / PUZ-ZM35VKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.722	2.722	1.00	0.608	2.659	2.659	1.00	0.664	2.595	2.595	1.00	0.720
14	8	2.780	2.780	1.00	0.608	2.706	2.706	1.00	0.665	2.632	2.632	1.00	0.722
14	9	2.895	2.750	0.95	0.607	2.818	2.677	0.95	0.666	2.740	2.603	0.95	0.726
16	8	2.836	2.836	1.00	0.607	2.771	2.771	1.00	0.666	2.705	2.705	1.00	0.724
16	9	2.916	2.916	1.00	0.606	2.839	2.839	1.00	0.666	2.761	2.761	1.00	0.727
16	11	3.051	2.837	0.93	0.605	2.969	2.761	0.93	0.668	2.887	2.685	0.93	0.731
18	10	2.954	2.954	1.00	0.606	2.885	2.885	1.00	0.667	2.816	2.816	1.00	0.729
18	11	3.062	3.062	1.00	0.605	2.980	2.980	1.00	0.668	2.898	2.898	1.00	0.731
18	12	3.215	2.926	0.91	0.603	3.128	2.846	0.91	0.669	3.041	2.767	0.91	0.735
20	16	3.564	2.780	0.78	0.663	3.456	2.696	0.78	0.701	3.348	2.611	0.78	0.742
20	18	3.816	2.519	0.66	0.676	3.708	2.447	0.66	0.713	3.582	2.364	0.66	0.763
20	20	4.104	2.216	0.54	0.696	4.014	2.168	0.54	0.730	3.906	2.109	0.54	0.779
22	16	3.564	3.065	0.86	0.663	3.456	2.972	0.86	0.701	3.348	2.879	0.86	0.742
22	18	3.816	2.824	0.74	0.676	3.708	2.744	0.74	0.713	3.582	2.651	0.74	0.763
22	20	4.104	2.544	0.62	0.696	4.014	2.489	0.62	0.730	3.906	2.422	0.62	0.779
24	16	3.564	3.350	0.94	0.663	3.456	3.249	0.94	0.701	3.348	3.147	0.94	0.742
24	18	3.816	3.129	0.82	0.676	3.708	3.041	0.82	0.713	3.582	2.937	0.82	0.763
24	20	4.104	2.873	0.70	0.696	4.014	2.810	0.70	0.730	3.906	2.734	0.70	0.779
24	22	4.374	2.537	0.58	0.713	4.284	2.485	0.58	0.754	4.176	2.422	0.58	0.804
26	16	3.564	3.564	1.00	0.663	3.456	3.456	1.00	0.701	3.348	3.348	1.00	0.742
26	18	3.816	3.434	0.90	0.676	3.708	3.337	0.90	0.713	3.582	3.224	0.90	0.763
26	20	4.104	3.201	0.78	0.696	4.014	3.131	0.78	0.730	3.906	3.047	0.78	0.779
26	22	4.374	2.887	0.66	0.713	4.284	2.827	0.66	0.754	4.176	2.756	0.66	0.804
27	16	3.564	3.564	1.00	0.663	3.456	3.456	1.00	0.701	3.348	3.348	1.00	0.742
27	18	3.816	3.587	0.94	0.676	3.708	3.486	0.94	0.713	3.582	3.367	0.94	0.763
27	20	4.104	3.365	0.82	0.696	4.014	3.291	0.82	0.730	3.906	3.203	0.82	0.779
27	22	4.374	3.062	0.70	0.713	4.284	2.999	0.70	0.754	4.176	2.923	0.70	0.804
28	16	3.564	3.564	1.00	0.663	3.456	3.456	1.00	0.701	3.348	3.348	1.00	0.742
28	18	3.816	3.740	0.98	0.676	3.708	3.634	0.98	0.713	3.582	3.510	0.98	0.763
28	20	4.104	3.529	0.86	0.696	4.014	3.452	0.86	0.730	3.906	3.359	0.86	0.779
28	22	4.374	3.237	0.74	0.713	4.284	3.170	0.74	0.754	4.176	3.090	0.74	0.804
30	16	3.564	3.564	1.00	0.663	3.456	3.456	1.00	0.701	3.348	3.348	1.00	0.742
30	18	3.816	3.816	1.00	0.676	3.708	3.708	1.00	0.713	3.582	3.582	1.00	0.763
30	20	4.104	3.858	0.94	0.696	4.014	3.773	0.94	0.730	3.906	3.672	0.94	0.779
30	22	4.374	3.587	0.82	0.713	4.284	3.513	0.82	0.754	4.176	3.424	0.82	0.804
32	16	3.564	3.564	1.00	0.663	3.456	3.456	1.00	0.701	3.348	3.348	1.00	0.742
32	18	3.816	3.816	1.00	0.676	3.708	3.708	1.00	0.713	3.582	3.582	1.00	0.763
32	20	4.104	4.104	1.00	0.696	4.014	4.014	1.00	0.730	3.906	3.906	1.00	0.779
32	22	4.374	3.937	0.90	0.713	4.284	3.856	0.90	0.754	4.176	3.758	0.90	0.804
34	16	3.564	3.564	1.00	0.663	3.456	3.456	1.00	0.701	3.348	3.348	1.00	0.742
34	18	3.816	3.816	1.00	0.676	3.708	3.708	1.00	0.713	3.582	3.582	1.00	0.763
34	20	4.104	4.104	1.00	0.696	4.014	4.014	1.00	0.730	3.906	3.906	1.00	0.779
34	22	4.374	4.287	0.98	0.713	4.284	4.198	0.98	0.754	4.176	4.092	0.98	0.804

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.524	2.524	1.00	0.784	2.447	2.447	1.00	0.850	2.384	2.384	1.00	0.916
14	8	2.549	2.549	1.00	0.785	2.465	2.465	1.00	0.852	2.398	2.398	1.00	0.917
14	9	2.655	2.522	0.95	0.792	2.564	2.436	0.95	0.859	2.489	2.365	0.95	0.926
16	8	2.632	2.632	1.00	0.790	2.553	2.553	1.00	0.858	2.488	2.488	1.00	0.926
16	9	2.675	2.675	1.00	0.793	2.584	2.584	1.00	0.861	2.512	2.512	1.00	0.928
16	11	2.798	2.602	0.93	0.800	2.703	2.514	0.93	0.870	2.623	2.439	0.93	0.939
18	10	2.741	2.741	1.00	0.797	2.661	2.661	1.00	0.867	2.593	2.593	1.00	0.936
18	11	2.809	2.809	1.00	0.800	2.713	2.713	1.00	0.870	2.634	2.634	1.00	0.940
18	12	2.948	2.683	0.91	0.807	2.848	2.592	0.91	0.879	2.763	2.514	0.91	0.951
20	16	3.204	2.499	0.78	0.796	3.060	2.387	0.78	0.854	2.916	2.274	0.78	0.924
20	18	3.456	2.281	0.66	0.817	3.348	2.210	0.66	0.879	3.132	2.067	0.66	0.945
20	20	3.744	2.022	0.54	0.837	3.600	1.944	0.54	0.895	3.384	1.827	0.54	0.962
22	16	3.204	2.755	0.86	0.796	3.060	2.632	0.86	0.854	2.916	2.508	0.86	0.924
22	18	3.456	2.557	0.74	0.817	3.348	2.478	0.74	0.879	3.132	2.318	0.74	0.945
22	20	3.744	2.321	0.62	0.837	3.600	2.232	0.62	0.895	3.384	2.098	0.62	0.962
24	16	3.204	3.012	0.94	0.796	3.060	2.876	0.94	0.854	2.916	2.741	0.94	0.924
24	18	3.456	2.834	0.82	0.817	3.348	2.745	0.82	0.879	3.132	2.568	0.82	0.945
24	20	3.744	2.621	0.70	0.837	3.600	2.520	0.70	0.895	3.384	2.369	0.70	0.962
24	22	4.032	2.339	0.58	0.854	3.888	2.255	0.58	0.920	3.672	2.130	0.58	0.978
26	16	3.204	3.204	1.00	0.796	3.060	3.060	1.00	0.854	2.916	2.916	1.00	0.924
26	18	3.456	3.110	0.90	0.817	3.348	3.013	0.90	0.879	3.132	2.819	0.90	0.945
26	20	3.744	2.920	0.78	0.837	3.600	2.808	0.78	0.895	3.384	2.640	0.78	0.962
26	22	4.032	2.661	0.66	0.854	3.888	2.566	0.66	0.920	3.672	2.424	0.66	0.978
27	16	3.204	3.204	1.00	0.796	3.060	3.060	1.00	0.854	2.916	2.916	1.00	0.924
27	18	3.456	3.249	0.94	0.817	3.348	3.147	0.94	0.879	3.132	2.944	0.94	0.945
27	20	3.744	3.070	0.82	0.837	3.600	2.952	0.82	0.895	3.384	2.775	0.82	0.962
27	22	4.032	2.822	0.70	0.854	3.888	2.722	0.70	0.920	3.672	2.570	0.70	0.978
28	16	3.204	3.204	1.00	0.796	3.060	3.060	1.00	0.854	2.916	2.916	1.00	0.924
28	18	3.456	3.387	0.98	0.817	3.348	3.281	0.98	0.879	3.132	3.069	0.98	0.945
28	20	3.744	3.220	0.86	0.837	3.600	3.096	0.86	0.895	3.384	2.910	0.86	0.962
28	22	4.032	2.984	0.74	0.854	3.888	2.877	0.74	0.920	3.672	2.717	0.74	0.978
30	16	3.204	3.204	1.00	0.796	3.060	3.060	1.00	0.854	2.916	2.916	1.00	0.924
30	18	3.456	3.456	1.00	0.817	3.348	3.348	1.00	0.879	3.132	3.132	1.00	0.945
30	20	3.744	3.519	0.94	0.837	3.600	3.384	0.94	0.895	3.384	3.181	0.94	0.962
30	22	4.032	3.306	0.82	0.854	3.888	3.188	0.82	0.920	3.672	3.011	0.82	0.978
32	16	3.204	3.204	1.00	0.796	3.060	3.060	1.00	0.854	2.916	2.916	1.00	0.924
32	18	3.456	3.456	1.00	0.817	3.348	3.348	1.00	0.879	3.132	3.132	1.00	0.945
32	20	3.744	3.744	1.00	0.837	3.600	3.600	1.00	0.895	3.384	3.384	1.00	0.962
32	22	4.032	3.629	0.90	0.854	3.888	3.499	0.90	0.920	3.672	3.305	0.90	0.978
34	16	3.204	3.204	1.00	0.796	3.060	3.060	1.00	0.854	2.916	2.916	1.00	0.924
34	18	3.456	3.456	1.00	0.817	3.348	3.348	1.00	0.879	3.132	3.132	1.00	0.945
34	20	3.744	3.744	1.00	0.837	3.600	3.600	1.00	0.895	3.384	3.384	1.00	0.962

COOLING CAPACITY
PCA-M50KA2 / PUZ-ZM50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.781	3.781	1.00	0.916	3.693	3.693	1.00	1.001	3.604	3.604	1.00	1.086
14	8	3.862	3.630	0.94	0.916	3.758	3.533	0.94	1.002	3.655	3.436	0.94	1.088
14	9	4.021	3.458	0.86	0.915	3.914	3.366	0.86	1.004	3.806	3.273	0.86	1.094
16	8	3.939	3.939	1.00	0.915	3.848	3.848	1.00	1.004	3.757	3.757	1.00	1.092
16	9	4.050	3.726	0.92	0.914	3.942	3.627	0.92	1.005	3.834	3.527	0.92	1.095
16	11	4.237	3.559	0.84	0.912	4.123	3.463	0.84	1.007	4.010	3.368	0.84	1.102
18	10	4.102	4.102	1.00	0.913	4.007	4.007	1.00	1.006	3.911	3.911	1.00	1.099
18	11	4.253	3.870	0.91	0.912	4.139	3.766	0.91	1.007	4.025	3.663	0.91	1.103
18	12	4.466	3.662	0.82	0.909	4.345	3.563	0.82	1.009	4.223	3.463	0.82	1.109
20	16	4.950	3.416	0.69	1.000	4.800	3.312	0.69	1.056	4.650	3.209	0.69	1.119
20	18	5.300	3.021	0.57	1.019	5.150	2.936	0.57	1.075	4.975	2.836	0.57	1.150
20	20	5.700	2.565	0.45	1.050	5.575	2.509	0.45	1.100	5.425	2.441	0.45	1.175
22	16	4.950	3.812	0.77	1.000	4.800	3.696	0.77	1.056	4.650	3.581	0.77	1.119
22	18	5.300	3.445	0.65	1.019	5.150	3.348	0.65	1.075	4.975	3.234	0.65	1.150
22	20	5.700	3.021	0.53	1.050	5.575	2.955	0.53	1.100	5.425	2.875	0.53	1.175
24	16	4.950	4.208	0.85	1.000	4.800	4.080	0.85	1.056	4.650	3.953	0.85	1.119
24	18	5.300	3.869	0.73	1.019	5.150	3.760	0.73	1.075	4.975	3.632	0.73	1.150
24	20	5.700	3.477	0.61	1.050	5.575	3.401	0.61	1.100	5.425	3.309	0.61	1.175
24	22	6.075	2.977	0.49	1.075	5.950	2.916	0.49	1.138	5.800	2.842	0.49	1.213
26	16	4.950	4.604	0.93	1.000	4.800	4.464	0.93	1.056	4.650	4.325	0.93	1.119
26	18	5.300	4.293	0.81	1.019	5.150	4.172	0.81	1.075	4.975	4.030	0.81	1.150
26	20	5.700	3.933	0.69	1.050	5.575	3.847	0.69	1.100	5.425	3.743	0.69	1.175
26	22	6.075	3.463	0.57	1.075	5.950	3.392	0.57	1.138	5.800	3.306	0.57	1.213
27	16	4.950	4.802	0.97	1.000	4.800	4.656	0.97	1.056	4.650	4.511	0.97	1.119
27	18	5.300	4.505	0.85	1.019	5.150	4.378	0.85	1.075	4.975	4.229	0.85	1.150
27	20	5.700	4.161	0.73	1.050	5.575	4.070	0.73	1.100	5.425	3.960	0.73	1.175
27	22	6.075	3.706	0.61	1.075	5.950	3.630	0.61	1.138	5.800	3.538	0.61	1.213
28	16	4.950	4.950	1.00	1.000	4.800	4.800	1.00	1.056	4.650	4.650	1.00	1.119
28	18	5.300	4.717	0.89	1.019	5.150	4.584	0.89	1.075	4.975	4.428	0.89	1.150
28	20	5.700	4.389	0.77	1.050	5.575	4.293	0.77	1.100	5.425	4.177	0.77	1.175
28	22	6.075	3.949	0.65	1.075	5.950	3.868	0.65	1.138	5.800	3.770	0.65	1.213
30	16	4.950	4.950	1.00	1.000	4.800	4.800	1.00	1.056	4.650	4.650	1.00	1.119
30	18	5.300	5.141	0.97	1.019	5.150	4.996	0.97	1.075	4.975	4.826	0.97	1.150
30	20	5.700	4.845	0.85	1.050	5.575	4.739	0.85	1.100	5.425	4.611	0.85	1.175
30	22	6.075	4.435	0.73	1.075	5.950	4.344	0.73	1.138	5.800	4.234	0.73	1.213
32	16	4.950	4.950	1.00	1.000	4.800	4.800	1.00	1.056	4.650	4.650	1.00	1.119
32	18	5.300	5.300	1.00	1.019	5.150	5.150	1.00	1.075	4.975	4.975	1.00	1.150
32	20	5.700	5.301	0.93	1.050	5.575	5.185	0.93	1.100	5.425	5.045	0.93	1.175
32	22	6.075	4.921	0.81	1.075	5.950	4.820	0.81	1.138	5.800	4.698	0.81	1.213
34	16	4.950	4.950	1.00	1.000	4.800	4.800	1.00	1.056	4.650	4.650	1.00	1.119
34	18	5.300	5.300	1.00	1.019	5.150	5.150	1.00	1.075	4.975	4.975	1.00	1.150
34	20	5.700	5.700	1.00	1.050	5.575	5.575	1.00	1.100	5.425	5.425	1.00	1.175
34	22	6.075	5.407	0.89	1.075	5.950	5.296	0.89	1.138	5.800	5.162	0.89	1.213

CEILING-SUSPENDED
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.505	3.505	1.00	1.182	3.399	3.399	1.00	1.282	3.311	3.311	1.00	1.380
14	8	3.540	3.328	0.94	1.184	3.424	3.219	0.94	1.284	3.330	3.130	0.94	1.383
14	9	3.688	3.172	0.86	1.194	3.562	3.063	0.86	1.296	3.457	2.973	0.86	1.396
16	8	3.655	3.655	1.00	1.192	3.546	3.546	1.00	1.294	3.455	3.455	1.00	1.396
16	9	3.715	3.418	0.92	1.196	3.589	3.302	0.92	1.298	3.488	3.209	0.92	1.400
16	11	3.886	3.264	0.84	1.206	3.754	3.153	0.84	1.311	3.643	3.060	0.84	1.415
18	10	3.807	3.807	1.00	1.201	3.695	3.695	1.00	1.307	3.601	3.601	1.00	1.411
18	11	3.911	3.550	0.91	1.206	3.769	3.430	0.91	1.312	3.658	3.329	0.91	1.417
18	12	4.094	3.357	0.82	1.216	3.956	3.244	0.82	1.326	3.838	3.147	0.82	1.434
20	16	4.450	3.071	0.69	1.200	4.250	2.933	0.69	1.288	4.050	2.795	0.69	1.394
20	18	4.800	2.736	0.57	1.231	4.650	2.651	0.57	1.325	4.350	2.480	0.57	1.425
20	20	5.200	2.340	0.45	1.263	5.000	2.250	0.45	1.350	4.700	2.115	0.45	1.450
22	16	4.450	3.427	0.77	1.200	4.250	3.273	0.77	1.288	4.050	3.119	0.77	1.394
22	18	4.800	3.120	0.65	1.231	4.650	3.023	0.65	1.325	4.350	2.828	0.65	1.425
22	20	5.200	2.756	0.53	1.263	5.000	2.650	0.53	1.350	4.700	2.491	0.53	1.450
24	16	4.450	3.783	0.85	1.200	4.250	3.613	0.85	1.288	4.050	3.443	0.85	1.394
24	18	4.800	3.504	0.73	1.231	4.650	3.395	0.73	1.325	4.350	3.176	0.73	1.425
24	20	5.200	3.172	0.61	1.263	5.000	3.050	0.61	1.350	4.700	2.867	0.61	1.450
24	22	5.600	2.744	0.49	1.288	5.400	2.646	0.49	1.388	5.100	2.499	0.49	1.475
26	16	4.450	4.139	0.93	1.200	4.250	3.953	0.93	1.288	4.050	3.767	0.93	1.394
26	18	4.800	3.888	0.81	1.231	4.650	3.767	0.81	1.325	4.350	3.524	0.81	1.425
26	20	5.200	3.588	0.69	1.263	5.000	3.450	0.69	1.350	4.700	3.243	0.69	1.450
26	22	5.600	3.192	0.57	1.288	5.400	3.078	0.57	1.388	5.100	2.907	0.57	1.475
27	16	4.450	4.317	0.97	1.200	4.250	4.123	0.97	1.288	4.050	3.929	0.97	1.394
27	18	4.800	4.080	0.85	1.231	4.650	3.953	0.85	1.325	4.350	3.698	0.85	1.425
27	20	5.200	3.796	0.73	1.263	5.000	3.650	0.73	1.350	4.700	3.431	0.73	1.450
27	22	5.600	3.416	0.61	1.288	5.400	3.294	0.61	1.388	5.100	3.111	0.61	1.475
28	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
28	18	4.800	4.272	0.89	1.231	4.650	4.139	0.89	1.325	4.350	3.872	0.89	1.425
28	20	5.200	4.004	0.77	1.263	5.000	3.850	0.77	1.350	4.700	3.619	0.77	1.450
28	22	5.600	3.640	0.65	1.288	5.400	3.510	0.65	1.388	5.100	3.315	0.65	1.475
30	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
30	18	4.800	4.656	0.97	1.231	4.650	4.511	0.97	1.325	4.350	4.220	0.97	1.425
30	20	5.200	4.420	0.85	1.263	5.000	4.250	0.85	1.350	4.700	3.995	0.85	1.450
30	22	5.600	4.088	0.73	1.288	5.400	3.942	0.73	1.388	5.100	3.723	0.73	1.475
32	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
32	18	4.800	4.800	1.00	1.231	4.650	4.650	1.00	1.325	4.350	4.350	1.00	1.425
32	20	5.200	4.836	0.93	1.263	5.000	4.650	0.93	1.350	4.700	4.371	0.93	1.450
32	22	5.600	4.536	0.81	1.288	5.400	4.374	0.81	1.388	5.100	4.131	0.81	1.475
34	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
34	18	4.800	4.800	1.00	1.231	4.650	4.650	1.00	1.325	4.350	4.350	1.00	1.425
34	20	5.200	5.200	1.00	1.263	5.000	5.000	1.00	1.350	4.700	4.700	1.00	1.450
34	22	5.600	4.984	0.89	1.288	5.400	4.806	0.89	1.388	5.100</			

COOLING CAPACITY
PCA-M60KA2 / PUZ-ZM60VHA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.613	1.00	1.115	4.505	4.505	1.00	1.218	4.397	4.397	1.00	1.321
14	8	4.711	4.523	0.96	1.115	4.585	4.402	0.96	1.219	4.459	4.281	0.96	1.324
14	9	4.906	4.317	0.88	1.113	4.775	4.202	0.88	1.222	4.644	4.087	0.88	1.332
16	8	4.806	4.806	1.00	1.113	4.695	4.695	1.00	1.221	4.583	4.583	1.00	1.329
16	9	4.942	4.645	0.94	1.112	4.810	4.521	0.94	1.223	4.678	4.397	0.94	1.333
16	11	5.189	4.445	0.86	1.110	5.031	4.327	0.86	1.225	4.892	4.207	0.86	1.341
18	10	5.005	5.005	1.00	1.111	4.888	4.888	1.00	1.224	4.771	4.771	1.00	1.337
18	11	5.189	4.826	0.93	1.110	5.049	4.696	0.93	1.226	4.910	4.566	0.93	1.342
18	12	5.448	4.576	0.84	1.106	5.300	4.452	0.84	1.228	5.153	4.329	0.84	1.349
20	16	6.039	4.288	0.71	1.217	5.856	4.158	0.71	1.285	5.673	4.028	0.71	1.361
20	18	6.466	3.815	0.59	1.240	6.283	3.707	0.59	1.308	6.070	3.581	0.59	1.399
20	20	6.954	3.268	0.47	1.278	6.802	3.197	0.47	1.338	6.619	3.111	0.47	1.430
22	16	6.039	4.771	0.79	1.217	5.856	4.626	0.79	1.285	5.673	4.482	0.79	1.361
22	18	6.466	4.332	0.67	1.240	6.283	4.210	0.67	1.308	6.070	4.067	0.67	1.399
22	20	6.954	3.825	0.55	1.278	6.802	3.741	0.55	1.338	6.619	3.640	0.55	1.430
24	16	6.039	5.254	0.87	1.217	5.856	5.095	0.87	1.285	5.673	4.936	0.87	1.361
24	18	6.466	4.850	0.75	1.240	6.283	4.712	0.75	1.308	6.070	4.553	0.75	1.399
24	20	6.954	4.381	0.63	1.278	6.802	4.285	0.63	1.338	6.619	4.170	0.63	1.430
24	22	7.412	3.780	0.51	1.308	7.259	3.702	0.51	1.384	7.076	3.609	0.51	1.475
26	16	6.039	5.737	0.95	1.217	5.856	5.563	0.95	1.285	5.673	5.389	0.95	1.361
26	18	6.466	5.367	0.83	1.240	6.283	5.215	0.83	1.308	6.070	5.038	0.83	1.399
26	20	6.954	4.937	0.71	1.278	6.802	4.829	0.71	1.338	6.619	4.699	0.71	1.430
26	22	7.412	4.373	0.59	1.308	7.259	4.283	0.59	1.384	7.076	4.175	0.59	1.475
27	16	6.039	5.979	0.99	1.217	5.856	5.797	0.99	1.285	5.673	5.616	0.99	1.361
27	18	6.466	5.625	0.87	1.240	6.283	5.466	0.87	1.308	6.070	5.281	0.87	1.399
27	20	6.954	5.216	0.75	1.278	6.802	5.102	0.75	1.338	6.619	4.964	0.75	1.430
27	22	7.412	4.670	0.63	1.308	7.259	4.573	0.63	1.384	7.076	4.458	0.63	1.475
28	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
28	18	6.466	5.884	0.91	1.240	6.283	5.718	0.91	1.308	6.070	5.524	0.91	1.399
28	20	6.954	5.494	0.79	1.278	6.802	5.374	0.79	1.338	6.619	5.229	0.79	1.430
28	22	7.412	4.966	0.67	1.308	7.259	4.864	0.67	1.384	7.076	4.741	0.67	1.475
30	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
30	18	6.466	6.401	0.99	1.240	6.283	6.220	0.99	1.308	6.070	6.009	0.99	1.399
30	20	6.954	6.050	0.87	1.278	6.802	5.918	0.87	1.338	6.619	5.759	0.87	1.430
30	22	7.412	5.559	0.75	1.308	7.259	5.444	0.75	1.384	7.076	5.307	0.75	1.475
32	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
32	18	6.466	6.466	1.00	1.240	6.283	6.283	1.00	1.308	6.070	6.070	1.00	1.399
32	20	6.954	6.606	0.95	1.278	6.802	6.462	0.95	1.338	6.619	6.288	0.95	1.430
32	22	7.412	6.152	0.83	1.308	7.259	6.025	0.83	1.384	7.076	5.873	0.83	1.475
34	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
34	18	6.466	6.466	1.00	1.240	6.283	6.283	1.00	1.308	6.070	6.070	1.00	1.399
34	20	6.954	6.954	1.00	1.278	6.802	6.802	1.00	1.338	6.619	6.619	1.00	1.430
34	22	7.412	6.745	0.91	1.308	7.259	6.606	0.91	1.384	7.076	6.439	0.91	1.475

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.438	4.147	4.147	1.00	1.560	4.040	4.040	1.00	1.680
14	8	4.319	4.146	0.96	1.441	4.177	4.010	0.96	1.562	4.063	3.900	0.96	1.683
14	9	4.499	3.959	0.88	1.453	4.345	3.824	0.88	1.577	4.218	3.712	0.88	1.699
16	8	4.459	4.459	1.00	1.450	4.326	4.326	1.00	1.575	4.215	4.215	1.00	1.699
16	9	4.533	4.261	0.94	1.455	4.379	4.116	0.94	1.579	4.256	4.001	0.94	1.703
16	11	4.741	4.077	0.86	1.467	4.580	3.939	0.86	1.595	4.445	3.823	0.86	1.722
18	10	4.645	4.645	1.00	1.461	4.508	4.508	1.00	1.590	4.394	4.394	1.00	1.717
18	11	4.760	4.427	0.93	1.468	4.598	4.276	0.93	1.596	4.463	4.151	0.93	1.724
18	12	4.995	4.196	0.84	1.480	4.826	4.054	0.84	1.613	4.682	3.933	0.84	1.744
20	16	5.429	3.855	0.71	1.460	5.185	3.681	0.71	1.567	4.941	3.508	0.71	1.696
20	18	5.856	3.455	0.59	1.498	5.673	3.347	0.59	1.612	5.307	3.131	0.59	1.734
20	20	6.344	2.982	0.47	1.536	6.100	2.867	0.47	1.643	5.734	2.695	0.47	1.764
22	16	5.429	4.289	0.79	1.460	5.185	4.096	0.79	1.567	4.941	3.903	0.79	1.696
22	18	5.856	3.924	0.67	1.498	5.673	3.801	0.67	1.612	5.307	3.556	0.67	1.734
22	20	6.344	3.489	0.55	1.536	6.100	3.355	0.55	1.643	5.734	3.154	0.55	1.764
24	16	5.429	4.723	0.87	1.460	5.185	4.511	0.87	1.567	4.941	4.299	0.87	1.696
24	18	5.856	4.392	0.75	1.498	5.673	4.255	0.75	1.612	5.307	3.980	0.75	1.734
24	20	6.344	3.997	0.63	1.536	6.100	3.843	0.63	1.643	5.734	3.612	0.63	1.764
24	22	6.832	3.484	0.51	1.567	6.588	3.360	0.51	1.688	6.222	3.173	0.51	1.795
26	16	5.429	5.158	0.95	1.460	5.185	4.926	0.95	1.567	4.941	4.694	0.95	1.696
26	18	5.856	4.860	0.83	1.498	5.673	4.709	0.83	1.612	5.307	4.405	0.83	1.734
26	20	6.344	4.504	0.71	1.536	6.100	4.331	0.71	1.643	5.734	4.071	0.71	1.764
26	22	6.832	4.031	0.59	1.567	6.588	3.887	0.59	1.688	6.222	3.671	0.59	1.795
27	16	5.429	5.375	0.99	1.460	5.185	5.133	0.99	1.567	4.941	4.892	0.99	1.696
27	18	5.856	5.095	0.87	1.498	5.673	4.936	0.87	1.612	5.307	4.617	0.87	1.734
27	20	6.344	4.758	0.75	1.536	6.100	4.575	0.75	1.643	5.734	4.301	0.75	1.764
27	22	6.832	4.304	0.63	1.567	6.588	4.150	0.63	1.688	6.222	3.920	0.63	1.795
28	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
28	18	5.856	5.329	0.91	1.498	5.673	5.162	0.91	1.612	5.307	4.829	0.91	1.734
28	20	6.344	5.012	0.79	1.536	6.100	4.819	0.79	1.643	5.734	4.530	0.79	1.764
28	22	6.832	4.577	0.67	1.567	6.588	4.414	0.67	1.688	6.222	4.169	0.67	1.795
30	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
30	18	5.856	5.797	0.99	1.498	5.673	5.616	0.99	1.612	5.307	5.254	0.99	1.734
30	20	6.344	5.519	0.87	1.536	6.100	5.307	0.87	1.643	5.734	4.989	0.87	1.764
30	22	6.832	5.124	0.75	1.567	6.588	4.941	0.75	1.688	6.222	4.667	0.75	1.795
32	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
32	18	5.856	5.856	1.00	1.498	5.673	5.673	1.00	1.612	5.307	5.307	1.00	1.734
32	20	6.344	6.027	0.95	1.536	6.100	5.795	0.95	1.643	5.734	5.447	0.95	1.764
32	22	6.832	5.671	0.83	1.567	6.588	5.468	0.83	1.688	6.222	5.164	0.83	1.795
34	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
34	18	5.856	5.856	1.00	1.498	5.673	5.673	1.00	1.612	5.307	5.307	1.00	1.734
34	20	6.344	6.344	1.00	1.536	6.100	6.100	1.00	1.643	5.734	5.734	1.00	1.764
34	22	6.832	6.217	0.91	1.567	6.588	5.995	0.91	1.				

COOLING CAPACITY
PCA-M71KA2 / PUZ-ZM71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.262	0.98	1.341	5.244	5.139	0.98	1.465	5.118	5.016	0.98	1.588
14	8	5.483	4.990	0.91	1.340	5.337	4.857	0.91	1.466	5.190	4.723	0.91	1.592
14	9	5.710	4.739	0.83	1.338	5.558	4.613	0.83	1.470	5.405	4.486	0.83	1.601
16	8	5.594	5.482	0.98	1.339	5.464	5.355	0.98	1.469	5.335	5.228	0.98	1.598
16	9	5.752	5.119	0.89	1.338	5.598	4.982	0.89	1.470	5.445	4.846	0.89	1.603
16	11	6.016	4.873	0.81	1.334	5.855	4.743	0.81	1.474	5.694	4.612	0.81	1.613
18	10	5.825	5.650	0.97	1.336	5.689	5.518	0.97	1.472	5.554	5.387	0.97	1.607
18	11	6.039	5.314	0.88	1.335	5.877	5.172	0.88	1.474	5.715	5.029	0.88	1.614
18	12	6.341	5.009	0.79	1.330	6.169	4.874	0.79	1.476	5.997	4.738	0.79	1.622
20	16	7.029	4.639	0.66	1.463	6.816	4.499	0.66	1.546	6.603	4.358	0.66	1.637
20	18	7.526	4.064	0.54	1.491	7.313	3.949	0.54	1.573	7.065	3.815	0.54	1.683
20	20	8.094	3.399	0.42	1.536	7.917	3.325	0.42	1.610	7.704	3.236	0.42	1.719
22	16	7.029	5.201	0.74	1.463	6.816	5.044	0.74	1.546	6.603	4.886	0.74	1.637
22	18	7.526	4.666	0.62	1.491	7.313	4.534	0.62	1.573	7.065	4.380	0.62	1.683
22	20	8.094	4.047	0.50	1.536	7.917	3.959	0.50	1.610	7.704	3.852	0.50	1.719
24	16	7.029	5.764	0.82	1.463	6.816	5.589	0.82	1.546	6.603	5.414	0.82	1.637
24	18	7.526	5.268	0.70	1.491	7.313	5.119	0.70	1.573	7.065	4.946	0.70	1.683
24	20	8.094	4.695	0.58	1.536	7.917	4.592	0.58	1.610	7.704	4.468	0.58	1.719
24	22	8.627	3.968	0.46	1.573	8.449	3.887	0.46	1.664	8.236	3.789	0.46	1.774
26	16	7.029	6.326	0.90	1.463	6.816	6.134	0.90	1.546	6.603	5.943	0.90	1.637
26	18	7.526	5.870	0.78	1.491	7.313	5.704	0.78	1.573	7.065	5.511	0.78	1.683
26	20	8.094	5.342	0.66	1.536	7.917	5.225	0.66	1.610	7.704	5.085	0.66	1.719
26	22	8.627	4.659	0.54	1.573	8.449	4.562	0.54	1.664	8.236	4.447	0.54	1.774
27	16	7.029	6.607	0.94	1.463	6.816	6.407	0.94	1.546	6.603	6.207	0.94	1.637
27	18	7.526	6.171	0.82	1.491	7.313	5.997	0.82	1.573	7.065	5.793	0.82	1.683
27	20	8.094	5.666	0.70	1.536	7.917	5.542	0.70	1.610	7.704	5.393	0.70	1.719
27	22	8.627	5.004	0.58	1.573	8.449	4.900	0.58	1.664	8.236	4.777	0.58	1.774
28	16	7.029	6.888	0.98	1.463	6.816	6.680	0.98	1.546	6.603	6.471	0.98	1.637
28	18	7.526	6.472	0.86	1.491	7.313	6.289	0.86	1.573	7.065	6.076	0.86	1.683
28	20	8.094	5.990	0.74	1.536	7.917	5.859	0.74	1.610	7.704	5.701	0.74	1.719
28	22	8.627	5.349	0.62	1.573	8.449	5.238	0.62	1.664	8.236	5.106	0.62	1.774
30	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
30	18	7.526	7.074	0.94	1.491	7.313	6.874	0.94	1.573	7.065	6.641	0.94	1.683
30	20	8.094	6.637	0.82	1.536	7.917	6.492	0.82	1.610	7.704	6.317	0.82	1.719
30	22	8.627	6.039	0.70	1.573	8.449	5.914	0.70	1.664	8.236	5.765	0.70	1.774
32	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
32	18	7.526	7.526	1.00	1.491	7.313	7.313	1.00	1.573	7.065	7.065	1.00	1.683
32	20	8.094	7.285	0.90	1.536	7.917	7.125	0.90	1.610	7.704	6.934	0.90	1.719
32	22	8.627	6.729	0.78	1.573	8.449	6.590	0.78	1.664	8.236	6.424	0.78	1.774
34	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
34	18	7.526	7.526	1.00	1.491	7.313	7.313	1.00	1.573	7.065	7.065	1.00	1.683
34	20	8.094	7.932	0.98	1.536	7.917	7.759	0.98	1.610	7.704	7.550	0.98	1.719
34	22	8.627	7.419	0.86	1.573	8.449	7.266	0.86	1.664	8.236	7.083	0.86	1.774

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.878	0.98	1.729	4.827	4.730	0.98	1.875	4.702	4.608	0.98	2.020
14	8	5.027	4.575	0.91	1.733	4.862	4.424	0.91	1.879	4.729	4.303	0.91	2.023
14	9	5.237	4.347	0.83	1.747	5.057	4.197	0.83	1.896	4.909	4.074	0.83	2.043
16	8	5.190	5.086	0.98	1.744	5.035	4.934	0.98	1.894	4.906	4.808	0.98	2.043
16	9	5.276	4.696	0.89	1.750	5.096	4.535	0.89	1.899	4.953	4.408	0.89	2.048
16	11	5.519	4.470	0.81	1.764	5.331	4.318	0.81	1.919	5.173	4.190	0.81	2.071
18	10	5.406	5.244	0.97	1.757	5.247	5.090	0.97	1.912	5.114	4.961	0.97	2.065
18	11	5.540	4.875	0.88	1.765	5.352	4.710	0.88	1.920	5.194	4.571	0.88	2.073
18	12	5.814	4.593	0.79	1.780	5.618	4.438	0.79	1.940	5.450	4.306	0.79	2.098
20	16	6.319	4.171	0.66	1.756	6.035	3.983	0.66	1.884	5.751	3.796	0.66	2.039
20	18	6.816	3.681	0.54	1.802	6.603	3.566	0.54	1.939	6.177	3.336	0.54	2.085
20	20	7.384	3.101	0.42	1.847	7.100	2.982	0.42	1.975	6.674	2.803	0.42	2.122
22	16	6.319	4.676	0.74	1.756	6.035	4.466	0.74	1.884	5.751	4.256	0.74	2.039
22	18	6.816	4.226	0.62	1.802	6.603	4.094	0.62	1.939	6.177	3.830	0.62	2.085
22	20	7.384	3.692	0.50	1.847	7.100	3.550	0.50	1.975	6.674	3.337	0.50	2.122
24	16	6.319	5.182	0.82	1.756	6.035	4.949	0.82	1.884	5.751	4.716	0.82	2.039
24	18	6.816	4.771	0.70	1.802	6.603	4.622	0.70	1.939	6.177	4.324	0.70	2.085
24	20	7.384	4.283	0.58	1.847	7.100	4.118	0.58	1.975	6.674	3.871	0.58	2.122
24	22	7.952	3.658	0.46	1.884	7.668	3.527	0.46	2.030	7.242	3.331	0.46	2.158
26	16	6.319	5.687	0.90	1.756	6.035	5.432	0.90	1.884	5.751	5.176	0.90	2.039
26	18	6.816	5.316	0.78	1.802	6.603	5.150	0.78	1.939	6.177	4.818	0.78	2.085
26	20	7.384	4.873	0.66	1.847	7.100	4.686	0.66	1.975	6.674	4.405	0.66	2.122
26	22	7.952	4.294	0.54	1.884	7.668	4.141	0.54	2.030	7.242	3.911	0.54	2.158
27	16	6.319	5.940	0.94	1.756	6.035	5.673	0.94	1.884	5.751	5.406	0.94	2.039
27	18	6.816	5.589	0.82	1.802	6.603	5.414	0.82	1.939	6.177	5.065	0.82	2.085
27	20	7.384	5.169	0.70	1.847	7.100	4.970	0.70	1.975	6.674	4.672	0.70	2.122
27	22	7.952	4.612	0.58	1.884	7.668	4.447	0.58	2.030	7.242	4.200	0.58	2.158
28	16	6.319	6.193	0.98	1.756	6.035	5.914	0.98	1.884	5.751	5.636	0.98	2.039
28	18	6.816	5.862	0.86	1.802	6.603	5.679	0.86	1.939	6.177	5.312	0.86	2.085
28	20	7.384	5.464	0.74	1.847	7.100	5.254	0.74	1.975	6.674	4.939	0.74	2.122
28	22	7.952	4.930	0.62	1.884	7.668	4.754	0.62	2.030	7.242	4.490	0.62	2.158
30	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
30	18	6.816	6.407	0.94	1.802	6.603	6.207	0.94	1.939	6.177	5.806	0.94	2.085
30	20	7.384	6.055	0.82	1.847	7.100	5.822	0.82	1.975	6.674	5.473	0.82	2.122
30	22	7.952	5.566	0.70	1.884	7.668	5.368	0.70	2.030	7.242	5.069	0.70	2.158
32	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
32	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
32	20	7.384	6.646	0.90	1.847	7.100	6.390	0.90	1.975	6.674	6.007	0.90	2.122
32	22	7.952	6.203	0.78	1.884	7.668	5.981	0.78	2.030	7.242	5.649	0.78	2.158
34	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
34	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
34	20	7.384	7.236	0.98	1.847	7.100	6.958	0.98	1.975	6.674	6.541	0.98	2.122
34	22	7.952	6.839	0.86	1.884	7.668	6.594	0.86	2				

COOLING CAPACITY
PCA-M100KA2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	1.741	7.016	6.946	0.99	1.902	6.848	6.780	0.99	2.063
14	8	7.337	6.750	0.92	1.741	7.141	6.570	0.92	1.904	6.945	6.389	0.92	2.068
14	9	7.641	6.418	0.84	1.738	7.436	6.246	0.84	1.908	7.232	6.075	0.84	2.079
16	8	7.485	7.410	0.99	1.738	7.311	7.238	0.99	1.907	7.138	7.067	0.99	2.076
16	9	7.696	6.926	0.90	1.737	7.491	6.742	0.90	1.909	7.286	6.557	0.90	2.081
16	11	8.050	6.601	0.82	1.733	7.834	6.424	0.82	1.914	7.619	6.248	0.82	2.094
18	10	7.794	7.638	0.98	1.735	7.613	7.461	0.98	1.911	7.431	7.282	0.98	2.087
18	11	8.080	7.191	0.89	1.733	7.864	6.999	0.89	1.914	7.647	6.806	0.89	2.095
18	12	8.485	6.788	0.80	1.727	8.255	6.604	0.80	1.917	8.024	6.419	0.80	2.107
20	16	9.405	6.301	0.67	1.900	9.120	6.110	0.67	2.007	8.835	5.919	0.67	2.126
20	18	10.070	5.539	0.55	1.936	9.785	5.382	0.55	2.043	9.453	5.199	0.55	2.185
20	20	10.830	4.657	0.43	1.995	10.593	4.555	0.43	2.090	10.308	4.432	0.43	2.233
22	16	9.405	7.054	0.75	1.900	9.120	6.840	0.75	2.007	8.835	6.626	0.75	2.126
22	18	10.070	6.344	0.63	1.936	9.785	6.165	0.63	2.043	9.453	5.955	0.63	2.185
22	20	10.830	5.523	0.51	1.995	10.593	5.402	0.51	2.090	10.308	5.257	0.51	2.233
24	16	9.405	7.806	0.83	1.900	9.120	7.570	0.83	2.007	8.835	7.333	0.83	2.126
24	18	10.070	7.150	0.71	1.936	9.785	6.947	0.71	2.043	9.453	6.712	0.71	2.185
24	20	10.830	6.390	0.59	1.995	10.593	6.250	0.59	2.090	10.308	6.082	0.59	2.233
24	22	11.543	5.425	0.47	2.043	11.305	5.313	0.47	2.161	11.020	5.179	0.47	2.304
26	16	9.405	8.559	0.91	1.900	9.120	8.299	0.91	2.007	8.835	8.040	0.91	2.126
26	18	10.070	7.955	0.79	1.936	9.785	7.730	0.79	2.043	9.453	7.468	0.79	2.185
26	20	10.830	7.256	0.67	1.995	10.593	7.097	0.67	2.090	10.308	6.906	0.67	2.233
26	22	11.543	6.349	0.55	2.043	11.305	6.218	0.55	2.161	11.020	6.061	0.55	2.304
27	16	9.405	8.935	0.95	1.900	9.120	8.664	0.95	2.007	8.835	8.393	0.95	2.126
27	18	10.070	8.358	0.83	1.936	9.785	8.122	0.83	2.043	9.453	7.846	0.83	2.185
27	20	10.830	7.689	0.71	1.995	10.593	7.521	0.71	2.090	10.308	7.319	0.71	2.233
27	22	11.543	6.810	0.59	2.043	11.305	6.670	0.59	2.161	11.020	6.502	0.59	2.304
28	16	9.405	9.311	0.99	1.900	9.120	9.029	0.99	2.007	8.835	8.747	0.99	2.126
28	18	10.070	8.761	0.87	1.936	9.785	8.513	0.87	2.043	9.453	8.224	0.87	2.185
28	20	10.830	8.123	0.75	1.995	10.593	7.945	0.75	2.090	10.308	7.731	0.75	2.233
28	22	11.543	7.272	0.63	2.043	11.305	7.122	0.63	2.161	11.020	6.943	0.63	2.304
30	16	9.405	9.405	1.00	1.900	9.120	9.120	1.00	2.007	8.835	8.835	1.00	2.126
30	18	10.070	9.567	0.95	1.936	9.785	9.296	0.95	2.043	9.453	8.980	0.95	2.185
30	20	10.830	8.989	0.83	1.995	10.593	8.792	0.83	2.090	10.308	8.556	0.83	2.233
30	22	11.543	8.196	0.71	2.043	11.305	8.027	0.71	2.161	11.020	7.824	0.71	2.304
32	16	9.405	9.405	1.00	1.900	9.120	9.120	1.00	2.007	8.835	8.835	1.00	2.126
32	18	10.070	10.070	1.00	1.936	9.785	9.785	1.00	2.043	9.453	9.453	1.00	2.185
32	20	10.830	9.855	0.91	1.995	10.593	9.640	0.91	2.090	10.308	9.380	0.91	2.233
32	22	11.543	9.119	0.79	2.043	11.305	8.931	0.79	2.161	11.020	8.706	0.79	2.304
34	16	9.405	9.405	1.00	1.900	9.120	9.120	1.00	2.007	8.835	8.835	1.00	2.126
34	18	10.070	10.070	1.00	1.936	9.785	9.785	1.00	2.043	9.453	9.453	1.00	2.185
34	20	10.830	10.722	0.99	1.995	10.593	10.487	0.99	2.090	10.308	10.205	0.99	2.233
34	22	11.543	10.042	0.87	2.043	11.305	9.835	0.87	2.161	11.020	9.587	0.87	2.304

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.246	6.458	6.393	0.99	2.435	6.291	6.228	0.99	2.623
14	8	6.727	6.189	0.92	2.250	6.505	5.985	0.92	2.440	6.328	5.822	0.92	2.627
14	9	7.007	5.886	0.84	2.268	6.767	5.684	0.84	2.462	6.569	5.518	0.84	2.653
16	8	6.945	6.876	0.99	2.265	6.737	6.670	0.99	2.459	6.565	6.499	0.99	2.653
16	9	7.059	6.353	0.90	2.272	6.819	6.137	0.90	2.466	6.628	5.965	0.90	2.659
16	11	7.384	6.055	0.82	2.291	7.133	5.849	0.82	2.491	6.922	5.676	0.82	2.689
18	10	7.233	7.088	0.98	2.282	7.021	6.881	0.98	2.483	6.843	6.706	0.98	2.681
18	11	7.413	6.598	0.89	2.292	7.161	6.373	0.89	2.493	6.950	6.186	0.89	2.692
18	12	7.779	6.223	0.80	2.311	7.516	6.013	0.80	2.519	7.292	5.834	0.80	2.724
20	16	8.455	5.665	0.67	2.280	8.075	5.410	0.67	2.446	7.695	5.156	0.67	2.648
20	18	9.120	5.016	0.55	2.339	8.835	4.859	0.55	2.518	8.265	4.546	0.55	2.708
20	20	9.880	4.248	0.43	2.399	9.500	4.085	0.43	2.565	8.930	3.840	0.43	2.755
22	16	8.455	6.341	0.75	2.280	8.075	6.056	0.75	2.446	7.695	5.771	0.75	2.648
22	18	9.120	5.746	0.63	2.339	8.835	5.566	0.63	2.518	8.265	5.207	0.63	2.708
22	20	9.880	5.039	0.51	2.399	9.500	4.845	0.51	2.565	8.930	4.554	0.51	2.755
24	16	8.455	7.018	0.83	2.280	8.075	6.702	0.83	2.446	7.695	6.387	0.83	2.648
24	18	9.120	6.475	0.71	2.339	8.835	6.273	0.71	2.518	8.265	5.868	0.71	2.708
24	20	9.880	5.829	0.59	2.399	9.500	5.605	0.59	2.565	8.930	5.269	0.59	2.755
24	22	10.640	5.001	0.47	2.446	10.260	4.822	0.47	2.636	9.690	4.554	0.47	2.803
26	16	8.455	7.694	0.91	2.280	8.075	7.348	0.91	2.446	7.695	7.002	0.91	2.648
26	18	9.120	7.205	0.79	2.339	8.835	6.980	0.79	2.518	8.265	6.529	0.79	2.708
26	20	9.880	6.620	0.67	2.399	9.500	6.365	0.67	2.565	8.930	5.983	0.67	2.755
26	22	10.640	5.852	0.55	2.446	10.260	5.643	0.55	2.636	9.690	5.330	0.55	2.803
27	16	8.455	8.032	0.95	2.280	8.075	7.671	0.95	2.446	7.695	7.310	0.95	2.648
27	18	9.120	7.570	0.83	2.339	8.835	7.333	0.83	2.518	8.265	6.860	0.83	2.708
27	20	9.880	7.015	0.71	2.399	9.500	6.745	0.71	2.565	8.930	6.340	0.71	2.755
27	22	10.640	6.278	0.59	2.446	10.260	6.053	0.59	2.636	9.690	5.717	0.59	2.803
28	16	8.455	8.370	0.99	2.280	8.075	7.994	0.99	2.446	7.695	7.618	0.99	2.648
28	18	9.120	7.934	0.87	2.339	8.835	7.686	0.87	2.518	8.265	7.191	0.87	2.708
28	20	9.880	7.410	0.75	2.399	9.500	7.125	0.75	2.565	8.930	6.698	0.75	2.755
28	22	10.640	6.703	0.63	2.446	10.260	6.464	0.63	2.636	9.690	6.105	0.63	2.803
30	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
30	18	9.120	8.664	0.95	2.339	8.835	8.393	0.95	2.518	8.265	7.852	0.95	2.708
30	20	9.880	8.200	0.83	2.399	9.500	7.885	0.83	2.565	8.930	7.412	0.83	2.755
30	22	10.640	7.554	0.71	2.446	10.260	7.285	0.71	2.636	9.690	6.880	0.71	2.803
32	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
32	18	9.120	9.120	1.00	2.339	8.835	8.835	1.00	2.518	8.265	8.265	1.00	2.708
32	20	9.880	8.991	0.91	2.399	9.500	8.645	0.91	2.565	8.930	8.126	0.91	2.755
32	22	10.640	8.406	0.79	2.446	10.260	8.105	0.79	2.636	9.690	7.655	0.79	2.803
34	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
34	18	9.120	9.120	1.00	2.339	8.835	8.835	1.00	2.518	8.265	8.265	1.00	2.708
34	20	9.880	9.781	0.99	2.399	9.500	9.405	0.99	2.565	8.930	8.841	0.99	2.755

COOLING CAPACITY
PCA-M125KA2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.886	0.94	2.820	9.232	8.678	0.94	3.080	9.010	8.469	0.94	3.340
14	8	9.654	8.399	0.87	2.819	9.396	8.175	0.87	3.083	9.138	7.950	0.87	3.348
14	9	10.053	7.942	0.79	2.814	9.784	7.729	0.79	3.090	9.515	7.517	0.79	3.367
16	8	9.848	9.257	0.94	2.815	9.620	9.043	0.94	3.088	9.392	8.828	0.94	3.361
16	9	10.126	8.607	0.85	2.813	9.856	8.378	0.85	3.092	9.586	8.148	0.85	3.371
16	11	10.592	8.156	0.77	2.806	10.308	7.937	0.77	3.099	10.025	7.719	0.77	3.392
18	10	10.256	9.538	0.93	2.810	10.017	9.316	0.93	3.095	9.777	9.093	0.93	3.380
18	11	10.632	8.931	0.84	2.807	10.347	8.691	0.84	3.100	10.062	8.452	0.84	3.393
18	12	11.164	8.373	0.75	2.797	10.861	8.146	0.75	3.105	10.558	7.919	0.75	3.412
20	16	12.375	7.673	0.62	3.077	12.000	7.440	0.62	3.250	11.625	7.208	0.62	3.442
20	18	13.250	6.625	0.50	3.134	12.875	6.438	0.50	3.308	12.438	6.219	0.50	3.538
20	20	14.250	5.415	0.38	3.231	13.938	5.296	0.38	3.384	13.563	5.154	0.38	3.615
22	16	12.375	8.663	0.70	3.077	12.000	8.400	0.70	3.250	11.625	8.138	0.70	3.442
22	18	13.250	7.685	0.58	3.134	12.875	7.468	0.58	3.308	12.438	7.214	0.58	3.538
22	20	14.250	6.555	0.46	3.231	13.938	6.411	0.46	3.384	13.563	6.239	0.46	3.615
24	16	12.375	9.653	0.78	3.077	12.000	9.360	0.78	3.250	11.625	9.068	0.78	3.442
24	18	13.250	8.745	0.66	3.134	12.875	8.498	0.66	3.308	12.438	8.209	0.66	3.538
24	20	14.250	7.695	0.54	3.231	13.938	7.527	0.54	3.384	13.563	7.324	0.54	3.615
24	22	15.188	6.379	0.42	3.308	14.875	6.248	0.42	3.500	14.500	6.090	0.42	3.731
26	16	12.375	10.643	0.86	3.077	12.000	10.320	0.86	3.250	11.625	9.998	0.86	3.442
26	18	13.250	9.805	0.74	3.134	12.875	9.528	0.74	3.308	12.438	9.204	0.74	3.538
26	20	14.250	8.835	0.62	3.231	13.938	8.642	0.62	3.384	13.563	8.409	0.62	3.615
26	22	15.188	7.594	0.50	3.308	14.875	7.438	0.50	3.500	14.500	7.250	0.50	3.731
27	16	12.375	11.138	0.90	3.077	12.000	10.800	0.90	3.250	11.625	10.463	0.90	3.442
27	18	13.250	10.335	0.78	3.134	12.875	10.043	0.78	3.308	12.438	9.702	0.78	3.538
27	20	14.250	9.405	0.66	3.231	13.938	9.199	0.66	3.384	13.563	8.952	0.66	3.615
27	22	15.188	8.202	0.54	3.308	14.875	8.033	0.54	3.500	14.500	7.830	0.54	3.731
28	16	12.375	11.633	0.94	3.077	12.000	11.280	0.94	3.250	11.625	10.928	0.94	3.442
28	18	13.250	10.865	0.82	3.134	12.875	10.558	0.82	3.308	12.438	10.199	0.82	3.538
28	20	14.250	9.975	0.70	3.231	13.938	9.757	0.70	3.384	13.563	9.494	0.70	3.615
28	22	15.188	8.809	0.58	3.308	14.875	8.628	0.58	3.500	14.500	8.410	0.58	3.731
30	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
30	18	13.250	11.925	0.90	3.134	12.875	11.588	0.90	3.308	12.438	11.194	0.90	3.538
30	20	14.250	11.115	0.78	3.231	13.938	10.872	0.78	3.384	13.563	10.579	0.78	3.615
30	22	15.188	10.024	0.66	3.308	14.875	9.818	0.66	3.500	14.500	9.570	0.66	3.731
32	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
32	18	13.250	12.985	0.98	3.134	12.875	12.618	0.98	3.308	12.438	12.189	0.98	3.538
32	20	14.250	12.255	0.86	3.231	13.938	11.987	0.86	3.384	13.563	11.664	0.86	3.615
32	22	15.188	11.239	0.74	3.308	14.875	11.008	0.74	3.500	14.500	10.730	0.74	3.731
34	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
34	18	13.250	13.250	1.00	3.134	12.875	12.875	1.00	3.308	12.438	12.438	1.00	3.538
34	20	14.250	13.395	0.94	3.231	13.938	13.102	0.94	3.384	13.563	12.749	0.94	3.615
34	22	15.188	12.454	0.82	3.308	14.875	12.198	0.82	3.500	14.500	11.890	0.82	3.731

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.637	8.497	7.987	0.94	3.944	8.278	7.781	0.94	4.247
14	8	8.851	7.700	0.87	3.644	8.559	7.446	0.87	3.951	8.326	7.244	0.87	4.254
14	9	9.220	7.284	0.79	3.673	8.904	7.034	0.79	3.987	8.643	6.828	0.79	4.297
16	8	9.138	8.590	0.94	3.667	8.865	8.333	0.94	3.983	8.638	8.120	0.94	4.296
16	9	9.288	7.895	0.85	3.679	8.973	7.627	0.85	3.993	8.721	7.413	0.85	4.306
16	11	9.716	7.481	0.77	3.709	9.385	7.226	0.77	4.034	9.108	7.013	0.77	4.354
18	10	9.517	8.851	0.93	3.695	9.239	8.592	0.93	4.020	9.003	8.373	0.93	4.341
18	11	9.754	8.193	0.84	3.712	9.422	7.914	0.84	4.037	9.145	7.682	0.84	4.359
18	12	10.236	7.677	0.75	3.742	9.890	7.418	0.75	4.079	9.595	7.196	0.75	4.411
20	16	11.125	6.898	0.62	3.692	10.625	6.588	0.62	3.961	10.125	6.278	0.62	4.288
20	18	12.000	6.000	0.50	3.788	11.625	5.813	0.50	4.077	10.875	5.438	0.50	4.384
20	20	13.000	4.940	0.38	3.884	12.500	4.750	0.38	4.154	11.750	4.465	0.38	4.461
22	16	11.125	7.788	0.70	3.692	10.625	7.438	0.70	3.961	10.125	7.088	0.70	4.288
22	18	12.000	6.960	0.58	3.788	11.625	6.743	0.58	4.077	10.875	6.308	0.58	4.384
22	20	13.000	5.980	0.46	3.884	12.500	5.750	0.46	4.154	11.750	5.405	0.46	4.461
24	16	11.125	8.678	0.78	3.692	10.625	8.288	0.78	3.961	10.125	7.898	0.78	4.288
24	18	12.000	7.920	0.66	3.788	11.625	7.673	0.66	4.077	10.875	7.178	0.66	4.384
24	20	13.000	7.020	0.54	3.884	12.500	6.750	0.54	4.154	11.750	6.345	0.54	4.461
24	22	14.000	5.880	0.42	3.961	13.500	5.670	0.42	4.269	12.750	5.355	0.42	4.538
26	16	11.125	9.568	0.86	3.692	10.625	9.138	0.86	3.961	10.125	8.708	0.86	4.288
26	18	12.000	8.880	0.74	3.788	11.625	8.603	0.74	4.077	10.875	8.048	0.74	4.384
26	20	13.000	8.060	0.62	3.884	12.500	7.750	0.62	4.154	11.750	7.285	0.62	4.461
26	22	14.000	7.000	0.50	3.961	13.500	6.750	0.50	4.269	12.750	6.375	0.50	4.538
27	16	11.125	10.013	0.90	3.692	10.625	9.563	0.90	3.961	10.125	9.113	0.90	4.288
27	18	12.000	9.360	0.78	3.788	11.625	9.068	0.78	4.077	10.875	8.483	0.78	4.384
27	20	13.000	8.580	0.66	3.884	12.500	8.250	0.66	4.154	11.750	7.755	0.66	4.461
27	22	14.000	7.560	0.54	3.961	13.500	7.290	0.54	4.269	12.750	6.885	0.54	4.538
28	16	11.125	10.458	0.94	3.692	10.625	9.988	0.94	3.961	10.125	9.518	0.94	4.288
28	18	12.000	9.840	0.82	3.788	11.625	9.533	0.82	4.077	10.875	8.918	0.82	4.384
28	20	13.000	9.100	0.70	3.884	12.500	8.750	0.70	4.154	11.750	8.225	0.70	4.461
28	22	14.000	8.120	0.58	3.961	13.500	7.830	0.58	4.269	12.750	7.395	0.58	4.538
30	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
30	18	12.000	10.800	0.90	3.788	11.625	10.463	0.90	4.077	10.875	9.788	0.90	4.384
30	20	13.000	10.140	0.78	3.884	12.500	9.750	0.78	4.154	11.750	9.165	0.78	4.461
30	22	14.000	9.240	0.66	3.961	13.500	8.910	0.66	4.269	12.750	8.415	0.66	4.538
32	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
32	18	12.000	11.760	0.98	3.788	11.625	11.393	0.98	4.077	10.875	10.658	0.98	4.384
32	20	13.000	11.180	0.86	3.884	12.500	10.750	0.86	4.154	11.750	10.105	0.86	4.461
32	22	14.000	10.360	0.74	3.961	13.500	9.990	0.74	4.269	12.750	9.435	0.74	4.538
34	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
34	18	12.000	12.000	1.00	3.788	11.625							

COOLING CAPACITY
PCA-M140KA2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.525	0.94	2.889	9.896	9.302	0.94	3.156	9.659	9.079	0.94	3.422
14	8	10.349	9.004	0.87	2.888	10.072	8.763	0.87	3.160	9.796	8.523	0.87	3.431
14	9	10.777	8.514	0.79	2.883	10.489	8.286	0.79	3.167	10.201	8.059	0.79	3.450
16	8	10.557	9.924	0.94	2.885	10.313	9.694	0.94	3.164	10.068	9.464	0.94	3.444
16	9	10.855	9.227	0.85	2.882	10.566	8.981	0.85	3.168	10.276	8.735	0.85	3.454
16	11	11.355	8.743	0.77	2.875	11.051	8.509	0.77	3.175	10.746	8.274	0.77	3.476
18	10	10.994	10.224	0.93	2.880	10.738	9.986	0.93	3.172	10.481	9.747	0.93	3.463
18	11	11.398	9.574	0.84	2.876	11.092	9.317	0.84	3.176	10.787	9.061	0.84	3.477
18	12	11.968	8.976	0.75	2.867	11.643	8.732	0.75	3.181	11.319	8.489	0.75	3.496
20	16	13.266	8.225	0.62	3.153	12.864	7.976	0.62	3.330	12.462	7.726	0.62	3.527
20	18	14.204	7.102	0.50	3.212	13.802	6.901	0.50	3.389	13.333	6.667	0.50	3.626
20	20	15.276	5.805	0.38	3.310	14.941	5.678	0.38	3.468	14.539	5.525	0.38	3.705
22	16	13.266	9.286	0.70	3.153	12.864	9.005	0.70	3.330	12.462	8.723	0.70	3.527
22	18	14.204	8.238	0.58	3.212	13.802	8.005	0.58	3.389	13.333	7.733	0.58	3.626
22	20	15.276	7.027	0.46	3.310	14.941	6.873	0.46	3.468	14.539	6.688	0.46	3.705
24	16	13.266	10.347	0.78	3.153	12.864	10.034	0.78	3.330	12.462	9.720	0.78	3.527
24	18	14.204	9.375	0.66	3.212	13.802	9.109	0.66	3.389	13.333	8.800	0.66	3.626
24	20	15.276	8.249	0.54	3.310	14.941	8.068	0.54	3.468	14.539	7.851	0.54	3.705
24	22	16.281	6.838	0.42	3.389	15.946	6.697	0.42	3.586	15.544	6.528	0.42	3.823
26	16	13.266	11.409	0.86	3.153	12.864	11.063	0.86	3.330	12.462	10.717	0.86	3.527
26	18	14.204	10.511	0.74	3.212	13.802	10.213	0.74	3.389	13.333	9.866	0.74	3.626
26	20	15.276	9.471	0.62	3.310	14.941	9.263	0.62	3.468	14.539	9.014	0.62	3.705
26	22	16.281	8.141	0.50	3.389	15.946	7.973	0.50	3.586	15.544	7.772	0.50	3.823
27	16	13.266	11.939	0.90	3.153	12.864	11.578	0.90	3.330	12.462	11.216	0.90	3.527
27	18	14.204	11.079	0.78	3.212	13.802	10.766	0.78	3.389	13.333	10.400	0.78	3.626
27	20	15.276	10.082	0.66	3.310	14.941	9.861	0.66	3.468	14.539	9.596	0.66	3.705
27	22	16.281	8.792	0.54	3.389	15.946	8.611	0.54	3.586	15.544	8.394	0.54	3.823
28	16	13.266	12.470	0.94	3.153	12.864	12.092	0.94	3.330	12.462	11.714	0.94	3.527
28	18	14.204	11.647	0.82	3.212	13.802	11.318	0.82	3.389	13.333	10.933	0.82	3.626
28	20	15.276	10.693	0.70	3.310	14.941	10.459	0.70	3.468	14.539	10.177	0.70	3.705
28	22	16.281	9.443	0.58	3.389	15.946	9.249	0.58	3.586	15.544	9.016	0.58	3.823
30	16	13.266	13.266	1.00	3.153	12.864	12.864	1.00	3.330	12.462	12.462	1.00	3.527
30	18	14.204	12.784	0.90	3.212	13.802	12.422	0.90	3.389	13.333	12.000	0.90	3.626
30	20	15.276	11.915	0.78	3.310	14.941	11.654	0.78	3.468	14.539	11.340	0.78	3.705
30	22	16.281	10.745	0.66	3.389	15.946	10.524	0.66	3.586	15.544	10.259	0.66	3.823
32	16	13.266	13.266	1.00	3.153	12.864	12.864	1.00	3.330	12.462	12.462	1.00	3.527
32	18	14.204	13.920	0.98	3.212	13.802	13.526	0.98	3.389	13.333	13.066	0.98	3.626
32	20	15.276	13.137	0.86	3.310	14.941	12.849	0.86	3.468	14.539	12.504	0.86	3.705
32	22	16.281	12.048	0.74	3.389	15.946	11.800	0.74	3.586	15.544	11.503	0.74	3.823
34	16	13.266	13.266	1.00	3.153	12.864	12.864	1.00	3.330	12.462	12.462	1.00	3.527
34	18	14.204	14.204	1.00	3.212	13.802	13.802	1.00	3.389	13.333	13.333	1.00	3.626
34	20	15.276	14.359	0.94	3.310	14.941	14.045	0.94	3.468	14.539	13.667	0.94	3.705
34	22	16.281	13.350	0.82	3.389	15.946	13.076	0.82	3.586	15.544	12.746	0.82	3.823

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.830	0.94	3.726	9.109	8.562	0.94	4.041	8.874	8.342	0.94	4.352
14	8	9.488	8.255	0.87	3.734	9.175	7.982	0.87	4.048	8.926	7.766	0.87	4.359
14	9	9.883	7.808	0.79	3.764	9.545	7.541	0.79	4.086	9.265	7.319	0.79	4.403
16	8	9.796	9.208	0.94	3.758	9.503	8.933	0.94	4.081	9.260	8.704	0.94	4.402
16	9	9.957	8.463	0.85	3.770	9.619	8.176	0.85	4.092	9.348	7.946	0.85	4.413
16	11	10.415	8.020	0.77	3.801	10.061	7.747	0.77	4.134	9.764	7.518	0.77	4.462
18	10	10.203	9.489	0.93	3.787	9.904	9.211	0.93	4.119	9.652	8.976	0.93	4.449
18	11	10.456	8.783	0.84	3.804	10.100	8.484	0.84	4.136	9.803	8.235	0.84	4.467
18	12	10.973	8.230	0.75	3.835	10.602	7.952	0.75	4.180	10.286	7.715	0.75	4.520
20	16	11.926	7.394	0.62	3.783	11.390	7.062	0.62	4.059	10.854	6.729	0.62	4.394
20	18	12.864	6.432	0.50	3.882	12.462	6.231	0.50	4.177	11.658	5.829	0.50	4.493
20	20	13.936	5.296	0.38	3.980	13.400	5.092	0.38	4.256	12.596	4.786	0.38	4.572
22	16	11.926	8.348	0.70	3.783	11.390	7.973	0.70	4.059	10.854	7.598	0.70	4.394
22	18	12.864	7.461	0.58	3.882	12.462	7.228	0.58	4.177	11.658	6.762	0.58	4.493
22	20	13.936	6.411	0.46	3.980	13.400	6.164	0.46	4.256	12.596	5.794	0.46	4.572
24	16	11.926	9.302	0.78	3.783	11.390	8.884	0.78	4.059	10.854	8.466	0.78	4.394
24	18	12.864	8.490	0.66	3.882	12.462	8.225	0.66	4.177	11.658	7.694	0.66	4.493
24	20	13.936	7.525	0.54	3.980	13.400	7.236	0.54	4.256	12.596	6.802	0.54	4.572
24	22	15.008	6.303	0.42	4.059	14.472	6.078	0.42	4.375	13.668	5.741	0.42	4.650
26	16	11.926	10.256	0.86	3.783	11.390	9.795	0.86	4.059	10.854	9.334	0.86	4.394
26	18	12.864	9.519	0.74	3.882	12.462	9.222	0.74	4.177	11.658	8.627	0.74	4.493
26	20	13.936	8.640	0.62	3.980	13.400	8.308	0.62	4.256	12.596	7.810	0.62	4.572
26	22	15.008	7.504	0.50	4.059	14.472	7.236	0.50	4.375	13.668	6.834	0.50	4.650
27	16	11.926	10.733	0.90	3.783	11.390	10.251	0.90	4.059	10.854	9.769	0.90	4.394
27	18	12.864	10.034	0.78	3.882	12.462	9.720	0.78	4.177	11.658	9.093	0.78	4.493
27	20	13.936	9.198	0.66	3.980	13.400	8.844	0.66	4.256	12.596	8.313	0.66	4.572
27	22	15.008	8.104	0.54	4.059	14.472	7.815	0.54	4.375	13.668	7.381	0.54	4.650
28	16	11.926	11.210	0.94	3.783	11.390	10.707	0.94	4.059	10.854	10.203	0.94	4.394
28	18	12.864	10.548	0.82	3.882	12.462	10.219	0.82	4.177	11.658	9.560	0.82	4.493
28	20	13.936	9.755	0.70	3.980	13.400	9.380	0.70	4.256	12.596	8.817	0.70	4.572
28	22	15.008	8.705	0.58	4.059	14.472	8.394	0.58	4.375	13.668	7.927	0.58	4.650
30	16	11.926	11.926	1.00	3.783	11.390	11.390	1.00	4.059	10.854	10.854	1.00	4.394
30	18	12.864	11.578	0.90	3.882	12.462	11.216	0.90	4.177	11.658	10.492	0.90	4.493
30	20	13.936	10.870	0.78	3.980	13.400	10.452	0.78	4.256	12.596	9.825	0.78	4.572
30	22	15.008	9.905	0.66	4.059	14.472	9.552	0.66	4.375	13.668	9.021	0.66	4.650
32	16	11.926	11.926	1.00	3.783	11.390	11.390	1.00	4.059	10.854	10.854	1.00	4.394
32	18	12.864	12.607	0.98	3.882	12.462	12.213	0.98	4.177	11.658	11.425	0.98	4.493
32	20	13.936	11.985	0.86	3.980	13.400	11.524	0.86	4.256	12.596	10.833	0.86	4.572
32	22	15.008	11.106	0.74	4.059	14.472	10.709	0.74	4.375	13.668	10.114	0.74	4.650
34	16	11.926	11.926	1.00	3.783	11.390	11.390	1.00	4.059	10.854	10.854	1.00	4.394
34	18	12.864											

COOLING CAPACITY
PCA-M35KA2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.961	0.70	0.720	4.050	2.835	0.70	0.756	3.888	2.722	0.70	0.792	3.744	2.621	0.70	0.828
21	20	4.410	2.558	0.58	0.756	4.230	2.453	0.58	0.801	4.104	2.380	0.58	0.819	3.960	2.297	0.58	0.855
22	18	4.230	3.130	0.74	0.720	4.050	2.997	0.74	0.756	3.888	2.877	0.74	0.792	3.744	2.771	0.74	0.828
22	20	4.410	2.734	0.62	0.756	4.230	2.623	0.62	0.801	4.104	2.544	0.62	0.819	3.960	2.455	0.62	0.855
22	22	4.590	2.295	0.50	0.783	4.428	2.214	0.50	0.833	4.320	2.160	0.50	0.855	4.140	2.070	0.50	0.891
23	18	4.230	3.299	0.78	0.720	4.050	3.159	0.78	0.756	3.888	3.033	0.78	0.792	3.744	2.920	0.78	0.828
23	20	4.410	2.911	0.66	0.756	4.230	2.792	0.66	0.801	4.104	2.709	0.66	0.819	3.960	2.614	0.66	0.855
23	22	4.590	2.479	0.54	0.783	4.428	2.391	0.54	0.833	4.320	2.333	0.54	0.855	4.140	2.236	0.54	0.891
24	18	4.230	3.469	0.82	0.720	4.050	3.321	0.82	0.756	3.888	3.188	0.82	0.792	3.744	3.070	0.82	0.828
24	20	4.410	3.087	0.70	0.756	4.230	2.961	0.70	0.801	4.104	2.873	0.70	0.819	3.960	2.772	0.70	0.855
24	22	4.590	2.662	0.58	0.783	4.428	2.568	0.58	0.833	4.320	2.506	0.58	0.855	4.140	2.401	0.58	0.891
24	24	4.824	2.219	0.46	0.819	4.644	2.136	0.46	0.864	4.536	2.087	0.46	0.891	4.392	2.020	0.46	0.936
25	20	4.410	3.263	0.74	0.756	4.230	3.130	0.74	0.801	4.104	3.037	0.74	0.819	3.960	2.930	0.74	0.855
25	22	4.590	2.846	0.62	0.783	4.428	2.745	0.62	0.833	4.320	2.678	0.62	0.855	4.140	2.567	0.62	0.891
25	24	4.824	2.412	0.50	0.819	4.644	2.322	0.50	0.864	4.536	2.288	0.50	0.891	4.392	2.196	0.50	0.936
26	18	4.230	3.807	0.90	0.720	4.050	3.645	0.90	0.756	3.888	3.499	0.90	0.792	3.744	3.370	0.90	0.828
26	20	4.410	3.440	0.78	0.756	4.230	3.299	0.78	0.801	4.104	3.201	0.78	0.819	3.960	3.089	0.78	0.855
26	22	4.590	3.029	0.66	0.783	4.428	2.922	0.66	0.833	4.320	2.851	0.66	0.855	4.140	2.732	0.66	0.891
26	24	4.824	2.605	0.54	0.819	4.644	2.508	0.54	0.864	4.536	2.449	0.54	0.891	4.392	2.372	0.54	0.936
26	26	4.968	2.087	0.42	0.864	4.824	2.026	0.42	0.909	4.752	1.996	0.42	0.936	4.608	1.935	0.42	0.963
27	18	4.230	3.976	0.94	0.720	4.050	3.807	0.94	0.756	3.888	3.655	0.94	0.792	3.744	3.519	0.94	0.828
27	20	4.410	3.616	0.82	0.756	4.230	3.469	0.82	0.801	4.104	3.365	0.82	0.819	3.960	3.247	0.82	0.855
27	22	4.590	3.213	0.70	0.783	4.428	3.100	0.70	0.833	4.320	3.024	0.70	0.855	4.140	2.898	0.70	0.891
27	24	4.824	2.798	0.58	0.819	4.644	2.694	0.58	0.864	4.536	2.631	0.58	0.891	4.392	2.547	0.58	0.936
27	26	4.968	2.285	0.46	0.864	4.824	2.219	0.46	0.909	4.752	2.186	0.46	0.936	4.608	2.120	0.46	0.963
28	18	4.230	4.145	0.98	0.720	4.050	3.969	0.98	0.756	3.888	3.810	0.98	0.792	3.744	3.669	0.98	0.828
28	20	4.410	3.793	0.86	0.756	4.230	3.638	0.86	0.801	4.104	3.529	0.86	0.819	3.960	3.406	0.86	0.855
28	22	4.590	3.397	0.74	0.783	4.428	3.277	0.74	0.833	4.320	3.197	0.74	0.855	4.140	3.064	0.74	0.891
28	24	4.824	2.991	0.62	0.819	4.644	2.879	0.62	0.864	4.536	2.812	0.62	0.891	4.392	2.723	0.62	0.936
28	26	4.968	2.484	0.50	0.864	4.824	2.412	0.50	0.909	4.752	2.376	0.50	0.936	4.608	2.304	0.50	0.963
29	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
29	20	4.410	3.969	0.90	0.756	4.230	3.807	0.90	0.801	4.104	3.694	0.90	0.819	3.960	3.564	0.90	0.855
29	22	4.590	3.580	0.78	0.783	4.428	3.454	0.78	0.833	4.320	3.370	0.78	0.855	4.140	3.229	0.78	0.891
29	24	4.824	3.184	0.66	0.819	4.644	3.065	0.66	0.864	4.536	2.994	0.66	0.891	4.392	2.899	0.66	0.936
29	26	4.968	2.683	0.54	0.864	4.824	2.605	0.54	0.909	4.752	2.566	0.54	0.936	4.608	2.488	0.54	0.963
30	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
30	20	4.410	4.145	0.94	0.756	4.230	3.976	0.94	0.801	4.104	3.858	0.94	0.819	3.960	3.722	0.94	0.855
30	22	4.590	3.764	0.82	0.783	4.428	3.631	0.82	0.833	4.320	3.542	0.82	0.855	4.140	3.395	0.82	0.891
30	24	4.824	3.377	0.70	0.819	4.644	3.251	0.70	0.864	4.536	3.175	0.70	0.891	4.392	3.074	0.70	0.936
30	26	4.968	2.881	0.58	0.864	4.824	2.798	0.58	0.909	4.752	2.756	0.58	0.936	4.608	2.673	0.58	0.963
31	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
31	20	4.410	4.322	0.98	0.756	4.230	4.145	0.98	0.801	4.104	4.022	0.98	0.819	3.960	3.881	0.98	0.855
31	22	4.590	3.947	0.86	0.783	4.428	3.808	0.86	0.833	4.320	3.715	0.86	0.855	4.140	3.560	0.86	0.891
31	24	4.824	3.570	0.74	0.819	4.644	3.437	0.74	0.864	4.536	3.357	0.74	0.891	4.392	3.250	0.74	0.936
31	26	4.968	3.080	0.62	0.864	4.824	2.991	0.62	0.909	4.752	2.946	0.62	0.936	4.608	2.857	0.62	0.963
32	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
32	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
32	22	4.590	4.131	0.90	0.783	4.428	3.985	0.90	0.833	4.320	3.888	0.90	0.855	4.140	3.726	0.90	0.891
32	24	4.824	3.763	0.78	0.819	4.644	3.622	0.78	0.864	4.536	3.538	0.78	0.891	4.392	3.426	0.78	0.936
32	26	4.968	3.279	0.66	0.864	4.824	3.184	0.66	0.909	4.752	3.136	0.66	0.936	4.608	3.041	0.66	0.963

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-M35VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.470	0.70	0.882	3.240	2.268	0.70	0.936	2.988	2.092	0.70	0.972
21	20	3.708	2.151	0.58	0.918	3.456	2.004	0.58	0.963	3.204	1.858	0.58	1.017
22	18	3.528	2.611	0.74	0.882	3.240	2.398	0.74	0.936	2.988	2.211	0.74	0.972
22	20	3.708	2.299	0.62	0.918	3.456	2.143	0.62	0.963	3.204	1.986	0.62	1.017
22	22	3.924	1.962	0.50	0.954	3.672	1.836	0.50	1.008	3.420	1.710	0.50	1.044
23	18	3.528	2.752	0.78	0.882	3.240	2.527	0.78	0.936	2.988	2.331	0.78	0.972
23	20	3.708	2.447	0.66	0.918	3.456	2.281	0.66	0.963	3.204	2.115	0.66	1.017
23	22	3.924	2.119	0.54	0.954	3.672	1.983	0.54	1.008	3.420	1.847	0.54	1.044
24	18	3.528	2.893	0.82	0.882	3.240	2.657	0.82	0.936	2.988	2.450	0.82	0.972
24	20	3.708	2.596	0.70	0.918	3.456	2.419	0.70	0.963	3.204	2.243	0.70	1.017
24	22	3.924	2.276	0.58	0.954	3.672	2.130	0.58	1.008	3.420	1.984	0.58	1.044
24	24	4.140	1.904	0.46	0.990	3.888	1.788	0.46	1.035	3.672	1.689	0.46	1.080
25	20	3.708	2.744	0.74	0.918	3.456	2.557	0.74	0.963	3.204	2.371	0.74	1.017
25	22	3.924	2.433	0.62	0.954	3.672	2.277	0.62	1.008	3.420	2.120	0.62	1.044
25	24	4.140	2.070	0.50	0.990	3.888	1.944	0.50	1.035	3.672	1.836	0.50	1.080
26	18	3.528	3.175	0.90	0.882	3.240	2.916	0.90	0.936	2.988	2.689	0.90	0.972
26	20	3.708	2.892	0.78	0.918	3.456	2.696	0.78	0.963	3.204	2.499	0.78	1.017
26	22	3.924	2.590	0.66	0.954	3.672	2.424	0.66	1.008	3.420	2.257	0.66	1.044
26	24	4.140	2.236	0.54	0.990	3.888	2.100	0.54	1.035	3.672	1.983	0.54	1.080
26	26	4.356	1.830	0.42	1.026	4.104	1.724	0.42	1.071	3.852	1.618	0.42	1.116
27	18	3.528	3.316	0.94	0.882	3.240	3.046	0.94	0.936	2.988	2.809	0.94	0.972
27	20	3.708	3.041	0.82	0.918	3.456	2.834	0.82	0.963	3.204	2.627	0.82	1.017
27	22	3.924	2.747	0.70	0.954	3.672	2.570	0.70	1.008	3.420	2.394	0.70	1.044
27	24	4.140	2.401	0.58	0.990	3.888	2.255	0.58	1.035	3.672	2.130	0.58	1.080
27	26	4.356	2.004	0.46	1.026	4.104	1.888	0.46	1.071	3.852	1.772	0.46	1.116
28	18	3.528	3.457	0.98	0.882	3.240	3.175	0.98	0.936	2.988	2.928	0.98	0.972
28	20	3.708	3.189	0.86	0.918	3.456	2.972	0.86	0.963	3.204	2.755	0.86	1.017
28	22	3.924	2.904	0.74	0.954	3.672	2.717	0.74	1.008	3.420	2.531	0.74	1.044
28	24	4.140	2.567	0.62	0.990	3.888	2.411	0.62	1.035	3.672	2.277	0.62	1.080
28	26	4.356	2.178	0.50	1.026	4.104	2.052	0.50	1.071	3.852	1.926	0.50	1.116
29	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
29	20	3.708	3.337	0.90	0.918	3.456	3.110	0.90	0.963	3.204	2.884	0.90	1.017
29	22	3.924	3.061	0.78	0.954	3.672	2.864	0.78	1.008	3.420	2.668	0.78	1.044
29	24	4.140	2.732	0.66	0.990	3.888	2.566	0.66	1.035	3.672	2.424	0.66	1.080
29	26	4.356	2.352	0.54	1.026	4.104	2.216	0.54	1.071	3.852	2.080	0.54	1.116
30	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
30	20	3.708	3.486	0.94	0.918	3.456	3.249	0.94	0.963	3.204	3.012	0.94	1.017
30	22	3.924	3.218	0.82	0.954	3.672	3.011	0.82	1.008	3.420	2.804	0.82	1.044
30	24	4.140	2.898	0.70	0.990	3.888	2.722	0.70	1.035	3.672	2.570	0.70	1.080
30	26	4.356	2.526	0.58	1.026	4.104	2.380	0.58	1.071	3.852	2.234	0.58	1.116
31	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
31	20	3.708	3.634	0.98	0.918	3.456	3.387	0.98	0.963	3.204	3.140	0.98	1.017
31	22	3.924	3.375	0.86	0.954	3.672	3.158	0.86	1.008	3.420	2.941	0.86	1.044
31	24	4.140	3.064	0.74	0.990	3.888	2.877	0.74	1.035	3.672	2.717	0.74	1.080
31	26	4.356	2.701	0.62	1.026	4.104	2.544	0.62	1.071	3.852	2.388	0.62	1.116
32	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
32	20	3.708	3.708	1.00	0.918	3.456	3.456	1.00	0.963	3.204	3.204	1.00	1.017
32	22	3.924	3.532	0.90	0.954	3.672	3.305	0.90	1.008	3.420	3.078	0.90	1.044
32	24	4.140	3.229	0.78	0.990	3.888	3.033	0.78	1.035	3.672	2.864	0.78	1.080
32	26	4.356	2.875	0.66	1.026	4.104	2.709	0.66	1.071	3.852	2.542	0.66	1.116

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.584	0.61	1.212	5.625	3.431	0.61	1.273	5.400	3.294	0.61	1.333	5.200	3.172	0.61	1.394
21	20	6.125	3.001	0.49	1.273	5.875	2.879	0.49	1.348	5.700	2.793	0.49	1.379	5.500	2.695	0.49	1.439
22	18	5.875	3.819	0.65	1.212	5.625	3.656	0.65	1.273	5.400	3.510	0.65	1.333	5.200	3.380	0.65	1.394
22	20	6.125	3.246	0.53	1.273	5.875	3.114	0.53	1.348	5.700	3.021	0.53	1.379	5.500	2.915	0.53	1.439
22	22	6.375	2.614	0.41	1.318	6.150	2.522	0.41	1.401	6.000	2.460	0.41	1.439	5.750	2.358	0.41	1.500
23	18	5.875	4.054	0.69	1.212	5.625	3.881	0.69	1.273	5.400	3.726	0.69	1.333	5.200	3.588	0.69	1.394
23	20	6.125	3.491	0.57	1.273	5.875	3.349	0.57	1.348	5.700	3.249	0.57	1.379	5.500	3.135	0.57	1.439
23	22	6.375	2.869	0.45	1.318	6.150	2.768	0.45	1.401	6.000	2.700	0.45	1.439	5.750	2.588	0.45	1.500
24	18	5.875	4.289	0.73	1.212	5.625	4.106	0.73	1.273	5.400	3.942	0.73	1.333	5.200	3.796	0.73	1.394
24	20	6.125	3.736	0.61	1.273	5.875	3.584	0.61	1.348	5.700	3.477	0.61	1.379	5.500	3.355	0.61	1.439
24	22	6.375	3.124	0.49	1.318	6.150	3.014	0.49	1.401	6.000	2.940	0.49	1.439	5.750	2.818	0.49	1.500
24	24	6.700	2.479	0.37	1.379	6.450	2.387	0.37	1.454	6.300	2.331	0.37	1.500	6.100	2.257	0.37	1.576
25	20	6.125	3.981	0.65	1.273	5.875	3.819	0.65	1.348	5.700	3.705	0.65	1.379	5.500	3.575	0.65	1.439
25	22	6.375	3.379	0.53	1.318	6.150	3.260	0.53	1.401	6.000	3.180	0.53	1.439	5.750	3.048	0.53	1.500
25	24	6.700	2.747	0.41	1.379	6.450	2.645	0.41	1.454	6.300	2.583	0.41	1.500	6.100	2.501	0.41	1.576
26	18	5.875	4.759	0.81	1.212	5.625	4.556	0.81	1.273	5.400	4.374	0.81	1.333	5.200	4.212	0.81	1.394
26	20	6.125	4.226	0.69	1.273	5.875	4.054	0.69	1.348	5.700	3.933	0.69	1.379	5.500	3.795	0.69	1.439
26	22	6.375	3.634	0.57	1.318	6.150	3.506	0.57	1.401	6.000	3.420	0.57	1.439	5.750	3.278	0.57	1.500
26	24	6.700	3.015	0.45	1.379	6.450	2.903	0.45	1.454	6.300	2.835	0.45	1.500	6.100	2.745	0.45	1.576
26	26	6.900	2.277	0.33	1.454	6.700	2.211	0.33	1.530	6.600	2.178	0.33	1.576	6.400	2.112	0.33	1.621
27	18	5.875	4.994	0.85	1.212	5.625	4.781	0.85	1.273	5.400	4.590	0.85	1.333	5.200	4.420	0.85	1.394
27	20	6.125	4.471	0.73	1.273	5.875	4.289	0.73	1.348	5.700	4.161	0.73	1.379	5.500	4.015	0.73	1.439
27	22	6.375	3.889	0.61	1.318	6.150	3.752	0.61	1.401	6.000	3.660	0.61	1.439	5.750	3.508	0.61	1.500
27	24	6.700	3.283	0.49	1.379	6.450	3.161	0.49	1.454	6.300	3.087	0.49	1.500	6.100	2.989	0.49	1.576
27	26	6.900	2.553	0.37	1.454	6.700	2.479	0.37	1.530	6.600	2.442	0.37	1.576	6.400	2.368	0.37	1.621
28	18	5.875	5.229	0.89	1.212	5.625	5.006	0.89	1.273	5.400	4.806	0.89	1.333	5.200	4.628	0.89	1.394
28	20	6.125	4.716	0.77	1.273	5.875	4.524	0.77	1.348	5.700	4.389	0.77	1.379	5.500	4.235	0.77	1.439
28	22	6.375	4.144	0.65	1.318	6.150	3.998	0.65	1.401	6.000	3.900	0.65	1.439	5.750	3.738	0.65	1.500
28	24	6.700	3.551	0.53	1.379	6.450	3.419	0.53	1.454	6.300	3.339	0.53	1.500	6.100	3.233	0.53	1.576
28	26	6.900	2.829	0.41	1.454	6.700	2.747	0.41	1.530	6.600	2.706	0.41	1.576	6.400	2.624	0.41	1.621
29	18	5.875	5.464	0.93	1.212	5.625	5.231	0.93	1.273	5.400	5.022	0.93	1.333	5.200	4.836	0.93	1.394
29	20	6.125	4.961	0.81	1.273	5.875	4.759	0.81	1.348	5.700	4.617	0.81	1.379	5.500	4.455	0.81	1.439
29	22	6.375	4.399	0.69	1.318	6.150	4.244	0.69	1.401	6.000	4.140	0.69	1.439	5.750	3.968	0.69	1.500
29	24	6.700	3.819	0.57	1.379	6.450	3.677	0.57	1.454	6.300	3.591	0.57	1.500	6.100	3.477	0.57	1.576
29	26	6.900	3.105	0.45	1.454	6.700	3.015	0.45	1.530	6.600	2.970	0.45	1.576	6.400	2.880	0.45	1.621
30	18	5.875	5.699	0.97	1.212	5.625	5.456	0.97	1.273	5.400	5.238	0.97	1.333	5.200	5.044	0.97	1.394
30	20	6.125	5.206	0.85	1.273	5.875	4.994	0.85	1.348	5.700	4.845	0.85	1.379	5.500	4.675	0.85	1.439
30	22	6.375	4.654	0.73	1.318	6.150	4.490	0.73	1.401	6.000	4.380	0.73	1.439	5.750	4.198	0.73	1.500
30	24	6.700	4.087	0.61	1.379	6.450	3.935	0.61	1.454	6.300	3.843	0.61	1.500	6.100	3.721	0.61	1.576
30	26	6.900	3.381	0.49	1.454	6.700	3.283	0.49	1.530	6.600	3.234	0.49	1.576	6.400	3.136	0.49	1.621
31	18	5.875	5.875	1.00	1.212	5.625	5.625	1.00	1.273	5.400	5.400	1.00	1.333	5.200	5.200	1.00	1.394
31	20	6.125	5.451	0.89	1.273	5.875	5.229	0.89	1.348	5.700	5.073	0.89	1.379	5.500	4.895	0.89	1.439
31	22	6.375	4.909	0.77	1.318	6.150	4.736	0.77	1.401	6.000	4.620	0.77	1.439	5.750	4.428	0.77	1.500
31	24	6.700	4.355	0.65	1.379	6.450	4.193	0.65	1.454	6.300	4.095	0.65	1.500	6.100	3.965	0.65	1.576
31	26	6.900	3.657	0.53	1.454	6.700	3.551	0.53	1.530	6.600	3.498	0.53	1.576	6.400	3.392	0.53	1.621
32	18	5.875	5.875	1.00	1.212	5.625	5.625	1.00	1.273	5.400	5.400	1.00	1.333	5.200	5.200	1.00	1.394
32	20	6.125	5.696	0.93	1.273	5.875	5.464	0.93	1.348	5.700	5.301	0.93	1.379	5.500	5.115	0.93	1.439
32	22	6.375	5.164	0.81	1.318	6.150	4.982	0.81	1.401	6.000	4.860	0.81	1.439	5.750	4.658	0.81	1.500
32	24	6.700	4.623	0.69	1.379	6.450	4.451	0.69	1.454	6.300	4.347	0.69	1.500	6.100	4.209	0.69	1.576
32	26	6.900	3.933	0.57	1.454	6.700	3.819	0.57	1.530	6.600	3.762	0.57	1.576	6.400	3.648	0.57	1.621

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-M50VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.989	0.61	1.485	4.500	2.745	0.61	1.576	4.150	2.532	0.61	1.636
21	20	5.150	2.524	0.49	1.545	4.800	2.352	0.49	1.621	4.450	2.181	0.49	1.712
22	18	4.900	3.185	0.65	1.485	4.500	2.925	0.65	1.576	4.150	2.698	0.65	1.636
22	20	5.150	2.730	0.53	1.545	4.800	2.544	0.53	1.621	4.450	2.359	0.53	1.712
22	22	5.450	2.235	0.41	1.606	5.100	2.091	0.41	1.697	4.750	1.948	0.41	1.757
23	18	4.900	3.381	0.69	1.485	4.500	3.105	0.69	1.576	4.150	2.864	0.69	1.636
23	20	5.150	2.936	0.57	1.545	4.800	2.736	0.57	1.621	4.450	2.537	0.57	1.712
23	22	5.450	2.453	0.45	1.606	5.100	2.295	0.45	1.697	4.750	2.138	0.45	1.757
24	18	4.900	3.577	0.73	1.485	4.500	3.285	0.73	1.576	4.150	3.030	0.73	1.636
24	20	5.150	3.142	0.61	1.545	4.800	2.928	0.61	1.621	4.450	2.715	0.61	1.712
24	22	5.450	2.671	0.49	1.606	5.100	2.499	0.49	1.697	4.750	2.328	0.49	1.757
24	24	5.750	2.128	0.37	1.667	5.400	1.998	0.37	1.742	5.100	1.887	0.37	1.818
25	20	5.150	3.348	0.65	1.545	4.800	3.120	0.65	1.621	4.450	2.893	0.65	1.712
25	22	5.450	2.889	0.53	1.606	5.100	2.703	0.53	1.697	4.750	2.518	0.53	1.757
25	24	5.750	2.358	0.41	1.667	5.400	2.214	0.41	1.742	5.100	2.091	0.41	1.818
26	18	4.900	3.969	0.81	1.485	4.500	3.645	0.81	1.576	4.150	3.362	0.81	1.636
26	20	5.150	3.554	0.69	1.545	4.800	3.312	0.69	1.621	4.450	3.071	0.69	1.712
26	22	5.450	3.107	0.57	1.606	5.100	2.907	0.57	1.697	4.750	2.708	0.57	1.757
26	24	5.750	2.588	0.45	1.667	5.400	2.430	0.45	1.742	5.100	2.295	0.45	1.818
26	26	6.050	1.997	0.33	1.727	5.700	1.881	0.33	1.803	5.350	1.766	0.33	1.879
27	18	4.900	4.165	0.85	1.485	4.500	3.825	0.85	1.576	4.150	3.528	0.85	1.636
27	20	5.150	3.760	0.73	1.545	4.800	3.504	0.73	1.621	4.450	3.249	0.73	1.712
27	22	5.450	3.325	0.61	1.606	5.100	3.111	0.61	1.697	4.750	2.898	0.61	1.757
27	24	5.750	2.818	0.49	1.667	5.400	2.646	0.49	1.742	5.100	2.499	0.49	1.818
27	26	6.050	2.239	0.37	1.727	5.700	2.109	0.37	1.803	5.350	1.980	0.37	1.879
28	18	4.900	4.361	0.89	1.485	4.500	4.005	0.89	1.576	4.150	3.694	0.89	1.636
28	20	5.150	3.966	0.77	1.545	4.800	3.696	0.77	1.621	4.450	3.427	0.77	1.712
28	22	5.450	3.543	0.65	1.606	5.100	3.315	0.65	1.697	4.750	3.088	0.65	1.757
28	24	5.750	3.048	0.53	1.667	5.400	2.862	0.53	1.742	5.100	2.703	0.53	1.818
28	26	6.050	2.481	0.41	1.727	5.700	2.337	0.41	1.803	5.350	2.194	0.41	1.879
29	18	4.900	4.557	0.93	1.485	4.500	4.185	0.93	1.576	4.150	3.860	0.93	1.636
29	20	5.150	4.172	0.81	1.545	4.800	3.888	0.81	1.621	4.450	3.605	0.81	1.712
29	22	5.450	3.761	0.69	1.606	5.100	3.519	0.69	1.697	4.750	3.278	0.69	1.757
29	24	5.750	3.278	0.57	1.667	5.400	3.078	0.57	1.742	5.100	2.907	0.57	1.818
29	26	6.050	2.723	0.45	1.727	5.700	2.565	0.45	1.803	5.350	2.408	0.45	1.879
30	18	4.900	4.753	0.97	1.485	4.500	4.365	0.97	1.576	4.150	4.026	0.97	1.636
30	20	5.150	4.378	0.85	1.545	4.800	4.080	0.85	1.621	4.450	3.783	0.85	1.712
30	22	5.450	3.979	0.73	1.606	5.100	3.723	0.73	1.697	4.750	3.468	0.73	1.757
30	24	5.750	3.508	0.61	1.667	5.400	3.294	0.61	1.742	5.100	3.111	0.61	1.818
30	26	6.050	2.965	0.49	1.727	5.700	2.793	0.49	1.803	5.350	2.622	0.49	1.879
31	18	4.900	4.900	1.00	1.485	4.500	4.500	1.00	1.576	4.150	4.150	1.00	1.636
31	20	5.150	4.584	0.89	1.545	4.800	4.272	0.89	1.621	4.450	3.961	0.89	1.712
31	22	5.450	4.197	0.77	1.606	5.100	3.927	0.77	1.697	4.750	3.658	0.77	1.757
31	24	5.750	3.738	0.65	1.667	5.400	3.510	0.65	1.742	5.100	3.315	0.65	1.818
31	26	6.050	3.207	0.53	1.727	5.700	3.021	0.53	1.803	5.350	2.836	0.53	1.879
32	18	4.900	4.900	1.00	1.485	4.500	4.500	1.00	1.576	4.150	4.150	1.00	1.636
32	20	5.150	4.790	0.93	1.545	4.800	4.464	0.93	1.621	4.450	4.139	0.93	1.712
32	22	5.450	4.415	0.81	1.606	5.100	4.131	0.81	1.697	4.750	3.848	0.81	1.757
32	24	5.750	3.968	0.69	1.667	5.400	3.726	0.69	1.742	5.100	3.519	0.69	1.818
32	26	6.050	3.449	0.57	1.727	5.700	3.249	0.57	1.803	5.350	3.050	0.57	1.879

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.516	0.63	1.318	6.863	4.324	0.63	1.384	6.588	4.150	0.63	1.450	6.344	3.997	0.63	1.516
21	20	7.473	3.811	0.51	1.384	7.168	3.656	0.51	1.467	6.954	3.547	0.51	1.500	6.710	3.422	0.51	1.566
22	18	7.168	4.803	0.67	1.318	6.863	4.598	0.67	1.384	6.588	4.414	0.67	1.450	6.344	4.250	0.67	1.516
22	20	7.473	4.110	0.55	1.384	7.168	3.942	0.55	1.467	6.954	3.825	0.55	1.500	6.710	3.691	0.55	1.566
22	22	7.778	3.345	0.43	1.434	7.503	3.226	0.43	1.524	7.320	3.148	0.43	1.566	7.015	3.016	0.43	1.632
23	18	7.168	5.089	0.71	1.318	6.863	4.873	0.71	1.384	6.588	4.677	0.71	1.450	6.344	4.504	0.71	1.516
23	20	7.473	4.409	0.59	1.384	7.168	4.229	0.59	1.467	6.954	4.103	0.59	1.500	6.710	3.959	0.59	1.566
23	22	7.778	3.656	0.47	1.434	7.503	3.526	0.47	1.524	7.320	3.440	0.47	1.566	7.015	3.297	0.47	1.632
24	18	7.168	5.376	0.75	1.318	6.863	5.147	0.75	1.384	6.588	4.941	0.75	1.450	6.344	4.758	0.75	1.516
24	20	7.473	4.708	0.63	1.384	7.168	4.516	0.63	1.467	6.954	4.381	0.63	1.500	6.710	4.227	0.63	1.566
24	22	7.778	3.967	0.51	1.434	7.503	3.827	0.51	1.524	7.320	3.733	0.51	1.566	7.015	3.578	0.51	1.632
24	24	8.174	3.188	0.39	1.500	7.869	3.069	0.39	1.582	7.686	2.998	0.39	1.632	7.442	2.902	0.39	1.714
25	20	7.473	5.007	0.67	1.384	7.168	4.803	0.67	1.467	6.954	4.659	0.67	1.500	6.710	4.496	0.67	1.566
25	22	7.778	4.278	0.55	1.434	7.503	4.127	0.55	1.524	7.320	4.026	0.55	1.566	7.015	3.858	0.55	1.632
25	24	8.174	3.515	0.43	1.500	7.869	3.384	0.43	1.582	7.686	3.305	0.43	1.632	7.442	3.200	0.43	1.714
26	18	7.168	5.949	0.83	1.318	6.863	5.696	0.83	1.384	6.588	5.468	0.83	1.450	6.344	5.266	0.83	1.516
26	20	7.473	5.306	0.71	1.384	7.168	5.089	0.71	1.467	6.954	4.937	0.71	1.500	6.710	4.764	0.71	1.566
26	22	7.778	4.589	0.59	1.434	7.503	4.427	0.59	1.524	7.320	4.319	0.59	1.566	7.015	4.139	0.59	1.632
26	24	8.174	3.842	0.47	1.500	7.869	3.698	0.47	1.582	7.686	3.612	0.47	1.632	7.442	3.498	0.47	1.714
26	26	8.418	2.946	0.35	1.582	8.174	2.861	0.35	1.664	8.052	2.818	0.35	1.714	7.808	2.733	0.35	1.763
27	18	7.168	6.236	0.87	1.318	6.863	5.971	0.87	1.384	6.588	5.732	0.87	1.450	6.344	5.519	0.87	1.516
27	20	7.473	5.605	0.75	1.384	7.168	5.376	0.75	1.467	6.954	5.216	0.75	1.500	6.710	5.033	0.75	1.566
27	22	7.778	4.900	0.63	1.434	7.503	4.727	0.63	1.524	7.320	4.612	0.63	1.566	7.015	4.419	0.63	1.632
27	24	8.174	4.169	0.51	1.500	7.869	4.013	0.51	1.582	7.686	3.920	0.51	1.632	7.442	3.795	0.51	1.714
27	26	8.418	3.283	0.39	1.582	8.174	3.188	0.39	1.664	8.052	3.140	0.39	1.714	7.808	3.045	0.39	1.763
28	18	7.168	6.523	0.91	1.318	6.863	6.245	0.91	1.384	6.588	5.995	0.91	1.450	6.344	5.773	0.91	1.516
28	20	7.473	5.904	0.79	1.384	7.168	5.663	0.79	1.467	6.954	5.494	0.79	1.500	6.710	5.301	0.79	1.566
28	22	7.778	5.211	0.67	1.434	7.503	5.027	0.67	1.524	7.320	4.904	0.67	1.566	7.015	4.700	0.67	1.632
28	24	8.174	4.496	0.55	1.500	7.869	4.328	0.55	1.582	7.686	4.227	0.55	1.632	7.442	4.093	0.55	1.714
28	26	8.418	3.620	0.43	1.582	8.174	3.515	0.43	1.664	8.052	3.462	0.43	1.714	7.808	3.357	0.43	1.763
29	18	7.168	6.810	0.95	1.318	6.863	6.520	0.95	1.384	6.588	6.259	0.95	1.450	6.344	6.027	0.95	1.516
29	20	7.473	6.203	0.83	1.384	7.168	5.949	0.83	1.467	6.954	5.772	0.83	1.500	6.710	5.569	0.83	1.566
29	22	7.778	5.522	0.71	1.434	7.503	5.327	0.71	1.524	7.320	5.197	0.71	1.566	7.015	4.981	0.71	1.632
29	24	8.174	4.823	0.59	1.500	7.869	4.643	0.59	1.582	7.686	4.535	0.59	1.632	7.442	4.391	0.59	1.714
29	26	8.418	3.956	0.47	1.582	8.174	3.842	0.47	1.664	8.052	3.784	0.47	1.714	7.808	3.670	0.47	1.763
30	18	7.168	7.096	0.99	1.318	6.863	6.794	0.99	1.384	6.588	6.522	0.99	1.450	6.344	6.281	0.99	1.516
30	20	7.473	6.502	0.87	1.384	7.168	6.236	0.87	1.467	6.954	6.050	0.87	1.500	6.710	5.838	0.87	1.566
30	22	7.778	5.834	0.75	1.434	7.503	5.627	0.75	1.524	7.320	5.490	0.75	1.566	7.015	5.261	0.75	1.632
30	24	8.174	5.150	0.63	1.500	7.869	4.957	0.63	1.582	7.686	4.842	0.63	1.632	7.442	4.688	0.63	1.714
30	26	8.418	4.293	0.51	1.582	8.174	4.169	0.51	1.664	8.052	4.107	0.51	1.714	7.808	3.982	0.51	1.763
31	18	7.168	7.168	1.00	1.318	6.863	6.863	1.00	1.384	6.588	6.588	1.00	1.450	6.344	6.344	1.00	1.516
31	20	7.473	6.800	0.91	1.384	7.168	6.523	0.91	1.467	6.954	6.328	0.91	1.500	6.710	6.106	0.91	1.566
31	22	7.778	6.145	0.79	1.434	7.503	5.927	0.79	1.524	7.320	5.783	0.79	1.566	7.015	5.542	0.79	1.632
31	24	8.174	5.477	0.67	1.500	7.869	5.272	0.67	1.582	7.686	5.150	0.67	1.632	7.442	4.986	0.67	1.714
31	26	8.418	4.630	0.55	1.582	8.174	4.496	0.55	1.664	8.052	4.429	0.55	1.714	7.808	4.294	0.55	1.763
32	18	7.168	7.168	1.00	1.318	6.863	6.863	1.00	1.384	6.588	6.588	1.00	1.450	6.344	6.344	1.00	1.516
32	20	7.473	7.099	0.95	1.384	7.168	6.810	0.95	1.467	6.954	6.606	0.95	1.500	6.710	6.375	0.95	1.566
32	22	7.778	6.456	0.83	1.434	7.503	6.227	0.83	1.524	7.320	6.076	0.83	1.566	7.015	5.822	0.83	1.632
32	24	8.174	5.804	0.71	1.500	7.869	5.587	0.71	1.582	7.686	5.457	0.71	1.632	7.442	5.284	0.71	1.714
32	26	8.418	4.967	0.59	1.582	8.174	4.823	0.59	1.664	8.052	4.751	0.59	1.714	7.808	4.607	0.59	1.763

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-M60VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.766	0.63	1.615	5.490	3.459	0.63	1.714	5.063	3.190	0.63	1.780
21	20	6.283	3.204	0.51	1.681	5.856	2.987	0.51	1.763	5.429	2.769	0.51	1.862
22	18	5.978	4.005	0.67	1.615	5.490	3.678	0.67	1.714	5.063	3.392	0.67	1.780
22	20	6.283	3.456	0.55	1.681	5.856	3.221	0.55	1.763	5.429	2.986	0.55	1.862
22	22	6.649	2.859	0.43	1.747	6.222	2.675	0.43	1.846	5.795	2.492	0.43	1.912
23	18	5.978	4.244	0.71	1.615	5.490	3.898	0.71	1.714	5.063	3.595	0.71	1.780
23	20	6.283	3.707	0.59	1.681	5.856	3.455	0.59	1.763	5.429	3.203	0.59	1.862
23	22	6.649	3.125	0.47	1.747	6.222	2.924	0.47	1.846	5.795	2.724	0.47	1.912
24	18	5.978	4.484	0.75	1.615	5.490	4.118	0.75	1.714	5.063	3.797	0.75	1.780
24	20	6.283	3.958	0.63	1.681	5.856	3.689	0.63	1.763	5.429	3.420	0.63	1.862
24	22	6.649	3.391	0.51	1.747	6.222	3.173	0.51	1.846	5.795	2.955	0.51	1.912
24	24	7.015	2.736	0.39	1.813	6.588	2.569	0.39	1.895	6.222	2.427	0.39	1.978
25	20	6.283	4.210	0.67	1.681	5.856	3.924	0.67	1.763	5.429	3.637	0.67	1.862
25	22	6.649	3.657	0.55	1.747	6.222	3.422	0.55	1.846	5.795	3.187	0.55	1.912
25	24	7.015	3.016	0.43	1.813	6.588	2.833	0.43	1.895	6.222	2.675	0.43	1.978
26	18	5.978	4.962	0.83	1.615	5.490	4.557	0.83	1.714	5.063	4.202	0.83	1.780
26	20	6.283	4.461	0.71	1.681	5.856	4.158	0.71	1.763	5.429	3.855	0.71	1.862
26	22	6.649	3.923	0.59	1.747	6.222	3.671	0.59	1.846	5.795	3.419	0.59	1.912
26	24	7.015	3.297	0.47	1.813	6.588	3.096	0.47	1.895	6.222	2.924	0.47	1.978
26	26	7.381	2.583	0.35	1.879	6.954	2.434	0.35	1.961	6.527	2.284	0.35	2.044
27	18	5.978	5.201	0.87	1.615	5.490	4.776	0.87	1.714	5.063	4.405	0.87	1.780
27	20	6.283	4.712	0.75	1.681	5.856	4.392	0.75	1.763	5.429	4.072	0.75	1.862
27	22	6.649	4.189	0.63	1.747	6.222	3.920	0.63	1.846	5.795	3.651	0.63	1.912
27	24	7.015	3.578	0.51	1.813	6.588	3.360	0.51	1.895	6.222	3.173	0.51	1.978
27	26	7.381	2.879	0.39	1.879	6.954	2.712	0.39	1.961	6.527	2.546	0.39	2.044
28	18	5.978	5.440	0.91	1.615	5.490	4.996	0.91	1.714	5.063	4.607	0.91	1.780
28	20	6.283	4.964	0.79	1.681	5.856	4.626	0.79	1.763	5.429	4.289	0.79	1.862
28	22	6.649	4.455	0.67	1.747	6.222	4.169	0.67	1.846	5.795	3.883	0.67	1.912
28	24	7.015	3.858	0.55	1.813	6.588	3.623	0.55	1.895	6.222	3.422	0.55	1.978
28	26	7.381	3.174	0.43	1.879	6.954	2.990	0.43	1.961	6.527	2.807	0.43	2.044
29	18	5.978	5.679	0.95	1.615	5.490	5.216	0.95	1.714	5.063	4.810	0.95	1.780
29	20	6.283	5.215	0.83	1.681	5.856	4.860	0.83	1.763	5.429	4.506	0.83	1.862
29	22	6.649	4.721	0.71	1.747	6.222	4.418	0.71	1.846	5.795	4.114	0.71	1.912
29	24	7.015	4.139	0.59	1.813	6.588	3.887	0.59	1.895	6.222	3.671	0.59	1.978
29	26	7.381	3.469	0.47	1.879	6.954	3.268	0.47	1.961	6.527	3.068	0.47	2.044
30	18	5.978	5.918	0.99	1.615	5.490	5.435	0.99	1.714	5.063	5.012	0.99	1.780
30	20	6.283	5.466	0.87	1.681	5.856	5.095	0.87	1.763	5.429	4.723	0.87	1.862
30	22	6.649	4.987	0.75	1.747	6.222	4.667	0.75	1.846	5.795	4.346	0.75	1.912
30	24	7.015	4.419	0.63	1.813	6.588	4.150	0.63	1.895	6.222	3.920	0.63	1.978
30	26	7.381	3.764	0.51	1.879	6.954	3.547	0.51	1.961	6.527	3.329	0.51	2.044
31	18	5.978	5.978	1.00	1.615	5.490	5.490	1.00	1.714	5.063	5.063	1.00	1.780
31	20	6.283	5.718	0.91	1.681	5.856	5.329	0.91	1.763	5.429	4.940	0.91	1.862
31	22	6.649	5.253	0.79	1.747	6.222	4.915	0.79	1.846	5.795	4.578	0.79	1.912
31	24	7.015	4.700	0.67	1.813	6.588	4.414	0.67	1.895	6.222	4.169	0.67	1.978
31	26	7.381	4.060	0.55	1.879	6.954	3.825	0.55	1.961	6.527	3.590	0.55	2.044
32	18	5.978	5.978	1.00	1.615	5.490	5.490	1.00	1.714	5.063	5.063	1.00	1.780
32	20	6.283	5.969	0.95	1.681	5.856	5.563	0.95	1.763	5.429	5.158	0.95	1.862
32	22	6.649	5.519	0.83	1.747	6.222	5.164	0.83	1.846	5.795	4.810	0.83	1.912
32	24	7.015	4.981	0.71	1.813	6.588	4.677	0.71	1.895	6.222	4.418	0.71	1.978
32	26	7.381	4.355	0.59	1.879	6.954	4.103	0.59	1.961	6.527	3.851	0.59	2.044

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.839	0.58	1.578	7.988	4.633	0.58	1.656	7.668	4.447	0.58	1.735	7.384	4.283	0.58	1.814
21	20	8.698	4.001	0.46	1.656	8.343	3.838	0.46	1.755	8.094	3.723	0.46	1.795	7.810	3.593	0.46	1.873
22	18	8.343	5.173	0.62	1.578	7.988	4.953	0.62	1.656	7.668	4.754	0.62	1.735	7.384	4.578	0.62	1.814
22	20	8.698	4.349	0.50	1.656	8.343	4.172	0.50	1.755	8.094	4.047	0.50	1.795	7.810	3.905	0.50	1.873
22	22	9.053	3.440	0.38	1.716	8.733	3.319	0.38	1.824	8.520	3.238	0.38	1.873	8.165	3.103	0.38	1.952
23	18	8.343	5.506	0.66	1.578	7.988	5.272	0.66	1.656	7.668	5.061	0.66	1.735	7.384	4.873	0.66	1.814
23	20	8.698	4.697	0.54	1.656	8.343	4.505	0.54	1.755	8.094	4.371	0.54	1.795	7.810	4.217	0.54	1.873
23	22	9.053	3.802	0.42	1.716	8.733	3.668	0.42	1.824	8.520	3.578	0.42	1.873	8.165	3.429	0.42	1.952
24	18	8.343	5.840	0.70	1.578	7.988	5.592	0.70	1.656	7.668	5.368	0.70	1.735	7.384	5.169	0.70	1.814
24	20	8.698	5.045	0.58	1.656	8.343	4.839	0.58	1.755	8.094	4.695	0.58	1.795	7.810	4.530	0.58	1.873
24	22	9.053	4.164	0.46	1.716	8.733	4.017	0.46	1.824	8.520	3.919	0.46	1.873	8.165	3.756	0.46	1.952
24	24	9.514	3.235	0.34	1.795	9.159	3.114	0.34	1.893	8.946	3.042	0.34	1.952	8.662	2.945	0.34	2.051
25	20	8.698	5.393	0.62	1.656	8.343	5.173	0.62	1.755	8.094	5.018	0.62	1.795	7.810	4.842	0.62	1.873
25	22	9.053	4.527	0.50	1.716	8.733	4.367	0.50	1.824	8.520	4.260	0.50	1.873	8.165	4.083	0.50	1.952
25	24	9.514	3.615	0.38	1.795	9.159	3.480	0.38	1.893	8.946	3.399	0.38	1.952	8.662	3.292	0.38	2.051
26	18	8.343	6.508	0.78	1.578	7.988	6.231	0.78	1.656	7.668	5.981	0.78	1.735	7.384	5.760	0.78	1.814
26	20	8.698	5.741	0.66	1.656	8.343	5.506	0.66	1.755	8.094	5.342	0.66	1.795	7.810	5.155	0.66	1.873
26	22	9.053	4.889	0.54	1.716	8.733	4.716	0.54	1.824	8.520	4.601	0.54	1.873	8.165	4.409	0.54	1.952
26	24	9.514	3.996	0.42	1.795	9.159	3.847	0.42	1.893	8.946	3.757	0.42	1.952	8.662	3.638	0.42	2.051
26	26	9.798	2.939	0.30	1.893	9.514	2.854	0.30	1.992	9.372	2.812	0.30	2.051	9.088	2.726	0.30	2.110
27	18	8.343	6.841	0.82	1.578	7.988	6.550	0.82	1.656	7.668	6.288	0.82	1.735	7.384	6.055	0.82	1.814
27	20	8.698	6.089	0.70	1.656	8.343	5.840	0.70	1.755	8.094	5.666	0.70	1.795	7.810	5.467	0.70	1.873
27	22	9.053	5.251	0.58	1.716	8.733	5.065	0.58	1.824	8.520	4.942	0.58	1.873	8.165	4.736	0.58	1.952
27	24	9.514	4.376	0.46	1.795	9.159	4.213	0.46	1.893	8.946	4.115	0.46	1.952	8.662	3.985	0.46	2.051
27	26	9.798	3.331	0.34	1.893	9.514	3.235	0.34	1.992	9.372	3.186	0.34	2.051	9.088	3.090	0.34	2.110
28	18	8.343	7.175	0.86	1.578	7.988	6.870	0.86	1.656	7.668	6.594	0.86	1.735	7.384	6.350	0.86	1.814
28	20	8.698	6.437	0.74	1.656	8.343	6.174	0.74	1.755	8.094	5.990	0.74	1.795	7.810	5.779	0.74	1.873
28	22	9.053	5.613	0.62	1.716	8.733	5.414	0.62	1.824	8.520	5.282	0.62	1.873	8.165	5.062	0.62	1.952
28	24	9.514	4.757	0.50	1.795	9.159	4.580	0.50	1.893	8.946	4.473	0.50	1.952	8.662	4.331	0.50	2.051
28	26	9.798	3.723	0.38	1.893	9.514	3.615	0.38	1.992	9.372	3.561	0.38	2.051	9.088	3.453	0.38	2.110
29	18	8.343	7.509	0.90	1.578	7.988	7.189	0.90	1.656	7.668	6.901	0.90	1.735	7.384	6.646	0.90	1.814
29	20	8.698	6.784	0.78	1.656	8.343	6.508	0.78	1.755	8.094	6.313	0.78	1.795	7.810	6.092	0.78	1.873
29	22	9.053	5.975	0.66	1.716	8.733	5.764	0.66	1.824	8.520	5.623	0.66	1.873	8.165	5.389	0.66	1.952
29	24	9.514	5.138	0.54	1.795	9.159	4.946	0.54	1.893	8.946	4.831	0.54	1.952	8.662	4.677	0.54	2.051
29	26	9.798	4.115	0.42	1.893	9.514	3.996	0.42	1.992	9.372	3.936	0.42	2.051	9.088	3.817	0.42	2.110
30	18	8.343	7.842	0.94	1.578	7.988	7.509	0.94	1.656	7.668	7.208	0.94	1.735	7.384	6.941	0.94	1.814
30	20	8.698	7.132	0.82	1.656	8.343	6.841	0.82	1.755	8.094	6.637	0.82	1.795	7.810	6.404	0.82	1.873
30	22	9.053	6.337	0.70	1.716	8.733	6.113	0.70	1.824	8.520	5.964	0.70	1.873	8.165	5.716	0.70	1.952
30	24	9.514	5.518	0.58	1.795	9.159	5.312	0.58	1.893	8.946	5.189	0.58	1.952	8.662	5.024	0.58	2.051
30	26	9.798	4.507	0.46	1.893	9.514	4.376	0.46	1.992	9.372	4.311	0.46	2.051	9.088	4.180	0.46	2.110
31	18	8.343	8.176	0.98	1.578	7.988	7.828	0.98	1.656	7.668	7.515	0.98	1.735	7.384	7.236	0.98	1.814
31	20	8.698	7.480	0.86	1.656	8.343	7.175	0.86	1.755	8.094	6.961	0.86	1.795	7.810	6.717	0.86	1.873
31	22	9.053	6.699	0.74	1.716	8.733	6.462	0.74	1.824	8.520	6.305	0.74	1.873	8.165	6.042	0.74	1.952
31	24	9.514	5.899	0.62	1.795	9.159	5.679	0.62	1.893	8.946	5.547	0.62	1.952	8.662	5.370	0.62	2.051
31	26	9.798	4.899	0.50	1.893	9.514	4.757	0.50	1.992	9.372	4.686	0.50	2.051	9.088	4.544	0.50	2.110
32	18	8.343	8.343	1.00	1.578	7.988	7.988	1.00	1.656	7.668	7.668	1.00	1.735	7.384	7.384	1.00	1.814
32	20	8.698	7.828	0.90	1.656	8.343	7.509	0.90	1.755	8.094	7.285	0.90	1.795	7.810	7.029	0.90	1.873
32	22	9.053	7.061	0.78	1.716	8.733	6.812	0.78	1.824	8.520	6.646	0.78	1.873	8.165	6.369	0.78	1.952
32	24	9.514	6.279	0.66	1.795	9.159	6.045	0.66	1.893	8.946	5.904	0.66	1.952	8.662	5.717	0.66	2.051
32	26	9.798	5.291	0.54	1.893	9.514	5.138	0.54	1.992	9.372	5.061	0.54	2.051	9.088	4.908	0.54	2.110

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-M71VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.036	0.58	1.933	6.390	3.706	0.58	2.051	5.893	3.418	0.58	2.130
21	20	7.313	3.364	0.46	2.011	6.816	3.135	0.46	2.110	6.319	2.907	0.46	2.228
22	18	6.958	4.314	0.62	1.933	6.390	3.962	0.62	2.051	5.893	3.654	0.62	2.130
22	20	7.313	3.657	0.50	2.011	6.816	3.408	0.50	2.110	6.319	3.160	0.50	2.228
22	22	7.739	2.941	0.38	2.090	7.242	2.752	0.38	2.209	6.745	2.563	0.38	2.288
23	18	6.958	4.592	0.66	1.933	6.390	4.217	0.66	2.051	5.893	3.889	0.66	2.130
23	20	7.313	3.949	0.54	2.011	6.816	3.681	0.54	2.110	6.319	3.412	0.54	2.228
23	22	7.739	3.250	0.42	2.090	7.242	3.042	0.42	2.209	6.745	2.833	0.42	2.288
24	18	6.958	4.871	0.70	1.933	6.390	4.473	0.70	2.051	5.893	4.125	0.70	2.130
24	20	7.313	4.242	0.58	2.011	6.816	3.953	0.58	2.110	6.319	3.665	0.58	2.228
24	22	7.739	3.560	0.46	2.090	7.242	3.331	0.46	2.209	6.745	3.103	0.46	2.288
24	24	8.165	2.776	0.34	2.169	7.668	2.607	0.34	2.268	7.242	2.462	0.34	2.366
25	20	7.313	4.534	0.62	2.011	6.816	4.226	0.62	2.110	6.319	3.918	0.62	2.228
25	22	7.739	3.870	0.50	2.090	7.242	3.621	0.50	2.209	6.745	3.373	0.50	2.288
25	24	8.165	3.103	0.38	2.169	7.668	2.914	0.38	2.268	7.242	2.752	0.38	2.366
26	18	6.958	5.427	0.78	1.933	6.390	4.984	0.78	2.051	5.893	4.597	0.78	2.130
26	20	7.313	4.827	0.66	2.011	6.816	4.499	0.66	2.110	6.319	4.171	0.66	2.228
26	22	7.739	4.179	0.54	2.090	7.242	3.911	0.54	2.209	6.745	3.642	0.54	2.288
26	24	8.165	3.429	0.42	2.169	7.668	3.221	0.42	2.268	7.242	3.042	0.42	2.366
26	26	8.591	2.577	0.30	2.248	8.094	2.428	0.30	2.347	7.597	2.279	0.30	2.445
27	18	6.958	5.706	0.82	1.933	6.390	5.240	0.82	2.051	5.893	4.832	0.82	2.130
27	20	7.313	5.119	0.70	2.011	6.816	4.771	0.70	2.110	6.319	4.423	0.70	2.228
27	22	7.739	4.489	0.58	2.090	7.242	4.200	0.58	2.209	6.745	3.912	0.58	2.288
27	24	8.165	3.756	0.46	2.169	7.668	3.527	0.46	2.268	7.242	3.331	0.46	2.366
27	26	8.591	2.921	0.34	2.248	8.094	2.752	0.34	2.347	7.597	2.583	0.34	2.445
28	18	6.958	5.984	0.86	1.933	6.390	5.495	0.86	2.051	5.893	5.068	0.86	2.130
28	20	7.313	5.412	0.74	2.011	6.816	5.044	0.74	2.110	6.319	4.676	0.74	2.228
28	22	7.739	4.798	0.62	2.090	7.242	4.490	0.62	2.209	6.745	4.182	0.62	2.288
28	24	8.165	4.083	0.50	2.169	7.668	3.834	0.50	2.268	7.242	3.621	0.50	2.366
28	26	8.591	3.265	0.38	2.248	8.094	3.076	0.38	2.347	7.597	2.887	0.38	2.445
29	18	6.958	6.262	0.90	1.933	6.390	5.751	0.90	2.051	5.893	5.304	0.90	2.130
29	20	7.313	5.704	0.78	2.011	6.816	5.316	0.78	2.110	6.319	4.929	0.78	2.228
29	22	7.739	5.108	0.66	2.090	7.242	4.780	0.66	2.209	6.745	4.452	0.66	2.288
29	24	8.165	4.409	0.54	2.169	7.668	4.141	0.54	2.268	7.242	3.911	0.54	2.366
29	26	8.591	3.608	0.42	2.248	8.094	3.399	0.42	2.347	7.597	3.191	0.42	2.445
30	18	6.958	6.541	0.94	1.933	6.390	6.007	0.94	2.051	5.893	5.539	0.94	2.130
30	20	7.313	5.997	0.82	2.011	6.816	5.589	0.82	2.110	6.319	5.182	0.82	2.228
30	22	7.739	5.417	0.70	2.090	7.242	5.069	0.70	2.209	6.745	4.722	0.70	2.288
30	24	8.165	4.736	0.58	2.169	7.668	4.447	0.58	2.268	7.242	4.200	0.58	2.366
30	26	8.591	3.952	0.46	2.248	8.094	3.723	0.46	2.347	7.597	3.495	0.46	2.445
31	18	6.958	6.819	0.98	1.933	6.390	6.262	0.98	2.051	5.893	5.775	0.98	2.130
31	20	7.313	6.289	0.86	2.011	6.816	5.862	0.86	2.110	6.319	5.434	0.86	2.228
31	22	7.739	5.727	0.74	2.090	7.242	5.359	0.74	2.209	6.745	4.991	0.74	2.288
31	24	8.165	5.062	0.62	2.169	7.668	4.754	0.62	2.268	7.242	4.490	0.62	2.366
31	26	8.591	4.296	0.50	2.248	8.094	4.047	0.50	2.347	7.597	3.799	0.50	2.445
32	18	6.958	6.958	1.00	1.933	6.390	6.390	1.00	2.051	5.893	5.893	1.00	2.130
32	20	7.313	6.582	0.90	2.011	6.816	6.134	0.90	2.110	6.319	5.687	0.90	2.228
32	22	7.739	6.036	0.78	2.090	7.242	5.649	0.78	2.209	6.745	5.261	0.78	2.288
32	24	8.165	5.389	0.66	2.169	7.668	5.061	0.66	2.268	7.242	4.780	0.66	2.366
32	26	8.591	4.639	0.54	2.248	8.094	4.371	0.54	2.347	7.597	4.102	0.54	2.445

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M100KA2 / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	2.156	7.016	6.946	0.99	2.355	6.848	6.780	0.99	2.554
14	8	7.337	6.750	0.92	2.155	7.141	6.570	0.92	2.358	6.945	6.389	0.92	2.560
14	9	7.641	6.418	0.84	2.152	7.436	6.246	0.84	2.363	7.232	6.075	0.84	2.575
16	8	7.485	7.410	0.99	2.153	7.311	7.238	0.99	2.361	7.138	7.067	0.99	2.570
16	9	7.696	6.926	0.90	2.151	7.491	6.742	0.90	2.364	7.286	6.557	0.90	2.577
16	11	8.050	6.601	0.82	2.145	7.834	6.424	0.82	2.370	7.619	6.248	0.82	2.594
18	10	7.794	7.638	0.98	2.149	7.613	7.461	0.98	2.367	7.431	7.282	0.98	2.585
18	11	8.080	7.191	0.89	2.146	7.864	6.999	0.89	2.370	7.647	6.806	0.89	2.595
18	12	8.485	6.788	0.80	2.139	8.255	6.604	0.80	2.374	8.024	6.419	0.80	2.609
20	16	9.405	6.301	0.67	2.353	9.120	6.110	0.67	2.485	8.835	5.919	0.67	2.632
20	18	10.070	5.539	0.55	2.397	9.785	5.382	0.55	2.529	9.453	5.199	0.55	2.706
20	20	10.830	4.657	0.43	2.470	10.593	4.555	0.43	2.588	10.308	4.432	0.43	2.765
22	16	9.405	7.054	0.75	2.353	9.120	6.840	0.75	2.485	8.835	6.626	0.75	2.632
22	18	10.070	6.344	0.63	2.397	9.785	6.165	0.63	2.529	9.453	5.955	0.63	2.706
22	20	10.830	5.523	0.51	2.470	10.593	5.402	0.51	2.588	10.308	5.257	0.51	2.765
24	16	9.405	7.806	0.83	2.353	9.120	7.570	0.83	2.485	8.835	7.333	0.83	2.632
24	18	10.070	7.150	0.71	2.397	9.785	6.947	0.71	2.529	9.453	6.712	0.71	2.706
24	20	10.830	6.390	0.59	2.470	10.593	6.250	0.59	2.588	10.308	6.082	0.59	2.765
24	22	11.543	5.425	0.47	2.529	11.305	5.313	0.47	2.676	11.020	5.179	0.47	2.853
26	16	9.405	8.559	0.91	2.353	9.120	8.299	0.91	2.485	8.835	8.040	0.91	2.632
26	18	10.070	7.955	0.79	2.397	9.785	7.730	0.79	2.529	9.453	7.468	0.79	2.706
26	20	10.830	7.256	0.67	2.470	10.593	7.097	0.67	2.588	10.308	6.906	0.67	2.765
26	22	11.543	6.349	0.55	2.529	11.305	6.218	0.55	2.676	11.020	6.061	0.55	2.853
27	16	9.405	8.935	0.95	2.353	9.120	8.664	0.95	2.485	8.835	8.393	0.95	2.632
27	18	10.070	8.358	0.83	2.397	9.785	8.122	0.83	2.529	9.453	7.846	0.83	2.706
27	20	10.830	7.689	0.71	2.470	10.593	7.521	0.71	2.588	10.308	7.319	0.71	2.765
27	22	11.543	6.810	0.59	2.529	11.305	6.670	0.59	2.676	11.020	6.502	0.59	2.853
28	16	9.405	9.311	0.99	2.353	9.120	9.029	0.99	2.485	8.835	8.747	0.99	2.632
28	18	10.070	8.761	0.87	2.397	9.785	8.513	0.87	2.529	9.453	8.224	0.87	2.706
28	20	10.830	8.123	0.75	2.470	10.593	7.945	0.75	2.588	10.308	7.731	0.75	2.765
28	22	11.543	7.272	0.63	2.529	11.305	7.122	0.63	2.676	11.020	6.943	0.63	2.853
30	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
30	18	10.070	9.567	0.95	2.397	9.785	9.296	0.95	2.529	9.453	8.980	0.95	2.706
30	20	10.830	8.989	0.83	2.470	10.593	8.792	0.83	2.588	10.308	8.556	0.83	2.765
30	22	11.543	8.196	0.71	2.529	11.305	8.027	0.71	2.676	11.020	7.824	0.71	2.853
32	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
32	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
32	20	10.830	9.855	0.91	2.470	10.593	9.640	0.91	2.588	10.308	9.380	0.91	2.765
32	22	11.543	9.119	0.79	2.529	11.305	8.931	0.79	2.676	11.020	8.706	0.79	2.853
34	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
34	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
34	20	10.830	10.722	0.99	2.470	10.593	10.487	0.99	2.588	10.308	10.205	0.99	2.765
34	22	11.543	10.042	0.87	2.529	11.305	9.835	0.87	2.676	11.020	9.587	0.87	2.853

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.781	6.458	6.393	0.99	3.016	6.291	6.228	0.99	3.248
14	8	6.727	6.189	0.92	2.786	6.505	5.985	0.92	3.021	6.328	5.822	0.92	3.253
14	9	7.007	5.886	0.84	2.809	6.767	5.684	0.84	3.049	6.569	5.518	0.84	3.286
16	8	6.945	6.876	0.99	2.804	6.737	6.670	0.99	3.045	6.565	6.499	0.99	3.285
16	9	7.059	6.353	0.90	2.813	6.819	6.137	0.90	3.053	6.628	5.965	0.90	3.293
16	11	7.384	6.055	0.82	2.837	7.133	5.849	0.82	3.085	6.922	5.676	0.82	3.330
18	10	7.233	7.088	0.98	2.826	7.021	6.881	0.98	3.074	6.843	6.706	0.98	3.320
18	11	7.413	6.598	0.89	2.838	7.161	6.373	0.89	3.087	6.950	6.186	0.89	3.333
18	12	7.779	6.223	0.80	2.862	7.516	6.013	0.80	3.119	7.292	5.834	0.80	3.373
20	16	8.455	5.665	0.67	2.823	8.075	5.410	0.67	3.029	7.695	5.156	0.67	3.279
20	18	9.120	5.016	0.55	2.897	8.835	4.859	0.55	3.117	8.265	4.546	0.55	3.353
20	20	9.880	4.248	0.43	2.970	9.500	4.085	0.43	3.176	8.930	3.840	0.43	3.412
22	16	8.455	6.341	0.75	2.823	8.075	6.056	0.75	3.029	7.695	5.771	0.75	3.279
22	18	9.120	5.746	0.63	2.897	8.835	5.566	0.63	3.117	8.265	5.207	0.63	3.353
22	20	9.880	5.039	0.51	2.970	9.500	4.845	0.51	3.176	8.930	4.554	0.51	3.412
24	16	8.455	7.018	0.83	2.823	8.075	6.702	0.83	3.029	7.695	6.387	0.83	3.279
24	18	9.120	6.475	0.71	2.897	8.835	6.273	0.71	3.117	8.265	5.868	0.71	3.353
24	20	9.880	5.829	0.59	2.970	9.500	5.605	0.59	3.176	8.930	5.269	0.59	3.412
24	22	10.640	5.001	0.47	3.029	10.260	4.822	0.47	3.265	9.690	4.554	0.47	3.470
26	16	8.455	7.694	0.91	2.823	8.075	7.348	0.91	3.029	7.695	7.002	0.91	3.279
26	18	9.120	7.205	0.79	2.897	8.835	6.980	0.79	3.117	8.265	6.529	0.79	3.353
26	20	9.880	6.620	0.67	2.970	9.500	6.365	0.67	3.176	8.930	5.983	0.67	3.412
26	22	10.640	5.852	0.55	3.029	10.260	5.643	0.55	3.265	9.690	5.330	0.55	3.470
27	16	8.455	8.032	0.95	2.823	8.075	7.671	0.95	3.029	7.695	7.310	0.95	3.279
27	18	9.120	7.570	0.83	2.897	8.835	7.333	0.83	3.117	8.265	6.860	0.83	3.353
27	20	9.880	7.015	0.71	2.970	9.500	6.745	0.71	3.176	8.930	6.340	0.71	3.412
27	22	10.640	6.278	0.59	3.029	10.260	6.053	0.59	3.265	9.690	5.717	0.59	3.470
28	16	8.455	8.370	0.99	2.823	8.075	7.994	0.99	3.029	7.695	7.618	0.99	3.279
28	18	9.120	7.934	0.87	2.897	8.835	7.686	0.87	3.117	8.265	7.191	0.87	3.353
28	20	9.880	7.410	0.75	2.970	9.500	7.125	0.75	3.176	8.930	6.698	0.75	3.412
28	22	10.640	6.703	0.63	3.029	10.260	6.464	0.63	3.265	9.690	6.105	0.63	3.470
30	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
30	18	9.120	8.664	0.95	2.897	8.835	8.393	0.95	3.117	8.265	7.852	0.95	3.353
30	20	9.880	8.200	0.83	2.970	9.500	7.885	0.83	3.176	8.930	7.412	0.83	3.412
30	22	10.640	7.554	0.71	3.029	10.260	7.285	0.71	3.265	9.690	6.880	0.71	3.470
32	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
32	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
32	20	9.880	8.991	0.91	2.970	9.500	8.645	0.91	3.176	8.930	8.126	0.91	3.412
32	22	10.640	8.406	0.79	3.029	10.260	8.105	0.79	3.265	9.690	7.655	0.79	3.470
34	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
34	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
34	20	9.880	9.781	0.99	2.970	9.500	9.405	0.99	3.176	8.930	8.841	0.99	3.412

COOLING CAPACITY
PCA-M125KA2 / PUZ-M125VKA2 PUZ-M125YKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	2.947	8.936	8.400	0.94	3.218	8.722	8.199	0.94	3.490
14	8	9.345	8.130	0.87	2.945	9.095	7.913	0.87	3.222	8.845	7.695	0.87	3.499
14	9	9.732	7.688	0.79	2.940	9.471	7.482	0.79	3.229	9.211	7.277	0.79	3.518
16	8	9.533	8.961	0.94	2.942	9.312	8.753	0.94	3.227	9.091	8.546	0.94	3.512
16	9	9.802	8.332	0.85	2.939	9.541	8.110	0.85	3.231	9.279	7.887	0.85	3.522
16	11	10.253	7.895	0.77	2.932	9.979	7.684	0.77	3.238	9.704	7.472	0.77	3.544
18	10	9.927	9.232	0.93	2.937	9.696	9.017	0.93	3.234	9.465	8.802	0.93	3.532
18	11	10.292	8.645	0.84	2.933	10.016	8.413	0.84	3.239	9.740	8.182	0.84	3.546
18	12	10.807	8.105	0.75	2.923	10.514	7.866	0.75	3.244	10.221	7.666	0.75	3.565
20	16	11.979	7.427	0.62	3.215	11.616	7.202	0.62	3.396	11.253	6.977	0.62	3.597
20	18	12.826	6.413	0.50	3.275	12.463	6.232	0.50	3.456	12.040	6.020	0.50	3.697
20	20	13.794	5.242	0.38	3.376	13.492	5.127	0.38	3.537	13.129	4.989	0.38	3.778
22	16	11.979	8.385	0.70	3.215	11.616	8.131	0.70	3.396	11.253	7.877	0.70	3.597
22	18	12.826	7.439	0.58	3.275	12.463	7.229	0.58	3.456	12.040	6.983	0.58	3.697
22	20	13.794	6.345	0.46	3.376	13.492	6.206	0.46	3.537	13.129	6.039	0.46	3.778
24	16	11.979	9.344	0.78	3.215	11.616	9.060	0.78	3.396	11.253	8.777	0.78	3.597
24	18	12.826	8.465	0.66	3.275	12.463	8.226	0.66	3.456	12.040	7.946	0.66	3.697
24	20	13.794	7.449	0.54	3.376	13.492	7.286	0.54	3.537	13.129	7.090	0.54	3.778
24	22	14.702	6.175	0.42	3.456	14.399	6.048	0.42	3.657	14.036	5.895	0.42	3.898
26	16	11.979	10.302	0.86	3.215	11.616	9.990	0.86	3.396	11.253	9.678	0.86	3.597
26	18	12.826	9.491	0.74	3.275	12.463	9.223	0.74	3.456	12.040	8.910	0.74	3.697
26	20	13.794	8.552	0.62	3.376	13.492	8.365	0.62	3.537	13.129	8.140	0.62	3.778
26	22	14.702	7.351	0.50	3.456	14.399	7.200	0.50	3.657	14.036	7.018	0.50	3.898
27	16	11.979	10.781	0.90	3.215	11.616	10.454	0.90	3.396	11.253	10.128	0.90	3.597
27	18	12.826	10.004	0.78	3.275	12.463	9.721	0.78	3.456	12.040	9.391	0.78	3.697
27	20	13.794	9.104	0.66	3.376	13.492	8.905	0.66	3.537	13.129	8.665	0.66	3.778
27	22	14.702	7.939	0.54	3.456	14.399	7.775	0.54	3.657	14.036	7.579	0.54	3.898
28	16	11.979	11.260	0.94	3.215	11.616	10.919	0.94	3.396	11.253	10.578	0.94	3.597
28	18	12.826	10.517	0.82	3.275	12.463	10.220	0.82	3.456	12.040	9.873	0.82	3.697
28	20	13.794	9.656	0.70	3.376	13.492	9.444	0.70	3.537	13.129	9.190	0.70	3.778
28	22	14.702	8.527	0.58	3.456	14.399	8.351	0.58	3.657	14.036	8.141	0.58	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	11.543	0.90	3.275	12.463	11.217	0.90	3.456	12.040	10.836	0.90	3.697
30	20	13.794	10.759	0.78	3.376	13.492	10.524	0.78	3.537	13.129	10.241	0.78	3.778
30	22	14.702	9.703	0.66	3.456	14.399	9.503	0.66	3.657	14.036	9.264	0.66	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.569	0.98	3.275	12.463	12.214	0.98	3.456	12.040	11.799	0.98	3.697
32	20	13.794	11.863	0.86	3.376	13.492	11.603	0.86	3.537	13.129	11.291	0.86	3.778
32	22	14.702	10.879	0.74	3.456	14.399	10.655	0.74	3.657	14.036	10.387	0.74	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	12.966	0.94	3.376	13.492	12.682	0.94	3.537	13.129	12.341	0.94	3.778
34	22	14.702	12.056	0.82	3.456	14.399	11.807	0.82	3.657	14.036	11.510	0.82	3.898

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	3.800	8.225	7.732	0.94	4.121	8.013	7.532	0.94	4.438
14	8	8.568	7.454	0.87	3.807	8.285	7.208	0.87	4.128	8.060	7.012	0.87	4.446
14	9	8.925	7.051	0.79	3.838	8.619	6.809	0.79	4.167	8.366	6.609	0.79	4.490
16	8	8.845	8.314	0.94	3.832	8.581	8.066	0.94	4.162	8.361	7.859	0.94	4.489
16	9	8.991	7.642	0.85	3.844	8.685	7.382	0.85	4.173	8.441	7.175	0.85	4.500
16	11	9.405	7.242	0.77	3.876	9.085	6.995	0.77	4.216	8.817	6.789	0.77	4.550
18	10	9.213	8.568	0.93	3.862	8.943	8.317	0.93	4.201	8.715	8.105	0.93	4.537
18	11	9.441	7.930	0.84	3.879	9.120	7.661	0.84	4.218	8.852	7.436	0.84	4.555
18	12	9.908	7.431	0.75	3.911	9.574	7.181	0.75	4.263	9.288	6.966	0.75	4.609
20	16	10.769	6.877	0.62	3.858	10.285	6.377	0.62	4.140	9.801	6.077	0.62	4.481
20	18	11.616	5.808	0.50	3.959	11.253	5.627	0.50	4.260	10.527	5.264	0.50	4.582
20	20	12.584	4.782	0.38	4.059	12.100	4.598	0.38	4.341	11.374	4.322	0.38	4.662
22	16	10.769	7.538	0.70	3.858	10.285	7.200	0.70	4.140	9.801	6.861	0.70	4.481
22	18	11.616	6.737	0.58	3.959	11.253	6.527	0.58	4.260	10.527	6.106	0.58	4.582
22	20	12.584	5.789	0.46	4.059	12.100	5.566	0.46	4.341	11.374	5.232	0.46	4.662
24	16	10.769	8.400	0.78	3.858	10.285	8.022	0.78	4.140	9.801	7.645	0.78	4.481
24	18	11.616	7.667	0.66	3.959	11.253	7.427	0.66	4.260	10.527	6.948	0.66	4.582
24	20	12.584	6.795	0.54	4.059	12.100	6.534	0.54	4.341	11.374	6.142	0.54	4.662
24	22	13.552	5.692	0.42	4.140	13.068	5.489	0.42	4.461	12.342	5.184	0.42	4.742
26	16	10.769	9.261	0.86	3.858	10.285	8.845	0.86	4.140	9.801	8.429	0.86	4.481
26	18	11.616	8.596	0.74	3.959	11.253	8.327	0.74	4.260	10.527	7.790	0.74	4.582
26	20	12.584	7.802	0.62	4.059	12.100	7.502	0.62	4.341	11.374	7.052	0.62	4.662
26	22	13.552	6.776	0.50	4.140	13.068	6.534	0.50	4.461	12.342	6.171	0.50	4.742
27	16	10.769	9.692	0.90	3.858	10.285	9.257	0.90	4.140	9.801	8.821	0.90	4.481
27	18	11.616	9.060	0.78	3.959	11.253	8.777	0.78	4.260	10.527	8.211	0.78	4.582
27	20	12.584	8.305	0.66	4.059	12.100	7.986	0.66	4.341	11.374	7.507	0.66	4.662
27	22	13.552	7.318	0.54	4.140	13.068	7.057	0.54	4.461	12.342	6.665	0.54	4.742
28	16	10.769	10.123	0.94	3.858	10.285	9.668	0.94	4.140	9.801	9.213	0.94	4.481
28	18	11.616	9.525	0.82	3.959	11.253	9.227	0.82	4.260	10.527	8.632	0.82	4.582
28	20	12.584	8.809	0.70	4.059	12.100	8.470	0.70	4.341	11.374	7.962	0.70	4.662
28	22	13.552	7.860	0.58	4.140	13.068	7.579	0.58	4.461	12.342	7.158	0.58	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	10.454	0.90	3.959	11.253	10.128	0.90	4.260	10.527	9.474	0.90	4.582
30	20	12.584	9.816	0.78	4.059	12.100	9.438	0.78	4.341	11.374	8.872	0.78	4.662
30	22	13.552	8.944	0.66	4.140	13.068	8.625	0.66	4.461	12.342	8.146	0.66	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.384	0.98	3.959	11.253	11.028	0.98	4.260	10.527	10.316	0.98	4.582
32	20	12.584	10.822	0.86	4.059	12.100	10.406	0.86	4.341	11.374	9.782	0.86	4.662
32	22	13.552	10.028	0.74	4.140	13.068	9.670	0.74	4.461	12.342	9.133	0.74	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260				

COOLING CAPACITY
PCA-M140KA2 / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.525	0.94	3.930	9.896	9.302	0.94	4.292	9.659	9.079	0.94	4.655
14	8	10.349	9.004	0.87	3.928	10.072	8.763	0.87	4.297	9.796	8.523	0.87	4.666
14	9	10.777	8.514	0.79	3.922	10.489	8.286	0.79	4.307	10.201	8.059	0.79	4.692
16	8	10.557	9.924	0.94	3.923	10.313	9.694	0.94	4.304	10.068	9.464	0.94	4.684
16	9	10.855	9.227	0.85	3.920	10.566	8.981	0.85	4.309	10.276	8.735	0.85	4.697
16	11	11.355	8.743	0.77	3.910	11.051	8.509	0.77	4.319	10.746	8.274	0.77	4.727
18	10	10.994	10.224	0.93	3.917	10.738	9.986	0.93	4.314	10.481	9.747	0.93	4.711
18	11	11.398	9.574	0.84	3.912	11.092	9.317	0.84	4.320	10.787	9.061	0.84	4.729
18	12	11.968	8.976	0.75	3.899	11.643	8.732	0.75	4.327	11.319	8.489	0.75	4.755
20	16	13.266	8.225	0.62	4.288	12.864	7.976	0.62	4.529	12.462	7.726	0.62	4.797
20	18	14.204	7.102	0.50	4.368	13.802	6.901	0.50	4.610	13.333	6.667	0.50	4.931
20	20	15.276	5.805	0.38	4.502	14.941	5.678	0.38	4.717	14.539	5.525	0.38	5.038
22	16	13.266	9.286	0.70	4.288	12.864	9.005	0.70	4.529	12.462	8.723	0.70	4.797
22	18	14.204	8.238	0.58	4.368	13.802	8.005	0.58	4.610	13.333	7.733	0.58	4.931
22	20	15.276	7.027	0.46	4.502	14.941	6.873	0.46	4.717	14.539	6.688	0.46	5.038
24	16	13.266	10.347	0.78	4.288	12.864	10.034	0.78	4.529	12.462	9.720	0.78	4.797
24	18	14.204	9.375	0.66	4.368	13.802	9.109	0.66	4.610	13.333	8.800	0.66	4.931
24	20	15.276	8.249	0.54	4.502	14.941	8.068	0.54	4.717	14.539	7.851	0.54	5.038
24	22	16.281	6.838	0.42	4.610	15.946	6.697	0.42	4.878	15.544	6.528	0.42	5.199
26	16	13.266	11.409	0.86	4.288	12.864	11.063	0.86	4.529	12.462	10.717	0.86	4.797
26	18	14.204	10.511	0.74	4.368	13.802	10.213	0.74	4.610	13.333	9.866	0.74	4.931
26	20	15.276	9.471	0.62	4.502	14.941	9.263	0.62	4.717	14.539	9.014	0.62	5.038
26	22	16.281	8.141	0.50	4.610	15.946	7.973	0.50	4.878	15.544	7.772	0.50	5.199
27	16	13.266	11.939	0.90	4.288	12.864	11.578	0.90	4.529	12.462	11.216	0.90	4.797
27	18	14.204	11.079	0.78	4.368	13.802	10.766	0.78	4.610	13.333	10.400	0.78	4.931
27	20	15.276	10.082	0.66	4.502	14.941	9.861	0.66	4.717	14.539	9.596	0.66	5.038
27	22	16.281	8.792	0.54	4.610	15.946	8.611	0.54	4.878	15.544	8.394	0.54	5.199
28	16	13.266	12.470	0.94	4.288	12.864	12.092	0.94	4.529	12.462	11.714	0.94	4.797
28	18	14.204	11.647	0.82	4.368	13.802	11.318	0.82	4.610	13.333	10.933	0.82	4.931
28	20	15.276	10.693	0.70	4.502	14.941	10.459	0.70	4.717	14.539	10.177	0.70	5.038
28	22	16.281	9.443	0.58	4.610	15.946	9.249	0.58	4.878	15.544	9.016	0.58	5.199
30	16	13.266	13.266	1.00	4.288	12.864	12.864	1.00	4.529	12.462	12.462	1.00	4.797
30	18	14.204	12.784	0.90	4.368	13.802	12.422	0.90	4.610	13.333	12.000	0.90	4.931
30	20	15.276	11.915	0.78	4.502	14.941	11.654	0.78	4.717	14.539	11.340	0.78	5.038
30	22	16.281	10.745	0.66	4.610	15.946	10.524	0.66	4.878	15.544	10.259	0.66	5.199
32	16	13.266	13.266	1.00	4.288	12.864	12.864	1.00	4.529	12.462	12.462	1.00	4.797
32	18	14.204	13.920	0.98	4.368	13.802	13.526	0.98	4.610	13.333	13.066	0.98	4.931
32	20	15.276	13.137	0.86	4.502	14.941	12.849	0.86	4.717	14.539	12.504	0.86	5.038
32	22	16.281	12.048	0.74	4.610	15.946	11.800	0.74	4.878	15.544	11.503	0.74	5.199
34	16	13.266	13.266	1.00	4.288	12.864	12.864	1.00	4.529	12.462	12.462	1.00	4.797
34	18	14.204	14.204	1.00	4.368	13.802	13.802	1.00	4.610	13.333	13.333	1.00	4.931
34	20	15.276	14.359	0.94	4.502	14.941	14.045	0.94	4.717	14.539	13.667	0.94	5.038
34	22	16.281	13.350	0.82	4.610	15.946	13.076	0.82	4.878	15.544	12.746	0.82	5.199

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.830	0.94	5.068	9.109	8.562	0.94	5.496	8.874	8.342	0.94	5.919
14	8	9.488	8.255	0.87	5.078	9.175	7.982	0.87	5.506	8.926	7.766	0.87	5.929
14	9	9.883	7.808	0.79	5.119	9.545	7.541	0.79	5.557	9.265	7.319	0.79	5.988
16	8	9.796	9.208	0.94	5.111	9.503	8.933	0.94	5.550	9.260	8.704	0.94	5.987
16	9	9.957	8.463	0.85	5.127	9.619	8.176	0.85	5.565	9.348	7.946	0.85	6.001
16	11	10.415	8.020	0.77	5.170	10.061	7.747	0.77	5.622	9.764	7.518	0.77	6.069
18	10	10.203	9.489	0.93	5.150	9.904	9.211	0.93	5.603	9.652	8.976	0.93	6.051
18	11	10.456	8.783	0.84	5.173	10.100	8.484	0.84	5.626	9.803	8.235	0.84	6.075
18	12	10.973	8.230	0.75	5.216	10.602	7.952	0.75	5.685	10.286	7.715	0.75	6.147
20	16	11.926	7.394	0.62	5.146	11.390	7.062	0.62	5.521	10.854	6.729	0.62	5.976
20	18	12.864	6.432	0.50	5.280	12.462	6.231	0.50	5.682	11.658	5.829	0.50	6.110
20	20	13.936	5.296	0.38	5.414	13.400	5.092	0.38	5.789	12.596	4.786	0.38	6.218
22	16	11.926	8.348	0.70	5.146	11.390	7.973	0.70	5.521	10.854	7.598	0.70	5.976
22	18	12.864	7.461	0.58	5.280	12.462	7.228	0.58	5.682	11.658	6.762	0.58	6.110
22	20	13.936	6.411	0.46	5.414	13.400	6.164	0.46	5.789	12.596	5.794	0.46	6.218
24	16	11.926	9.302	0.78	5.146	11.390	8.884	0.78	5.521	10.854	8.466	0.78	5.976
24	18	12.864	8.490	0.66	5.280	12.462	8.225	0.66	5.682	11.658	7.694	0.66	6.110
24	20	13.936	7.525	0.54	5.414	13.400	7.236	0.54	5.789	12.596	6.802	0.54	6.218
24	22	15.008	6.303	0.42	5.521	14.472	6.078	0.42	5.950	13.668	5.741	0.42	6.325
26	16	11.926	10.256	0.86	5.146	11.390	9.795	0.86	5.521	10.854	9.334	0.86	5.976
26	18	12.864	9.519	0.74	5.280	12.462	9.222	0.74	5.682	11.658	8.627	0.74	6.110
26	20	13.936	8.640	0.62	5.414	13.400	8.308	0.62	5.789	12.596	7.810	0.62	6.218
26	22	15.008	7.504	0.50	5.521	14.472	7.236	0.50	5.950	13.668	6.834	0.50	6.325
27	16	11.926	10.733	0.90	5.146	11.390	10.251	0.90	5.521	10.854	9.769	0.90	5.976
27	18	12.864	10.034	0.78	5.280	12.462	9.720	0.78	5.682	11.658	9.093	0.78	6.110
27	20	13.936	9.198	0.66	5.414	13.400	8.844	0.66	5.789	12.596	8.313	0.66	6.218
27	22	15.008	8.104	0.54	5.521	14.472	7.815	0.54	5.950	13.668	7.381	0.54	6.325
28	16	11.926	11.210	0.94	5.146	11.390	10.707	0.94	5.521	10.854	10.203	0.94	5.976
28	18	12.864	10.548	0.82	5.280	12.462	10.219	0.82	5.682	11.658	9.560	0.82	6.110
28	20	13.936	9.755	0.70	5.414	13.400	9.380	0.70	5.789	12.596	8.817	0.70	6.218
28	22	15.008	8.705	0.58	5.521	14.472	8.394	0.58	5.950	13.668	7.927	0.58	6.325
30	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
30	18	12.864	11.578	0.90	5.280	12.462	11.216	0.90	5.682	11.658	10.492	0.90	6.110
30	20	13.936	10.870	0.78	5.414	13.400	10.452	0.78	5.789	12.596	9.825	0.78	6.218
30	22	15.008	9.905	0.66	5.521	14.472	9.552	0.66	5.950	13.668	9.021	0.66	6.325
32	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
32	18	12.864	12.607	0.98	5.280	12.462	12.213	0.98	5.682	11.658	11.425	0.98	6.110
32	20	13.936	11.985	0.86	5.414	13.400	11.524	0.86	5.789	12.596	10.833	0.86	6.218
32	22	15.008	11.106	0.74	5.521	14.472	10.709	0.74	5.950	13.668	10.114	0.74	6.325
34	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
34	18	12.864	1										

HEATING CAPACITY

PCA-M-KA2 / PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2

CEILING-SUSPENDED PERFORMANCE DATA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.604	0.601	2.829	0.662	3.157	0.764	4.141	0.917	4.674	1.019	5.207	1.101
	20	2.501	0.652	2.706	0.713	2.993	0.825	3.998	0.988	4.510	1.101	5.023	1.182
	25	2.419	0.693	2.624	0.774	2.870	0.897	3.772	1.050	4.346	1.177	4.838	1.269
PCA-M50KA2	15	3.493	0.803	3.795	0.885	4.235	1.021	5.555	1.225	6.270	1.361	6.985	1.470
	20	3.355	0.871	3.630	0.953	4.015	1.102	5.363	1.320	6.050	1.470	6.738	1.579
	25	3.245	0.925	3.520	1.034	3.850	1.198	5.060	1.402	5.830	1.572	6.490	1.694
PCA-M60KA2	15	4.445	1.030	4.830	1.134	5.390	1.309	7.070	1.571	7.980	1.745	8.890	1.885
	20	4.270	1.117	4.620	1.222	5.110	1.413	6.825	1.693	7.700	1.885	8.575	2.024
	25	4.130	1.187	4.480	1.326	4.900	1.536	6.440	1.797	7.420	2.015	8.260	2.173
PCA-M71KA2	15	5.080	1.272	5.520	1.401	6.160	1.617	8.080	1.940	9.120	2.156	10.160	2.328
	20	4.880	1.380	5.280	1.509	5.840	1.746	7.800	2.091	8.800	2.328	9.800	2.501
	25	4.720	1.466	5.120	1.639	5.600	1.897	7.360	2.221	8.480	2.490	9.440	2.684
PCA-M100KA2	15	7.112	1.781	7.728	1.962	8.624	2.264	11.312	2.716	12.768	3.018	14.224	3.259
	20	6.832	1.932	7.392	2.113	8.176	2.445	10.920	2.927	12.320	3.259	13.720	3.501
	25	6.608	2.052	7.168	2.294	7.840	2.656	10.304	3.109	11.872	3.486	13.216	3.757
PCA-M125KA2	15	8.890	2.333	9.660	2.570	10.780	2.966	14.140	3.559	15.960	3.954	17.780	4.270
	20	8.540	2.531	9.240	2.768	10.220	3.203	13.650	3.835	15.400	4.270	17.150	4.587
	25	8.260	2.689	8.960	3.005	9.800	3.480	12.880	4.073	14.840	4.567	16.520	4.923
PCA-M140KA2	15	10.160	2.615	11.040	2.881	12.320	3.324	16.160	3.989	18.240	4.432	20.320	4.787
	20	9.760	2.836	10.560	3.102	11.680	3.590	15.600	4.299	17.600	4.787	19.600	5.141
	25	9.440	3.014	10.240	3.368	11.200	3.900	14.720	4.565	16.960	5.119	18.880	5.518

PCA-M-KA2 / SUZ-M-VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.050	0.533	2.583	0.666	3.116	0.800	3.649	0.902	4.182	0.974	4.715	1.035	5.207	1.066	5.740	1.087
	21	1.927	0.568	2.460	0.718	2.952	0.851	3.485	0.943	3.977	1.015	4.510	1.066	5.002	1.097	5.515	1.138
	26	1.681	0.615	2.214	0.769	2.747	0.902	3.239	0.994	3.772	1.066	4.305	1.117	4.797	1.148	5.330	1.179
PCA-M50KA2	15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
	21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
	26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860
PCA-M60KA2	15	3.500	0.910	4.410	1.138	5.320	1.365	6.230	1.540	7.140	1.663	8.050	1.768	8.890	1.820	9.800	1.855
	21	3.290	0.970	4.200	1.225	5.040	1.453	5.950	1.610	6.790	1.733	7.700	1.820	8.540	1.873	9.415	1.943
	26	2.870	1.050	3.780	1.313	4.690	1.540	5.530	1.698	6.440	1.820	7.350	1.908	8.190	1.960	9.100	2.013
PCA-M71KA2	15	4.000	1.152	5.040	1.440	6.080	1.728	7.120	1.950	8.160	2.105	9.200	2.238	10.160	2.305	11.200	2.349
	21	3.760	1.228	4.800	1.551	5.760	1.839	6.800	2.039	7.760	2.194	8.800	2.305	9.760	2.371	10.760	2.460
	26	3.280	1.330	4.320	1.662	5.360	1.950	6.320	2.150	7.360	2.305	8.400	2.415	9.360	2.482	10.400	2.548

PCA-M-KA2 / PUZ-M-VKA2 PUZ-M-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M100KA2	15	7.112	1.938	7.728	2.135	8.624	2.463	11.312	2.956	12.768	3.284	14.224	3.547
	20	6.832	2.102	7.392	2.299	8.176	2.660	10.920	3.185	12.320	3.547	13.720	3.809
	25	6.608	2.233	7.168	2.496	7.840	2.890	10.304	3.383	11.872	3.793	13.216	4.089
PCA-M125KA2	15	8.573	2.335	9.315	2.573	10.395	2.969	13.635	3.562	15.390	3.958	17.145	4.275
	20	8.235	2.533	8.910	2.771	9.855	3.206	13.163	3.839	14.850	4.275	16.538	4.591
	25	7.965	2.691	8.640	3.008	9.450	3.483	12.420	4.077	14.310	4.571	15.930	4.928
PCA-M140KA2	15	9.525	2.528	10.350	2.785	11.550	3.214	15.150	3.857	17.100	4.285	19.050	4.628
	20	9.150	2.742	9.900	3.000	10.950	3.471	14.625	4.156	16.500	4.628	18.375	4.971
	25	8.850	2.914	9.600	3.257	10.500	3.771	13.800	4.414	15.900	4.949	17.700	5.335

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.3.5.2 R410A type
COOLING CAPACITY
PCA-M35KA2 / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.780	0.78	0.686	3.456	2.696	0.78	0.724	3.348	2.611	0.78	0.767
20	18	3.816	2.519	0.66	0.698	3.708	2.447	0.66	0.737	3.582	2.364	0.66	0.788
20	20	4.104	2.216	0.54	0.720	4.014	2.168	0.54	0.754	3.906	2.109	0.54	0.806
22	16	3.564	3.065	0.86	0.686	3.456	2.972	0.86	0.724	3.348	2.879	0.86	0.767
22	18	3.816	2.824	0.74	0.698	3.708	2.744	0.74	0.737	3.582	2.651	0.74	0.788
22	20	4.104	2.544	0.62	0.720	4.014	2.489	0.62	0.754	3.906	2.422	0.62	0.806
24	16	3.564	3.350	0.94	0.686	3.456	3.249	0.94	0.724	3.348	3.147	0.94	0.767
24	18	3.816	3.129	0.82	0.698	3.708	3.041	0.82	0.737	3.582	2.937	0.82	0.788
24	20	4.104	2.873	0.70	0.720	4.014	2.810	0.70	0.754	3.906	2.734	0.70	0.806
24	22	4.374	2.537	0.58	0.737	4.284	2.485	0.58	0.780	4.176	2.422	0.58	0.831
26	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
26	18	3.816	3.434	0.90	0.698	3.708	3.337	0.90	0.737	3.582	3.224	0.90	0.788
26	20	4.104	3.201	0.78	0.720	4.014	3.131	0.78	0.754	3.906	3.047	0.78	0.806
26	22	4.374	2.887	0.66	0.737	4.284	2.827	0.66	0.780	4.176	2.756	0.66	0.831
27	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
27	18	3.816	3.587	0.94	0.698	3.708	3.486	0.94	0.737	3.582	3.367	0.94	0.788
27	20	4.104	3.365	0.82	0.720	4.014	3.291	0.82	0.754	3.906	3.203	0.82	0.806
27	22	4.374	3.062	0.70	0.737	4.284	2.999	0.70	0.780	4.176	2.923	0.70	0.831
28	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
28	18	3.816	3.740	0.98	0.698	3.708	3.634	0.98	0.737	3.582	3.510	0.98	0.788
28	20	4.104	3.529	0.86	0.720	4.014	3.452	0.86	0.754	3.906	3.359	0.86	0.806
28	22	4.374	3.237	0.74	0.737	4.284	3.170	0.74	0.780	4.176	3.090	0.74	0.831
30	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
30	18	3.816	3.816	1.00	0.698	3.708	3.708	1.00	0.737	3.582	3.582	1.00	0.788
30	20	4.104	3.858	0.94	0.720	4.014	3.773	0.94	0.754	3.906	3.672	0.94	0.806
30	22	4.374	3.587	0.82	0.737	4.284	3.513	0.82	0.780	4.176	3.424	0.82	0.831
32	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
32	18	3.816	3.816	1.00	0.698	3.708	3.708	1.00	0.737	3.582	3.582	1.00	0.788
32	20	4.104	4.104	1.00	0.720	4.014	4.014	1.00	0.754	3.906	3.906	1.00	0.806
32	22	4.374	3.937	0.90	0.737	4.284	3.856	0.90	0.780	4.176	3.758	0.90	0.831
34	16	3.564	3.564	1.00	0.686	3.456	3.456	1.00	0.724	3.348	3.348	1.00	0.767
34	18	3.816	3.816	1.00	0.698	3.708	3.708	1.00	0.737	3.582	3.582	1.00	0.788
34	20	4.104	4.104	1.00	0.720	4.014	4.014	1.00	0.754	3.906	3.906	1.00	0.806
34	22	4.374	4.287	0.98	0.737	4.284	4.198	0.98	0.780	4.176	4.092	0.98	0.831

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.499	0.78	0.823	3.060	2.387	0.78	0.883	2.916	2.274	0.78	0.956
20	18	3.456	2.281	0.66	0.844	3.348	2.210	0.66	0.908	3.132	2.067	0.66	0.977
20	20	3.744	2.022	0.54	0.866	3.600	1.944	0.54	0.926	3.384	1.827	0.54	0.994
22	16	3.204	2.755	0.86	0.823	3.060	2.632	0.86	0.883	2.916	2.508	0.86	0.956
22	18	3.456	2.557	0.74	0.844	3.348	2.478	0.74	0.908	3.132	2.318	0.74	0.977
22	20	3.744	2.321	0.62	0.866	3.600	2.232	0.62	0.926	3.384	2.098	0.62	0.994
24	16	3.204	3.012	0.94	0.823	3.060	2.876	0.94	0.883	2.916	2.741	0.94	0.956
24	18	3.456	2.834	0.82	0.844	3.348	2.745	0.82	0.908	3.132	2.568	0.82	0.977
24	20	3.744	2.621	0.70	0.866	3.600	2.520	0.70	0.926	3.384	2.369	0.70	0.994
24	22	4.032	2.339	0.58	0.883	3.888	2.255	0.58	0.951	3.672	2.130	0.58	1.011
26	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
26	18	3.456	3.110	0.90	0.844	3.348	3.013	0.90	0.908	3.132	2.819	0.90	0.977
26	20	3.744	2.920	0.78	0.866	3.600	2.808	0.78	0.926	3.384	2.640	0.78	0.994
26	22	4.032	2.661	0.66	0.883	3.888	2.566	0.66	0.951	3.672	2.424	0.66	1.011
27	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
27	18	3.456	3.249	0.94	0.844	3.348	3.147	0.94	0.908	3.132	2.944	0.94	0.977
27	20	3.744	3.070	0.82	0.866	3.600	2.952	0.82	0.926	3.384	2.775	0.82	0.994
27	22	4.032	2.822	0.70	0.883	3.888	2.722	0.70	0.951	3.672	2.570	0.70	1.011
28	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
28	18	3.456	3.387	0.98	0.844	3.348	3.281	0.98	0.908	3.132	3.069	0.98	0.977
28	20	3.744	3.220	0.86	0.866	3.600	3.096	0.86	0.926	3.384	2.910	0.86	0.994
28	22	4.032	2.984	0.74	0.883	3.888	2.877	0.74	0.951	3.672	2.717	0.74	1.011
30	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
30	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
30	20	3.744	3.519	0.94	0.866	3.600	3.384	0.94	0.926	3.384	3.181	0.94	0.994
30	22	4.032	3.306	0.82	0.883	3.888	3.188	0.82	0.951	3.672	3.011	0.82	1.011
32	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
32	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
32	20	3.744	3.744	1.00	0.866	3.600	3.600	1.00	0.926	3.384	3.384	1.00	0.994
32	22	4.032	3.629	0.90	0.883	3.888	3.499	0.90	0.951	3.672	3.305	0.90	1.011
34	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
34	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
34	20	3.744	3.744	1.00	0.866	3.600	3.600	1.00	0.926	3.384	3.384	1.00	0.994
34	22	4.032	3.951	0.98	0.883	3.888	3.810	0.98	0.951	3.672	3.599	0.98	1.011

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / PUHZ-ZRP50VKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.416	0.69	1.081	4.800	3.312	0.69	1.142	4.650	3.209	0.69	1.209
20	18	5.300	3.021	0.57	1.101	5.150	2.936	0.57	1.162	4.975	2.836	0.57	1.243
20	20	5.700	2.565	0.45	1.135	5.575	2.509	0.45	1.189	5.425	2.441	0.45	1.270
22	16	4.950	3.812	0.77	1.081	4.800	3.696	0.77	1.142	4.650	3.581	0.77	1.209
22	18	5.300	3.445	0.65	1.101	5.150	3.348	0.65	1.162	4.975	3.234	0.65	1.243
22	20	5.700	3.021	0.53	1.135	5.575	2.955	0.53	1.189	5.425	2.875	0.53	1.270
24	16	4.950	4.208	0.85	1.081	4.800	4.080	0.85	1.142	4.650	3.953	0.85	1.209
24	18	5.300	3.869	0.73	1.101	5.150	3.760	0.73	1.162	4.975	3.632	0.73	1.243
24	20	5.700	3.477	0.61	1.135	5.575	3.401	0.61	1.189	5.425	3.309	0.61	1.270
24	22	6.075	2.977	0.49	1.162	5.950	2.916	0.49	1.229	5.800	2.842	0.49	1.310
26	16	4.950	4.604	0.93	1.081	4.800	4.464	0.93	1.142	4.650	4.325	0.93	1.209
26	18	5.300	4.293	0.81	1.101	5.150	4.172	0.81	1.162	4.975	4.030	0.81	1.243
26	20	5.700	3.933	0.69	1.135	5.575	3.847	0.69	1.189	5.425	3.743	0.69	1.270
26	22	6.075	3.463	0.57	1.162	5.950	3.392	0.57	1.229	5.800	3.306	0.57	1.310
27	16	4.950	4.802	0.97	1.081	4.800	4.656	0.97	1.142	4.650	4.511	0.97	1.209
27	18	5.300	4.505	0.85	1.101	5.150	4.378	0.85	1.162	4.975	4.229	0.85	1.243
27	20	5.700	4.161	0.73	1.135	5.575	4.070	0.73	1.189	5.425	3.960	0.73	1.270
27	22	6.075	3.706	0.61	1.162	5.950	3.630	0.61	1.229	5.800	3.538	0.61	1.310
28	16	4.950	4.950	1.00	1.081	4.800	4.800	1.00	1.142	4.650	4.650	1.00	1.209
28	18	5.300	4.717	0.89	1.101	5.150	4.584	0.89	1.162	4.975	4.428	0.89	1.243
28	20	5.700	4.389	0.77	1.135	5.575	4.293	0.77	1.189	5.425	4.177	0.77	1.270
28	22	6.075	3.949	0.65	1.162	5.950	3.868	0.65	1.229	5.800	3.770	0.65	1.310
30	16	4.950	4.950	1.00	1.081	4.800	4.800	1.00	1.142	4.650	4.650	1.00	1.209
30	18	5.300	5.141	0.97	1.101	5.150	4.996	0.97	1.162	4.975	4.826	0.97	1.243
30	20	5.700	4.845	0.85	1.135	5.575	4.739	0.85	1.189	5.425	4.611	0.85	1.270
30	22	6.075	4.435	0.73	1.162	5.950	4.344	0.73	1.229	5.800	4.234	0.73	1.310
32	16	4.950	4.950	1.00	1.081	4.800	4.800	1.00	1.142	4.650	4.650	1.00	1.209
32	18	5.300	5.300	1.00	1.101	5.150	5.150	1.00	1.162	4.975	4.975	1.00	1.243
32	20	5.700	5.301	0.93	1.135	5.575	5.185	0.93	1.189	5.425	5.045	0.93	1.270
32	22	6.075	4.921	0.81	1.162	5.950	4.820	0.81	1.229	5.800	4.698	0.81	1.310
34	16	4.950	4.950	1.00	1.081	4.800	4.800	1.00	1.142	4.650	4.650	1.00	1.209
34	18	5.300	5.300	1.00	1.101	5.150	5.150	1.00	1.162	4.975	4.975	1.00	1.243
34	20	5.700	5.700	1.00	1.135	5.575	5.575	1.00	1.189	5.425	5.425	1.00	1.270
34	22	6.075	5.407	0.89	1.162	5.950	5.296	0.89	1.229	5.800	5.162	0.89	1.310

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.071	0.69	1.297	4.250	2.933	0.69	1.392	4.050	2.795	0.69	1.506
20	18	4.800	2.736	0.57	1.331	4.650	2.651	0.57	1.432	4.350	2.480	0.57	1.540
20	20	5.200	2.340	0.45	1.365	5.000	2.250	0.45	1.459	4.700	2.115	0.45	1.567
22	16	4.450	3.427	0.77	1.297	4.250	3.273	0.77	1.392	4.050	3.119	0.77	1.506
22	18	4.800	3.120	0.65	1.331	4.650	3.023	0.65	1.432	4.350	2.828	0.65	1.540
22	20	5.200	2.756	0.53	1.365	5.000	2.650	0.53	1.459	4.700	2.491	0.53	1.567
24	16	4.450	3.783	0.85	1.297	4.250	3.613	0.85	1.392	4.050	3.443	0.85	1.506
24	18	4.800	3.504	0.73	1.331	4.650	3.395	0.73	1.432	4.350	3.176	0.73	1.540
24	20	5.200	3.172	0.61	1.365	5.000	3.050	0.61	1.459	4.700	2.867	0.61	1.567
24	22	5.600	2.744	0.49	1.392	5.400	2.646	0.49	1.500	5.100	2.499	0.49	1.594
26	16	4.450	4.139	0.93	1.297	4.250	3.953	0.93	1.392	4.050	3.767	0.93	1.506
26	18	4.800	3.888	0.81	1.331	4.650	3.767	0.81	1.432	4.350	3.524	0.81	1.540
26	20	5.200	3.588	0.69	1.365	5.000	3.450	0.69	1.459	4.700	3.243	0.69	1.567
26	22	5.600	3.192	0.57	1.392	5.400	3.078	0.57	1.500	5.100	2.907	0.57	1.594
27	16	4.450	4.317	0.97	1.297	4.250	4.123	0.97	1.392	4.050	3.929	0.97	1.506
27	18	4.800	4.080	0.85	1.331	4.650	3.953	0.85	1.432	4.350	3.698	0.85	1.540
27	20	5.200	3.796	0.73	1.365	5.000	3.650	0.73	1.459	4.700	3.431	0.73	1.567
27	22	5.600	3.416	0.61	1.392	5.400	3.294	0.61	1.500	5.100	3.111	0.61	1.594
28	16	4.450	4.450	1.00	1.297	4.250	4.250	1.00	1.392	4.050	4.050	1.00	1.506
28	18	4.800	4.272	0.89	1.331	4.650	4.139	0.89	1.432	4.350	3.872	0.89	1.540
28	20	5.200	4.004	0.77	1.365	5.000	3.850	0.77	1.459	4.700	3.619	0.77	1.567
28	22	5.600	3.640	0.65	1.392	5.400	3.510	0.65	1.500	5.100	3.315	0.65	1.594
30	16	4.450	4.450	1.00	1.297	4.250	4.250	1.00	1.392	4.050	4.050	1.00	1.506
30	18	4.800	4.656	0.97	1.331	4.650	4.511	0.97	1.432	4.350	4.220	0.97	1.540
30	20	5.200	4.420	0.85	1.365	5.000	4.250	0.85	1.459	4.700	3.995	0.85	1.567
30	22	5.600	4.088	0.73	1.392	5.400	3.942	0.73	1.500	5.100	3.723	0.73	1.594
32	16	4.450	4.450	1.00	1.297	4.250	4.250	1.00	1.392	4.050	4.050	1.00	1.506
32	18	4.800	4.800	1.00	1.331	4.650	4.650	1.00	1.432	4.350	4.350	1.00	1.540
32	20	5.200	4.836	0.93	1.365	5.000	4.650	0.93	1.459	4.700	4.371	0.93	1.567
32	22	5.600	4.536	0.81	1.392	5.400	4.374	0.81	1.500	5.100	4.131	0.81	1.594
34	16	4.450	4.450	1.00	1.297	4.250	4.250	1.00	1.392	4.050	4.050	1.00	1.506
34	18	4.800	4.800	1.00	1.331	4.650	4.650	1.00	1.432	4.350	4.350	1.00	1.540
34	20	5.200	5.200	1.00	1.365	5.000	5.000	1.00	1.459	4.700	4.700	1.00	1.567
34	22	5.600	4.984	0.89	1.392	5.400	4.806	0.89	1.500	5.100	4.539	0.89	1.594

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.288	0.71	1.355	5.856	4.158	0.71	1.431	5.673	4.028	0.71	1.516
20	18	6.466	3.815	0.59	1.381	6.283	3.707	0.59	1.457	6.070	3.581	0.59	1.558
20	20	6.954	3.268	0.47	1.423	6.802	3.197	0.47	1.491	6.619	3.111	0.47	1.592
22	16	6.039	4.771	0.79	1.355	5.856	4.626	0.79	1.431	5.673	4.482	0.79	1.516
22	18	6.466	4.332	0.67	1.381	6.283	4.210	0.67	1.457	6.070	4.067	0.67	1.558
22	20	6.954	3.825	0.55	1.423	6.802	3.741	0.55	1.491	6.619	3.640	0.55	1.592
24	16	6.039	5.254	0.87	1.355	5.856	5.095	0.87	1.431	5.673	4.936	0.87	1.516
24	18	6.466	4.850	0.75	1.381	6.283	4.712	0.75	1.457	6.070	4.553	0.75	1.558
24	20	6.954	4.381	0.63	1.423	6.802	4.285	0.63	1.491	6.619	4.170	0.63	1.592
24	22	7.412	3.780	0.51	1.457	7.259	3.702	0.51	1.542	7.076	3.609	0.51	1.643
26	16	6.039	5.737	0.95	1.355	5.856	5.563	0.95	1.431	5.673	5.389	0.95	1.516
26	18	6.466	5.367	0.83	1.381	6.283	5.215	0.83	1.457	6.070	5.038	0.83	1.558
26	20	6.954	4.937	0.71	1.423	6.802	4.829	0.71	1.491	6.619	4.699	0.71	1.592
26	22	7.412	4.373	0.59	1.457	7.259	4.283	0.59	1.542	7.076	4.175	0.59	1.643
27	16	6.039	5.979	0.99	1.355	5.856	5.797	0.99	1.431	5.673	5.616	0.99	1.516
27	18	6.466	5.625	0.87	1.381	6.283	5.466	0.87	1.457	6.070	5.281	0.87	1.558
27	20	6.954	5.216	0.75	1.423	6.802	5.102	0.75	1.491	6.619	4.964	0.75	1.592
27	22	7.412	4.670	0.63	1.457	7.259	4.573	0.63	1.542	7.076	4.458	0.63	1.643
28	16	6.039	6.039	1.00	1.355	5.856	5.856	1.00	1.431	5.673	5.673	1.00	1.516
28	18	6.466	5.884	0.91	1.381	6.283	5.718	0.91	1.457	6.070	5.524	0.91	1.558
28	20	6.954	5.494	0.79	1.423	6.802	5.374	0.79	1.491	6.619	5.229	0.79	1.592
28	22	7.412	4.966	0.67	1.457	7.259	4.864	0.67	1.542	7.076	4.741	0.67	1.643
30	16	6.039	6.039	1.00	1.355	5.856	5.856	1.00	1.431	5.673	5.673	1.00	1.516
30	18	6.466	6.401	0.99	1.381	6.283	6.220	0.99	1.457	6.070	6.009	0.99	1.558
30	20	6.954	6.050	0.87	1.423	6.802	5.918	0.87	1.491	6.619	5.759	0.87	1.592
30	22	7.412	5.559	0.75	1.457	7.259	5.444	0.75	1.542	7.076	5.307	0.75	1.643
32	16	6.039	6.039	1.00	1.355	5.856	5.856	1.00	1.431	5.673	5.673	1.00	1.516
32	18	6.466	6.466	1.00	1.381	6.283	6.283	1.00	1.457	6.070	6.070	1.00	1.558
32	20	6.954	6.606	0.95	1.423	6.802	6.462	0.95	1.491	6.619	6.288	0.95	1.592
32	22	7.412	6.152	0.83	1.457	7.259	6.025	0.83	1.542	7.076	5.873	0.83	1.643
34	16	6.039	6.039	1.00	1.355	5.856	5.856	1.00	1.431	5.673	5.673	1.00	1.516
34	18	6.466	6.466	1.00	1.381	6.283	6.283	1.00	1.457	6.070	6.070	1.00	1.558
34	20	6.954	6.954	1.00	1.423	6.802	6.802	1.00	1.491	6.619	6.619	1.00	1.592
34	22	7.412	6.745	0.91	1.457	7.259	6.606	0.91	1.542	7.076	6.439	0.91	1.643

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.855	0.71	1.626	5.185	3.681	0.71	1.745	4.941	3.508	0.71	1.889
20	18	5.856	3.455	0.59	1.669	5.673	3.347	0.59	1.796	5.307	3.131	0.59	1.931
20	20	6.344	2.982	0.47	1.711	6.100	2.867	0.47	1.830	5.734	2.695	0.47	1.965
22	16	5.429	4.289	0.79	1.626	5.185	4.096	0.79	1.745	4.941	3.903	0.79	1.889
22	18	5.856	3.924	0.67	1.669	5.673	3.801	0.67	1.796	5.307	3.556	0.67	1.931
22	20	6.344	3.489	0.55	1.711	6.100	3.355	0.55	1.830	5.734	3.154	0.55	1.965
24	16	5.429	4.723	0.87	1.626	5.185	4.511	0.87	1.745	4.941	4.299	0.87	1.889
24	18	5.856	4.392	0.75	1.669	5.673	4.255	0.75	1.796	5.307	3.980	0.75	1.931
24	20	6.344	3.997	0.63	1.711	6.100	3.843	0.63	1.830	5.734	3.612	0.63	1.965
24	22	6.832	3.484	0.51	1.745	6.588	3.360	0.51	1.880	6.222	3.173	0.51	1.999
26	16	5.429	5.158	0.95	1.626	5.185	4.926	0.95	1.745	4.941	4.694	0.95	1.889
26	18	5.856	4.860	0.83	1.669	5.673	4.709	0.83	1.796	5.307	4.405	0.83	1.931
26	20	6.344	4.504	0.71	1.711	6.100	4.331	0.71	1.830	5.734	4.071	0.71	1.965
26	22	6.832	4.031	0.59	1.745	6.588	3.887	0.59	1.880	6.222	3.671	0.59	1.999
27	16	5.429	5.375	0.99	1.626	5.185	5.133	0.99	1.745	4.941	4.892	0.99	1.889
27	18	5.856	5.095	0.87	1.669	5.673	4.936	0.87	1.796	5.307	4.617	0.87	1.931
27	20	6.344	4.758	0.75	1.711	6.100	4.575	0.75	1.830	5.734	4.301	0.75	1.965
27	22	6.832	4.304	0.63	1.745	6.588	4.150	0.63	1.880	6.222	3.920	0.63	1.999
28	16	5.429	5.429	1.00	1.626	5.185	5.185	1.00	1.745	4.941	4.941	1.00	1.889
28	18	5.856	5.329	0.91	1.669	5.673	5.162	0.91	1.796	5.307	4.829	0.91	1.931
28	20	6.344	5.012	0.79	1.711	6.100	4.819	0.79	1.830	5.734	4.530	0.79	1.965
28	22	6.832	4.577	0.67	1.745	6.588	4.414	0.67	1.880	6.222	4.169	0.67	1.999
30	16	5.429	5.429	1.00	1.626	5.185	5.185	1.00	1.745	4.941	4.941	1.00	1.889
30	18	5.856	5.797	0.99	1.669	5.673	5.616	0.99	1.796	5.307	5.254	0.99	1.931
30	20	6.344	5.519	0.87	1.711	6.100	5.307	0.87	1.830	5.734	4.989	0.87	1.965
30	22	6.832	5.124	0.75	1.745	6.588	4.941	0.75	1.880	6.222	4.667	0.75	1.999
32	16	5.429	5.429	1.00	1.626	5.185	5.185	1.00	1.745	4.941	4.941	1.00	1.889
32	18	5.856	5.856	1.00	1.669	5.673	5.673	1.00	1.796	5.307	5.307	1.00	1.931
32	20	6.344	6.027	0.95	1.711	6.100	5.795	0.95	1.830	5.734	5.447	0.95	1.965
32	22	6.832	5.671	0.83	1.745	6.588	5.468	0.83	1.880	6.222	5.164	0.83	1.999
34	16	5.429	5.429	1.00	1.626	5.185	5.185	1.00	1.745	4.941	4.941	1.00	1.889
34	18	5.856	5.856	1.00	1.669	5.673	5.673	1.00	1.796	5.307	5.307	1.00	1.931
34	20	6.344	6.344	1.00	1.711	6.100	6.100	1.00	1.830	5.734	5.734	1.00	1.965
34	22	6.832	6.217	0.91	1.745	6.588	5.995	0.91	1.880	6.222	5.662	0.91	1.999

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / PUHZ-ZRP71VHA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.639	0.66	1.457	6.816	4.499	0.66	1.539	6.603	4.358	0.66	1.630
20	18	7.526	4.064	0.54	1.484	7.313	3.949	0.54	1.566	7.065	3.815	0.54	1.675
20	20	8.094	3.399	0.42	1.530	7.917	3.325	0.42	1.602	7.704	3.236	0.42	1.712
22	16	7.029	5.201	0.74	1.457	6.816	5.044	0.74	1.539	6.603	4.886	0.74	1.630
22	18	7.526	4.666	0.62	1.484	7.313	4.534	0.62	1.566	7.065	4.380	0.62	1.675
22	20	8.094	4.047	0.50	1.530	7.917	3.959	0.50	1.602	7.704	3.852	0.50	1.712
24	16	7.029	5.764	0.82	1.457	6.816	5.589	0.82	1.539	6.603	5.414	0.82	1.630
24	18	7.526	5.268	0.70	1.484	7.313	5.119	0.70	1.566	7.065	4.946	0.70	1.675
24	20	8.094	4.695	0.58	1.530	7.917	4.592	0.58	1.602	7.704	4.468	0.58	1.712
24	22	8.627	3.968	0.46	1.566	8.449	3.887	0.46	1.657	8.236	3.789	0.46	1.766
26	16	7.029	6.326	0.90	1.457	6.816	6.134	0.90	1.539	6.603	5.943	0.90	1.630
26	18	7.526	5.870	0.78	1.484	7.313	5.704	0.78	1.566	7.065	5.511	0.78	1.675
26	20	8.094	5.342	0.66	1.530	7.917	5.225	0.66	1.602	7.704	5.085	0.66	1.712
26	22	8.627	4.659	0.54	1.566	8.449	4.562	0.54	1.657	8.236	4.447	0.54	1.766
27	16	7.029	6.607	0.94	1.457	6.816	6.407	0.94	1.539	6.603	6.207	0.94	1.630
27	18	7.526	6.171	0.82	1.484	7.313	5.997	0.82	1.566	7.065	5.793	0.82	1.675
27	20	8.094	5.666	0.70	1.530	7.917	5.542	0.70	1.602	7.704	5.393	0.70	1.712
27	22	8.627	5.004	0.58	1.566	8.449	4.900	0.58	1.657	8.236	4.777	0.58	1.766
28	16	7.029	6.888	0.98	1.457	6.816	6.680	0.98	1.539	6.603	6.471	0.98	1.630
28	18	7.526	6.472	0.86	1.484	7.313	6.289	0.86	1.566	7.065	6.076	0.86	1.675
28	20	8.094	5.990	0.74	1.530	7.917	5.859	0.74	1.602	7.704	5.701	0.74	1.712
28	22	8.627	5.349	0.62	1.566	8.449	5.238	0.62	1.657	8.236	5.106	0.62	1.766
30	16	7.029	7.029	1.00	1.457	6.816	6.816	1.00	1.539	6.603	6.603	1.00	1.630
30	18	7.526	7.074	0.94	1.484	7.313	6.874	0.94	1.566	7.065	6.641	0.94	1.675
30	20	8.094	6.637	0.82	1.530	7.917	6.492	0.82	1.602	7.704	6.317	0.82	1.712
30	22	8.627	6.039	0.70	1.566	8.449	5.914	0.70	1.657	8.236	5.765	0.70	1.766
32	16	7.029	7.029	1.00	1.457	6.816	6.816	1.00	1.539	6.603	6.603	1.00	1.630
32	18	7.526	7.526	1.00	1.484	7.313	7.313	1.00	1.566	7.065	7.065	1.00	1.675
32	20	8.094	7.285	0.90	1.530	7.917	7.125	0.90	1.602	7.704	6.934	0.90	1.712
32	22	8.627	6.729	0.78	1.566	8.449	6.590	0.78	1.657	8.236	6.424	0.78	1.766
34	16	7.029	7.029	1.00	1.457	6.816	6.816	1.00	1.539	6.603	6.603	1.00	1.630
34	18	7.526	7.526	1.00	1.484	7.313	7.313	1.00	1.566	7.065	7.065	1.00	1.675
34	20	8.094	7.932	0.98	1.530	7.917	7.759	0.98	1.602	7.704	7.550	0.98	1.712
34	22	8.627	7.419	0.86	1.566	8.449	7.266	0.86	1.657	8.236	7.083	0.86	1.766

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.171	0.66	1.748	6.035	3.983	0.66	1.876	5.751	3.796	0.66	2.030
20	18	6.816	3.681	0.54	1.794	6.603	3.566	0.54	1.930	6.177	3.336	0.54	2.076
20	20	7.384	3.101	0.42	1.839	7.100	2.982	0.42	1.967	6.674	2.803	0.42	2.112
22	16	6.319	4.676	0.74	1.748	6.035	4.466	0.74	1.876	5.751	4.256	0.74	2.030
22	18	6.816	4.226	0.62	1.794	6.603	4.094	0.62	1.930	6.177	3.830	0.62	2.076
22	20	7.384	3.692	0.50	1.839	7.100	3.550	0.50	1.967	6.674	3.337	0.50	2.112
24	16	6.319	5.182	0.82	1.748	6.035	4.949	0.82	1.876	5.751	4.716	0.82	2.030
24	18	6.816	4.771	0.70	1.794	6.603	4.622	0.70	1.930	6.177	4.324	0.70	2.076
24	20	7.384	4.283	0.58	1.839	7.100	4.118	0.58	1.967	6.674	3.871	0.58	2.112
24	22	7.952	3.658	0.46	1.876	7.668	3.527	0.46	2.021	7.242	3.331	0.46	2.149
26	16	6.319	5.687	0.90	1.748	6.035	5.432	0.90	1.876	5.751	5.176	0.90	2.030
26	18	6.816	5.316	0.78	1.794	6.603	5.150	0.78	1.930	6.177	4.818	0.78	2.076
26	20	7.384	4.873	0.66	1.839	7.100	4.686	0.66	1.967	6.674	4.405	0.66	2.112
26	22	7.952	4.294	0.54	1.876	7.668	4.141	0.54	2.021	7.242	3.911	0.54	2.149
27	16	6.319	5.940	0.94	1.748	6.035	5.673	0.94	1.876	5.751	5.406	0.94	2.030
27	18	6.816	5.589	0.82	1.794	6.603	5.414	0.82	1.930	6.177	5.065	0.82	2.076
27	20	7.384	5.169	0.70	1.839	7.100	4.970	0.70	1.967	6.674	4.672	0.70	2.112
27	22	7.952	4.612	0.58	1.876	7.668	4.447	0.58	2.021	7.242	4.200	0.58	2.149
28	16	6.319	6.193	0.98	1.748	6.035	5.914	0.98	1.876	5.751	5.636	0.98	2.030
28	18	6.816	5.862	0.86	1.794	6.603	5.679	0.86	1.930	6.177	5.312	0.86	2.076
28	20	7.384	5.464	0.74	1.839	7.100	5.254	0.74	1.967	6.674	4.939	0.74	2.112
28	22	7.952	4.930	0.62	1.876	7.668	4.754	0.62	2.021	7.242	4.490	0.62	2.149
30	16	6.319	6.319	1.00	1.748	6.035	6.035	1.00	1.876	5.751	5.751	1.00	2.030
30	18	6.816	6.407	0.94	1.794	6.603	6.207	0.94	1.930	6.177	5.806	0.94	2.076
30	20	7.384	6.055	0.82	1.839	7.100	5.822	0.82	1.967	6.674	5.473	0.82	2.112
30	22	7.952	5.566	0.70	1.876	7.668	5.368	0.70	2.021	7.242	5.069	0.70	2.149
32	16	6.319	6.319	1.00	1.748	6.035	6.035	1.00	1.876	5.751	5.751	1.00	2.030
32	18	6.816	6.816	1.00	1.794	6.603	6.603	1.00	1.930	6.177	6.177	1.00	2.076
32	20	7.384	6.646	0.90	1.839	7.100	6.390	0.90	1.967	6.674	6.007	0.90	2.112
32	22	7.952	6.203	0.78	1.876	7.668	5.981	0.78	2.021	7.242	5.649	0.78	2.149
34	16	6.319	6.319	1.00	1.748	6.035	6.035	1.00	1.876	5.751	5.751	1.00	2.030
34	18	6.816	6.816	1.00	1.794	6.603	6.603	1.00	1.930	6.177	6.177	1.00	2.076
34	20	7.384	7.236	0.98	1.839	7.100	6.958	0.98	1.967	6.674	6.541	0.98	2.112
34	22	7.952	6.839	0.86	1.876	7.668	6.594	0.86	2.021	7.242	6.228	0.86	2.149

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M100KA2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.301	0.67	1.934	9.120	6.110	0.67	2.042	8.835	5.919	0.67	2.163
20	18	10.070	5.539	0.55	1.970	9.785	5.382	0.55	2.079	9.453	5.199	0.55	2.224
20	20	10.830	4.657	0.43	2.030	10.593	4.555	0.43	2.127	10.308	4.432	0.43	2.272
22	16	9.405	7.054	0.75	1.934	9.120	6.840	0.75	2.042	8.835	6.626	0.75	2.163
22	18	10.070	6.344	0.63	1.970	9.785	6.165	0.63	2.079	9.453	5.955	0.63	2.224
22	20	10.830	5.523	0.51	2.030	10.593	5.402	0.51	2.127	10.308	5.257	0.51	2.272
24	16	9.405	7.806	0.83	1.934	9.120	7.570	0.83	2.042	8.835	7.333	0.83	2.163
24	18	10.070	7.150	0.71	1.970	9.785	6.947	0.71	2.079	9.453	6.712	0.71	2.224
24	20	10.830	6.390	0.59	2.030	10.593	6.250	0.59	2.127	10.308	6.082	0.59	2.272
24	22	11.543	5.425	0.47	2.079	11.305	5.313	0.47	2.199	11.020	5.179	0.47	2.344
26	16	9.405	8.559	0.91	1.934	9.120	8.299	0.91	2.042	8.835	8.040	0.91	2.163
26	18	10.070	7.955	0.79	1.970	9.785	7.730	0.79	2.079	9.453	7.468	0.79	2.224
26	20	10.830	7.256	0.67	2.030	10.593	7.097	0.67	2.127	10.308	6.906	0.67	2.272
26	22	11.543	6.349	0.55	2.079	11.305	6.218	0.55	2.199	11.020	6.061	0.55	2.344
27	16	9.405	8.935	0.95	1.934	9.120	8.664	0.95	2.042	8.835	8.393	0.95	2.163
27	18	10.070	8.358	0.83	1.970	9.785	8.122	0.83	2.079	9.453	7.846	0.83	2.224
27	20	10.830	7.689	0.71	2.030	10.593	7.521	0.71	2.127	10.308	7.319	0.71	2.272
27	22	11.543	6.810	0.59	2.079	11.305	6.670	0.59	2.199	11.020	6.502	0.59	2.344
28	16	9.405	9.311	0.99	1.934	9.120	9.029	0.99	2.042	8.835	8.747	0.99	2.163
28	18	10.070	8.761	0.87	1.970	9.785	8.513	0.87	2.079	9.453	8.224	0.87	2.224
28	20	10.830	8.123	0.75	2.030	10.593	7.945	0.75	2.127	10.308	7.731	0.75	2.272
28	22	11.543	7.272	0.63	2.079	11.305	7.122	0.63	2.199	11.020	6.943	0.63	2.344
30	16	9.405	9.405	1.00	1.934	9.120	9.120	1.00	2.042	8.835	8.835	1.00	2.163
30	18	10.070	9.567	0.95	1.970	9.785	9.296	0.95	2.079	9.453	8.980	0.95	2.224
30	20	10.830	8.989	0.83	2.030	10.593	8.792	0.83	2.127	10.308	8.556	0.83	2.272
30	22	11.543	8.196	0.71	2.079	11.305	8.027	0.71	2.199	11.020	7.824	0.71	2.344
32	16	9.405	9.405	1.00	1.934	9.120	9.120	1.00	2.042	8.835	8.835	1.00	2.163
32	18	10.070	10.070	1.00	1.970	9.785	9.785	1.00	2.079	9.453	9.453	1.00	2.224
32	20	10.830	9.855	0.91	2.030	10.593	9.640	0.91	2.127	10.308	9.380	0.91	2.272
32	22	11.543	9.119	0.79	2.079	11.305	8.931	0.79	2.199	11.020	8.706	0.79	2.344
34	16	9.405	9.405	1.00	1.934	9.120	9.120	1.00	2.042	8.835	8.835	1.00	2.163
34	18	10.070	10.070	1.00	1.970	9.785	9.785	1.00	2.079	9.453	9.453	1.00	2.224
34	20	10.830	10.722	0.99	2.030	10.593	10.487	0.99	2.127	10.308	10.205	0.99	2.272
34	22	11.543	10.042	0.87	2.079	11.305	9.835	0.87	2.199	11.020	9.587	0.87	2.344

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.665	0.67	2.320	8.075	5.410	0.67	2.490	7.695	5.156	0.67	2.695
20	18	9.120	5.016	0.55	2.381	8.835	4.859	0.55	2.562	8.265	4.546	0.55	2.755
20	20	9.880	4.248	0.43	2.441	9.500	4.085	0.43	2.610	8.930	3.840	0.43	2.804
22	16	8.455	6.341	0.75	2.320	8.075	6.056	0.75	2.490	7.695	5.771	0.75	2.695
22	18	9.120	5.746	0.63	2.381	8.835	5.566	0.63	2.562	8.265	5.207	0.63	2.755
22	20	9.880	5.039	0.51	2.441	9.500	4.845	0.51	2.610	8.930	4.554	0.51	2.804
24	16	8.455	7.018	0.83	2.320	8.075	6.702	0.83	2.490	7.695	6.387	0.83	2.695
24	18	9.120	6.475	0.71	2.381	8.835	6.273	0.71	2.562	8.265	5.868	0.71	2.755
24	20	9.880	5.829	0.59	2.441	9.500	5.605	0.59	2.610	8.930	5.269	0.59	2.804
24	22	10.640	5.001	0.47	2.490	10.260	4.822	0.47	2.683	9.690	4.554	0.47	2.852
26	16	8.455	7.694	0.91	2.320	8.075	7.348	0.91	2.490	7.695	7.002	0.91	2.695
26	18	9.120	7.205	0.79	2.381	8.835	6.980	0.79	2.562	8.265	6.529	0.79	2.755
26	20	9.880	6.620	0.67	2.441	9.500	6.365	0.67	2.610	8.930	5.983	0.67	2.804
26	22	10.640	5.852	0.55	2.490	10.260	5.643	0.55	2.683	9.690	5.330	0.55	2.852
27	16	8.455	8.032	0.95	2.320	8.075	7.671	0.95	2.490	7.695	7.310	0.95	2.695
27	18	9.120	7.570	0.83	2.381	8.835	7.333	0.83	2.562	8.265	6.860	0.83	2.755
27	20	9.880	7.015	0.71	2.441	9.500	6.745	0.71	2.610	8.930	6.340	0.71	2.804
27	22	10.640	6.278	0.59	2.490	10.260	6.053	0.59	2.683	9.690	5.717	0.59	2.852
28	16	8.455	8.370	0.99	2.320	8.075	7.994	0.99	2.490	7.695	7.618	0.99	2.695
28	18	9.120	7.934	0.87	2.381	8.835	7.686	0.87	2.562	8.265	7.191	0.87	2.755
28	20	9.880	7.410	0.75	2.441	9.500	7.125	0.75	2.610	8.930	6.698	0.75	2.804
28	22	10.640	6.703	0.63	2.490	10.260	6.464	0.63	2.683	9.690	6.105	0.63	2.852
30	16	8.455	8.455	1.00	2.320	8.075	8.075	1.00	2.490	7.695	7.695	1.00	2.695
30	18	9.120	8.664	0.95	2.381	8.835	8.393	0.95	2.562	8.265	7.852	0.95	2.755
30	20	9.880	8.200	0.83	2.441	9.500	7.885	0.83	2.610	8.930	7.412	0.83	2.804
30	22	10.640	7.554	0.71	2.490	10.260	7.285	0.71	2.683	9.690	6.880	0.71	2.852
32	16	8.455	8.455	1.00	2.320	8.075	8.075	1.00	2.490	7.695	7.695	1.00	2.695
32	18	9.120	9.120	1.00	2.381	8.835	8.835	1.00	2.562	8.265	8.265	1.00	2.755
32	20	9.880	8.991	0.91	2.441	9.500	8.645	0.91	2.610	8.930	8.126	0.91	2.804
32	22	10.640	8.406	0.79	2.490	10.260	8.105	0.79	2.683	9.690	7.655	0.79	2.852
34	16	8.455	8.455	1.00	2.320	8.075	8.075	1.00	2.490	7.695	7.695	1.00	2.695
34	18	9.120	9.120	1.00	2.381	8.835	8.835	1.00	2.562	8.265	8.265	1.00	2.755
34	20	9.880	9.781	0.99	2.441	9.500	9.405	0.99	2.610	8.930	8.841	0.99	2.804
34	22	10.640	9.257	0.87	2.490	10.260	8.926	0.87	2.683	9.690	8.430	0.87	2.852

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M125KA2 / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.673	0.62	3.184	12.000	7.440	0.62	3.363	11.625	7.208	0.62	3.562
20	18	13.250	6.625	0.50	3.244	12.875	6.438	0.50	3.423	12.438	6.219	0.50	3.662
20	20	14.250	5.415	0.38	3.343	13.938	5.296	0.38	3.502	13.563	5.154	0.38	3.741
22	16	12.375	8.663	0.70	3.184	12.000	8.400	0.70	3.363	11.625	8.138	0.70	3.562
22	18	13.250	7.685	0.58	3.244	12.875	7.468	0.58	3.423	12.438	7.214	0.58	3.662
22	20	14.250	6.555	0.46	3.343	13.938	6.411	0.46	3.502	13.563	6.239	0.46	3.741
24	16	12.375	9.653	0.78	3.184	12.000	9.360	0.78	3.363	11.625	9.068	0.78	3.562
24	18	13.250	8.745	0.66	3.244	12.875	8.498	0.66	3.423	12.438	8.209	0.66	3.662
24	20	14.250	7.695	0.54	3.343	13.938	7.527	0.54	3.502	13.563	7.324	0.54	3.741
24	22	15.188	6.379	0.42	3.423	14.875	6.248	0.42	3.622	14.500	6.090	0.42	3.861
26	16	12.375	10.643	0.86	3.184	12.000	10.320	0.86	3.363	11.625	9.998	0.86	3.562
26	18	13.250	9.805	0.74	3.244	12.875	9.528	0.74	3.423	12.438	9.204	0.74	3.662
26	20	14.250	8.835	0.62	3.343	13.938	8.642	0.62	3.502	13.563	8.409	0.62	3.741
26	22	15.188	7.594	0.50	3.423	14.875	7.438	0.50	3.622	14.500	7.250	0.50	3.861
27	16	12.375	11.138	0.90	3.184	12.000	10.800	0.90	3.363	11.625	10.463	0.90	3.562
27	18	13.250	10.335	0.78	3.244	12.875	10.043	0.78	3.423	12.438	9.702	0.78	3.662
27	20	14.250	9.405	0.66	3.343	13.938	9.199	0.66	3.502	13.563	8.952	0.66	3.741
27	22	15.188	8.202	0.54	3.423	14.875	8.033	0.54	3.622	14.500	7.830	0.54	3.861
28	16	12.375	11.633	0.94	3.184	12.000	11.280	0.94	3.363	11.625	10.928	0.94	3.562
28	18	13.250	10.865	0.82	3.244	12.875	10.558	0.82	3.423	12.438	10.199	0.82	3.662
28	20	14.250	9.975	0.70	3.343	13.938	9.757	0.70	3.502	13.563	9.494	0.70	3.741
28	22	15.188	8.809	0.58	3.423	14.875	8.628	0.58	3.622	14.500	8.410	0.58	3.861
30	16	12.375	12.375	1.00	3.184	12.000	12.000	1.00	3.363	11.625	11.625	1.00	3.562
30	18	13.250	11.925	0.90	3.244	12.875	11.588	0.90	3.423	12.438	11.194	0.90	3.662
30	20	14.250	11.115	0.78	3.343	13.938	10.872	0.78	3.502	13.563	10.579	0.78	3.741
30	22	15.188	10.024	0.66	3.423	14.875	9.818	0.66	3.622	14.500	9.570	0.66	3.861
32	16	12.375	12.375	1.00	3.184	12.000	12.000	1.00	3.363	11.625	11.625	1.00	3.562
32	18	13.250	12.985	0.98	3.244	12.875	12.618	0.98	3.423	12.438	12.189	0.98	3.662
32	20	14.250	12.255	0.86	3.343	13.938	11.987	0.86	3.502	13.563	11.664	0.86	3.741
32	22	15.188	11.239	0.74	3.423	14.875	11.008	0.74	3.622	14.500	10.730	0.74	3.861
34	16	12.375	12.375	1.00	3.184	12.000	12.000	1.00	3.363	11.625	11.625	1.00	3.562
34	18	13.250	13.250	1.00	3.244	12.875	12.875	1.00	3.423	12.438	12.438	1.00	3.662
34	20	14.250	13.395	0.94	3.343	13.938	13.102	0.94	3.502	13.563	12.749	0.94	3.741
34	22	15.188	12.454	0.82	3.423	14.875	12.198	0.82	3.622	14.500	11.890	0.82	3.861

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.898	0.62	3.821	10.625	6.588	0.62	4.099	10.125	6.278	0.62	4.438
20	18	12.000	6.000	0.50	3.920	11.625	5.813	0.50	4.219	10.875	5.438	0.50	4.537
20	20	13.000	4.940	0.38	4.020	12.500	4.750	0.38	4.298	11.750	4.465	0.38	4.617
22	16	11.125	7.788	0.70	3.821	10.625	7.438	0.70	4.099	10.125	7.088	0.70	4.438
22	18	12.000	6.960	0.58	3.920	11.625	6.743	0.58	4.219	10.875	6.308	0.58	4.537
22	20	13.000	5.980	0.46	4.020	12.500	5.750	0.46	4.298	11.750	5.405	0.46	4.617
24	16	11.125	8.678	0.78	3.821	10.625	8.288	0.78	4.099	10.125	7.898	0.78	4.438
24	18	12.000	7.920	0.66	3.920	11.625	7.673	0.66	4.219	10.875	7.178	0.66	4.537
24	20	13.000	7.020	0.54	4.020	12.500	6.750	0.54	4.298	11.750	6.345	0.54	4.617
24	22	14.000	5.880	0.42	4.099	13.500	5.670	0.42	4.418	12.750	5.355	0.42	4.696
26	16	11.125	9.568	0.86	3.821	10.625	9.138	0.86	4.099	10.125	8.708	0.86	4.438
26	18	12.000	8.880	0.74	3.920	11.625	8.603	0.74	4.219	10.875	8.048	0.74	4.537
26	20	13.000	8.060	0.62	4.020	12.500	7.750	0.62	4.298	11.750	7.285	0.62	4.617
26	22	14.000	7.000	0.50	4.099	13.500	6.750	0.50	4.418	12.750	6.375	0.50	4.696
27	16	11.125	10.013	0.90	3.821	10.625	9.563	0.90	4.099	10.125	9.113	0.90	4.438
27	18	12.000	9.360	0.78	3.920	11.625	9.068	0.78	4.219	10.875	8.483	0.78	4.537
27	20	13.000	8.580	0.66	4.020	12.500	8.250	0.66	4.298	11.750	7.755	0.66	4.617
27	22	14.000	7.560	0.54	4.099	13.500	7.290	0.54	4.418	12.750	6.885	0.54	4.696
28	16	11.125	10.458	0.94	3.821	10.625	9.988	0.94	4.099	10.125	9.518	0.94	4.438
28	18	12.000	9.840	0.82	3.920	11.625	9.533	0.82	4.219	10.875	8.918	0.82	4.537
28	20	13.000	9.100	0.70	4.020	12.500	8.750	0.70	4.298	11.750	8.225	0.70	4.617
28	22	14.000	8.120	0.58	4.099	13.500	7.830	0.58	4.418	12.750	7.395	0.58	4.696
30	16	11.125	11.125	1.00	3.821	10.625	10.625	1.00	4.099	10.125	10.125	1.00	4.438
30	18	12.000	10.800	0.90	3.920	11.625	10.463	0.90	4.219	10.875	9.788	0.90	4.537
30	20	13.000	10.140	0.78	4.020	12.500	9.750	0.78	4.298	11.750	9.165	0.78	4.617
30	22	14.000	9.240	0.66	4.099	13.500	8.910	0.66	4.418	12.750	8.415	0.66	4.696
32	16	11.125	11.125	1.00	3.821	10.625	10.625	1.00	4.099	10.125	10.125	1.00	4.438
32	18	12.000	11.760	0.98	3.920	11.625	11.393	0.98	4.219	10.875	10.658	0.98	4.537
32	20	13.000	11.180	0.86	4.020	12.500	10.750	0.86	4.298	11.750	10.105	0.86	4.617
32	22	14.000	10.360	0.74	4.099	13.500	9.990	0.74	4.418	12.750	9.435	0.74	4.696
34	16	11.125	11.125	1.00	3.821	10.625	10.625	1.00	4.099	10.125	10.125	1.00	4.438
34	18	12.000	12.000	1.00	3.920	11.625	11.625	1.00	4.219	10.875	10.875	1.00	4.537
34	20	13.000	12.220	0.94	4.020	12.500	11.750	0.94	4.298	11.750	11.045	0.94	4.617
34	22	14.000	11.480	0.82	4.099	13.500	11.070	0.82	4.418	12.750	10.455	0.82	4.696

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M140KA2 / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.225	0.62	3.162	12.864	7.976	0.62	3.339	12.462	7.726	0.62	3.537
20	18	14.204	7.102	0.50	3.221	13.802	6.901	0.50	3.399	13.333	6.667	0.50	3.636
20	20	15.276	5.805	0.38	3.320	14.941	5.678	0.38	3.478	14.539	5.525	0.38	3.715
22	16	13.266	9.286	0.70	3.162	12.864	9.005	0.70	3.339	12.462	8.723	0.70	3.537
22	18	14.204	8.238	0.58	3.221	13.802	8.005	0.58	3.399	13.333	7.733	0.58	3.636
22	20	15.276	7.027	0.46	3.320	14.941	6.873	0.46	3.478	14.539	6.688	0.46	3.715
24	16	13.266	10.347	0.78	3.162	12.864	10.034	0.78	3.339	12.462	9.720	0.78	3.537
24	18	14.204	9.375	0.66	3.221	13.802	9.109	0.66	3.399	13.333	8.800	0.66	3.636
24	20	15.276	8.249	0.54	3.320	14.941	8.068	0.54	3.478	14.539	7.851	0.54	3.715
24	22	16.281	6.838	0.42	3.399	15.946	6.697	0.42	3.596	15.544	6.528	0.42	3.833
26	16	13.266	11.409	0.86	3.162	12.864	11.063	0.86	3.339	12.462	10.717	0.86	3.537
26	18	14.204	10.511	0.74	3.221	13.802	10.213	0.74	3.399	13.333	9.866	0.74	3.636
26	20	15.276	9.471	0.62	3.320	14.941	9.263	0.62	3.478	14.539	9.014	0.62	3.715
26	22	16.281	8.141	0.50	3.399	15.946	7.973	0.50	3.596	15.544	7.772	0.50	3.833
27	16	13.266	11.939	0.90	3.162	12.864	11.578	0.90	3.339	12.462	11.216	0.90	3.537
27	18	14.204	11.079	0.78	3.221	13.802	10.766	0.78	3.399	13.333	10.400	0.78	3.636
27	20	15.276	10.082	0.66	3.320	14.941	9.861	0.66	3.478	14.539	9.596	0.66	3.715
27	22	16.281	8.792	0.54	3.399	15.946	8.611	0.54	3.596	15.544	8.394	0.54	3.833
28	16	13.266	12.470	0.94	3.162	12.864	12.092	0.94	3.339	12.462	11.714	0.94	3.537
28	18	14.204	11.647	0.82	3.221	13.802	11.318	0.82	3.399	13.333	10.933	0.82	3.636
28	20	15.276	10.693	0.70	3.320	14.941	10.459	0.70	3.478	14.539	10.177	0.70	3.715
28	22	16.281	9.443	0.58	3.399	15.946	9.249	0.58	3.596	15.544	9.016	0.58	3.833
30	16	13.266	13.266	1.00	3.162	12.864	12.864	1.00	3.339	12.462	12.462	1.00	3.537
30	18	14.204	12.784	0.90	3.221	13.802	12.422	0.90	3.399	13.333	12.000	0.90	3.636
30	20	15.276	11.915	0.78	3.320	14.941	11.654	0.78	3.478	14.539	11.340	0.78	3.715
30	22	16.281	10.745	0.66	3.399	15.946	10.524	0.66	3.596	15.544	10.259	0.66	3.833
32	16	13.266	13.266	1.00	3.162	12.864	12.864	1.00	3.339	12.462	12.462	1.00	3.537
32	18	14.204	13.920	0.98	3.221	13.802	13.526	0.98	3.399	13.333	13.066	0.98	3.636
32	20	15.276	13.137	0.86	3.320	14.941	12.849	0.86	3.478	14.539	12.504	0.86	3.715
32	22	16.281	12.048	0.74	3.399	15.946	11.800	0.74	3.596	15.544	11.503	0.74	3.833
34	16	13.266	13.266	1.00	3.162	12.864	12.864	1.00	3.339	12.462	12.462	1.00	3.537
34	18	14.204	14.204	1.00	3.221	13.802	13.802	1.00	3.399	13.333	13.333	1.00	3.636
34	20	15.276	14.359	0.94	3.320	14.941	14.045	0.94	3.478	14.539	13.667	0.94	3.715
34	22	16.281	13.350	0.82	3.399	15.946	13.076	0.82	3.596	15.544	12.746	0.82	3.833

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.394	0.62	3.794	11.390	7.062	0.62	4.071	10.854	6.729	0.62	4.406
20	18	12.864	6.432	0.50	3.893	12.462	6.231	0.50	4.189	11.658	5.829	0.50	4.505
20	20	13.936	5.296	0.38	3.992	13.400	5.092	0.38	4.268	12.596	4.786	0.38	4.584
22	16	11.926	8.348	0.70	3.794	11.390	7.973	0.70	4.071	10.854	7.598	0.70	4.406
22	18	12.864	7.461	0.58	3.893	12.462	7.228	0.58	4.189	11.658	6.762	0.58	4.505
22	20	13.936	6.411	0.46	3.992	13.400	6.164	0.46	4.268	12.596	5.794	0.46	4.584
24	16	11.926	9.302	0.78	3.794	11.390	8.884	0.78	4.071	10.854	8.466	0.78	4.406
24	18	12.864	8.490	0.66	3.893	12.462	8.225	0.66	4.189	11.658	7.694	0.66	4.505
24	20	13.936	7.525	0.54	3.992	13.400	7.236	0.54	4.268	12.596	6.802	0.54	4.584
24	22	15.008	6.303	0.42	4.071	14.472	6.078	0.42	4.387	13.668	5.741	0.42	4.663
26	16	11.926	10.256	0.86	3.794	11.390	9.795	0.86	4.071	10.854	9.334	0.86	4.406
26	18	12.864	9.519	0.74	3.893	12.462	9.222	0.74	4.189	11.658	8.627	0.74	4.505
26	20	13.936	8.640	0.62	3.992	13.400	8.308	0.62	4.268	12.596	7.810	0.62	4.584
26	22	15.008	7.504	0.50	4.071	14.472	7.236	0.50	4.387	13.668	6.834	0.50	4.663
27	16	11.926	10.733	0.90	3.794	11.390	10.251	0.90	4.071	10.854	9.769	0.90	4.406
27	18	12.864	10.034	0.78	3.893	12.462	9.720	0.78	4.189	11.658	9.093	0.78	4.505
27	20	13.936	9.198	0.66	3.992	13.400	8.844	0.66	4.268	12.596	8.313	0.66	4.584
27	22	15.008	8.104	0.54	4.071	14.472	7.815	0.54	4.387	13.668	7.381	0.54	4.663
28	16	11.926	11.210	0.94	3.794	11.390	10.707	0.94	4.071	10.854	10.203	0.94	4.406
28	18	12.864	10.548	0.82	3.893	12.462	10.219	0.82	4.189	11.658	9.560	0.82	4.505
28	20	13.936	9.755	0.70	3.992	13.400	9.380	0.70	4.268	12.596	8.817	0.70	4.584
28	22	15.008	8.705	0.58	4.071	14.472	8.394	0.58	4.387	13.668	7.927	0.58	4.663
30	16	11.926	11.926	1.00	3.794	11.390	11.390	1.00	4.071	10.854	10.854	1.00	4.406
30	18	12.864	11.578	0.90	3.893	12.462	11.216	0.90	4.189	11.658	10.492	0.90	4.505
30	20	13.936	10.870	0.78	3.992	13.400	10.452	0.78	4.268	12.596	9.825	0.78	4.584
30	22	15.008	9.905	0.66	4.071	14.472	9.552	0.66	4.387	13.668	9.021	0.66	4.663
32	16	11.926	11.926	1.00	3.794	11.390	11.390	1.00	4.071	10.854	10.854	1.00	4.406
32	18	12.864	12.607	0.98	3.893	12.462	12.213	0.98	4.189	11.658	11.425	0.98	4.505
32	20	13.936	11.985	0.86	3.992	13.400	11.524	0.86	4.268	12.596	10.833	0.86	4.584
32	22	15.008	11.106	0.74	4.071	14.472	10.709	0.74	4.387	13.668	10.114	0.74	4.663
34	16	11.926	11.926	1.00	3.794	11.390	11.390	1.00	4.071	10.854	10.854	1.00	4.406
34	18	12.864	12.864	1.00	3.893	12.462	12.462	1.00	4.189	11.658	11.658	1.00	4.505
34	20	13.936	13.100	0.94	3.992	13.400	12.596	0.94	4.268	12.596	11.840	0.94	4.584
34	22	15.008	12.307	0.82	4.071	14.472	11.867	0.82	4.387	13.668	11.208	0.82	4.663

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-KA35VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.961	0.70	0.840	4.050	2.835	0.70	0.882	3.888	2.722	0.70	0.924	3.744	2.621	0.70	0.966
21	20	4.410	2.558	0.58	0.882	4.230	2.453	0.58	0.935	4.104	2.380	0.58	0.956	3.960	2.297	0.58	0.998
22	18	4.230	3.130	0.74	0.840	4.050	2.997	0.74	0.882	3.888	2.877	0.74	0.924	3.744	2.771	0.74	0.966
22	20	4.410	2.734	0.62	0.882	4.230	2.623	0.62	0.935	4.104	2.544	0.62	0.956	3.960	2.455	0.62	0.998
22	22	4.590	2.295	0.50	0.914	4.428	2.214	0.50	0.971	4.320	2.160	0.50	0.998	4.140	2.070	0.50	1.040
23	18	4.230	3.299	0.78	0.840	4.050	3.159	0.78	0.882	3.888	3.033	0.78	0.924	3.744	2.920	0.78	0.966
23	20	4.410	2.911	0.66	0.882	4.230	2.792	0.66	0.935	4.104	2.709	0.66	0.956	3.960	2.614	0.66	0.998
23	22	4.590	2.479	0.54	0.914	4.428	2.391	0.54	0.971	4.320	2.333	0.54	0.998	4.140	2.236	0.54	1.040
24	18	4.230	3.469	0.82	0.840	4.050	3.321	0.82	0.882	3.888	3.188	0.82	0.924	3.744	3.070	0.82	0.966
24	20	4.410	3.087	0.70	0.882	4.230	2.961	0.70	0.935	4.104	2.873	0.70	0.956	3.960	2.772	0.70	0.998
24	22	4.590	2.662	0.58	0.914	4.428	2.568	0.58	0.971	4.320	2.506	0.58	0.998	4.140	2.401	0.58	1.040
24	24	4.824	2.219	0.46	0.956	4.644	2.136	0.46	1.008	4.536	2.087	0.46	1.040	4.392	2.020	0.46	1.092
25	20	4.410	3.263	0.74	0.882	4.230	3.130	0.74	0.935	4.104	3.037	0.74	0.956	3.960	2.930	0.74	0.998
25	22	4.590	2.846	0.62	0.914	4.428	2.745	0.62	0.971	4.320	2.678	0.62	0.998	4.140	2.567	0.62	1.040
25	24	4.824	2.412	0.50	0.956	4.644	2.322	0.50	1.008	4.536	2.288	0.50	1.040	4.392	2.196	0.50	1.092
26	18	4.230	3.807	0.90	0.840	4.050	3.645	0.90	0.882	3.888	3.499	0.90	0.924	3.744	3.370	0.90	0.966
26	20	4.410	3.440	0.78	0.882	4.230	3.299	0.78	0.935	4.104	3.201	0.78	0.956	3.960	3.089	0.78	0.998
26	22	4.590	3.029	0.66	0.914	4.428	2.922	0.66	0.971	4.320	2.851	0.66	0.998	4.140	2.732	0.66	1.040
26	24	4.824	2.605	0.54	0.956	4.644	2.508	0.54	1.008	4.536	2.449	0.54	1.040	4.392	2.372	0.54	1.092
26	26	4.968	2.087	0.42	1.008	4.824	2.026	0.42	1.061	4.752	1.996	0.42	1.092	4.608	1.935	0.42	1.124
27	18	4.230	3.976	0.94	0.840	4.050	3.807	0.94	0.882	3.888	3.655	0.94	0.924	3.744	3.519	0.94	0.966
27	20	4.410	3.616	0.82	0.882	4.230	3.469	0.82	0.935	4.104	3.365	0.82	0.956	3.960	3.247	0.82	0.998
27	22	4.590	3.213	0.70	0.914	4.428	3.100	0.70	0.971	4.320	3.024	0.70	0.998	4.140	2.898	0.70	1.040
27	24	4.824	2.798	0.58	0.956	4.644	2.694	0.58	1.008	4.536	2.631	0.58	1.040	4.392	2.547	0.58	1.092
27	26	4.968	2.285	0.46	1.008	4.824	2.219	0.46	1.061	4.752	2.186	0.46	1.092	4.608	2.120	0.46	1.124
28	18	4.230	4.145	0.98	0.840	4.050	3.969	0.98	0.882	3.888	3.810	0.98	0.924	3.744	3.669	0.98	0.966
28	20	4.410	3.793	0.86	0.882	4.230	3.638	0.86	0.935	4.104	3.529	0.86	0.956	3.960	3.406	0.86	0.998
28	22	4.590	3.397	0.74	0.914	4.428	3.277	0.74	0.971	4.320	3.197	0.74	0.998	4.140	3.064	0.74	1.040
28	24	4.824	2.991	0.62	0.956	4.644	2.879	0.62	1.008	4.536	2.812	0.62	1.040	4.392	2.723	0.62	1.092
28	26	4.968	2.484	0.50	1.008	4.824	2.412	0.50	1.061	4.752	2.376	0.50	1.092	4.608	2.304	0.50	1.124
29	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
29	20	4.410	3.969	0.90	0.882	4.230	3.807	0.90	0.935	4.104	3.694	0.90	0.956	3.960	3.564	0.90	0.998
29	22	4.590	3.580	0.78	0.914	4.428	3.454	0.78	0.971	4.320	3.370	0.78	0.998	4.140	3.229	0.78	1.040
29	24	4.824	3.184	0.66	0.956	4.644	3.065	0.66	1.008	4.536	2.994	0.66	1.040	4.392	2.899	0.66	1.092
29	26	4.968	2.683	0.54	1.008	4.824	2.605	0.54	1.061	4.752	2.566	0.54	1.092	4.608	2.488	0.54	1.124
30	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
30	20	4.410	4.145	0.94	0.882	4.230	3.976	0.94	0.935	4.104	3.858	0.94	0.956	3.960	3.722	0.94	0.998
30	22	4.590	3.764	0.82	0.914	4.428	3.631	0.82	0.971	4.320	3.542	0.82	0.998	4.140	3.395	0.82	1.040
30	24	4.824	3.377	0.70	0.956	4.644	3.251	0.70	1.008	4.536	3.175	0.70	1.040	4.392	3.074	0.70	1.092
30	26	4.968	2.881	0.58	1.008	4.824	2.798	0.58	1.061	4.752	2.756	0.58	1.092	4.608	2.673	0.58	1.124
31	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
31	20	4.410	4.322	0.98	0.882	4.230	4.145	0.98	0.935	4.104	4.022	0.98	0.956	3.960	3.881	0.98	0.998
31	22	4.590	3.947	0.86	0.914	4.428	3.808	0.86	0.971	4.320	3.715	0.86	0.998	4.140	3.560	0.86	1.040
31	24	4.824	3.570	0.74	0.956	4.644	3.437	0.74	1.008	4.536	3.357	0.74	1.040	4.392	3.250	0.74	1.092
31	26	4.968	3.080	0.62	1.008	4.824	2.991	0.62	1.061	4.752	2.946	0.62	1.092	4.608	2.857	0.62	1.124
32	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
32	20	4.410	4.410	1.00	0.882	4.230	4.230	1.00	0.935	4.104	4.104	1.00	0.956	3.960	3.960	1.00	0.998
32	22	4.590	4.131	0.90	0.914	4.428	3.985	0.90	0.971	4.320	3.888	0.90	0.998	4.140	3.726	0.90	1.040
32	24	4.824	3.763	0.78	0.956	4.644	3.622	0.78	1.008	4.536	3.538	0.78	1.040	4.392	3.426	0.78	1.092
32	26	4.968	3.279	0.66	1.008	4.824	3.184	0.66	1.061	4.752	3.136	0.66	1.092	4.608	3.041	0.66	1.124

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.470	0.70	1.029	3.240	2.268	0.70	1.092	2.988	2.092	0.70	1.134
21	20	3.708	2.151	0.58	1.071	3.456	2.004	0.58	1.124	3.204	1.858	0.58	1.187
22	18	3.528	2.611	0.74	1.029	3.240	2.398	0.74	1.092	2.988	2.211	0.74	1.134
22	20	3.708	2.299	0.62	1.071	3.456	2.143	0.62	1.124	3.204	1.986	0.62	1.187
22	22	3.924	1.962	0.50	1.113	3.672	1.836	0.50	1.176	3.420	1.710	0.50	1.218
23	18	3.528	2.752	0.78	1.029	3.240	2.527	0.78	1.092	2.988	2.331	0.78	1.134
23	20	3.708	2.447	0.66	1.071	3.456	2.281	0.66	1.124	3.204	2.115	0.66	1.187
23	22	3.924	2.119	0.54	1.113	3.672	1.983	0.54	1.176	3.420	1.847	0.54	1.218
24	18	3.528	2.893	0.82	1.029	3.240	2.657	0.82	1.092	2.988	2.450	0.82	1.134
24	20	3.708	2.596	0.70	1.071	3.456	2.419	0.70	1.124	3.204	2.243	0.70	1.187
24	22	3.924	2.276	0.58	1.113	3.672	2.130	0.58	1.176	3.420	1.984	0.58	1.218
24	24	4.140	1.904	0.46	1.155	3.888	1.788	0.46	1.208	3.672	1.689	0.46	1.260
25	20	3.708	2.744	0.74	1.071	3.456	2.557	0.74	1.124	3.204	2.371	0.74	1.187
25	22	3.924	2.433	0.62	1.113	3.672	2.277	0.62	1.176	3.420	2.120	0.62	1.218
25	24	4.140	2.070	0.50	1.155	3.888	1.944	0.50	1.208	3.672	1.836	0.50	1.260
26	18	3.528	3.175	0.90	1.029	3.240	2.916	0.90	1.092	2.988	2.689	0.90	1.134
26	20	3.708	2.892	0.78	1.071	3.456	2.696	0.78	1.124	3.204	2.499	0.78	1.187
26	22	3.924	2.590	0.66	1.113	3.672	2.424	0.66	1.176	3.420	2.257	0.66	1.218
26	24	4.140	2.236	0.54	1.155	3.888	2.100	0.54	1.208	3.672	1.983	0.54	1.260
26	26	4.356	1.830	0.42	1.197	4.104	1.724	0.42	1.250	3.852	1.618	0.42	1.302
27	18	3.528	3.316	0.94	1.029	3.240	3.046	0.94	1.092	2.988	2.809	0.94	1.134
27	20	3.708	3.041	0.82	1.071	3.456	2.834	0.82	1.124	3.204	2.627	0.82	1.187
27	22	3.924	2.747	0.70	1.113	3.672	2.570	0.70	1.176	3.420	2.394	0.70	1.218
27	24	4.140	2.401	0.58	1.155	3.888	2.255	0.58	1.208	3.672	2.130	0.58	1.260
27	26	4.356	2.004	0.46	1.197	4.104	1.888	0.46	1.250	3.852	1.772	0.46	1.302
28	18	3.528	3.457	0.98	1.029	3.240	3.175	0.98	1.092	2.988	2.928	0.98	1.134
28	20	3.708	3.189	0.86	1.071	3.456	2.972	0.86	1.124	3.204	2.755	0.86	1.187
28	22	3.924	2.904	0.74	1.113	3.672	2.717	0.74	1.176	3.420	2.531	0.74	1.218
28	24	4.140	2.567	0.62	1.155	3.888	2.411	0.62	1.208	3.672	2.277	0.62	1.260
28	26	4.356	2.178	0.50	1.197	4.104	2.052	0.50	1.250	3.852	1.926	0.50	1.302
29	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
29	20	3.708	3.337	0.90	1.071	3.456	3.110	0.90	1.124	3.204	2.884	0.90	1.187
29	22	3.924	3.061	0.78	1.113	3.672	2.864	0.78	1.176	3.420	2.668	0.78	1.218
29	24	4.140	2.732	0.66	1.155	3.888	2.566	0.66	1.208	3.672	2.424	0.66	1.260
29	26	4.356	2.352	0.54	1.197	4.104	2.216	0.54	1.250	3.852	2.080	0.54	1.302
30	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
30	20	3.708	3.486	0.94	1.071	3.456	3.249	0.94	1.124	3.204	3.012	0.94	1.187
30	22	3.924	3.218	0.82	1.113	3.672	3.011	0.82	1.176	3.420	2.804	0.82	1.218
30	24	4.140	2.898	0.70	1.155	3.888	2.722	0.70	1.208	3.672	2.570	0.70	1.260
30	26	4.356	2.526	0.58	1.197	4.104	2.380	0.58	1.250	3.852	2.234	0.58	1.302
31	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
31	20	3.708	3.634	0.98	1.071	3.456	3.387	0.98	1.124	3.204	3.140	0.98	1.187
31	22	3.924	3.375	0.86	1.113	3.672	3.158	0.86	1.176	3.420	2.941	0.86	1.218
31	24	4.140	3.064	0.74	1.155	3.888	2.877	0.74	1.208	3.672	2.717	0.74	1.260
31	26	4.356	2.701	0.62	1.197	4.104	2.544	0.62	1.250	3.852	2.388	0.62	1.302
32	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
32	20	3.708	3.708	1.00	1.071	3.456	3.456	1.00	1.124	3.204	3.204	1.00	1.187
32	22	3.924	3.532	0.90	1.113	3.672	3.305	0.90	1.176	3.420	3.078	0.90	1.218
32	24	4.140	3.229	0.78	1.155	3.888	3.033	0.78	1.208	3.672	2.864	0.78	1.260
32	26	4.356	2.875	0.66	1.197	4.104	2.709	0.66	1.250	3.852	2.542	0.66	1.302

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-KA50VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.584	0.61	1.238	5.625	3.431	0.61	1.299	5.400	3.294	0.61	1.361	5.200	3.172	0.61	1.423
21	20	6.125	3.001	0.49	1.299	5.875	2.879	0.49	1.377	5.700	2.793	0.49	1.408	5.500	2.695	0.49	1.470
22	18	5.875	3.819	0.65	1.238	5.625	3.656	0.65	1.299	5.400	3.510	0.65	1.361	5.200	3.380	0.65	1.423
22	20	6.125	3.246	0.53	1.299	5.875	3.114	0.53	1.377	5.700	3.021	0.53	1.408	5.500	2.915	0.53	1.470
22	22	6.375	2.614	0.41	1.346	6.150	2.522	0.41	1.431	6.000	2.460	0.41	1.470	5.750	2.358	0.41	1.532
23	18	5.875	4.054	0.69	1.238	5.625	3.881	0.69	1.299	5.400	3.726	0.69	1.361	5.200	3.588	0.69	1.423
23	20	6.125	3.491	0.57	1.299	5.875	3.349	0.57	1.377	5.700	3.249	0.57	1.408	5.500	3.135	0.57	1.470
23	22	6.375	2.869	0.45	1.346	6.150	2.768	0.45	1.431	6.000	2.700	0.45	1.470	5.750	2.588	0.45	1.532
24	18	5.875	4.289	0.73	1.238	5.625	4.106	0.73	1.299	5.400	3.942	0.73	1.361	5.200	3.796	0.73	1.423
24	20	6.125	3.736	0.61	1.299	5.875	3.584	0.61	1.377	5.700	3.477	0.61	1.408	5.500	3.355	0.61	1.470
24	22	6.375	3.124	0.49	1.346	6.150	3.014	0.49	1.431	6.000	2.940	0.49	1.470	5.750	2.818	0.49	1.532
24	24	6.700	2.479	0.37	1.408	6.450	2.387	0.37	1.485	6.300	2.331	0.37	1.532	6.100	2.257	0.37	1.609
25	20	6.125	3.981	0.65	1.299	5.875	3.819	0.65	1.377	5.700	3.705	0.65	1.408	5.500	3.575	0.65	1.470
25	22	6.375	3.379	0.53	1.346	6.150	3.260	0.53	1.431	6.000	3.180	0.53	1.470	5.750	3.048	0.53	1.532
25	24	6.700	2.747	0.41	1.408	6.450	2.645	0.41	1.485	6.300	2.583	0.41	1.532	6.100	2.501	0.41	1.609
26	18	5.875	4.759	0.81	1.238	5.625	4.556	0.81	1.299	5.400	4.374	0.81	1.361	5.200	4.212	0.81	1.423
26	20	6.125	4.226	0.69	1.299	5.875	4.054	0.69	1.377	5.700	3.933	0.69	1.408	5.500	3.795	0.69	1.470
26	22	6.375	3.634	0.57	1.346	6.150	3.506	0.57	1.431	6.000	3.420	0.57	1.470	5.750	3.278	0.57	1.532
26	24	6.700	3.015	0.45	1.408	6.450	2.903	0.45	1.485	6.300	2.835	0.45	1.532	6.100	2.745	0.45	1.609
26	26	6.900	2.277	0.33	1.485	6.700	2.211	0.33	1.562	6.600	2.178	0.33	1.609	6.400	2.112	0.33	1.655
27	18	5.875	4.994	0.85	1.238	5.625	4.781	0.85	1.299	5.400	4.590	0.85	1.361	5.200	4.420	0.85	1.423
27	20	6.125	4.471	0.73	1.299	5.875	4.289	0.73	1.377	5.700	4.161	0.73	1.408	5.500	4.015	0.73	1.470
27	22	6.375	3.889	0.61	1.346	6.150	3.752	0.61	1.431	6.000	3.660	0.61	1.470	5.750	3.508	0.61	1.532
27	24	6.700	3.283	0.49	1.408	6.450	3.161	0.49	1.485	6.300	3.087	0.49	1.532	6.100	2.989	0.49	1.609
27	26	6.900	2.553	0.37	1.485	6.700	2.479	0.37	1.562	6.600	2.442	0.37	1.609	6.400	2.368	0.37	1.655
28	18	5.875	5.229	0.89	1.238	5.625	5.006	0.89	1.299	5.400	4.806	0.89	1.361	5.200	4.628	0.89	1.423
28	20	6.125	4.716	0.77	1.299	5.875	4.524	0.77	1.377	5.700	4.389	0.77	1.408	5.500	4.235	0.77	1.470
28	22	6.375	4.144	0.65	1.346	6.150	3.998	0.65	1.431	6.000	3.900	0.65	1.470	5.750	3.738	0.65	1.532
28	24	6.700	3.551	0.53	1.408	6.450	3.419	0.53	1.485	6.300	3.339	0.53	1.532	6.100	3.233	0.53	1.609
28	26	6.900	2.829	0.41	1.485	6.700	2.747	0.41	1.562	6.600	2.706	0.41	1.609	6.400	2.624	0.41	1.655
29	18	5.875	5.464	0.93	1.238	5.625	5.231	0.93	1.299	5.400	5.022	0.93	1.361	5.200	4.836	0.93	1.423
29	20	6.125	4.961	0.81	1.299	5.875	4.759	0.81	1.377	5.700	4.617	0.81	1.408	5.500	4.455	0.81	1.470
29	22	6.375	4.399	0.69	1.346	6.150	4.244	0.69	1.431	6.000	4.140	0.69	1.470	5.750	3.968	0.69	1.532
29	24	6.700	3.819	0.57	1.408	6.450	3.677	0.57	1.485	6.300	3.591	0.57	1.532	6.100	3.477	0.57	1.609
29	26	6.900	3.105	0.45	1.485	6.700	3.015	0.45	1.562	6.600	2.970	0.45	1.609	6.400	2.880	0.45	1.655
30	18	5.875	5.699	0.97	1.238	5.625	5.456	0.97	1.299	5.400	5.238	0.97	1.361	5.200	5.044	0.97	1.423
30	20	6.125	5.206	0.85	1.299	5.875	4.994	0.85	1.377	5.700	4.845	0.85	1.408	5.500	4.675	0.85	1.470
30	22	6.375	4.654	0.73	1.346	6.150	4.490	0.73	1.431	6.000	4.380	0.73	1.470	5.750	4.198	0.73	1.532
30	24	6.700	4.087	0.61	1.408	6.450	3.935	0.61	1.485	6.300	3.843	0.61	1.532	6.100	3.721	0.61	1.609
30	26	6.900	3.381	0.49	1.485	6.700	3.283	0.49	1.562	6.600	3.234	0.49	1.609	6.400	3.136	0.49	1.655
31	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
31	20	6.125	5.451	0.89	1.299	5.875	5.229	0.89	1.377	5.700	5.073	0.89	1.408	5.500	4.895	0.89	1.470
31	22	6.375	4.909	0.77	1.346	6.150	4.736	0.77	1.431	6.000	4.620	0.77	1.470	5.750	4.428	0.77	1.532
31	24	6.700	4.355	0.65	1.408	6.450	4.193	0.65	1.485	6.300	4.095	0.65	1.532	6.100	3.965	0.65	1.609
31	26	6.900	3.657	0.53	1.485	6.700	3.551	0.53	1.562	6.600	3.498	0.53	1.609	6.400	3.392	0.53	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	5.696	0.93	1.299	5.875	5.464	0.93	1.377	5.700	5.301	0.93	1.408	5.500	5.115	0.93	1.470
32	22	6.375	5.164	0.81	1.346	6.150	4.982	0.81	1.431	6.000	4.860	0.81	1.470	5.750	4.658	0.81	1.532
32	24	6.700	4.623	0.69	1.408	6.450	4.451	0.69	1.485	6.300	4.347	0.69	1.532	6.100	4.209	0.69	1.609
32	26	6.900	3.933	0.57	1.485	6.700	3.819	0.57	1.562	6.600	3.762	0.57	1.609	6.400	3.648	0.57	1.655

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.989	0.61	1.516	4.500	2.745	0.61	1.609	4.150	2.532	0.61	1.671
21	20	5.150	2.524	0.49	1.578	4.800	2.352	0.49	1.655	4.450	2.181	0.49	1.748
22	18	4.900	3.185	0.65	1.516	4.500	2.925	0.65	1.609	4.150	2.698	0.65	1.671
22	20	5.150	2.730	0.53	1.578	4.800	2.544	0.53	1.655	4.450	2.359	0.53	1.748
22	22	5.450	2.235	0.41	1.640	5.100	2.091	0.41	1.733	4.750	1.948	0.41	1.795
23	18	4.900	3.381	0.69	1.516	4.500	3.105	0.69	1.609	4.150	2.864	0.69	1.671
23	20	5.150	2.936	0.57	1.578	4.800	2.736	0.57	1.655	4.450	2.537	0.57	1.748
23	22	5.450	2.453	0.45	1.640	5.100	2.295	0.45	1.733	4.750	2.138	0.45	1.795
24	18	4.900	3.577	0.73	1.516	4.500	3.285	0.73	1.609	4.150	3.030	0.73	1.671
24	20	5.150	3.142	0.61	1.578	4.800	2.928	0.61	1.655	4.450	2.715	0.61	1.748
24	22	5.450	2.671	0.49	1.640	5.100	2.499	0.49	1.733	4.750	2.328	0.49	1.795
24	24	5.750	2.128	0.37	1.702	5.400	1.998	0.37	1.779	5.100	1.887	0.37	1.856
25	20	5.150	3.348	0.65	1.578	4.800	3.120	0.65	1.655	4.450	2.893	0.65	1.748
25	22	5.450	2.889	0.53	1.640	5.100	2.703	0.53	1.733	4.750	2.518	0.53	1.795
25	24	5.750	2.358	0.41	1.702	5.400	2.214	0.41	1.779	5.100	2.091	0.41	1.856
26	18	4.900	3.969	0.81	1.516	4.500	3.645	0.81	1.609	4.150	3.362	0.81	1.671
26	20	5.150	3.554	0.69	1.578	4.800	3.312	0.69	1.655	4.450	3.071	0.69	1.748
26	22	5.450	3.107	0.57	1.640	5.100	2.907	0.57	1.733	4.750	2.708	0.57	1.795
26	24	5.750	2.588	0.45	1.702	5.400	2.430	0.45	1.779	5.100	2.295	0.45	1.856
26	26	6.050	1.997	0.33	1.764	5.700	1.881	0.33	1.841	5.350	1.766	0.33	1.918
27	18	4.900	4.165	0.85	1.516	4.500	3.825	0.85	1.609	4.150	3.528	0.85	1.671
27	20	5.150	3.760	0.73	1.578	4.800	3.504	0.73	1.655	4.450	3.249	0.73	1.748
27	22	5.450	3.325	0.61	1.640	5.100	3.111	0.61	1.733	4.750	2.898	0.61	1.795
27	24	5.750	2.818	0.49	1.702	5.400	2.646	0.49	1.779	5.100	2.499	0.49	1.856
27	26	6.050	2.239	0.37	1.764	5.700	2.109	0.37	1.841	5.350	1.980	0.37	1.918
28	18	4.900	4.361	0.89	1.516	4.500	4.005	0.89	1.609	4.150	3.694	0.89	1.671
28	20	5.150	3.966	0.77	1.578	4.800	3.696	0.77	1.655	4.450	3.427	0.77	1.748
28	22	5.450	3.543	0.65	1.640	5.100	3.315	0.65	1.733	4.750	3.088	0.65	1.795
28	24	5.750	3.048	0.53	1.702	5.400	2.862	0.53	1.779	5.100	2.703	0.53	1.856
28	26	6.050	2.481	0.41	1.764	5.700	2.337	0.41	1.841	5.350	2.194	0.41	1.918
29	18	4.900	4.557	0.93	1.516	4.500	4.185	0.93	1.609	4.150	3.860	0.93	1.671
29	20	5.150	4.172	0.81	1.578	4.800	3.888	0.81	1.655	4.450	3.605	0.81	1.748
29	22	5.450	3.761	0.69	1.640	5.100	3.519	0.69	1.733	4.750	3.278	0.69	1.795
29	24	5.750	3.278	0.57	1.702	5.400	3.078	0.57	1.779	5.100	2.907	0.57	1.856
29	26	6.050	2.723	0.45	1.764	5.700	2.565	0.45	1.841	5.350	2.408	0.45	1.918
30	18	4.900	4.753	0.97	1.516	4.500	4.365	0.97	1.609	4.150	4.026	0.97	1.671
30	20	5.150	4.378	0.85	1.578	4.800	4.080	0.85	1.655	4.450	3.783	0.85	1.748
30	22	5.450	3.979	0.73	1.640	5.100	3.723	0.73	1.733	4.750	3.468	0.73	1.795
30	24	5.750	3.508	0.61	1.702	5.400	3.294	0.61	1.779	5.100	3.111	0.61	1.856
30	26	6.050	2.965	0.49	1.764	5.700	2.793	0.49	1.841	5.350	2.622	0.49	1.918
31	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
31	20	5.150	4.584	0.89	1.578	4.800	4.272	0.89	1.655	4.450	3.961	0.89	1.748
31	22	5.450	4.197	0.77	1.640	5.100	3.927	0.77	1.733	4.750	3.658	0.77	1.795
31	24	5.750	3.738	0.65	1.702	5.400	3.510	0.65	1.779	5.100	3.315	0.65	1.856
31	26	6.050	3.207	0.53	1.764	5.700	3.021	0.53	1.841	5.350	2.836	0.53	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	4.790	0.93	1.578	4.800	4.464	0.93	1.655	4.450	4.139	0.93	1.748
32	22	5.450	4.415	0.81	1.640	5.100	4.131	0.81	1.733	4.750	3.848	0.81	1.795
32	24	5.750	3.968	0.69	1.702	5.400	3.726	0.69	1.779	5.100	3.519	0.69	1.856
32	26	6.050	3.449	0.57	1.764	5.700	3.249	0.57	1.841	5.350	3.050	0.57	1.918

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-KA60VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	4.220	0.63	1.378	6.413	4.040	0.63	1.446	6.156	3.878	0.63	1.515	5.928	3.735	0.63	1.584
21	20	6.983	3.561	0.51	1.446	6.698	3.416	0.51	1.533	6.498	3.314	0.51	1.567	6.270	3.198	0.51	1.636
22	18	6.698	4.488	0.67	1.378	6.413	4.297	0.67	1.446	6.156	4.125	0.67	1.515	5.928	3.972	0.67	1.584
22	20	6.983	3.841	0.55	1.446	6.698	3.684	0.55	1.533	6.498	3.574	0.55	1.567	6.270	3.449	0.55	1.636
22	22	7.268	3.125	0.43	1.498	7.011	3.015	0.43	1.593	6.840	2.941	0.43	1.636	6.555	2.819	0.43	1.705
23	18	6.698	4.756	0.71	1.378	6.413	4.553	0.71	1.446	6.156	4.371	0.71	1.515	5.928	4.209	0.71	1.584
23	20	6.983	4.120	0.59	1.446	6.698	3.952	0.59	1.533	6.498	3.834	0.59	1.567	6.270	3.699	0.59	1.636
23	22	7.268	3.416	0.47	1.498	7.011	3.295	0.47	1.593	6.840	3.215	0.47	1.636	6.555	3.081	0.47	1.705
24	18	6.698	5.024	0.75	1.378	6.413	4.810	0.75	1.446	6.156	4.617	0.75	1.515	5.928	4.446	0.75	1.584
24	20	6.983	4.399	0.63	1.446	6.698	4.220	0.63	1.533	6.498	4.094	0.63	1.567	6.270	3.950	0.63	1.636
24	22	7.268	3.707	0.51	1.498	7.011	3.576	0.51	1.593	6.840	3.488	0.51	1.636	6.555	3.343	0.51	1.705
24	24	7.638	2.979	0.39	1.567	7.353	2.868	0.39	1.653	7.182	2.801	0.39	1.705	6.954	2.712	0.39	1.791
25	20	6.983	4.679	0.67	1.446	6.698	4.488	0.67	1.533	6.498	4.354	0.67	1.567	6.270	4.201	0.67	1.636
25	22	7.268	3.997	0.55	1.498	7.011	3.856	0.55	1.593	6.840	3.762	0.55	1.636	6.555	3.605	0.55	1.705
25	24	7.638	3.284	0.43	1.567	7.353	3.162	0.43	1.653	7.182	3.088	0.43	1.705	6.954	2.990	0.43	1.791
26	18	6.698	5.559	0.83	1.378	6.413	5.323	0.83	1.446	6.156	5.109	0.83	1.515	5.928	4.920	0.83	1.584
26	20	6.983	4.958	0.71	1.446	6.698	4.756	0.71	1.533	6.498	4.614	0.71	1.567	6.270	4.452	0.71	1.636
26	22	7.268	4.288	0.59	1.498	7.011	4.136	0.59	1.593	6.840	4.036	0.59	1.636	6.555	3.867	0.59	1.705
26	24	7.638	3.590	0.47	1.567	7.353	3.456	0.47	1.653	7.182	3.376	0.47	1.705	6.954	3.268	0.47	1.791
26	26	7.866	2.753	0.35	1.653	7.638	2.673	0.35	1.739	7.524	2.633	0.35	1.791	7.296	2.554	0.35	1.843
27	18	6.698	5.827	0.87	1.378	6.413	5.579	0.87	1.446	6.156	5.356	0.87	1.515	5.928	5.157	0.87	1.584
27	20	6.983	5.237	0.75	1.446	6.698	5.024	0.75	1.533	6.498	4.874	0.75	1.567	6.270	4.703	0.75	1.636
27	22	7.268	4.579	0.63	1.498	7.011	4.417	0.63	1.593	6.840	4.309	0.63	1.636	6.555	4.130	0.63	1.705
27	24	7.638	3.895	0.51	1.567	7.353	3.750	0.51	1.653	7.182	3.663	0.51	1.705	6.954	3.547	0.51	1.791
27	26	7.866	3.068	0.39	1.653	7.638	2.979	0.39	1.739	7.524	2.934	0.39	1.791	7.296	2.845	0.39	1.843
28	18	6.698	6.095	0.91	1.378	6.413	5.836	0.91	1.446	6.156	5.602	0.91	1.515	5.928	5.394	0.91	1.584
28	20	6.983	5.517	0.79	1.446	6.698	5.291	0.79	1.533	6.498	5.133	0.79	1.567	6.270	4.953	0.79	1.636
28	22	7.268	4.870	0.67	1.498	7.011	4.697	0.67	1.593	6.840	4.583	0.67	1.636	6.555	4.392	0.67	1.705
28	24	7.638	4.201	0.55	1.567	7.353	4.044	0.55	1.653	7.182	3.950	0.55	1.705	6.954	3.825	0.55	1.791
28	26	7.866	3.382	0.43	1.653	7.638	3.284	0.43	1.739	7.524	3.235	0.43	1.791	7.296	3.137	0.43	1.843
29	18	6.698	6.363	0.95	1.378	6.413	6.092	0.95	1.446	6.156	5.848	0.95	1.515	5.928	5.632	0.95	1.584
29	20	6.983	5.796	0.83	1.446	6.698	5.559	0.83	1.533	6.498	5.393	0.83	1.567	6.270	5.204	0.83	1.636
29	22	7.268	5.160	0.71	1.498	7.011	4.978	0.71	1.593	6.840	4.856	0.71	1.636	6.555	4.654	0.71	1.705
29	24	7.638	4.506	0.59	1.567	7.353	4.338	0.59	1.653	7.182	4.237	0.59	1.705	6.954	4.103	0.59	1.791
29	26	7.866	3.697	0.47	1.653	7.638	3.590	0.47	1.739	7.524	3.536	0.47	1.791	7.296	3.429	0.47	1.843
30	18	6.698	6.631	0.99	1.378	6.413	6.349	0.99	1.446	6.156	6.094	0.99	1.515	5.928	5.869	0.99	1.584
30	20	6.983	6.075	0.87	1.446	6.698	5.827	0.87	1.533	6.498	5.653	0.87	1.567	6.270	5.455	0.87	1.636
30	22	7.268	5.451	0.75	1.498	7.011	5.258	0.75	1.593	6.840	5.130	0.75	1.636	6.555	4.916	0.75	1.705
30	24	7.638	4.812	0.63	1.567	7.353	4.632	0.63	1.653	7.182	4.525	0.63	1.705	6.954	4.381	0.63	1.791
30	26	7.866	4.012	0.51	1.653	7.638	3.895	0.51	1.739	7.524	3.837	0.51	1.791	7.296	3.721	0.51	1.843
31	18	6.698	6.698	1.00	1.378	6.413	6.413	1.00	1.446	6.156	6.156	1.00	1.515	5.928	5.928	1.00	1.584
31	20	6.983	6.355	0.91	1.446	6.698	6.095	0.91	1.533	6.498	5.913	0.91	1.567	6.270	5.706	0.91	1.636
31	22	7.268	5.742	0.79	1.498	7.011	5.539	0.79	1.593	6.840	5.404	0.79	1.636	6.555	5.178	0.79	1.705
31	24	7.638	5.117	0.67	1.567	7.353	4.927	0.67	1.653	7.182	4.812	0.67	1.705	6.954	4.659	0.67	1.791
31	26	7.866	4.326	0.55	1.653	7.638	4.201	0.55	1.739	7.524	4.138	0.55	1.791	7.296	4.013	0.55	1.843
32	18	6.698	6.698	1.00	1.378	6.413	6.413	1.00	1.446	6.156	6.156	1.00	1.515	5.928	5.928	1.00	1.584
32	20	6.983	6.634	0.95	1.446	6.698	6.363	0.95	1.533	6.498	6.173	0.95	1.567	6.270	5.957	0.95	1.636
32	22	7.268	6.032	0.83	1.498	7.011	5.819	0.83	1.593	6.840	5.677	0.83	1.636	6.555	5.441	0.83	1.705
32	24	7.638	5.423	0.71	1.567	7.353	5.221	0.71	1.653	7.182	5.099	0.71	1.705	6.954	4.937	0.71	1.791
32	26	7.866	4.641	0.59	1.653	7.638	4.506	0.59	1.739	7.524	4.439	0.59	1.791	7.296	4.305	0.59	1.843

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-KA60VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	3.519	0.63	1.688	5.130	3.232	0.63	1.791	4.731	2.981	0.63	1.860
21	20	5.871	2.994	0.51	1.756	5.472	2.791	0.51	1.843	5.073	2.587	0.51	1.946
22	18	5.586	3.743	0.67	1.688	5.130	3.437	0.67	1.791	4.731	3.170	0.67	1.860
22	20	5.871	3.229	0.55	1.756	5.472	3.010	0.55	1.843	5.073	2.790	0.55	1.946
22	22	6.213	2.672	0.43	1.825	5.814	2.500	0.43	1.929	5.415	2.328	0.43	1.998
23	18	5.586	3.966	0.71	1.688	5.130	3.642	0.71	1.791	4.731	3.359	0.71	1.860
23	20	5.871	3.464	0.59	1.756	5.472	3.228	0.59	1.843	5.073	2.993	0.59	1.946
23	22	6.213	2.920	0.47	1.825	5.814	2.733	0.47	1.929	5.415	2.545	0.47	1.998
24	18	5.586	4.190	0.75	1.688	5.130	3.848	0.75	1.791	4.731	3.548	0.75	1.860
24	20	5.871	3.699	0.63	1.756	5.472	3.447	0.63	1.843	5.073	3.196	0.63	1.946
24	22	6.213	3.169	0.51	1.825	5.814	2.965	0.51	1.929	5.415	2.762	0.51	1.998
24	24	6.555	2.556	0.39	1.894	6.156	2.401	0.39	1.980	5.814	2.267	0.39	2.066
25	20	5.871	3.934	0.67	1.756	5.472	3.666	0.67	1.843	5.073	3.399	0.67	1.946
25	22	6.213	3.417	0.55	1.825	5.814	3.198	0.55	1.929	5.415	2.978	0.55	1.998
25	24	6.555	2.819	0.43	1.894	6.156	2.647	0.43	1.980	5.814	2.500	0.43	2.066
26	18	5.586	4.636	0.83	1.688	5.130	4.258	0.83	1.791	4.731	3.927	0.83	1.860
26	20	5.871	4.168	0.71	1.756	5.472	3.885	0.71	1.843	5.073	3.602	0.71	1.946
26	22	6.213	3.666	0.59	1.825	5.814	3.430	0.59	1.929	5.415	3.195	0.59	1.998
26	24	6.555	3.081	0.47	1.894	6.156	2.893	0.47	1.980	5.814	2.733	0.47	2.066
26	26	6.897	2.414	0.35	1.963	6.498	2.274	0.35	2.049	6.099	2.135	0.35	2.135
27	18	5.586	4.860	0.87	1.688	5.130	4.463	0.87	1.791	4.731	4.116	0.87	1.860
27	20	5.871	4.403	0.75	1.756	5.472	4.104	0.75	1.843	5.073	3.805	0.75	1.946
27	22	6.213	3.914	0.63	1.825	5.814	3.663	0.63	1.929	5.415	3.411	0.63	1.998
27	24	6.555	3.343	0.51	1.894	6.156	3.140	0.51	1.980	5.814	2.965	0.51	2.066
27	26	6.897	2.690	0.39	1.963	6.498	2.534	0.39	2.049	6.099	2.379	0.39	2.135
28	18	5.586	5.083	0.91	1.688	5.130	4.668	0.91	1.791	4.731	4.305	0.91	1.860
28	20	5.871	4.638	0.79	1.756	5.472	4.323	0.79	1.843	5.073	4.008	0.79	1.946
28	22	6.213	4.163	0.67	1.825	5.814	3.895	0.67	1.929	5.415	3.628	0.67	1.998
28	24	6.555	3.605	0.55	1.894	6.156	3.386	0.55	1.980	5.814	3.198	0.55	2.066
28	26	6.897	2.966	0.43	1.963	6.498	2.794	0.43	2.049	6.099	2.623	0.43	2.135
29	18	5.586	5.307	0.95	1.688	5.130	4.874	0.95	1.791	4.731	4.494	0.95	1.860
29	20	5.871	4.873	0.83	1.756	5.472	4.542	0.83	1.843	5.073	4.211	0.83	1.946
29	22	6.213	4.411	0.71	1.825	5.814	4.128	0.71	1.929	5.415	3.845	0.71	1.998
29	24	6.555	3.867	0.59	1.894	6.156	3.632	0.59	1.980	5.814	3.430	0.59	2.066
29	26	6.897	3.242	0.47	1.963	6.498	3.054	0.47	2.049	6.099	2.867	0.47	2.135
30	18	5.586	5.530	0.99	1.688	5.130	5.079	0.99	1.791	4.731	4.684	0.99	1.860
30	20	5.871	5.108	0.87	1.756	5.472	4.761	0.87	1.843	5.073	4.414	0.87	1.946
30	22	6.213	4.660	0.75	1.825	5.814	4.361	0.75	1.929	5.415	4.061	0.75	1.998
30	24	6.555	4.130	0.63	1.894	6.156	3.878	0.63	1.980	5.814	3.663	0.63	2.066
30	26	6.897	3.517	0.51	1.963	6.498	3.314	0.51	2.049	6.099	3.110	0.51	2.135
31	18	5.586	5.586	1.00	1.688	5.130	5.130	1.00	1.791	4.731	4.731	1.00	1.860
31	20	5.871	5.343	0.91	1.756	5.472	4.980	0.91	1.843	5.073	4.616	0.91	1.946
31	22	6.213	4.908	0.79	1.825	5.814	4.593	0.79	1.929	5.415	4.278	0.79	1.998
31	24	6.555	4.392	0.67	1.894	6.156	4.125	0.67	1.980	5.814	3.895	0.67	2.066
31	26	6.897	3.793	0.55	1.963	6.498	3.574	0.55	2.049	6.099	3.354	0.55	2.135
32	18	5.586	5.586	1.00	1.688	5.130	5.130	1.00	1.791	4.731	4.731	1.00	1.860
32	20	5.871	5.577	0.95	1.756	5.472	5.198	0.95	1.843	5.073	4.819	0.95	1.946
32	22	6.213	5.157	0.83	1.825	5.814	4.826	0.83	1.929	5.415	4.494	0.83	1.998
32	24	6.555	4.654	0.71	1.894	6.156	4.371	0.71	1.980	5.814	4.128	0.71	2.066
32	26	6.897	4.069	0.59	1.963	6.498	3.834	0.59	2.049	6.099	3.598	0.59	2.135

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-KA71VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.839	0.58	1.646	7.988	4.633	0.58	1.728	7.668	4.447	0.58	1.810	7.384	4.283	0.58	1.892
21	20	8.698	4.001	0.46	1.728	8.343	3.838	0.46	1.831	8.094	3.723	0.46	1.872	7.810	3.593	0.46	1.954
22	18	8.343	5.173	0.62	1.646	7.988	4.953	0.62	1.728	7.668	4.754	0.62	1.810	7.384	4.578	0.62	1.892
22	20	8.698	4.349	0.50	1.728	8.343	4.172	0.50	1.831	8.094	4.047	0.50	1.872	7.810	3.905	0.50	1.954
22	22	9.053	3.440	0.38	1.790	8.733	3.319	0.38	1.903	8.520	3.238	0.38	1.954	8.165	3.103	0.38	2.036
23	18	8.343	5.506	0.66	1.646	7.988	5.272	0.66	1.728	7.668	5.061	0.66	1.810	7.384	4.873	0.66	1.892
23	20	8.698	4.697	0.54	1.728	8.343	4.505	0.54	1.831	8.094	4.371	0.54	1.872	7.810	4.217	0.54	1.954
23	22	9.053	3.802	0.42	1.790	8.733	3.668	0.42	1.903	8.520	3.578	0.42	1.954	8.165	3.429	0.42	2.036
24	18	8.343	5.840	0.70	1.646	7.988	5.592	0.70	1.728	7.668	5.368	0.70	1.810	7.384	5.169	0.70	1.892
24	20	8.698	5.045	0.58	1.728	8.343	4.839	0.58	1.831	8.094	4.695	0.58	1.872	7.810	4.530	0.58	1.954
24	22	9.053	4.164	0.46	1.790	8.733	4.017	0.46	1.903	8.520	3.919	0.46	1.954	8.165	3.756	0.46	2.036
24	24	9.514	3.235	0.34	1.872	9.159	3.114	0.34	1.975	8.946	3.042	0.34	2.036	8.662	2.945	0.34	2.139
25	20	8.698	5.393	0.62	1.728	8.343	5.173	0.62	1.831	8.094	5.018	0.62	1.872	7.810	4.842	0.62	1.954
25	22	9.053	4.527	0.50	1.790	8.733	4.367	0.50	1.903	8.520	4.260	0.50	1.954	8.165	4.083	0.50	2.036
25	24	9.514	3.615	0.38	1.872	9.159	3.480	0.38	1.975	8.946	3.399	0.38	2.036	8.662	3.292	0.38	2.139
26	18	8.343	6.508	0.78	1.646	7.988	6.231	0.78	1.728	7.668	5.981	0.78	1.810	7.384	5.760	0.78	1.892
26	20	8.698	5.741	0.66	1.728	8.343	5.506	0.66	1.831	8.094	5.342	0.66	1.872	7.810	5.155	0.66	1.954
26	22	9.053	4.889	0.54	1.790	8.733	4.716	0.54	1.903	8.520	4.601	0.54	1.954	8.165	4.409	0.54	2.036
26	24	9.514	3.996	0.42	1.872	9.159	3.847	0.42	1.975	8.946	3.757	0.42	2.036	8.662	3.638	0.42	2.139
26	26	9.798	2.939	0.30	1.975	9.514	2.854	0.30	2.078	9.372	2.812	0.30	2.139	9.088	2.726	0.30	2.201
27	18	8.343	6.841	0.82	1.646	7.988	6.550	0.82	1.728	7.668	6.288	0.82	1.810	7.384	6.055	0.82	1.892
27	20	8.698	6.089	0.70	1.728	8.343	5.840	0.70	1.831	8.094	5.666	0.70	1.872	7.810	5.467	0.70	1.954
27	22	9.053	5.251	0.58	1.790	8.733	5.065	0.58	1.903	8.520	4.942	0.58	1.954	8.165	4.736	0.58	2.036
27	24	9.514	4.376	0.46	1.872	9.159	4.213	0.46	1.975	8.946	4.115	0.46	2.036	8.662	3.985	0.46	2.139
27	26	9.798	3.331	0.34	1.975	9.514	3.235	0.34	2.078	9.372	3.186	0.34	2.139	9.088	3.090	0.34	2.201
28	18	8.343	7.175	0.86	1.646	7.988	6.870	0.86	1.728	7.668	6.594	0.86	1.810	7.384	6.350	0.86	1.892
28	20	8.698	6.437	0.74	1.728	8.343	6.174	0.74	1.831	8.094	5.990	0.74	1.872	7.810	5.779	0.74	1.954
28	22	9.053	5.613	0.62	1.790	8.733	5.414	0.62	1.903	8.520	5.282	0.62	1.954	8.165	5.062	0.62	2.036
28	24	9.514	4.757	0.50	1.872	9.159	4.580	0.50	1.975	8.946	4.473	0.50	2.036	8.662	4.331	0.50	2.139
28	26	9.798	3.723	0.38	1.975	9.514	3.615	0.38	2.078	9.372	3.561	0.38	2.139	9.088	3.453	0.38	2.201
29	18	8.343	7.509	0.90	1.646	7.988	7.189	0.90	1.728	7.668	6.901	0.90	1.810	7.384	6.646	0.90	1.892
29	20	8.698	6.784	0.78	1.728	8.343	6.508	0.78	1.831	8.094	6.313	0.78	1.872	7.810	6.092	0.78	1.954
29	22	9.053	5.975	0.66	1.790	8.733	5.764	0.66	1.903	8.520	5.623	0.66	1.954	8.165	5.389	0.66	2.036
29	24	9.514	5.138	0.54	1.872	9.159	4.946	0.54	1.975	8.946	4.831	0.54	2.036	8.662	4.677	0.54	2.139
29	26	9.798	4.115	0.42	1.975	9.514	3.996	0.42	2.078	9.372	3.936	0.42	2.139	9.088	3.817	0.42	2.201
30	18	8.343	7.842	0.94	1.646	7.988	7.509	0.94	1.728	7.668	7.208	0.94	1.810	7.384	6.941	0.94	1.892
30	20	8.698	7.132	0.82	1.728	8.343	6.841	0.82	1.831	8.094	6.637	0.82	1.872	7.810	6.404	0.82	1.954
30	22	9.053	6.337	0.70	1.790	8.733	6.113	0.70	1.903	8.520	5.964	0.70	1.954	8.165	5.716	0.70	2.036
30	24	9.514	5.518	0.58	1.872	9.159	5.312	0.58	1.975	8.946	5.189	0.58	2.036	8.662	5.024	0.58	2.139
30	26	9.798	4.507	0.46	1.975	9.514	4.376	0.46	2.078	9.372	4.311	0.46	2.139	9.088	4.180	0.46	2.201
31	18	8.343	8.176	0.98	1.646	7.988	7.828	0.98	1.728	7.668	7.515	0.98	1.810	7.384	7.236	0.98	1.892
31	20	8.698	7.480	0.86	1.728	8.343	7.175	0.86	1.831	8.094	6.961	0.86	1.872	7.810	6.717	0.86	1.954
31	22	9.053	6.699	0.74	1.790	8.733	6.462	0.74	1.903	8.520	6.305	0.74	1.954	8.165	6.042	0.74	2.036
31	24	9.514	5.899	0.62	1.872	9.159	5.679	0.62	1.975	8.946	5.547	0.62	2.036	8.662	5.370	0.62	2.139
31	26	9.798	4.899	0.50	1.975	9.514	4.757	0.50	2.078	9.372	4.686	0.50	2.139	9.088	4.544	0.50	2.201
32	18	8.343	8.343	1.00	1.646	7.988	7.988	1.00	1.728	7.668	7.668	1.00	1.810	7.384	7.384	1.00	1.892
32	20	8.698	7.828	0.90	1.728	8.343	7.509	0.90	1.831	8.094	7.285	0.90	1.872	7.810	7.029	0.90	1.954
32	22	9.053	7.061	0.78	1.790	8.733	6.812	0.78	1.903	8.520	6.646	0.78	1.954	8.165	6.369	0.78	2.036
32	24	9.514	6.279	0.66	1.872	9.159	6.045	0.66	1.975	8.946	5.904	0.66	2.036	8.662	5.717	0.66	2.139
32	26	9.798	5.291	0.54	1.975	9.514	5.138	0.54	2.078	9.372	5.061	0.54	2.139	9.088	4.908	0.54	2.201

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.036	0.58	2.016	6.390	3.706	0.58	2.139	5.893	3.418	0.58	2.222
21	20	7.313	3.364	0.46	2.098	6.816	3.135	0.46	2.201	6.319	2.907	0.46	2.324
22	18	6.958	4.314	0.62	2.016	6.390	3.962	0.62	2.139	5.893	3.654	0.62	2.222
22	20	7.313	3.657	0.50	2.098	6.816	3.408	0.50	2.201	6.319	3.160	0.50	2.324
22	22	7.739	2.941	0.38	2.180	7.242	2.752	0.38	2.304	6.745	2.563	0.38	2.386
23	18	6.958	4.592	0.66	2.016	6.390	4.217	0.66	2.139	5.893	3.889	0.66	2.222
23	20	7.313	3.949	0.54	2.098	6.816	3.681	0.54	2.201	6.319	3.412	0.54	2.324
23	22	7.739	3.250	0.42	2.180	7.242	3.042	0.42	2.304	6.745	2.833	0.42	2.386
24	18	6.958	4.871	0.70	2.016	6.390	4.473	0.70	2.139	5.893	4.125	0.70	2.222
24	20	7.313	4.242	0.58	2.098	6.816	3.953	0.58	2.201	6.319	3.665	0.58	2.324
24	22	7.739	3.560	0.46	2.180	7.242	3.331	0.46	2.304	6.745	3.103	0.46	2.386
24	24	8.165	2.776	0.34	2.263	7.668	2.607	0.34	2.366	7.242	2.462	0.34	2.468
25	20	7.313	4.534	0.62	2.098	6.816	4.226	0.62	2.201	6.319	3.918	0.62	2.324
25	22	7.739	3.870	0.50	2.180	7.242	3.621	0.50	2.304	6.745	3.373	0.50	2.386
25	24	8.165	3.103	0.38	2.263	7.668	2.914	0.38	2.366	7.242	2.752	0.38	2.468
26	18	6.958	5.427	0.78	2.016	6.390	4.984	0.78	2.139	5.893	4.597	0.78	2.222
26	20	7.313	4.827	0.66	2.098	6.816	4.499	0.66	2.201	6.319	4.171	0.66	2.324
26	22	7.739	4.179	0.54	2.180	7.242	3.911	0.54	2.304	6.745	3.642	0.54	2.386
26	24	8.165	3.429	0.42	2.263	7.668	3.221	0.42	2.366	7.242	3.042	0.42	2.468
26	26	8.591	2.577	0.30	2.345	8.094	2.428	0.30	2.448	7.597	2.279	0.30	2.551
27	18	6.958	5.706	0.82	2.016	6.390	5.240	0.82	2.139	5.893	4.832	0.82	2.222
27	20	7.313	5.119	0.70	2.098	6.816	4.771	0.70	2.201	6.319	4.423	0.70	2.324
27	22	7.739	4.489	0.58	2.180	7.242	4.200	0.58	2.304	6.745	3.912	0.58	2.386
27	24	8.165	3.756	0.46	2.263	7.668	3.527	0.46	2.366	7.242	3.331	0.46	2.468
27	26	8.591	2.921	0.34	2.345	8.094	2.752	0.34	2.448	7.597	2.583	0.34	2.551
28	18	6.958	5.984	0.86	2.016	6.390	5.495	0.86	2.139	5.893	5.068	0.86	2.222
28	20	7.313	5.412	0.74	2.098	6.816	5.044	0.74	2.201	6.319	4.676	0.74	2.324
28	22	7.739	4.798	0.62	2.180	7.242	4.490	0.62	2.304	6.745	4.182	0.62	2.386
28	24	8.165	4.083	0.50	2.263	7.668	3.834	0.50	2.366	7.242	3.621	0.50	2.468
28	26	8.591	3.265	0.38	2.345	8.094	3.076	0.38	2.448	7.597	2.887	0.38	2.551
29	18	6.958	6.262	0.90	2.016	6.390	5.751	0.90	2.139	5.893	5.304	0.90	2.222
29	20	7.313	5.704	0.78	2.098	6.816	5.316	0.78	2.201	6.319	4.929	0.78	2.324
29	22	7.739	5.108	0.66	2.180	7.242	4.780	0.66	2.304	6.745	4.452	0.66	2.386
29	24	8.165	4.409	0.54	2.263	7.668	4.141	0.54	2.366	7.242	3.911	0.54	2.468
29	26	8.591	3.608	0.42	2.345	8.094	3.399	0.42	2.448	7.597	3.191	0.42	2.551
30	18	6.958	6.541	0.94	2.016	6.390	6.007	0.94	2.139	5.893	5.539	0.94	2.222
30	20	7.313	5.997	0.82	2.098	6.816	5.589	0.82	2.201	6.319	5.182	0.82	2.324
30	22	7.739	5.417	0.70	2.180	7.242	5.069	0.70	2.304	6.745	4.722	0.70	2.386
30	24	8.165	4.736	0.58	2.263	7.668	4.447	0.58	2.366	7.242	4.200	0.58	2.468
30	26	8.591	3.952	0.46	2.345	8.094	3.723	0.46	2.448	7.597	3.495	0.46	2.551
31	18	6.958	6.819	0.98	2.016	6.390	6.262	0.98	2.139	5.893	5.775	0.98	2.222
31	20	7.313	6.289	0.86	2.098	6.816	5.862	0.86	2.201	6.319	5.434	0.86	2.324
31	22	7.739	5.727	0.74	2.180	7.242	5.359	0.74	2.304	6.745	4.991	0.74	2.386
31	24	8.165	5.062	0.62	2.263	7.668	4.754	0.62	2.366	7.242	4.490	0.62	2.468
31	26	8.591	4.296	0.50	2.345	8.094	4.047	0.50	2.448	7.597	3.799	0.50	2.551
32	18	6.958	6.958	1.00	2.016	6.390	6.390	1.00	2.139	5.893	5.893	1.00	2.222
32	20	7.313	6.582	0.90	2.098	6.816	6.134	0.90	2.201	6.319	5.687	0.90	2.324
32	22	7.739	6.036	0.78	2.180	7.242	5.649	0.78	2.304	6.745	5.261	0.78	2.386
32	24	8.165	5.389	0.66	2.263	7.668	5.061	0.66	2.366	7.242	4.780	0.66	2.468
32	26	8.591	4.639	0.54	2.345	8.094	4.371	0.54	2.448	7.597	4.102	0.54	2.551

CEILING-SUSPENDED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M100KA2 / PUHZ-P100VKA PUHZ-P100YKA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.235	0.67	2.441	9.024	6.046	0.67	2.578	8.742	5.857	0.67	2.731
20	18	9.964	5.480	0.55	2.487	9.682	5.325	0.55	2.624	9.353	5.144	0.55	2.807
20	20	10.716	4.608	0.43	2.563	10.481	4.507	0.43	2.685	10.199	4.386	0.43	2.868
22	16	9.306	6.980	0.75	2.441	9.024	6.768	0.75	2.578	8.742	6.557	0.75	2.731
22	18	9.964	6.277	0.63	2.487	9.682	6.100	0.63	2.624	9.353	5.892	0.63	2.807
22	20	10.716	5.465	0.51	2.563	10.481	5.345	0.51	2.685	10.199	5.201	0.51	2.868
24	16	9.306	7.724	0.83	2.441	9.024	7.490	0.83	2.578	8.742	7.256	0.83	2.731
24	18	9.964	7.074	0.71	2.487	9.682	6.874	0.71	2.624	9.353	6.641	0.71	2.807
24	20	10.716	6.322	0.59	2.563	10.481	6.184	0.59	2.685	10.199	6.017	0.59	2.868
24	22	11.421	5.368	0.47	2.624	11.186	5.257	0.47	2.776	10.904	5.125	0.47	2.959
26	16	9.306	8.468	0.91	2.441	9.024	8.212	0.91	2.578	8.742	7.955	0.91	2.731
26	18	9.964	7.872	0.79	2.487	9.682	7.649	0.79	2.624	9.353	7.389	0.79	2.807
26	20	10.716	7.180	0.67	2.563	10.481	7.022	0.67	2.685	10.199	6.833	0.67	2.868
26	22	11.421	6.282	0.55	2.624	11.186	6.152	0.55	2.776	10.904	5.997	0.55	2.959
27	16	9.306	8.841	0.95	2.441	9.024	8.573	0.95	2.578	8.742	8.305	0.95	2.731
27	18	9.964	8.270	0.83	2.487	9.682	8.036	0.83	2.624	9.353	7.763	0.83	2.807
27	20	10.716	7.608	0.71	2.563	10.481	7.442	0.71	2.685	10.199	7.241	0.71	2.868
27	22	11.421	6.738	0.59	2.624	11.186	6.600	0.59	2.776	10.904	6.433	0.59	2.959
28	16	9.306	9.213	0.99	2.441	9.024	8.934	0.99	2.578	8.742	8.655	0.99	2.731
28	18	9.964	8.669	0.87	2.487	9.682	8.423	0.87	2.624	9.353	8.137	0.87	2.807
28	20	10.716	8.037	0.75	2.563	10.481	7.861	0.75	2.685	10.199	7.649	0.75	2.868
28	22	11.421	7.195	0.63	2.624	11.186	7.047	0.63	2.776	10.904	6.870	0.63	2.959
30	16	9.306	9.306	1.00	2.441	9.024	9.024	1.00	2.578	8.742	8.742	1.00	2.731
30	18	9.964	9.466	0.95	2.487	9.682	9.198	0.95	2.624	9.353	8.885	0.95	2.807
30	20	10.716	8.894	0.83	2.563	10.481	8.699	0.83	2.685	10.199	8.465	0.83	2.868
30	22	11.421	8.109	0.71	2.624	11.186	7.942	0.71	2.776	10.904	7.742	0.71	2.959
32	16	9.306	9.306	1.00	2.441	9.024	9.024	1.00	2.578	8.742	8.742	1.00	2.731
32	18	9.964	9.964	1.00	2.487	9.682	9.682	1.00	2.624	9.353	9.353	1.00	2.807
32	20	10.716	9.752	0.91	2.563	10.481	9.538	0.91	2.685	10.199	9.281	0.91	2.868
32	22	11.421	9.023	0.79	2.624	11.186	8.837	0.79	2.776	10.904	8.614	0.79	2.959
34	16	9.306	9.306	1.00	2.441	9.024	9.024	1.00	2.578	8.742	8.742	1.00	2.731
34	18	9.964	9.964	1.00	2.487	9.682	9.682	1.00	2.624	9.353	9.353	1.00	2.807
34	20	10.716	10.609	0.99	2.563	10.481	10.376	0.99	2.685	10.199	10.097	0.99	2.868
34	22	11.421	9.936	0.87	2.624	11.186	9.732	0.87	2.776	10.904	9.486	0.87	2.959

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.605	0.67	2.929	7.990	5.353	0.67	3.143	7.614	5.101	0.67	3.402
20	18	9.024	4.963	0.55	3.005	8.742	4.808	0.55	3.234	8.178	4.498	0.55	3.478
20	20	9.776	4.204	0.43	3.082	9.400	4.042	0.43	3.295	8.836	3.799	0.43	3.539
22	16	8.366	6.275	0.75	2.929	7.990	5.993	0.75	3.143	7.614	5.711	0.75	3.402
22	18	9.024	5.685	0.63	3.005	8.742	5.507	0.63	3.234	8.178	5.152	0.63	3.478
22	20	9.776	4.986	0.51	3.082	9.400	4.794	0.51	3.295	8.836	4.506	0.51	3.539
24	16	8.366	6.944	0.83	2.929	7.990	6.632	0.83	3.143	7.614	6.320	0.83	3.402
24	18	9.024	6.407	0.71	3.005	8.742	6.207	0.71	3.234	8.178	5.806	0.71	3.478
24	20	9.776	5.768	0.59	3.082	9.400	5.546	0.59	3.295	8.836	5.213	0.59	3.539
24	22	10.528	4.948	0.47	3.143	10.152	4.771	0.47	3.387	9.588	4.506	0.47	3.600
26	16	8.366	7.613	0.91	2.929	7.990	7.271	0.91	3.143	7.614	6.929	0.91	3.402
26	18	9.024	7.129	0.79	3.005	8.742	6.906	0.79	3.234	8.178	6.461	0.79	3.478
26	20	9.776	6.550	0.67	3.082	9.400	6.298	0.67	3.295	8.836	5.920	0.67	3.539
26	22	10.528	5.790	0.55	3.143	10.152	5.584	0.55	3.387	9.588	5.273	0.55	3.600
27	16	8.366	7.948	0.95	2.929	7.990	7.591	0.95	3.143	7.614	7.233	0.95	3.402
27	18	9.024	7.490	0.83	3.005	8.742	7.256	0.83	3.234	8.178	6.788	0.83	3.478
27	20	9.776	6.941	0.71	3.082	9.400	6.674	0.71	3.295	8.836	6.274	0.71	3.539
27	22	10.528	6.212	0.59	3.143	10.152	5.990	0.59	3.387	9.588	5.657	0.59	3.600
28	16	8.366	8.282	0.99	2.929	7.990	7.910	0.99	3.143	7.614	7.538	0.99	3.402
28	18	9.024	7.851	0.87	3.005	8.742	7.606	0.87	3.234	8.178	7.115	0.87	3.478
28	20	9.776	7.332	0.75	3.082	9.400	7.050	0.75	3.295	8.836	6.627	0.75	3.539
28	22	10.528	6.633	0.63	3.143	10.152	6.396	0.63	3.387	9.588	6.040	0.63	3.600
30	16	8.366	8.366	1.00	2.929	7.990	7.990	1.00	3.143	7.614	7.614	1.00	3.402
30	18	9.024	8.573	0.95	3.005	8.742	8.305	0.95	3.234	8.178	7.769	0.95	3.478
30	20	9.776	8.114	0.83	3.082	9.400	7.802	0.83	3.295	8.836	7.334	0.83	3.539
30	22	10.528	7.475	0.71	3.143	10.152	7.208	0.71	3.387	9.588	6.807	0.71	3.600
32	16	8.366	8.366	1.00	2.929	7.990	7.990	1.00	3.143	7.614	7.614	1.00	3.402
32	18	9.024	9.024	1.00	3.005	8.742	8.742	1.00	3.234	8.178	8.178	1.00	3.478
32	20	9.776	8.896	0.91	3.082	9.400	8.554	0.91	3.295	8.836	8.041	0.91	3.539
32	22	10.528	8.317	0.79	3.143	10.152	8.020	0.79	3.387	9.588	7.575	0.79	3.600
34	16	8.366	8.366	1.00	2.929	7.990	7.990	1.00	3.143	7.614	7.614	1.00	3.402
34	18	9.024	9.024	1.00	3.005	8.742	8.742	1.00	3.234	8.178	8.178	1.00	3.478
34	20	9.776	9.678	0.99	3.082	9.400	9.306	0.99	3.295	8.836	8.748	0.99	3.539
34	22	10.528	9.159	0.87	3.143	10.152	8.832	0.87	3.387	9.588	8.342	0.87	3.600

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M125KA2 / PUHZ-P125VKA PUHZ-P125YK

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.427	0.62	3.396	11.616	7.202	0.62	3.587	11.253	6.977	0.62	3.799
20	18	12.826	6.413	0.50	3.460	12.463	6.232	0.50	3.651	12.040	6.020	0.50	3.905
20	20	13.794	5.242	0.38	3.566	13.492	5.127	0.38	3.736	13.129	4.989	0.38	3.990
22	16	11.979	8.385	0.70	3.396	11.616	8.131	0.70	3.587	11.253	7.877	0.70	3.799
22	18	12.826	7.439	0.58	3.460	12.463	7.229	0.58	3.651	12.040	6.983	0.58	3.905
22	20	13.794	6.345	0.46	3.566	13.492	6.206	0.46	3.736	13.129	6.039	0.46	3.990
24	16	11.979	9.344	0.78	3.396	11.616	9.060	0.78	3.587	11.253	8.777	0.78	3.799
24	18	12.826	8.465	0.66	3.460	12.463	8.226	0.66	3.651	12.040	7.946	0.66	3.905
24	20	13.794	7.449	0.54	3.566	13.492	7.286	0.54	3.736	13.129	7.090	0.54	3.990
24	22	14.702	6.175	0.42	3.651	14.399	6.048	0.42	3.863	14.036	5.895	0.42	4.118
26	16	11.979	10.302	0.86	3.396	11.616	9.990	0.86	3.587	11.253	9.678	0.86	3.799
26	18	12.826	9.491	0.74	3.460	12.463	9.223	0.74	3.651	12.040	8.910	0.74	3.905
26	20	13.794	8.552	0.62	3.566	13.492	8.365	0.62	3.736	13.129	8.140	0.62	3.990
26	22	14.702	7.351	0.50	3.651	14.399	7.200	0.50	3.863	14.036	7.018	0.50	4.118
27	16	11.979	10.781	0.90	3.396	11.616	10.454	0.90	3.587	11.253	10.128	0.90	3.799
27	18	12.826	10.004	0.78	3.460	12.463	9.721	0.78	3.651	12.040	9.391	0.78	3.905
27	20	13.794	9.104	0.66	3.566	13.492	8.905	0.66	3.736	13.129	8.665	0.66	3.990
27	22	14.702	7.939	0.54	3.651	14.399	7.775	0.54	3.863	14.036	7.579	0.54	4.118
28	16	11.979	11.260	0.94	3.396	11.616	10.919	0.94	3.587	11.253	10.578	0.94	3.799
28	18	12.826	10.517	0.82	3.460	12.463	10.220	0.82	3.651	12.040	9.873	0.82	3.905
28	20	13.794	9.656	0.70	3.566	13.492	9.444	0.70	3.736	13.129	9.190	0.70	3.990
28	22	14.702	8.527	0.58	3.651	14.399	8.351	0.58	3.863	14.036	8.141	0.58	4.118
30	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
30	18	12.826	11.543	0.90	3.460	12.463	11.217	0.90	3.651	12.040	10.836	0.90	3.905
30	20	13.794	10.759	0.78	3.566	13.492	10.524	0.78	3.736	13.129	10.241	0.78	3.990
30	22	14.702	9.703	0.66	3.651	14.399	9.503	0.66	3.863	14.036	9.264	0.66	4.118
32	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
32	18	12.826	12.569	0.98	3.460	12.463	12.214	0.98	3.651	12.040	11.799	0.98	3.905
32	20	13.794	11.863	0.86	3.566	13.492	11.603	0.86	3.736	13.129	11.291	0.86	3.990
32	22	14.702	10.879	0.74	3.651	14.399	10.655	0.74	3.863	14.036	10.387	0.74	4.118
34	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
34	18	12.826	12.826	1.00	3.460	12.463	12.463	1.00	3.651	12.040	12.040	1.00	3.905
34	20	13.794	12.966	0.94	3.566	13.492	12.682	0.94	3.736	13.129	12.341	0.94	3.990
34	22	14.702	12.056	0.82	3.651	14.399	11.807	0.82	3.863	14.036	11.510	0.82	4.118

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.677	0.62	4.075	10.285	6.377	0.62	4.372	9.801	6.077	0.62	4.733
20	18	11.616	5.808	0.50	4.181	11.253	5.627	0.50	4.500	10.527	5.264	0.50	4.839
20	20	12.584	4.782	0.38	4.287	12.100	4.598	0.38	4.585	11.374	4.322	0.38	4.924
22	16	10.769	7.538	0.70	4.075	10.285	7.200	0.70	4.372	9.801	6.861	0.70	4.733
22	18	11.616	6.737	0.58	4.181	11.253	6.527	0.58	4.500	10.527	6.106	0.58	4.839
22	20	12.584	5.789	0.46	4.287	12.100	5.566	0.46	4.585	11.374	5.232	0.46	4.924
24	16	10.769	8.400	0.78	4.075	10.285	8.022	0.78	4.372	9.801	7.645	0.78	4.733
24	18	11.616	7.667	0.66	4.181	11.253	7.427	0.66	4.500	10.527	6.948	0.66	4.839
24	20	12.584	6.795	0.54	4.287	12.100	6.534	0.54	4.585	11.374	6.142	0.54	4.924
24	22	13.552	5.692	0.42	4.372	13.068	5.489	0.42	4.712	12.342	5.184	0.42	5.009
26	16	10.769	9.261	0.86	4.075	10.285	8.845	0.86	4.372	9.801	8.429	0.86	4.733
26	18	11.616	8.596	0.74	4.181	11.253	8.327	0.74	4.500	10.527	7.790	0.74	4.839
26	20	12.584	7.802	0.62	4.287	12.100	7.502	0.62	4.585	11.374	7.052	0.62	4.924
26	22	13.552	6.776	0.50	4.372	13.068	6.534	0.50	4.712	12.342	6.171	0.50	5.009
27	16	10.769	9.692	0.90	4.075	10.285	9.257	0.90	4.372	9.801	8.821	0.90	4.733
27	18	11.616	9.060	0.78	4.181	11.253	8.777	0.78	4.500	10.527	8.211	0.78	4.839
27	20	12.584	8.305	0.66	4.287	12.100	7.986	0.66	4.585	11.374	7.507	0.66	4.924
27	22	13.552	7.318	0.54	4.372	13.068	7.057	0.54	4.712	12.342	6.665	0.54	5.009
28	16	10.769	10.123	0.94	4.075	10.285	9.668	0.94	4.372	9.801	9.213	0.94	4.733
28	18	11.616	9.525	0.82	4.181	11.253	9.227	0.82	4.500	10.527	8.632	0.82	4.839
28	20	12.584	8.809	0.70	4.287	12.100	8.470	0.70	4.585	11.374	7.962	0.70	4.924
28	22	13.552	7.860	0.58	4.372	13.068	7.579	0.58	4.712	12.342	7.158	0.58	5.009
30	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
30	18	11.616	10.454	0.90	4.181	11.253	10.128	0.90	4.500	10.527	9.474	0.90	4.839
30	20	12.584	9.816	0.78	4.287	12.100	9.438	0.78	4.585	11.374	8.872	0.78	4.924
30	22	13.552	8.944	0.66	4.372	13.068	8.625	0.66	4.712	12.342	8.146	0.66	5.009
32	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
32	18	11.616	11.384	0.98	4.181	11.253	11.028	0.98	4.500	10.527	10.316	0.98	4.839
32	20	12.584	10.822	0.86	4.287	12.100	10.406	0.86	4.585	11.374	9.782	0.86	4.924
32	22	13.552	10.028	0.74	4.372	13.068	9.670	0.74	4.712	12.342	9.133	0.74	5.009
34	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
34	18	11.616	11.616	1.00	4.181	11.253	11.253	1.00	4.500	10.527	10.527	1.00	4.839
34	20	12.584	11.829	0.94	4.287	12.100	11.374	0.94	4.585	11.374	10.692	0.94	4.924
34	22	13.552	11.113	0.82	4.372	13.068	10.716	0.82	4.712	12.342	10.120	0.82	5.009

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M140KA2 / PUHZ-P140VKA PUHZ-P140YKA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.348	0.62	4.514	13.056	8.095	0.62	4.768	12.648	7.842	0.62	5.050
20	18	14.416	7.208	0.50	4.599	14.008	7.004	0.50	4.853	13.532	6.766	0.50	5.192
20	20	15.504	5.892	0.38	4.740	15.164	5.762	0.38	4.966	14.756	5.607	0.38	5.304
22	16	13.464	9.425	0.70	4.514	13.056	9.139	0.70	4.768	12.648	8.854	0.70	5.050
22	18	14.416	8.361	0.58	4.599	14.008	8.125	0.58	4.853	13.532	7.849	0.58	5.192
22	20	15.504	7.132	0.46	4.740	15.164	6.975	0.46	4.966	14.756	6.788	0.46	5.304
24	16	13.464	10.502	0.78	4.514	13.056	10.184	0.78	4.768	12.648	9.865	0.78	5.050
24	18	14.416	9.515	0.66	4.599	14.008	9.245	0.66	4.853	13.532	8.931	0.66	5.192
24	20	15.504	8.372	0.54	4.740	15.164	8.189	0.54	4.966	14.756	7.968	0.54	5.304
24	22	16.524	6.940	0.42	4.853	16.184	6.797	0.42	5.135	15.776	6.626	0.42	5.474
26	16	13.464	11.579	0.86	4.514	13.056	11.228	0.86	4.768	12.648	10.877	0.86	5.050
26	18	14.416	10.668	0.74	4.599	14.008	10.366	0.74	4.853	13.532	10.014	0.74	5.192
26	20	15.504	9.612	0.62	4.740	15.164	9.402	0.62	4.966	14.756	9.149	0.62	5.304
26	22	16.524	8.262	0.50	4.853	16.184	8.092	0.50	5.135	15.776	7.888	0.50	5.474
27	16	13.464	12.118	0.90	4.514	13.056	11.750	0.90	4.768	12.648	11.383	0.90	5.050
27	18	14.416	11.244	0.78	4.599	14.008	10.926	0.78	4.853	13.532	10.555	0.78	5.192
27	20	15.504	10.233	0.66	4.740	15.164	10.008	0.66	4.966	14.756	9.739	0.66	5.304
27	22	16.524	8.923	0.54	4.853	16.184	8.739	0.54	5.135	15.776	8.519	0.54	5.474
28	16	13.464	12.656	0.94	4.514	13.056	12.273	0.94	4.768	12.648	11.889	0.94	5.050
28	18	14.416	11.821	0.82	4.599	14.008	11.487	0.82	4.853	13.532	11.096	0.82	5.192
28	20	15.504	10.853	0.70	4.740	15.164	10.615	0.70	4.966	14.756	10.329	0.70	5.304
28	22	16.524	9.584	0.58	4.853	16.184	9.387	0.58	5.135	15.776	9.150	0.58	5.474
30	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
30	18	14.416	12.974	0.90	4.599	14.008	12.607	0.90	4.853	13.532	12.179	0.90	5.192
30	20	15.504	12.093	0.78	4.740	15.164	11.828	0.78	4.966	14.756	11.510	0.78	5.304
30	22	16.524	10.906	0.66	4.853	16.184	10.681	0.66	5.135	15.776	10.412	0.66	5.474
32	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
32	18	14.416	14.128	0.98	4.599	14.008	13.728	0.98	4.853	13.532	13.261	0.98	5.192
32	20	15.504	13.333	0.86	4.740	15.164	13.041	0.86	4.966	14.756	12.690	0.86	5.304
32	22	16.524	12.228	0.74	4.853	16.184	11.976	0.74	5.135	15.776	11.674	0.74	5.474
34	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
34	18	14.416	14.416	1.00	4.599	14.008	14.008	1.00	4.853	13.532	13.532	1.00	5.192
34	20	15.504	14.574	0.94	4.740	15.164	14.254	0.94	4.966	14.756	13.871	0.94	5.304
34	22	16.524	13.550	0.82	4.853	16.184	13.271	0.82	5.135	15.776	12.936	0.82	5.474

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.504	0.62	5.417	11.560	7.167	0.62	5.812	11.016	6.830	0.62	6.292
20	18	13.056	6.528	0.50	5.558	12.648	6.324	0.50	5.982	11.832	5.916	0.50	6.433
20	20	14.144	5.375	0.38	5.699	13.600	5.168	0.38	6.094	12.784	4.858	0.38	6.546
22	16	12.104	8.473	0.70	5.417	11.560	8.092	0.70	5.812	11.016	7.711	0.70	6.292
22	18	13.056	7.572	0.58	5.558	12.648	7.336	0.58	5.982	11.832	6.863	0.58	6.433
22	20	14.144	6.506	0.46	5.699	13.600	6.256	0.46	6.094	12.784	5.881	0.46	6.546
24	16	12.104	9.441	0.78	5.417	11.560	9.017	0.78	5.812	11.016	8.592	0.78	6.292
24	18	13.056	8.617	0.66	5.558	12.648	8.348	0.66	5.982	11.832	7.809	0.66	6.433
24	20	14.144	7.638	0.54	5.699	13.600	7.344	0.54	6.094	12.784	6.903	0.54	6.546
24	22	15.232	6.397	0.42	5.812	14.688	6.169	0.42	6.264	13.872	5.826	0.42	6.659
26	16	12.104	10.409	0.86	5.417	11.560	9.942	0.86	5.812	11.016	9.474	0.86	6.292
26	18	13.056	9.661	0.74	5.558	12.648	9.360	0.74	5.982	11.832	8.756	0.74	6.433
26	20	14.144	8.769	0.62	5.699	13.600	8.432	0.62	6.094	12.784	7.926	0.62	6.546
26	22	15.232	7.616	0.50	5.812	14.688	7.344	0.50	6.264	13.872	6.936	0.50	6.659
27	16	12.104	10.894	0.90	5.417	11.560	10.404	0.90	5.812	11.016	9.914	0.90	6.292
27	18	13.056	10.184	0.78	5.558	12.648	9.865	0.78	5.982	11.832	9.229	0.78	6.433
27	20	14.144	9.335	0.66	5.699	13.600	8.976	0.66	6.094	12.784	8.437	0.66	6.546
27	22	15.232	8.225	0.54	5.812	14.688	7.932	0.54	6.264	13.872	7.491	0.54	6.659
28	16	12.104	11.378	0.94	5.417	11.560	10.866	0.94	5.812	11.016	10.355	0.94	6.292
28	18	13.056	10.706	0.82	5.558	12.648	10.371	0.82	5.982	11.832	9.702	0.82	6.433
28	20	14.144	9.901	0.70	5.699	13.600	9.520	0.70	6.094	12.784	8.949	0.70	6.546
28	22	15.232	8.835	0.58	5.812	14.688	8.519	0.58	6.264	13.872	8.046	0.58	6.659
30	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
30	18	13.056	11.750	0.90	5.558	12.648	11.383	0.90	5.982	11.832	10.649	0.90	6.433
30	20	14.144	11.032	0.78	5.699	13.600	10.608	0.78	6.094	12.784	9.972	0.78	6.546
30	22	15.232	10.053	0.66	5.812	14.688	9.694	0.66	6.264	13.872	9.156	0.66	6.659
32	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
32	18	13.056	12.795	0.98	5.558	12.648	12.395	0.98	5.982	11.832	11.595	0.98	6.433
32	20	14.144	12.164	0.86	5.699	13.600	11.696	0.86	6.094	12.784	10.994	0.86	6.546
32	22	15.232	11.272	0.74	5.812	14.688	10.869	0.74	6.264	13.872	10.265	0.74	6.659
34	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
34	18	13.056	13.056	1.00	5.558	12.648	12.648	1.00	5.982	11.832	11.832	1.00	6.433
34	20	14.144	13.295	0.94	5.699	13.600	12.784	0.94	6.094	12.784	12.017	0.94	6.546
34	22	15.232	12.490	0.82	5.812	14.688	12.044	0.82	6.264	13.872	11.375	0.82	6.659

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.639	0.66	1.547	6.816	4.499	0.66	1.634	6.603	4.358	0.66	1.731
20	18	7.526	4.064	0.54	1.576	7.313	3.949	0.54	1.663	7.065	3.815	0.54	1.779
20	20	8.094	3.399	0.42	1.625	7.917	3.325	0.42	1.702	7.704	3.236	0.42	1.818
22	16	7.029	5.201	0.74	1.547	6.816	5.044	0.74	1.634	6.603	4.886	0.74	1.731
22	18	7.526	4.666	0.62	1.576	7.313	4.534	0.62	1.663	7.065	4.380	0.62	1.779
22	20	8.094	4.047	0.50	1.625	7.917	3.959	0.50	1.702	7.704	3.852	0.50	1.818
24	16	7.029	5.764	0.82	1.547	6.816	5.589	0.82	1.634	6.603	5.414	0.82	1.731
24	18	7.526	5.268	0.70	1.576	7.313	5.119	0.70	1.663	7.065	4.946	0.70	1.779
24	20	8.094	4.695	0.58	1.625	7.917	4.592	0.58	1.702	7.704	4.468	0.58	1.818
24	22	8.627	3.968	0.46	1.663	8.449	3.887	0.46	1.760	8.236	3.789	0.46	1.876
26	16	7.029	6.326	0.90	1.547	6.816	6.134	0.90	1.634	6.603	5.943	0.90	1.731
26	18	7.526	5.870	0.78	1.576	7.313	5.704	0.78	1.663	7.065	5.511	0.78	1.779
26	20	8.094	5.342	0.66	1.625	7.917	5.225	0.66	1.702	7.704	5.085	0.66	1.818
26	22	8.627	4.659	0.54	1.663	8.449	4.562	0.54	1.760	8.236	4.447	0.54	1.876
27	16	7.029	6.607	0.94	1.547	6.816	6.407	0.94	1.634	6.603	6.207	0.94	1.731
27	18	7.526	6.171	0.82	1.576	7.313	5.997	0.82	1.663	7.065	5.793	0.82	1.779
27	20	8.094	5.666	0.70	1.625	7.917	5.542	0.70	1.702	7.704	5.393	0.70	1.818
27	22	8.627	5.004	0.58	1.663	8.449	4.900	0.58	1.760	8.236	4.777	0.58	1.876
28	16	7.029	6.888	0.98	1.547	6.816	6.680	0.98	1.634	6.603	6.471	0.98	1.731
28	18	7.526	6.472	0.86	1.576	7.313	6.289	0.86	1.663	7.065	6.076	0.86	1.779
28	20	8.094	5.990	0.74	1.625	7.917	5.859	0.74	1.702	7.704	5.701	0.74	1.818
28	22	8.627	5.349	0.62	1.663	8.449	5.238	0.62	1.760	8.236	5.106	0.62	1.876
30	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
30	18	7.526	7.074	0.94	1.576	7.313	6.874	0.94	1.663	7.065	6.641	0.94	1.779
30	20	8.094	6.637	0.82	1.625	7.917	6.492	0.82	1.702	7.704	6.317	0.82	1.818
30	22	8.627	6.039	0.70	1.663	8.449	5.914	0.70	1.760	8.236	5.765	0.70	1.876
32	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
32	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
32	20	8.094	7.285	0.90	1.625	7.917	7.125	0.90	1.702	7.704	6.934	0.90	1.818
32	22	8.627	6.729	0.78	1.663	8.449	6.590	0.78	1.760	8.236	6.424	0.78	1.876
34	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
34	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
34	20	8.094	7.932	0.98	1.625	7.917	7.759	0.98	1.702	7.704	7.550	0.98	1.818
34	22	8.627	7.419	0.86	1.663	8.449	7.266	0.86	1.760	8.236	7.083	0.86	1.876

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.171	0.66	1.857	6.035	3.983	0.66	1.992	5.751	3.796	0.66	2.156
20	18	6.816	3.681	0.54	1.905	6.603	3.566	0.54	2.050	6.177	3.336	0.54	2.205
20	20	7.384	3.101	0.42	1.953	7.100	2.982	0.42	2.089	6.674	2.803	0.42	2.243
22	16	6.319	4.676	0.74	1.857	6.035	4.466	0.74	1.992	5.751	4.256	0.74	2.156
22	18	6.816	4.226	0.62	1.905	6.603	4.094	0.62	2.050	6.177	3.830	0.62	2.205
22	20	7.384	3.692	0.50	1.953	7.100	3.550	0.50	2.089	6.674	3.337	0.50	2.243
24	16	6.319	5.182	0.82	1.857	6.035	4.949	0.82	1.992	5.751	4.716	0.82	2.156
24	18	6.816	4.771	0.70	1.905	6.603	4.622	0.70	2.050	6.177	4.324	0.70	2.205
24	20	7.384	4.283	0.58	1.953	7.100	4.118	0.58	2.089	6.674	3.871	0.58	2.243
24	22	7.952	3.658	0.46	1.992	7.668	3.527	0.46	2.147	7.242	3.331	0.46	2.282
26	16	6.319	5.687	0.90	1.857	6.035	5.432	0.90	1.992	5.751	5.176	0.90	2.156
26	18	6.816	5.316	0.78	1.905	6.603	5.150	0.78	2.050	6.177	4.818	0.78	2.205
26	20	7.384	4.873	0.66	1.953	7.100	4.686	0.66	2.089	6.674	4.405	0.66	2.243
26	22	7.952	4.294	0.54	1.992	7.668	4.141	0.54	2.147	7.242	3.911	0.54	2.282
27	16	6.319	5.940	0.94	1.857	6.035	5.673	0.94	1.992	5.751	5.406	0.94	2.156
27	18	6.816	5.589	0.82	1.905	6.603	5.414	0.82	2.050	6.177	5.065	0.82	2.205
27	20	7.384	5.169	0.70	1.953	7.100	4.970	0.70	2.089	6.674	4.672	0.70	2.243
27	22	7.952	4.612	0.58	1.992	7.668	4.447	0.58	2.147	7.242	4.200	0.58	2.282
28	16	6.319	6.193	0.98	1.857	6.035	5.914	0.98	1.992	5.751	5.636	0.98	2.156
28	18	6.816	5.862	0.86	1.905	6.603	5.679	0.86	2.050	6.177	5.312	0.86	2.205
28	20	7.384	5.464	0.74	1.953	7.100	5.254	0.74	2.089	6.674	4.939	0.74	2.243
28	22	7.952	4.930	0.62	1.992	7.668	4.754	0.62	2.147	7.242	4.490	0.62	2.282
30	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
30	18	6.816	6.407	0.94	1.905	6.603	6.207	0.94	2.050	6.177	5.806	0.94	2.205
30	20	7.384	6.055	0.82	1.953	7.100	5.822	0.82	2.089	6.674	5.473	0.82	2.243
30	22	7.952	5.566	0.70	1.992	7.668	5.368	0.70	2.147	7.242	5.069	0.70	2.282
32	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
32	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
32	20	7.384	6.646	0.90	1.953	7.100	6.390	0.90	2.089	6.674	6.007	0.90	2.243
32	22	7.952	6.203	0.78	1.992	7.668	5.981	0.78	2.147	7.242	5.649	0.78	2.282
34	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
34	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
34	20	7.384	7.236	0.98	1.953	7.100	6.958	0.98	2.089	6.674	6.541	0.98	2.243
34	22	7.952	6.839	0.86	1.992	7.668	6.594	0.86	2.147	7.242	6.228	0.86	2.282

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PCA-M-KA2 / PUHZ-ZRP-VHA2 PUHZ-ZRP-VKA2 PUHZ-ZRP-VKA3 PUHZ-ZRP-YKA3

CEILING-SUSPENDED PERFORMANCE DATA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.604	0.601	2.829	0.662	3.157	0.764	4.141	0.917	4.674	1.019	5.207	1.101
	20	2.501	0.652	2.706	0.713	2.993	0.825	3.998	0.988	4.510	1.101	5.023	1.182
	25	2.419	0.693	2.624	0.774	2.870	0.897	3.772	1.050	4.346	1.177	4.838	1.269
PCA-M50KA2	15	3.493	0.856	3.795	0.943	4.235	1.088	5.555	1.305	6.270	1.450	6.985	1.566
	20	3.355	0.928	3.630	1.015	4.015	1.175	5.363	1.407	6.050	1.566	6.738	1.682
	25	3.245	0.986	3.520	1.102	3.850	1.276	5.060	1.494	5.830	1.675	6.490	1.805
PCA-M60KA2	15	4.445	1.139	4.830	1.255	5.390	1.448	7.070	1.737	7.980	1.930	8.890	2.084
	20	4.270	1.235	4.620	1.351	5.110	1.563	6.825	1.872	7.700	2.084	8.575	2.239
	25	4.130	1.312	4.480	1.467	4.900	1.698	6.440	1.988	7.420	2.229	8.260	2.403
PCA-M71KA2	15	5.080	1.296	5.520	1.428	6.160	1.648	8.080	1.977	9.120	2.197	10.160	2.373
	20	4.880	1.406	5.280	1.538	5.840	1.780	7.800	2.131	8.800	2.373	9.800	2.549
	25	4.720	1.494	5.120	1.670	5.600	1.933	7.360	2.263	8.480	2.538	9.440	2.735
PCA-M100KA2	15	7.112	1.795	7.728	1.978	8.624	2.282	11.312	2.739	12.768	3.043	14.224	3.286
	20	6.832	1.948	7.392	2.130	8.176	2.465	10.920	2.952	12.320	3.286	13.720	3.530
	25	6.608	2.069	7.168	2.313	7.840	2.678	10.304	3.134	11.872	3.515	13.216	3.789
PCA-M125KA2	15	8.890	2.244	9.660	2.473	10.780	2.853	14.140	3.424	15.960	3.804	17.780	4.108
	20	8.540	2.435	9.240	2.663	10.220	3.081	13.650	3.690	15.400	4.108	17.150	4.413
	25	8.260	2.587	8.960	2.891	9.800	3.348	12.880	3.918	14.840	4.394	16.520	4.736
PCA-M140KA2	15	10.160	2.697	11.040	2.971	12.320	3.428	16.160	4.114	18.240	4.571	20.320	4.937
	20	9.760	2.925	10.560	3.200	11.680	3.703	15.600	4.434	17.600	4.937	19.600	5.302
	25	9.440	3.108	10.240	3.474	11.200	4.022	14.720	4.708	16.960	5.280	18.880	5.691

PCA-M-KA2 / SUZ-KA-VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.050	0.547	2.583	0.683	3.116	0.820	3.649	0.925	4.182	0.998	4.715	1.062	5.207	1.093	5.740	1.114
	21	1.927	0.582	2.460	0.736	2.952	0.872	3.485	0.967	3.977	1.040	4.510	1.093	5.002	1.125	5.515	1.167
	26	1.681	0.631	2.214	0.788	2.747	0.925	3.239	1.019	3.772	1.093	4.305	1.146	4.797	1.177	5.330	1.209
PCA-M50KA2	15	2.750	0.790	3.465	0.987	4.180	1.185	4.895	1.337	5.610	1.443	6.325	1.534	6.985	1.580	7.700	1.610
	21	2.585	0.842	3.300	1.063	3.960	1.261	4.675	1.397	5.335	1.504	6.050	1.580	6.710	1.625	7.398	1.686
	26	2.255	0.911	2.970	1.139	3.685	1.337	4.345	1.473	5.060	1.580	5.775	1.656	6.435	1.701	7.150	1.747
PCA-M60KA2	15	3.450	0.994	4.347	1.242	5.244	1.491	6.141	1.682	7.038	1.815	7.935	1.930	8.763	1.987	9.660	2.026
	21	3.243	1.059	4.140	1.338	4.968	1.586	5.865	1.758	6.693	1.892	7.590	1.987	8.418	2.045	9.281	2.121
	26	2.829	1.147	3.726	1.433	4.623	1.682	5.451	1.854	6.348	1.987	7.245	2.083	8.073	2.140	8.970	2.198
PCA-M71KA2	15	3.950	1.135	4.977	1.418	6.004	1.702	7.031	1.920	8.058	2.073	9.085	2.204	10.033	2.269	11.060	2.313
	21	3.713	1.209	4.740	1.527	5.688	1.811	6.715	2.007	7.663	2.160	8.690	2.269	9.638	2.335	10.626	2.422
	26	3.239	1.309	4.266	1.637	5.293	1.920	6.241	2.117	7.268	2.269	8.295	2.378	9.243	2.444	10.270	2.509

PCA-M-KA2 / PUHZ-P-VKA PUHZ-P-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M100KA2	15	7.112	1.990	7.728	2.192	8.624	2.530	11.312	3.036	12.768	3.373	14.224	3.643
	20	6.832	2.159	7.392	2.361	8.176	2.732	10.920	3.272	12.320	3.643	13.720	3.913
	25	6.608	2.294	7.168	2.563	7.840	2.968	10.304	3.474	11.872	3.896	13.216	4.199
PCA-M125KA2	15	8.573	2.399	9.315	2.643	10.395	3.050	13.635	3.659	15.390	4.066	17.145	4.391
	20	8.235	2.602	8.910	2.846	9.855	3.293	13.163	3.944	14.850	4.391	16.538	4.717
	25	7.965	2.765	8.640	3.090	9.450	3.578	12.420	4.188	14.310	4.696	15.930	5.062
PCA-M140KA2	15	9.525	2.641	10.350	2.910	11.550	3.358	15.150	4.029	17.100	4.477	19.050	4.835
	20	9.150	2.865	9.900	3.134	10.950	3.626	14.625	4.343	16.500	4.835	18.375	5.193
	25	8.850	3.044	9.600	3.403	10.500	3.940	13.800	4.611	15.900	5.171	17.700	5.574

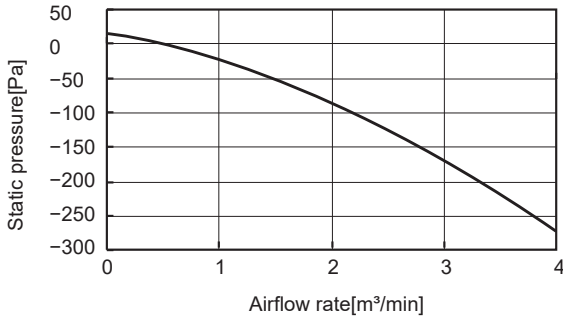
PCA-M-KA2 / PUHZ-FRP-VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M71KA2	15	5.080	1.348	5.520	1.485	6.160	1.714	8.080	2.057	9.120	2.285	10.160	2.468
	20	4.880	1.462	5.280	1.600	5.840	1.851	7.800	2.216	8.800	2.468	9.800	2.651
	25	4.720	1.554	5.120	1.737	5.600	2.011	7.360	2.354	8.480	2.639	9.440	2.845

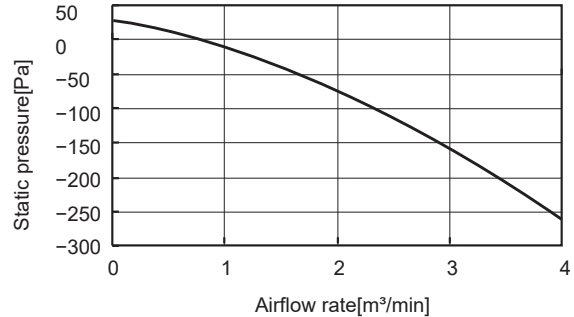
A.3.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

■ PCA-M35KA2
PCA-M50KA2



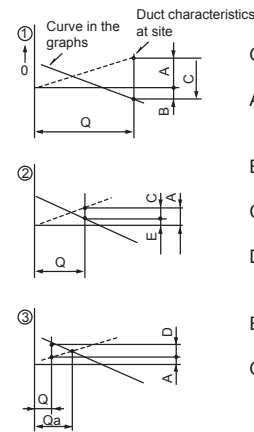
■ PCA-M60KA2
PCA-M71KA2



■ PCA-M100KA2
PCA-M125KA2
PCA-M140KA2



How to read curves

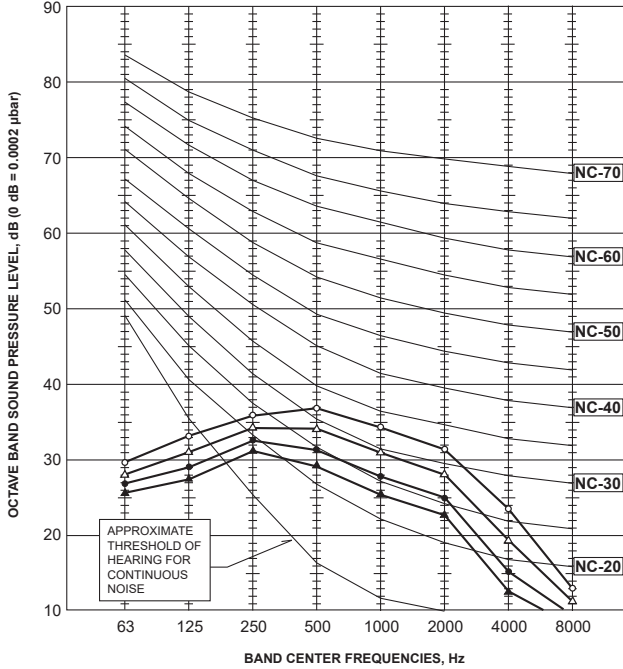


- Q...Designed amount of fresh air intake $\langle m^3/min \rangle$
- A...Static pressure loss of fresh air intake duct system with airflow amount Q $\langle Pa \rangle$
- B...Forced static pressure at air conditioner inlet with airflow amount Q $\langle Pa \rangle$
- C...Static pressure of booster fan with airflow amount Q $\langle Pa \rangle$
- D...Static pressure loss increase amount of fresh air intake duct system for airflow amount Q $\langle Pa \rangle$
- E...Static pressure of indoor unit with airflow amount Q $\langle Pa \rangle$
- Qa...Estimated amount of fresh air intake without D $\langle m^3/min \rangle$

A.3.7 NOISE CRITERIA CURVES

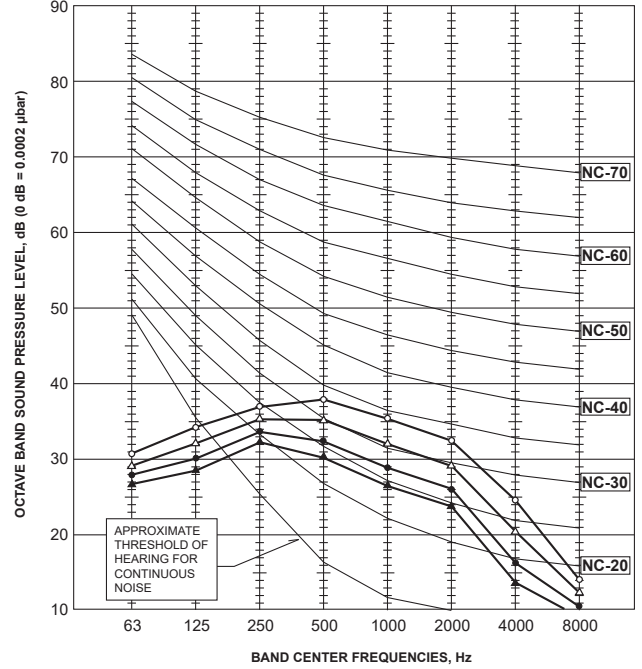
PCA-M35KA2

NOTCH	SPL(dB)	LINE
High	39	○—○
Medium1	36	△—△
Medium2	33	●—●
Low	31	▲—▲



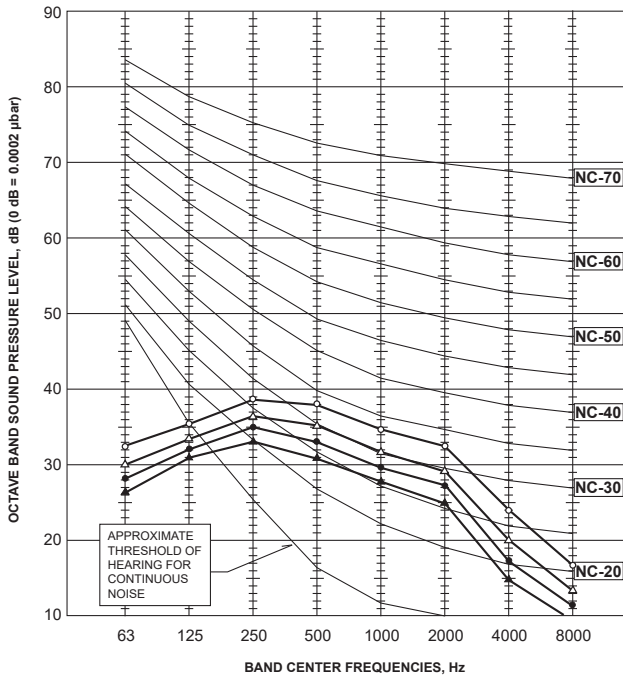
PCA-M50KA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	△—△
Medium2	34	●—●
Low	32	▲—▲



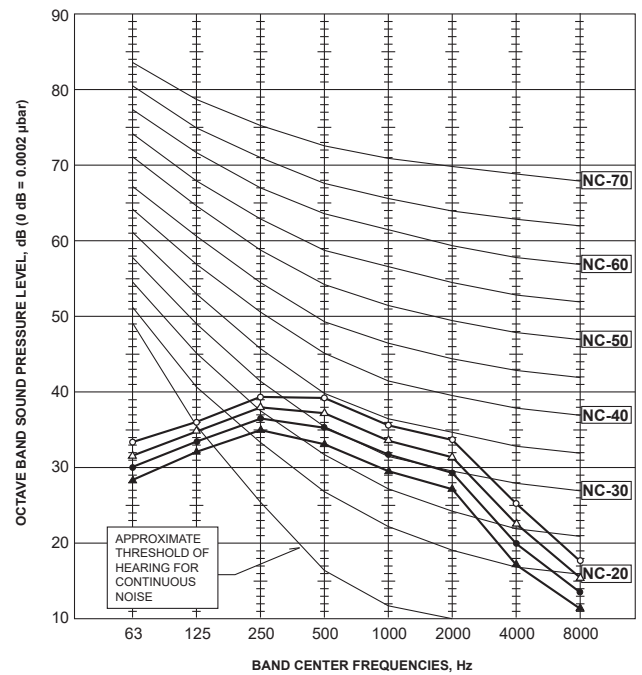
PCA-M60KA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	△—△
Medium2	35	●—●
Low	33	▲—▲



PCA-M71KA2

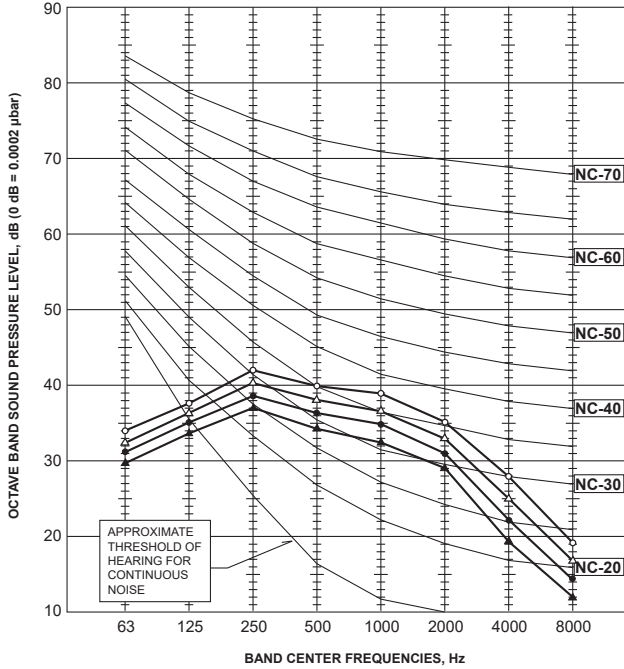
NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	△—△
Medium2	37	●—●
Low	35	▲—▲



CEILING-SUSPENDED NOISE CRITERIA CURVES

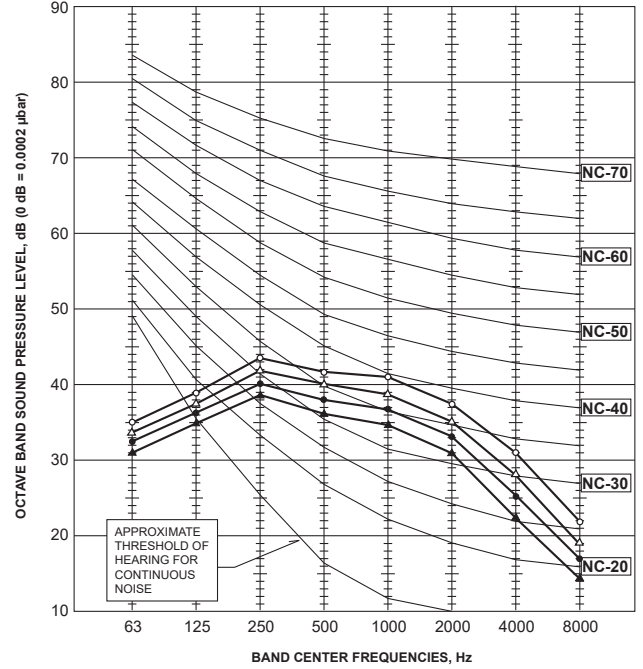
PCA-M100KA2

NOTCH	SPL(dB)	LINE
High	43	○—○
Medium1	41	△—△
Medium2	39	●—●
Low	37	▲—▲



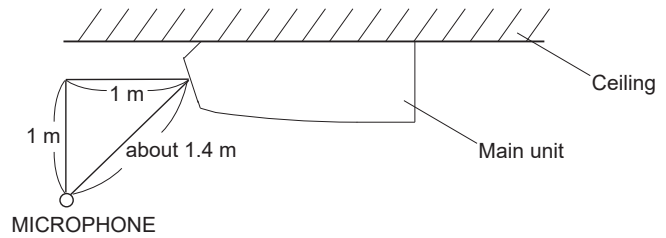
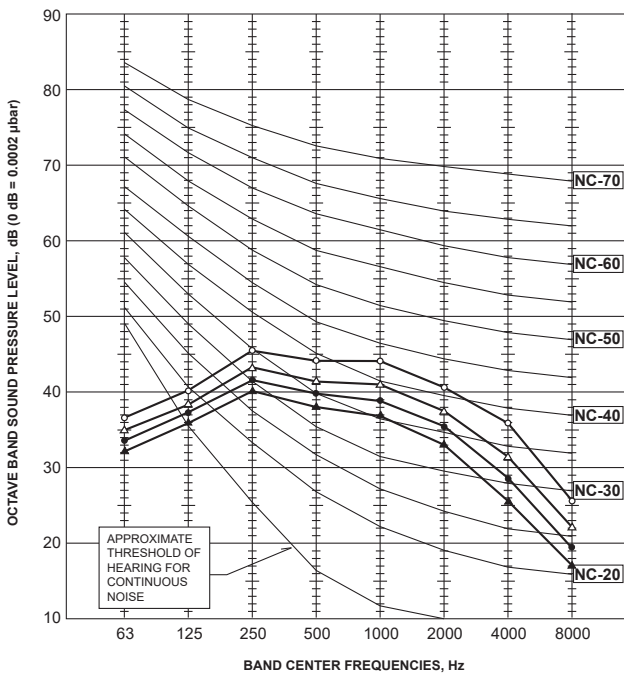
PCA-M125KA2

NOTCH	SPL(dB)	LINE
High	45	○—○
Medium1	43	△—△
Medium2	41	●—●
Low	39	▲—▲



PCA-M140KA2

NOTCH	SPL(dB)	LINE
High	48	○—○
Medium1	45	△—△
Medium2	43	●—●
Low	41	▲—▲



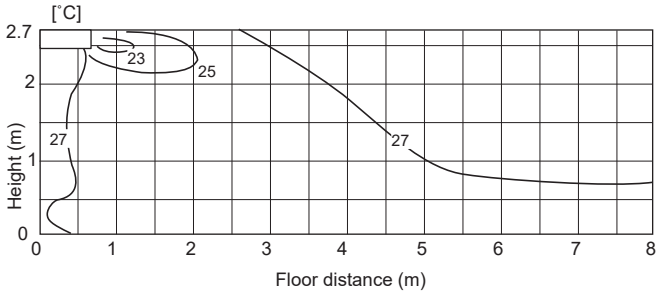
CEILING-SUSPENDED

NOISE CRITERIA CURVES

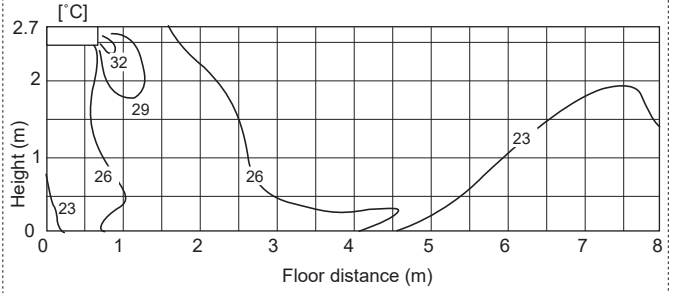
A.3.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions PCA-M71KA2

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch

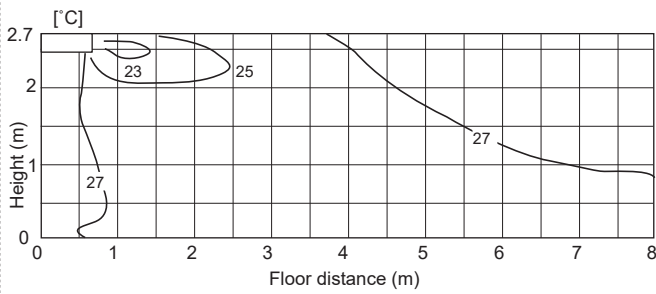


<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch

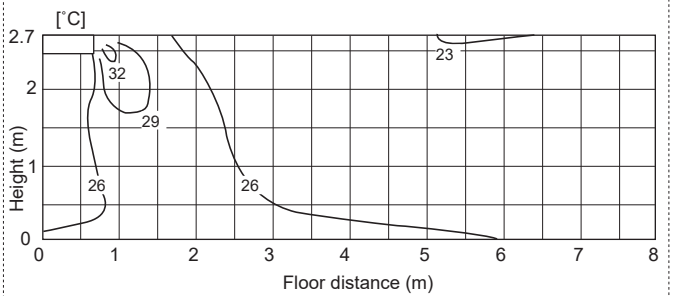


PCA-M125KA2

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch



<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch

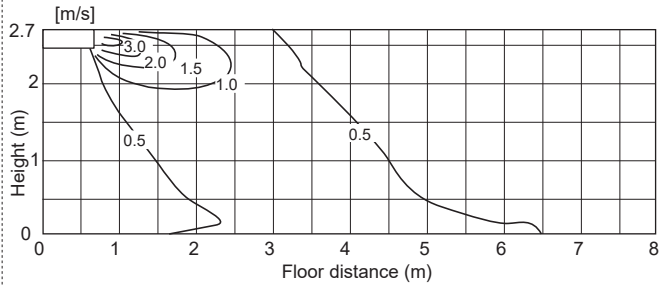


Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

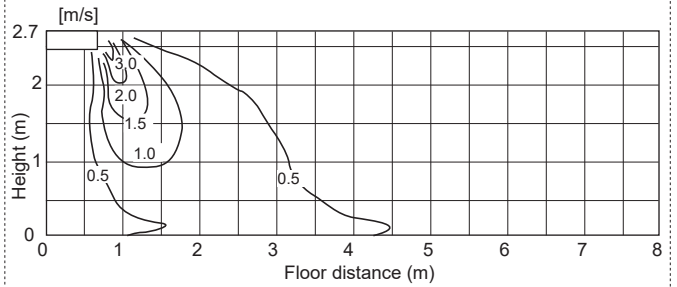
CEILING-SUSPENDED TEMPERATURE AND AIR FLOW DISTRIBUTIONS

**Airflow distributions
PCA-M71KA2**

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch
Ceiling height : 2.7m

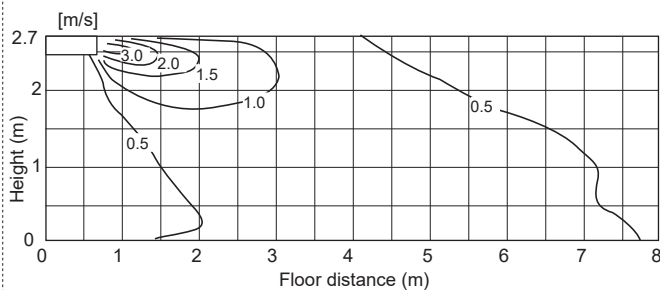


<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch
Ceiling height : 2.7m

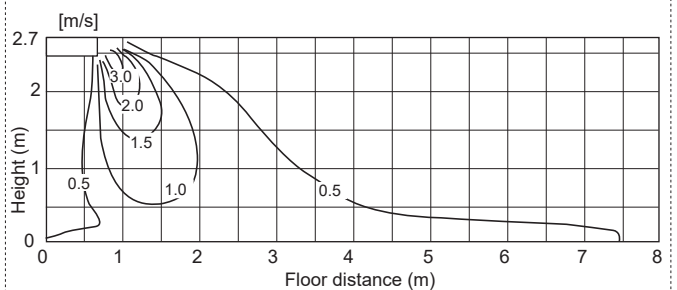


PCA-M125KA2

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch
Ceiling height : 2.7m



<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch
Ceiling height : 2.7m



CEILING-SUSPENDED

TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

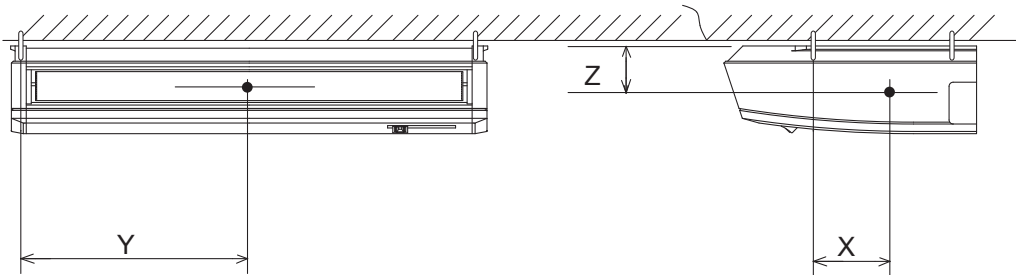
A.3.9 OUTLET AIR SPEED AND COVERAGE RANGE

		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2	PCA-M125KA2	PCA-M140KA2
Air flow	m ³ /min	14	15	19	20	28	29	32
Air speed	m/sec	3.1	3.3	3.1	3.2	3.6	3.7	4.1
Coverage range	m	8.4	9.0	9.6	10.1	12.5	12.9	14.2

* The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.

The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.3.10 CENTER OF GRAVITY POSITION



[Unit: mm]

Model	X	Y	Z
PCA-M35KA2	110	450	115
PCA-M50KA2	110	450	115
PCA-M60KA2	110	610	115
PCA-M71KA2	110	610	115
PCA-M100KA2	110	770	115
PCA-M125KA2	110	770	115
PCA-M140KA2	110	770	115

CEILING-SUSPENDED
OUTLET AIR SPEED AND COVERAGE RANGE
CENTER OF GRAVITY POSITION

A.4 CEILING-SUSPENDED for Professional kitchens (PCA)

A.4.1	SPECIFICATIONS	A-238
	A.4.1.1 R32 type.....	A-238
	A.4.1.2 R410 type.....	A-239
A.4.2	OUTLINES AND DIMENSIONS	A-240
A.4.3	WIRING DIAGRAM.....	A-241
A.4.4	REFRIGERANT SYSTEM DIAGRAM	A-242
A.4.5	PERFORMANCE DATA.....	A-243
	A.4.5.1 R32 type.....	A-243
	A.4.5.2 R410 type.....	A-244
A.4.6	FRESH AIR INTAKE.....	A-245
A.4.7	NOISE CRITERIA CURVES	A-246
A.4.8	OUTLET AIR SPEED AND COVERAGE RANGE.....	A-247
A.4.9	CENTER OF GRAVITY POSITION	A-247
A.4.10	TEMPERATURE AND AIR FLOW DISTRIBUTIONS	A-248

A.4.1 SPECIFICATIONS

A.4.1.1 R32 type

1. Power Inverter SERIES

Model Name		Indoor Unit		PCA-M71HA2			
		Outdoor Unit		PUZ-ZM71VHA2			
Refrigerant				R32			
Power Supply		Source		Outdoor power supply			
Out		V		230			
		Phase		Single			
		Hz		50			
		In		V		—	
				Phase		—	
				Hz		—	
Cooling	Capacity	Rated	kW	7.1			
		Min.	kW	3.3			
		Max.	kW	8.1			
	SHF	Rated			0.74		
	Total Input	Rated	kW	2.028			
	EER				3.50		
	Annual Electricity Consumption		kWh/a	443			
	SEER				5.6		
			Energy efficiency class		A+		
	Heating	Capacity	Rated	kW	7.6		
Min.			kW	3.5			
Max.			kW	10.2			
Total Input		Rated	kW	2.171			
COP				3.50			
Annual Electricity Consumption		kWh/a	1684				
SCOP				3.9			
		Energy efficiency class		A			
Operating Current(max)			A	19.4			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		
		Operating Current(max)		A	0.43		
	Dimensions	H × W × D		mm	280-1136-650		
	Weight				kg	42	
	Air Volume	Lo-Hi			m ³ /min.	16-18	
	External Static Pressure				Pa	0	
	Sound Level (SPL)	Lo-Hi			dB(A)	37-39	
	Sound Level (PWL)	Cooling			57		
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+25)		
	Weight				kg	67	
	Air Volume	Cooling	Rated	m ³ /min.	55		
		Heating	Rated	m ³ /min.	55		
	Sound Level (SPL)	Cooling	Rated	dB(A)	47		
			Silent	dB(A)	44		
		Heating	Rated	dB(A)	49		
	Sound Level (PWL)	Cooling			dB(A)	67	
	Operating Current(max)				A	19	
	Breaker Size				A	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52			
		Gas	mm	15.88			
	Max.Length	Out-In	m	55			
	Max. Height	Out-In	m	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		
			Upper Limit.	°C	+46		
		Heating	Lower Limit.	°C	-20		
			Upper Limit.	°C	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.4.1.2 R410A type
1. Power Inverter SERIES

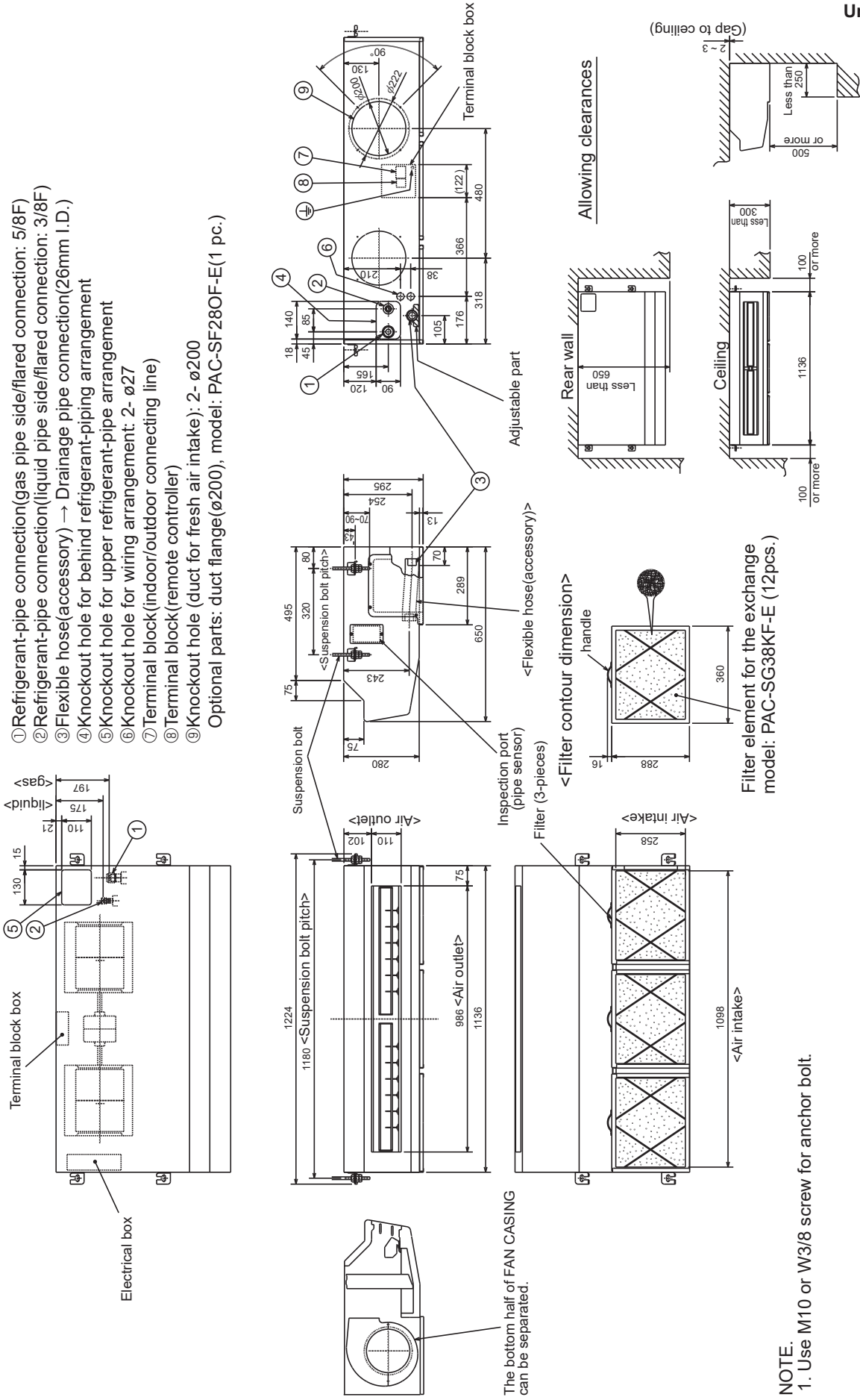
Model Name		Indoor Unit		PCA-M71HA2			
		Outdoor Unit		PUHZ-ZRP71VHA2			
Refrigerant				R410A			
Power Supply		Out		Source	Outdoor power supply		
				V	230		
				Phase	Single		
		In		Hz	50		
				V	—		
				Phase	—		
Cooling		Capacity	Rated	kW	7.1		
			Min.	kW	3.3		
			Max.	kW	8.1		
		SHF	Rated		0.74		
		Total Input	Rated	kW	2.170		
		EER			3.27		
		Annual Electricity Consumption		kWh/a	444		
		SEER			5.6		
			Energy efficiency class			A+	
		Heating		Capacity	Rated	kW	7.6
Min.	kW				3.5		
Max.	kW				10.2		
Total Input	Rated			kW	2.350		
COP					3.23		
Annual Electricity Consumption				kWh/a	1724		
SCOP					3.8		
	Energy efficiency class				A		
Operating Current(max)				A	19.4		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.10 / 0.10	
				Operating Current(max)	A	0.43	
		Dimensions	H × W × D		mm	280-1136-650	
		Weight			kg	42	
		Air Volume	Lo-Hi		m ³ /min.	16-18	
		External Static Pressure			Pa	0	
		Sound Level (SPL)	Lo-Hi		dB(A)	37-39	
		Sound Level (PWL)	Cooling			57	
Outdoor Unit		Dimensions	H × W × D		mm	943-950-330(+30)	
		Weight			kg	70	
		Air Volume	Cooling	Rated	m ³ /min.	55	
			Heating	Rated	m ³ /min.	55	
		Sound Level (SPL)	Cooling	Rated	dB(A)	47	
				Silent	dB(A)	44	
			Heating	Rated	dB(A)	48	
		Sound Level (PWL)	Cooling		dB(A)	67	
		Operating Current(max)			A	19	
		Breaker Size			A	25	
Ext. Piping		Diameter (*2)	Liquid	mm	9.52		
			Gas	mm	15.88		
		Max.Length	Out-In	m	50		
		Max. Height	Out-In	m	30		
Guranteed Operation Range		Out	Cooling (*1)	Lower Limit.	°C	-15	
				Upper Limit.	°C	+46	
		Heating	Lower Limit.	°C	-20		
			Upper Limit.	°C	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-SUSPENDED for Kitchens
 SPECIFICATIONS

A.4.2 OUTLINES AND DIMENSIONS

CEILING-SUSPENDED for Kitchens
OUTLINES AND DIMENSIONS



NOTE:
 1. Use M10 or W3/8 screw for anchor bolt.

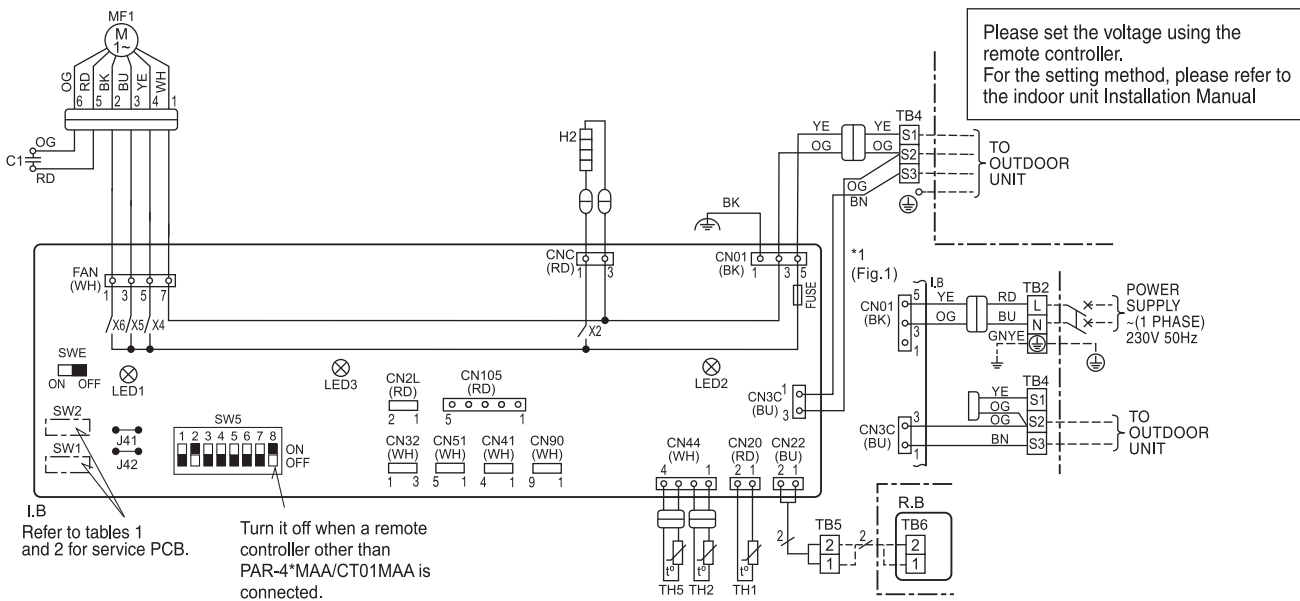
The bottom half of FAN CASING can be separated.

A.4.3 WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I, B	INDOOR CONTROLLER BOARD	MF1	FAN MOTOR
	FUSE (T6.3AL250V)	C1	CAPACITOR (FAN MOTOR)
	CN2L CONNECTOR (LOSSNAY)	H2	DEW PREVENTION HEATER
	CN32 CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (INDOOR UNIT POWER (OPTION PARTS))
	CN41 CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
	CN51 CONNECTOR (CENTRALLY CONTROL)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
	CN90 CONNECTOR (REMOTE OPERATION ADAPTOR)		
	CN105 CONNECTOR (IT TERMINAL)		
	LED1 POWER SUPPLY (I, B)	TH1	ROOM TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	LED2 POWER SUPPLY (R, B)	TH2	PIPE TEMP.THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	LED3 TRANSMISSION (INDOOR-OUTDOOR)	TH5	COND./EVA.TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	X2 RELAY (DEW PREVENTION HEATER)	R, B	WIRED REMOTE CONTROLLER BOARD
	X4 RELAY (FAN MOTOR)		
	X5 RELAY (FAN MOTOR)		
	X6 RELAY (FAN MOTOR)		
	SW1 SWITCH (MODEL SELECTION) Refer to <Table 1>		
	SW2 SWITCH (CAPACITY CODE) Refer to <Table 2>		
	SW5 SWITCH (FUNCTION SETTING)		
	SWE SWITCH (EMERGENCY OPERATION)		

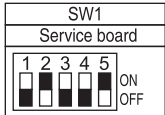
Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1) .
P2	Abnormality of pipe temperature thermistor/Liquid (TH2) .
P6	Freezing /overheating protection is working.
P8	Abnormality of pipe temperature.
P9	Abnormality of pipe temperature thermistor/ Cond. Eva. (TH5).
PL	Refrigerant circuit abnormal.
E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
Fb	Abnormality of indoor controller board.
U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
----	No trouble generated in the past.
FFFF	No corresponding unit.



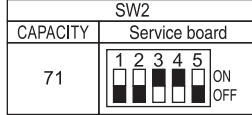
I, B Refer to tables 1 and 2 for service PCB.

Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.

<Table 1>



<Table 2>



The black square (■) indicates a switch position.

NOTES:

- Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
- Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
- Symbols used in wiring diagram above are, []: Connector, []: Terminal (block).
 - *1: When work to supply power separately to Indoor and Outdoor unit was applied, refer to Fig 1.
 - *2: For power supply system of this unit, refer to the caution label located near this diagram.

[Self-diagnosis]

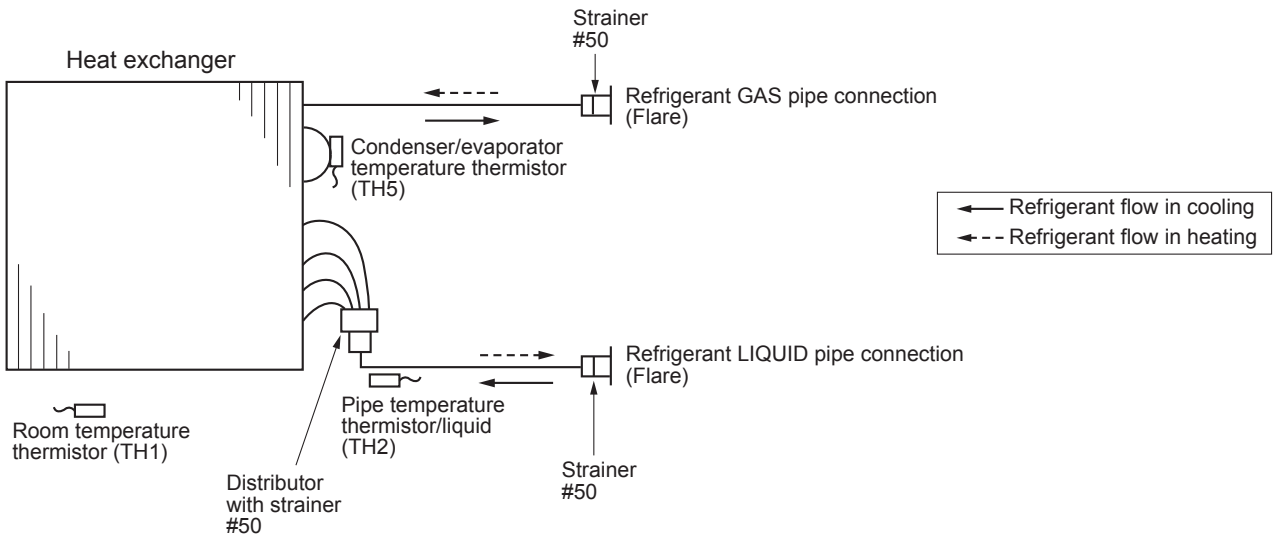
For the wired remote controller: When you select "self check" function in service menu the unit begins self-diagnosis. (Refer to the Installation manual) And Check Codes generated in the past appear on the display. For Check Codes and symptoms refer to the table above.

[Emergency operation procedure]

- When the wired remote controller or the indoor unit microcomputer has failed, but all other components work properly, if you set the switch (SWE) on the indoor controller board ON, the indoor unit will begin Emergency Operation. When Emergency Operation is activated, the indoor unit operates as follows: Indoor fan is running at high speed.
- When you activate emergency operation of the cooling or heating, you have to set the switch(SWE) on the indoor controller board and activate emergency operation of the outdoor unit. For details on how to activate emergency operation of the outdoor unit, refer to the outdoor unit wiring diagram.
- Before you activate emergency operation, check the following points:
 - Emergency operation cannot be activated when:
 - the outdoor unit malfunctions.
 - the indoor fan malfunctions.
 - Emergency operation becomes continuous only by switching the power source on/off. ON/OFF on the remote controller or temperature control etc, dose not function.
 - Avoid operating for a long time when the outdoor unit begins defrosting while emergency operation of the heating is activated, because it will start to blow cold air.
 - Emergency cooling should be limited to 10 hours maximum (The indoor unit heat exchanger may freeze).
 - After emergency operation has been deactivated, set the switches etc. to their original positions.

CEILING-SUSPENDED for Kitchens WIRING DIAGRAM

A.4.4 REFRIGERANT SYSTEM DIAGRAM



CEILING-SUSPENDED for Kitchens
REFRIGERANT SYSTEM DIAGRAM

A.4.5 PERFORMANCE DATA

A.4.5.1 R32 type

COOLING CAPACITY

PCA-M71HA2 / PUZ-ZM71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.154	0.96	1.341	5.244	5.034	0.96	1.465	5.118	4.913	0.96	1.588
14	8	5.483	4.880	0.89	1.340	5.337	4.750	0.89	1.466	5.190	4.619	0.89	1.592
14	9	5.710	4.625	0.81	1.338	5.558	4.502	0.81	1.470	5.405	4.378	0.81	1.601
16	8	5.594	5.370	0.96	1.339	5.464	5.245	0.96	1.469	5.335	5.122	0.96	1.598
16	9	5.752	5.004	0.87	1.338	5.598	4.870	0.87	1.470	5.445	4.737	0.87	1.603
16	11	6.016	4.753	0.79	1.334	5.855	4.625	0.79	1.474	5.694	4.498	0.79	1.613
18	10	5.825	5.534	0.95	1.336	5.689	5.405	0.95	1.472	5.554	5.276	0.95	1.607
18	11	6.039	5.194	0.86	1.335	5.877	5.054	0.86	1.474	5.715	4.915	0.86	1.614
18	12	6.341	4.883	0.77	1.330	6.169	4.750	0.77	1.476	5.997	4.618	0.77	1.622
20	16	7.029	4.499	0.64	1.463	6.816	4.362	0.64	1.546	6.603	4.226	0.64	1.637
20	18	7.526	3.914	0.52	1.491	7.313	3.803	0.52	1.573	7.065	3.674	0.52	1.683
20	20	8.094	3.238	0.40	1.536	7.917	3.167	0.40	1.610	7.704	3.082	0.40	1.719
22	16	7.029	5.061	0.72	1.463	6.816	4.908	0.72	1.546	6.603	4.754	0.72	1.637
22	18	7.526	4.516	0.60	1.491	7.313	4.388	0.60	1.573	7.065	4.239	0.60	1.683
22	20	8.094	3.885	0.48	1.536	7.917	3.800	0.48	1.610	7.704	3.698	0.48	1.719
24	16	7.029	5.623	0.80	1.463	6.816	5.453	0.80	1.546	6.603	5.282	0.80	1.637
24	18	7.526	5.118	0.68	1.491	7.313	4.973	0.68	1.573	7.065	4.804	0.68	1.683
24	20	8.094	4.533	0.56	1.536	7.917	4.434	0.56	1.610	7.704	4.314	0.56	1.719
24	22	8.627	3.796	0.44	1.573	8.449	3.718	0.44	1.664	8.236	3.624	0.44	1.774
26	16	7.029	6.186	0.88	1.463	6.816	5.998	0.88	1.546	6.603	5.811	0.88	1.637
26	18	7.526	5.720	0.76	1.491	7.313	5.558	0.76	1.573	7.065	5.369	0.76	1.683
26	20	8.094	5.180	0.64	1.536	7.917	5.067	0.64	1.610	7.704	4.931	0.64	1.719
26	22	8.627	4.486	0.52	1.573	8.449	4.393	0.52	1.664	8.236	4.283	0.52	1.774
27	16	7.029	6.467	0.92	1.463	6.816	6.271	0.92	1.546	6.603	6.075	0.92	1.637
27	18	7.526	6.021	0.80	1.491	7.313	5.850	0.80	1.573	7.065	5.652	0.80	1.683
27	20	8.094	5.504	0.68	1.536	7.917	5.384	0.68	1.610	7.704	5.239	0.68	1.719
27	22	8.627	4.831	0.56	1.573	8.449	4.731	0.56	1.664	8.236	4.612	0.56	1.774
28	16	7.029	6.748	0.96	1.463	6.816	6.543	0.96	1.546	6.603	6.339	0.96	1.637
28	18	7.526	6.322	0.84	1.491	7.313	6.143	0.84	1.573	7.065	5.935	0.84	1.683
28	20	8.094	5.828	0.72	1.536	7.917	5.700	0.72	1.610	7.704	5.547	0.72	1.719
28	22	8.627	5.176	0.60	1.573	8.449	5.069	0.60	1.664	8.236	4.942	0.60	1.774
30	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
30	18	7.526	6.924	0.92	1.491	7.313	6.728	0.92	1.573	7.065	6.500	0.92	1.683
30	20	8.094	6.475	0.80	1.536	7.917	6.334	0.80	1.610	7.704	6.163	0.80	1.719
30	22	8.627	5.866	0.68	1.573	8.449	5.745	0.68	1.664	8.236	5.600	0.68	1.774
32	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
32	18	7.526	7.526	1.00	1.491	7.313	7.313	1.00	1.573	7.065	7.065	1.00	1.683
32	20	8.094	7.123	0.88	1.536	7.917	6.967	0.88	1.610	7.704	6.780	0.88	1.719
32	22	8.627	6.557	0.76	1.573	8.449	6.421	0.76	1.664	8.236	6.259	0.76	1.774
34	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
34	18	7.526	7.526	1.00	1.491	7.313	7.313	1.00	1.573	7.065	7.065	1.00	1.683
34	20	8.094	7.770	0.96	1.536	7.917	7.600	0.96	1.610	7.704	7.396	0.96	1.719
34	22	8.627	7.247	0.84	1.573	8.449	7.097	0.84	1.664	8.236	6.918	0.84	1.774

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.779	0.96	1.729	4.827	4.634	0.96	1.875	4.702	4.514	0.96	2.020
14	8	5.027	4.474	0.89	1.733	4.862	4.327	0.89	1.879	4.729	4.209	0.89	2.023
14	9	5.237	4.242	0.81	1.747	5.057	4.096	0.81	1.896	4.909	3.976	0.81	2.043
16	8	5.190	4.982	0.96	1.744	5.035	4.834	0.96	1.894	4.906	4.710	0.96	2.043
16	9	5.276	4.590	0.87	1.750	5.096	4.434	0.87	1.899	4.953	4.309	0.87	2.048
16	11	5.519	4.360	0.79	1.764	5.331	4.211	0.79	1.919	5.173	4.087	0.79	2.071
18	10	5.406	5.136	0.95	1.757	5.247	4.985	0.95	1.912	5.114	4.858	0.95	2.065
18	11	5.540	4.764	0.86	1.765	5.352	4.603	0.86	1.920	5.194	4.467	0.86	2.073
18	12	5.814	4.477	0.77	1.780	5.618	4.326	0.77	1.940	5.450	4.197	0.77	2.098
20	16	6.319	4.044	0.64	1.756	6.035	3.862	0.64	1.884	5.751	3.681	0.64	2.039
20	18	6.816	3.544	0.52	1.802	6.603	3.434	0.52	1.939	6.177	3.212	0.52	2.085
20	20	7.384	2.954	0.40	1.847	7.100	2.840	0.40	1.975	6.674	2.670	0.40	2.122
22	16	6.319	4.550	0.72	1.756	6.035	4.345	0.72	1.884	5.751	4.141	0.72	2.039
22	18	6.816	4.090	0.60	1.802	6.603	3.962	0.60	1.939	6.177	3.706	0.60	2.085
22	20	7.384	3.544	0.48	1.847	7.100	3.408	0.48	1.975	6.674	3.204	0.48	2.122
24	16	6.319	5.055	0.80	1.756	6.035	4.828	0.80	1.884	5.751	4.601	0.80	2.039
24	18	6.816	4.635	0.68	1.802	6.603	4.490	0.68	1.939	6.177	4.200	0.68	2.085
24	20	7.384	4.135	0.56	1.847	7.100	3.976	0.56	1.975	6.674	3.737	0.56	2.122
24	22	7.952	3.499	0.44	1.884	7.668	3.374	0.44	2.030	7.242	3.186	0.44	2.158
26	16	6.319	5.561	0.88	1.756	6.035	5.311	0.88	1.884	5.751	5.061	0.88	2.039
26	18	6.816	5.180	0.76	1.802	6.603	5.018	0.76	1.939	6.177	4.695	0.76	2.085
26	20	7.384	4.726	0.64	1.847	7.100	4.544	0.64	1.975	6.674	4.271	0.64	2.122
26	22	7.952	4.135	0.52	1.884	7.668	3.987	0.52	2.030	7.242	3.766	0.52	2.158
27	16	6.319	5.813	0.92	1.756	6.035	5.552	0.92	1.884	5.751	5.291	0.92	2.039
27	18	6.816	5.453	0.80	1.802	6.603	5.282	0.80	1.939	6.177	4.942	0.80	2.085
27	20	7.384	5.021	0.68	1.847	7.100	4.828	0.68	1.975	6.674	4.538	0.68	2.122
27	22	7.952	4.453	0.56	1.884	7.668	4.294	0.56	2.030	7.242	4.056	0.56	2.158
28	16	6.319	6.066	0.96	1.756	6.035	5.794	0.96	1.884	5.751	5.521	0.96	2.039
28	18	6.816	5.725	0.84	1.802	6.603	5.547	0.84	1.939	6.177	5.189	0.84	2.085
28	20	7.384	5.316	0.72	1.847	7.100	5.112	0.72	1.975	6.674	4.805	0.72	2.122
28	22	7.952	4.771	0.60	1.884	7.668	4.601	0.60	2.030	7.242	4.345	0.60	2.158
30	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
30	18	6.816	6.271	0.92	1.802	6.603	6.075	0.92	1.939	6.177	5.683	0.92	2.085
30	20	7.384	5.907	0.80	1.847	7.100	5.680	0.80	1.975	6.674	5.339	0.80	2.122
30	22	7.952	5.407	0.68	1.884	7.668	5.214	0.68	2.030	7.242	4.925	0.68	2.158
32	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
32	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
32	20	7.384	6.498	0.88	1.847	7.100	6.248	0.88	1.975	6.674	5.873	0.88	2.122
32	22	7.952	6.044	0.76	1.884	7.668	5.828	0.76	2.030	7.242	5.504	0.76	2.158
34	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
34	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
34	20	7.384	7.089	0.96	1.847	7.100	6.816	0.96	1.975	6.674	6.407	0.96	2.122
34	22	7.952											

A.4.5.2 R410A type

COOLING CAPACITY PCA-M71HA2 / PUHZ-ZRP71VHA2

CEILING-SUSPENDED for Kitchens PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.499	0.64	1.736	6.816	4.362	0.64	1.834	6.603	4.226	0.64	1.942
20	18	7.526	3.914	0.52	1.769	7.313	3.803	0.52	1.866	7.065	3.674	0.52	1.996
20	20	8.094	3.238	0.40	1.823	7.917	3.167	0.40	1.910	7.704	3.082	0.40	2.040
22	16	7.029	5.061	0.72	1.736	6.816	4.908	0.72	1.834	6.603	4.754	0.72	1.942
22	18	7.526	4.516	0.60	1.769	7.313	4.388	0.60	1.866	7.065	4.239	0.60	1.996
22	20	8.094	3.885	0.48	1.823	7.917	3.800	0.48	1.910	7.704	3.698	0.48	2.040
24	16	7.029	5.623	0.80	1.736	6.816	5.453	0.80	1.834	6.603	5.282	0.80	1.942
24	18	7.526	5.118	0.68	1.769	7.313	4.973	0.68	1.866	7.065	4.804	0.68	1.996
24	20	8.094	4.533	0.56	1.823	7.917	4.434	0.56	1.910	7.704	4.314	0.56	2.040
24	22	8.627	3.796	0.44	1.866	8.449	3.718	0.44	1.975	8.236	3.624	0.44	2.105
26	16	7.029	6.186	0.88	1.736	6.816	5.998	0.88	1.834	6.603	5.811	0.88	1.942
26	18	7.526	5.720	0.76	1.769	7.313	5.558	0.76	1.866	7.065	5.369	0.76	1.996
26	20	8.094	5.180	0.64	1.823	7.917	5.067	0.64	1.910	7.704	4.931	0.64	2.040
26	22	8.627	4.486	0.52	1.866	8.449	4.393	0.52	1.975	8.236	4.283	0.52	2.105
27	16	7.029	6.467	0.92	1.736	6.816	6.271	0.92	1.834	6.603	6.075	0.92	1.942
27	18	7.526	6.021	0.80	1.769	7.313	5.850	0.80	1.866	7.065	5.652	0.80	1.996
27	20	8.094	5.504	0.68	1.823	7.917	5.384	0.68	1.910	7.704	5.239	0.68	2.040
27	22	8.627	4.831	0.56	1.866	8.449	4.731	0.56	1.975	8.236	4.612	0.56	2.105
28	16	7.029	6.748	0.96	1.736	6.816	6.543	0.96	1.834	6.603	6.339	0.96	1.942
28	18	7.526	6.322	0.84	1.769	7.313	6.143	0.84	1.866	7.065	5.935	0.84	1.996
28	20	8.094	5.828	0.72	1.823	7.917	5.700	0.72	1.910	7.704	5.547	0.72	2.040
28	22	8.627	5.176	0.60	1.866	8.449	5.069	0.60	1.975	8.236	4.942	0.60	2.105
30	16	7.029	7.029	1.00	1.736	6.816	6.816	1.00	1.834	6.603	6.603	1.00	1.942
30	18	7.526	6.924	0.92	1.769	7.313	6.728	0.92	1.866	7.065	6.500	0.92	1.996
30	20	8.094	6.475	0.80	1.823	7.917	6.334	0.80	1.910	7.704	6.163	0.80	2.040
30	22	8.627	5.866	0.68	1.866	8.449	5.745	0.68	1.975	8.236	5.600	0.68	2.105
32	16	7.029	7.029	1.00	1.736	6.816	6.816	1.00	1.834	6.603	6.603	1.00	1.942
32	18	7.526	7.526	1.00	1.769	7.313	7.313	1.00	1.866	7.065	7.065	1.00	1.996
32	20	8.094	7.123	0.88	1.823	7.917	6.967	0.88	1.910	7.704	6.780	0.88	2.040
32	22	8.627	6.557	0.76	1.866	8.449	6.421	0.76	1.975	8.236	6.259	0.76	2.105
34	16	7.029	7.029	1.00	1.736	6.816	6.816	1.00	1.834	6.603	6.603	1.00	1.942
34	18	7.526	7.526	1.00	1.769	7.313	7.313	1.00	1.866	7.065	7.065	1.00	1.996
34	20	8.094	7.770	0.96	1.823	7.917	7.600	0.96	1.910	7.704	7.396	0.96	2.040
34	22	8.627	7.247	0.84	1.866	8.449	7.097	0.84	1.975	8.236	6.918	0.84	2.105

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.044	0.64	2.083	6.035	3.862	0.64	2.235	5.751	3.681	0.64	2.420
20	18	6.816	3.544	0.52	2.137	6.603	3.434	0.52	2.300	6.177	3.212	0.52	2.474
20	20	7.384	2.954	0.40	2.192	7.100	2.840	0.40	2.344	6.674	2.670	0.40	2.517
22	16	6.319	4.550	0.72	2.083	6.035	4.345	0.72	2.235	5.751	4.141	0.72	2.420
22	18	6.816	4.090	0.60	2.137	6.603	3.962	0.60	2.300	6.177	3.706	0.60	2.474
22	20	7.384	3.544	0.48	2.192	7.100	3.408	0.48	2.344	6.674	3.204	0.48	2.517
24	16	6.319	5.055	0.80	2.083	6.035	4.828	0.80	2.235	5.751	4.601	0.80	2.420
24	18	6.816	4.635	0.68	2.137	6.603	4.490	0.68	2.300	6.177	4.200	0.68	2.474
24	20	7.384	4.135	0.56	2.192	7.100	3.976	0.56	2.344	6.674	3.737	0.56	2.517
24	22	7.952	3.499	0.44	2.235	7.668	3.374	0.44	2.409	7.242	3.186	0.44	2.561
26	16	6.319	5.561	0.88	2.083	6.035	5.311	0.88	2.235	5.751	5.061	0.88	2.420
26	18	6.816	5.180	0.76	2.137	6.603	5.018	0.76	2.300	6.177	4.695	0.76	2.474
26	20	7.384	4.726	0.64	2.192	7.100	4.544	0.64	2.344	6.674	4.271	0.64	2.517
26	22	7.952	4.135	0.52	2.235	7.668	3.987	0.52	2.409	7.242	3.766	0.52	2.561
27	16	6.319	5.813	0.92	2.083	6.035	5.552	0.92	2.235	5.751	5.291	0.92	2.420
27	18	6.816	5.453	0.80	2.137	6.603	5.282	0.80	2.300	6.177	4.942	0.80	2.474
27	20	7.384	5.021	0.68	2.192	7.100	4.828	0.68	2.344	6.674	4.538	0.68	2.517
27	22	7.952	4.453	0.56	2.235	7.668	4.294	0.56	2.409	7.242	4.056	0.56	2.561
28	16	6.319	6.066	0.96	2.083	6.035	5.794	0.96	2.235	5.751	5.521	0.96	2.420
28	18	6.816	5.725	0.84	2.137	6.603	5.547	0.84	2.300	6.177	5.189	0.84	2.474
28	20	7.384	5.316	0.72	2.192	7.100	5.112	0.72	2.344	6.674	4.805	0.72	2.517
28	22	7.952	4.771	0.60	2.235	7.668	4.601	0.60	2.409	7.242	4.345	0.60	2.561
30	16	6.319	6.319	1.00	2.083	6.035	6.035	1.00	2.235	5.751	5.751	1.00	2.420
30	18	6.816	6.271	0.92	2.137	6.603	6.075	0.92	2.300	6.177	5.683	0.92	2.474
30	20	7.384	5.907	0.80	2.192	7.100	5.680	0.80	2.344	6.674	5.339	0.80	2.517
30	22	7.952	5.407	0.68	2.235	7.668	5.214	0.68	2.409	7.242	4.925	0.68	2.561
32	16	6.319	6.319	1.00	2.083	6.035	6.035	1.00	2.235	5.751	5.751	1.00	2.420
32	18	6.816	6.816	1.00	2.137	6.603	6.603	1.00	2.300	6.177	6.177	1.00	2.474
32	20	7.384	6.498	0.88	2.192	7.100	6.248	0.88	2.344	6.674	5.873	0.88	2.517
32	22	7.952	6.044	0.76	2.235	7.668	5.828	0.76	2.409	7.242	5.504	0.76	2.561
34	16	6.319	6.319	1.00	2.083	6.035	6.035	1.00	2.235	5.751	5.751	1.00	2.420
34	18	6.816	6.816	1.00	2.137	6.603	6.603	1.00	2.300	6.177	6.177	1.00	2.474
34	20	7.384	7.089	0.96	2.192	7.100	6.816	0.96	2.344	6.674	6.407	0.96	2.517
34	22	7.952	6.680	0.84	2.235	7.668	6.441	0.84	2.409	7.242	6.083	0.84	2.561

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**HEATING CAPACITY
PCA-M71HA2 / PUZ-ZM-VHA2**

Indoor intake air DB°C	Outdoor intake air WB°C											
	-10		-5		0		5		10		15	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.826	1.281	5.244	1.411	5.852	1.628	7.676	1.954	8.664	2.171	9.652	2.345
20	4.636	1.389	5.016	1.520	5.548	1.759	7.410	2.106	8.360	2.345	9.310	2.518
25	4.484	1.476	4.864	1.650	5.320	1.910	6.992	2.236	8.056	2.508	8.968	2.703

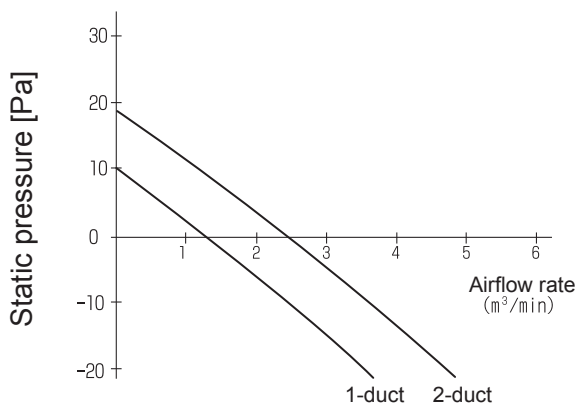
**HEATING CAPACITY
PCA-M71HA2 / PUHZ-ZRP-VHA2**

Indoor intake air DB°C	Outdoor intake air WB°C											
	-10		-5		0		5		10		15	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.826	1.387	5.244	1.528	5.852	1.763	7.676	2.115	8.664	2.350	9.652	2.538
20	4.636	1.504	5.016	1.645	5.548	1.904	7.410	2.280	8.360	2.538	9.310	2.726
25	4.484	1.598	4.864	1.786	5.320	2.068	6.992	2.421	8.056	2.714	8.968	2.926

CEILING-SUSPENDED for Kitchens
PERFORMANCE DATA
FRESH AIR INTAKE

A.4.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS



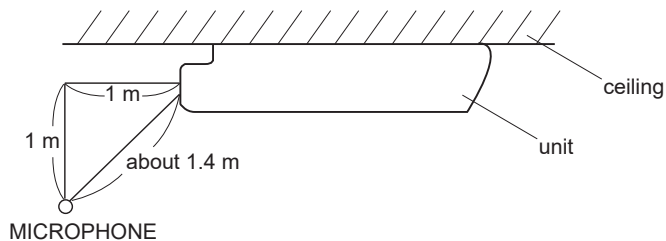
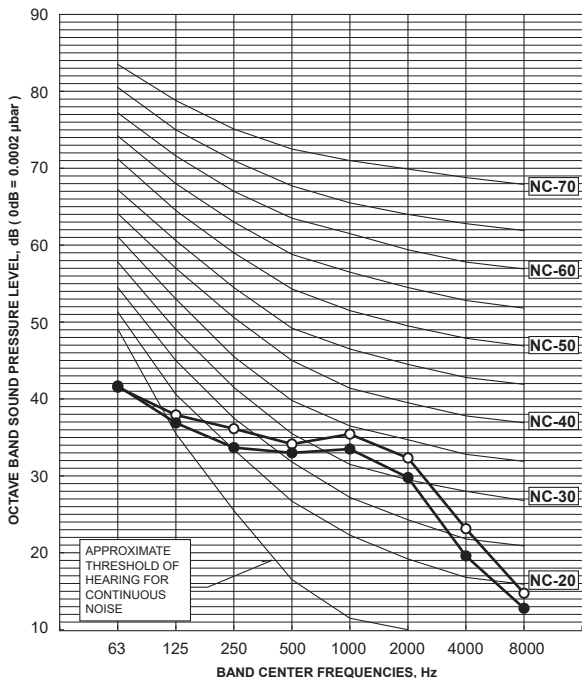
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.4.7 NOISE CRITERIA CURVES

NOTCH	SPL(dB)	LINE
High	39	○—○
Low	37	●—●

CEILING-SUSPENDED for Kitchens NOISE CRITERIA CURVES

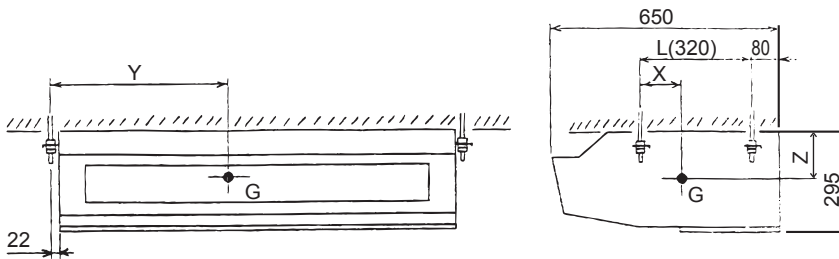


A.4.8 OUTLET AIR SPEED AND COVERAGE RANGE

	PCA-M71HA2
Air flow m ³ /min	18
Air speed m/sec	3.0
Coverage range m(ft)	9.9(32.5)

* The air coverage range is the distance to which the 0.25m/sec air can reach,when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.4.9 CENTER OF GRAVITY POSITION



Unit: [mm]

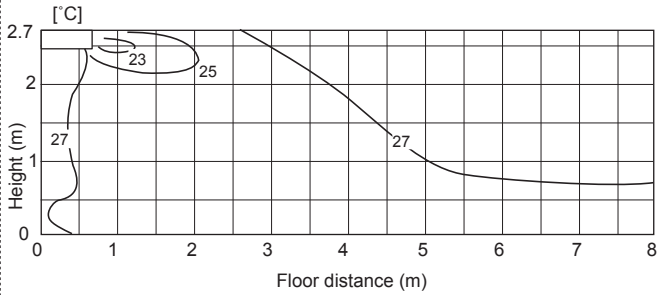
Model	X	Y	Z
PCA-M71HA2	125	575	170

A.4.10 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions PCA-M71HA2

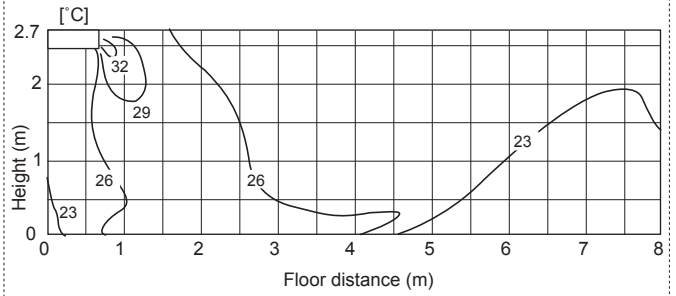
<Cooling mode>

Flow angle : 10°
Temperature setting : 27°C
High notch



<Heating mode>

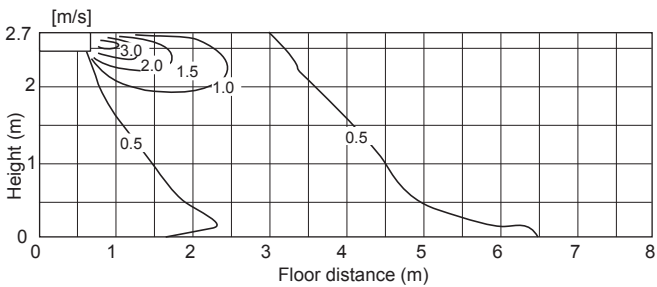
Flow angle : 60°
Temperature setting : 20°C
High notch



Airflow distributions PCA-M71HA2

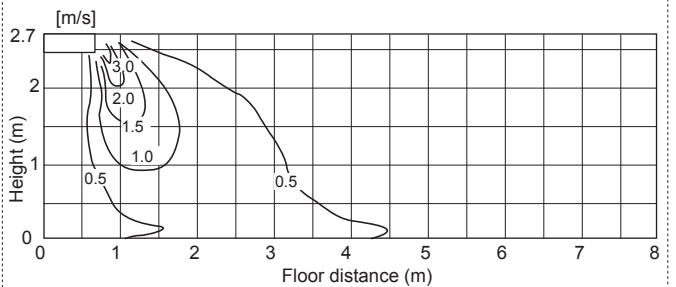
<Cooling mode>

Flow angle : 10°
Temperature setting : 27°C
High notch
Ceiling height : 2.7m



<Heating mode>

Flow angle : 60°
Temperature setting : 20°C
High notch
Ceiling height : 2.7m



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

A.5 FLOOR STANDING (PSA)

A.5.1	SPECIFICATIONS	A-250
	A.5.1.1 R32 type	A-250
	A.5.1.2 R410A type	A-254
A.5.2	OUTLINES AND DIMENSIONS	A-259
A.5.3	WIRING DIAGRAM.....	A-260
A.5.4	REFRIGERANT SYSTEM DIAGRAM	A-261
A.5.5	PERFORMANCE DATA.....	A-262
	A.5.5.1 R32 type	A-262
	A.5.5.2 R410A type	A-272
A.5.6	NOISE CRITERIA CURVES	A-281
A.5.7	TEMPERATURE AND FLOW DISTRIBUTIONS.....	A-282
A.5.8	OUTLET AIR SPEED AND COVERAGE RANGE	A-282
A.5.9	CENTER OF GRAVITY POSITION	A-282

A.5.1 SPECIFICATIONS

A.5.1.1 R32 type

1. Power Inverter SERIES

Model Name	Indoor Unit		PSA-M71KA	PSA-M100KA	PSA-M100KA		
	Outdoor Unit		PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2		
Refrigerant			R32				
Power Supply			Source Outdoor power supply				
Power Supply	Out	V	230	230	400		
		Phase	Single	Single	Three		
		Hz	50	50	50		
	In	V	—	—	—		
		Phase	—	—	—		
		Hz	—	—	—		
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	3.3	4.9	4.9	
		Max.	kW	8.1	11.4	11.4	
	SHF	Rated		0.75	0.73	0.73	
	Total Input	Rated	kW	1.888	2.493	2.493	
	EER			3.76	3.81	3.81	
	Annual Electricity Consumption		kWh/a	388	581	592	
	SEER			6.4	5.7	5.6	
		Energy efficiency class		A++	A+	A+	
	Heating	Capacity	Rated	kW	7.6	11.2	11.2
Min.			kW	3.5	4.5	4.5	
Max.			kW	10.2	14.0	14.0	
Total Input		Rated	kW	2.338	3.172	3.172	
COP				3.25	3.53	3.53	
Annual Electricity Consumption			kWh/a	1636	2658	2659	
SCOP				4.0	4.1	4.1	
		Energy efficiency class		A+	A+	A+	
Operating Current(max)			A	19.4	20.7	8.7	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11
	Operating Current(max)		A	0.4	0.71	0.71	
	Dimensions	H × W × D	mm	1900-600-360	1900-600-360	1900-600-360	
	Weight		kg	46	46	46	
	Air Volume	Lo-Mid-Hi	m ³ /min.	20-22-24	25-28-30	25-28-30	
	External Static Pressure		Pa	0	0	0	
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	40-42-44	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling		60	65	65	
Outdoor Unit	Dimensions	H × W × D	mm	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	67	105	111	
	Air Volume	Cooling	Rated	m ³ /min.	55	110	110
		Heating	Rated	m ³ /min.	55	110	110
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
			Silent	dB(A)	44	46	46
		Heating	Rated	dB(A)	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	67	69	69
	Operating Current(max)		A	19	20	8	
	Breaker Size		A	25	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	55	100	100	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-15	-15	
		Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name	Indoor Unit			PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	
	Outdoor Unit			PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2	
Refrigerant				R32				
Power Supply				Outdoor power supply				
Power Supply	Out	Source		V	230	400	230	400
		Phase		Single	Single	Three	Single	Three
		Hz		50	50	50	50	50
	In	V		—	—	—	—	—
		Phase		—	—	—	—	—
		Hz		—	—	—	—	—
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4	
		Min.	kW	5.5	5.5	6.2	6.2	
		Max.	kW	14.0	14.0	15.0	15.0	
	SHF	Rated		0.72	0.72	0.71	0.71	
	Total Input	Rated	kW	3.955	3.955	3.976	3.976	
	EER			3.16	3.16	3.37	3.37	
	Annual Electricity Consumption		kWh/a	835	846	765	776	
	SEER			5.2	5.1	6.1	6.0	
	Energy efficiency class			A	A	A++	A+	
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0
Min.			kW	5	5	5.7	5.7	
Max.			kW	16.0	16.0	18.0	18.0	
Total Input		Rated	kW	4.501	4.501	5.000	5.000	
COP			3.11	3.11	3.20	3.20		
Annual Electricity Consumption		kWh/a	3337	3338	3685	3685		
SCOP			3.9	3.9	4.0	4.0		
Energy efficiency class			A	A	A+	A+		
Operating Current(max)			A	27.2	9.7	30.7	12.5	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.73	0.73	0.73	0.73
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	48	48
	Air Volume	Lo-Mid-Hi		m ³ /min.	25-28-31	25-28-31	25-28-31	25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	Cooling			66	66	66	66
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	114	105	118
	Air Volume	Cooling	Rated	m ³ /min.	120	120	120	120
		Heating	Rated	m ³ /min.	120	120	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70	70	70
	Operating Current(max)			A	26.5	9	30	11.8
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	100	100	100	100	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-20	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

FLOOR-STANDING SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Standard Inverter SERIES

Model Name	Indoor Unit			PSA-M71KA	PSA-M100KA	PSA-M100KA	
	Outdoor Unit			SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2	
Refrigerant				R32			
Power Supply				Source Outdoor power supply			
Power Supply	Out	V		230	230	400	
		Phase		Single	Single	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	7.1	9.4	9.4	
		Min.	kW	2.2	3.7	3.7	
		Max.	kW	8.1	10.6	10.6	
	SHF	Rated		0.75	0.73	0.73	
	Total Input	Rated	kW	1.972	2.686	2.686	
	EER			3.60	3.50	3.50	
	Annual Electricity Consumption		kWh/a	394	591	591	
	SEER			6.3	5.5	5.5	
	Energy efficiency class			A++	A	A	
	Heating	Capacity	Rated	kW	8.0	11.2	11.2
Min.			kW	2.1	2.8	2.8	
Max.			kW	10.2	12.5	12.5	
Total Input		Rated	kW	2.492	3.246	3.246	
COP			3.21	3.45	3.45		
Annual Electricity Consumption		kWh/a	2003	2745	2745		
SCOP			4.0	4.0	4.0		
Energy efficiency class			A+	A+	A+		
Operating Current(max)			A	15.2	20.7	12.2	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11
	Operating Current(max)			A	0.4	0.71	0.71
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	46
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-22-24	25-28-30	25-28-30
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	40-42-44	45-49-51	45-49-51
	Sound Level (PWL)	Cooling		dB(A)	60	65	65
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	79	79
		Heating	Rated	m ³ /min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	46	46
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In		m	30	55	55
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-15
			Upper Limit.	°C	+24	+24	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name	Indoor Unit			PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	
	Outdoor Unit			PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2	
Refrigerant				R32				
Power Supply				Outdoor power supply				
Power Supply	Out	Source		V	230	400	230	400
		Phase		Single	Single	Three	Single	Three
		Hz		50	50	50	50	50
	In	V		—	—	—	—	—
		Phase		—	—	—	—	—
		Hz		—	—	—	—	—
Cooling	Capacity	Rated	kW	12.1	12.1	13.6	13.6	
		Min.	kW	5.6	5.6	5.8	5.8	
		Max.	kW	13.0	13.0	13.7	13.7	
	SHF	Rated		0.72	0.72	0.71	0.71	
	Total Input	Rated	kW	4.481	4.481	5.037	5.037	
	EER			2.70	2.70	2.70	2.70	
	Annual Electricity Consumption		kWh/a	823	823	868	868	
	SEER			5.1	5.1	5.4	5.4	
	Energy efficiency class			A	A	A	A	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	4.8	4.8	4.9	4.9	
Max.			kW	15.0	15.0	15.8	15.8	
Total Input		Rated	kW	4.355	4.355	4.761	4.761	
COP			3.10	3.10	3.15	3.15		
Annual Electricity Consumption		kWh/a	3095	3095	3269	3269		
SCOP			3.8	3.8	4.0	4.0		
Energy efficiency class			A	A	A+	A+		
Operating Current(max)			A	27.2	12.2	30.7	12.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.73	0.73	0.73	0.73
	Dimensions		H × W × D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	48	48
	Air Volume	Lo-Mid-Hi		m ³ /min.	25-28-31	25-28-31	25-28-31	25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	Cooling		dB(A)	66	66	66	66
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	55	55
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling		dB(A)	72	72	73	73
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	65	65	65	65	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+21	+21	+21	+21

FLOOR-STANDING SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.5.1.2 R410A type
1. Power Inverter SERIES

Model Name		Indoor Unit		PSA-M71KA	PSA-M100KA	PSA-M100KA	
		Outdoor Unit		PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	
Refrigerant				R410A			
Power Supply			Source	Outdoor power supply			
Power Supply	Out	V		230	230	400	
		Phase		Single	Single	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	3.3	4.9	4.9	
		Max.	kW	8.1	11.4	11.4	
	SHF	Rated		0.75	0.73	0.73	
	Total Input	Rated	kW	1.890	2.500	2.500	
	EER			3.76	3.80	3.80	
	Annual Electricity Consumption		kWh/a	394	584	595	
	SEER			6.3	5.6	5.5	
			Energy efficiency class	A++	A+	A	
	Heating	Capacity	Rated	kW	7.6	11.2	11.2
Min.			kW	3.5	4.5	4.5	
Max.			kW	10.2	14.0	14.0	
Total Input		Rated	kW	2.210	3.080	3.080	
COP			3.44	3.64	3.64		
Annual Electricity Consumption		kWh/a	1668	2730	2731		
SCOP			3.9	3.9	3.9		
		Energy efficiency class	A	A	A		
Operating Current(max)			A	19.4	27.2	8.7	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11
	Operating Current(max)		A	0.4	0.71	0.71	
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360
	Weight		kg	46	46	46	
	Air Volume	Lo-Mid-Hi	m ³ /min.	20-22-24	25-28-30	25-28-30	
	External Static Pressure		Pa	0	0	0	
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	40-42-44	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling		60	65	65	
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+30)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight		kg	70	116	123	
	Air Volume	Cooling	Rated	m ³ /min.	55	110	110
		Heating	Rated	m ³ /min.	55	110	110
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
			Silent	dB(A)	44	46	46
		Heating	Rated	dB(A)	48	51	51
	Sound Level (PWL)	Cooling	dB(A)	67	69	69	
	Operating Current(max)		A	19	26.5	8	
	Breaker Size		A	25	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	50	75	75	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR-STANDING SPECIFICATIONS

Model Name		Indoor Unit		PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	
		Outdoor Unit		PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	230		400	230	400		
		Phase	Single		Three	Single	Three	
			Hz		50	50	50	
	In	V	—		—	—	—	
			Phase	—		—	—	
				Hz		—	—	—
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4	
		Min.	kW	5.5	5.5	6.2	6.2	
		Max.	kW	14.0	14.0	15.0	15.0	
	SHF	Rated		0.72	0.72	0.71	0.71	
	Total Input	Rated	kW	4.084	4.084	4.060	4.060	
	EER			3.06	3.06	3.30	3.30	
	Annual Electricity Consumption		kWh/a	872	883	872	883	
	SEER			5.0	4.9	5.3	5.3	
			Energy efficiency class	B	B	A	A	
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0
Min.			kW	5.0	5.0	5.7	5.7	
Max.			kW	16.0	16.0	18.0	18.0	
Total Input		Rated	kW	4.242	4.242	4.790	4.790	
COP			3.30	3.30	3.34	3.34		
Annual Electricity Consumption		kWh/a	3288	3289	3333	3334		
SCOP			3.9	3.9	4.4	4.4		
		Energy efficiency class	A	A	A+	A+		
Operating Current(max)			A	27.2	10.2	28.7	13.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)		A	0.73	0.73	0.73	0.73	
	Dimensions		H × W × D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	48	48
	Air Volume	Lo-Mid-Hi		m ³ /min.	25-28-31	25-28-31	25-28-31	25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	Cooling		dB(A)	66	66	66	66
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m ³ /min.	120	120	120	120
		Heating	Rated	m ³ /min.	120	120	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70	70	70
	Operating Current(max)			A	26.5	9.5	28	13
Breaker Size			A	32	16	40	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	75	75	75	75	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-20	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

FLOOR-STANDING SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Mr.Slim+

Model Name	Indoor Unit			PSA-M71KA		
	Outdoor Unit			PUHZ-FRP71VHA2		
Refrigerant						
R410A						
Power Supply	Out			Source	Outdoor power supply	
				V	230	
	In			Phase	Single	
				Hz	50	
	In			V	—	
				Phase	—	
In			Hz	—		
			In			Hz
Cooling	Capacity	Rated				kW
		Min.	kW	3.3		
		Max.	kW	8.1		
	SHF	Rated		0.75		
	Total Input	Rated	kW	2.151		
	EER				3.30	
	Annual Electricity Consumption		kWh/a	409		
	SEER					6.0
			Energy efficiency class	A+		
	Heating	Capacity	Rated	kW	8.0	
Min.			kW	3.5		
Max.			kW	10.2		
Total Input		Rated	kW	2.424		
COP			3.30			
Annual Electricity Consumption		kWh/a	1699			
SCOP					3.8	
		Energy efficiency class	A			
Operating Current(max)			A	19.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06	
		Operating Current(max)			A	0.4
	Dimensions		H × W × D	mm	1900-600-360	
	Weight			kg	46	
	Air Volume	Lo-Mid-Hi	m ³ /min.	20-22-24		
	External Static Pressure			Pa	0	
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	40-42-44		
	Sound Level (PWL)	Cooling			60	
Outdoor Unit	Dimensions		H × W × D	mm	943-950-330	
	Weight			kg	73	
	Air Volume	Cooling	Rated	m ³ /min.	50	
		Heating	Rated	m ³ /min.	50	
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	
			Silent	dB(A)	—	
		Heating	Rated	dB(A)	49	
	Sound Level (PWL)	Cooling		dB(A)	67	
	Operating Current(max)			A	19.0	
	Breaker Size			A	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		
		Gas	mm	15.88		
	Max.Length	Out-In	m	60		
	Max. Height	Out-In	m	20		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	
			Upper Limit.	°C	+46	
		Heating	Lower Limit.	°C	-20	
			Upper Limit.	°C	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR-STANDING SPECIFICATIONS

3. Standard Inverter SERIES

Model Name		Indoor Unit		PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA				
		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA				
Refrigerant				R410A							
Power Supply			Source	Outdoor power supply							
Out	V	230		400		230		400			
		Phase		Single		Three		Single		Three	
		Hz		50		50		50		50	
	In	V		—		—		—		—	
		Phase		—		—		—		—	
		Hz		—		—		—		—	
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1				
		Min.	kW	3.7	3.7	5.6	5.6				
		Max.	kW	10.6	10.6	13.0	13.0				
	SHF	Rated		0.73	0.73	0.72	0.72				
	Total Input	Rated	kW	3.122	3.122	5.020	5.020				
	EER			3.01	3.01	2.41	2.41				
	Annual Electricity Consumption		kWh/a	644	644	841	841				
	SEER			5.1	5.1	5.0	5.0				
			Energy efficiency class		A	A	B	B			
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5			
Min.			kW	2.8	2.8	4.8	4.8				
Max.			kW	12.5	12.5	15.0	15.0				
Total Input		Rated	kW	3.284	3.284	4.804	4.804				
COP			3.41	3.41	2.81	2.81					
Annual Electricity Consumption		kWh/a	2797	2797	3011	3011					
SCOP			4.0	4.0	3.9	3.9					
		Energy efficiency class		A+	A+	A	A				
Operating Current(max)			A	20.7	12.2	27.2	12.2				
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11			
	Operating Current(max)			A	0.71	0.71	0.73	0.73			
	Dimensions		H × W × D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360			
	Weight			kg	46	46	46	46			
	Air Volume	Lo-Mid-Hi		m ³ /min.	25-28-30	25-28-30	25-28-31	25-28-31			
	External Static Pressure			Pa	0	0	0	0			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51			
	Sound Level (PWL)	Cooling		dB(A)	65	65	66	66			
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330			
	Weight			kg	76	78	84	85			
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86			
		Heating	Rated	m ³ /min.	79	79	92	92			
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54			
			Silent	dB(A)	49	49	52	52			
		Heating	Rated	dB(A)	54	54	56	56			
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72			
	Operating Current(max)			A	20	11.5	26.5	11.5			
	Breaker Size			A	32	16	32	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52				
		Gas	mm	15.88	15.88	15.88	15.88				
	Max.Length	Out-In	m	50	50	50	50				
	Max. Height	Out-In	m	30	30	30	30				
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15			
			Upper Limit.	°C	+46	+46	+46	+46			
	Heating	Lower Limit.	°C	-15	-15	-15	-15				
		Upper Limit.	°C	+21	+21	+21	+21				

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR-STANDING SPECIFICATIONS

Model Name		Indoor Unit		PSA-M140KA		PSA-M140KA	
		Outdoor Unit		PUHZ-P140VKA		PUHZ-P140YKA	
Refrigerant				R410A			
Power Supply				Outdoor power supply			
Power Supply	Out	Source		Outdoor power supply			
		V		230		400	
		Phase		Single		Three	
	In	V		—		—	
		Phase		—		—	
		Hz		—		—	
Cooling	Capacity	Rated	kW	13.6		13.6	
		Min.	kW	5.8		5.8	
		Max.	kW	13.7		13.7	
	SHF	Rated		0.71		0.71	
	Total Input	Rated	kW	6.384		6.384	
	EER			2.13		2.13	
	Annual Electricity Consumption		kWh/a	941		941	
	SEER			5.0		5.0	
		Energy efficiency class		B		B	
Heating	Capacity	Rated	kW	15.0		15.0	
		Min.	kW	4.9		4.9	
		Max.	kW	15.8		15.8	
	Total Input	Rated	kW	4.823		4.823	
	COP			3.11		3.11	
	Annual Electricity Consumption		kWh/a	3282		3282	
	SCOP			4.0		4.0	
		Energy efficiency class		A+		A+	
Operating Current(max)			A	30.7		12.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11		0.11 / 0.11
	Operating Current(max)			A	0.73		0.73
	Dimensions	H × W × D		mm	1900-600-360		1900-600-360
	Weight			kg	48		48
	Air Volume	Lo-Mid-Hi		m ³ /min.	25-28-31		25-28-31
	External Static Pressure			Pa	0		0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51		45-49-51
	Sound Level (PWL)	Cooling		dB(A)	66		66
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330		981-1050-330
	Weight			kg	84		85
	Air Volume	Cooling	Rated	m ³ /min.	86		86
		Heating	Rated	m ³ /min.	92		92
	Sound Level (SPL)	Cooling	Rated	dB(A)	56		56
			Silent	dB(A)	54		54
		Heating	Rated	dB(A)	57		57
	Sound Level (PWL)	Cooling		dB(A)	75		75
	Operating Current(max)			A	30		11.5
	Breaker Size			A	40		16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52	
		Gas	mm	15.88		15.88	
	Max.Length	Out-In		m	50		50
	Max. Height	Out-In		m	30		30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15
			Upper Limit.	°C	+46		+46
		Heating	Lower Limit.	°C	-15		-15
			Upper Limit.	°C	+21		+21

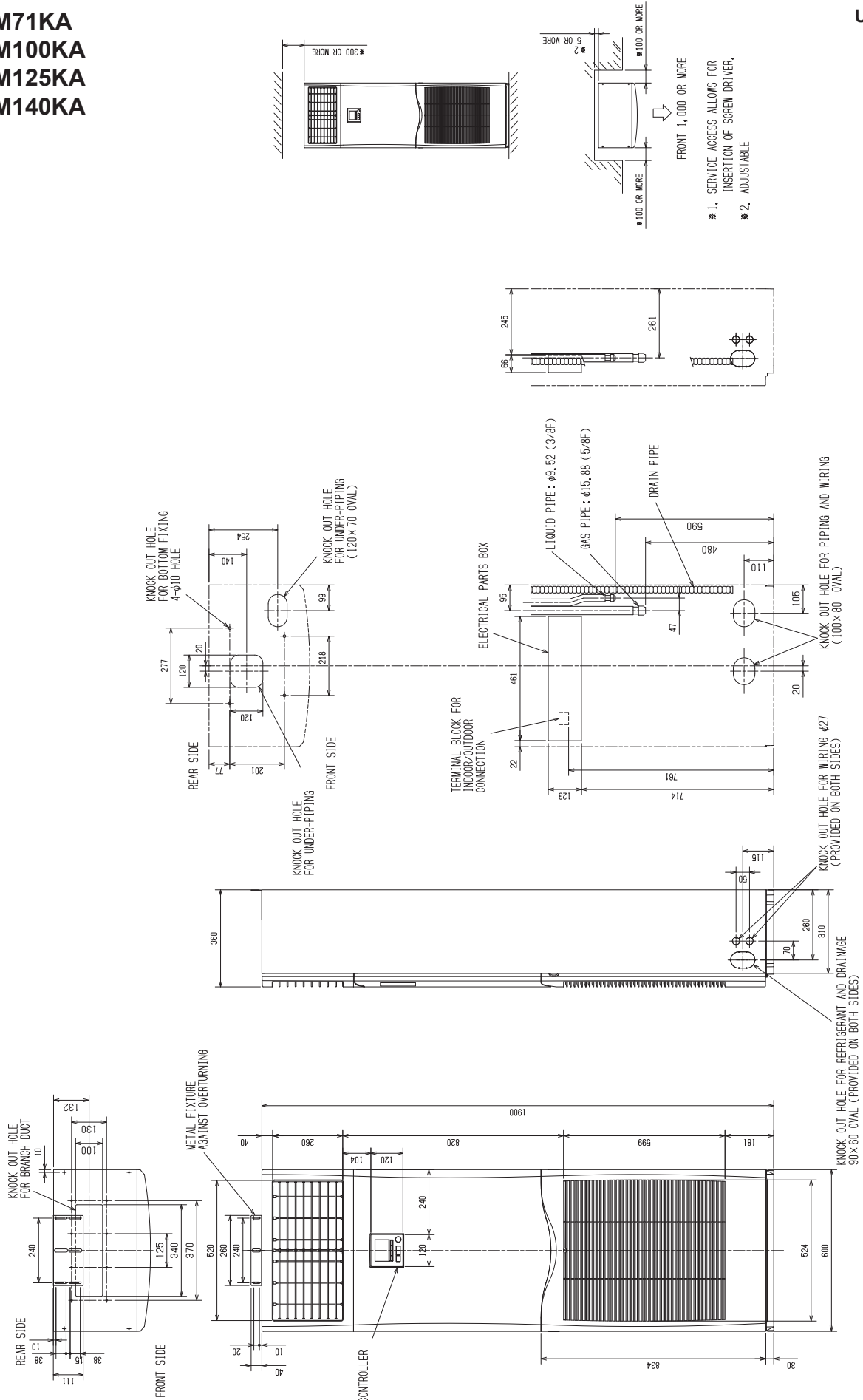
(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.5.2 OUTLINES AND DIMENSIONS

PSA-M71KA
 PSA-M100KA
 PSA-M125KA
 PSA-M140KA

Unit : mm

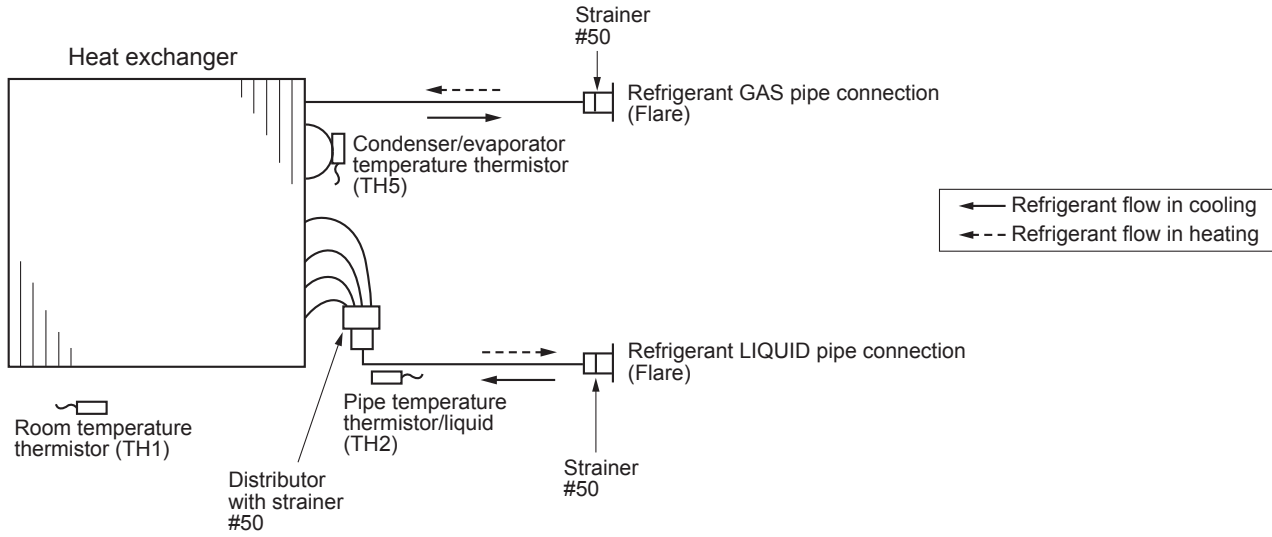


FLOOR-STANDING

OUTLINES AND DIMENSIONS

A.5.4 REFRIGERANT SYSTEM DIAGRAM

PSA-M71KA
 PSA-M100KA
 PSA-M125KA
 PSA-M140KA



FLOOR-
STANDING

REFRIGERANT SYSTEM DIAGRAM

A.5.5 PERFORMANCE DATA

A.5.5.1 R32 type

COOLING CAPACITY PSA-M71KA / PUZ-ZM71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.208	0.97	1.384	5.244	5.087	0.97	1.512	5.118	4.964	0.97	1.640
14	8	5.483	4.935	0.90	1.384	5.337	4.803	0.90	1.514	5.190	4.671	0.90	1.644
14	9	5.710	4.682	0.82	1.381	5.558	4.558	0.82	1.517	5.405	4.432	0.82	1.653
16	8	5.594	5.426	0.97	1.382	5.464	5.300	0.97	1.516	5.335	5.175	0.97	1.650
16	9	5.752	5.062	0.88	1.381	5.598	4.926	0.88	1.518	5.445	4.792	0.88	1.655
16	11	6.016	4.813	0.80	1.377	5.855	4.684	0.80	1.521	5.694	4.555	0.80	1.665
18	10	5.825	5.592	0.96	1.380	5.689	5.461	0.96	1.519	5.554	5.332	0.96	1.659
18	11	6.039	5.254	0.87	1.378	5.877	5.113	0.87	1.522	5.715	4.972	0.87	1.666
18	12	6.341	4.946	0.78	1.373	6.169	4.812	0.78	1.524	5.997	4.678	0.78	1.675
20	16	7.029	4.569	0.65	1.510	6.816	4.430	0.65	1.595	6.603	4.292	0.65	1.690
20	18	7.526	3.989	0.53	1.539	7.313	3.876	0.53	1.624	7.065	3.744	0.53	1.737
20	20	8.094	3.319	0.41	1.586	7.917	3.246	0.41	1.661	7.704	3.159	0.41	1.775
22	16	7.029	5.131	0.73	1.510	6.816	4.976	0.73	1.595	6.603	4.820	0.73	1.690
22	18	7.526	4.591	0.61	1.539	7.313	4.461	0.61	1.624	7.065	4.310	0.61	1.737
22	20	8.094	3.966	0.49	1.586	7.917	3.879	0.49	1.661	7.704	3.775	0.49	1.775
24	16	7.029	5.693	0.81	1.510	6.816	5.521	0.81	1.595	6.603	5.348	0.81	1.690
24	18	7.526	5.193	0.69	1.539	7.313	5.046	0.69	1.624	7.065	4.875	0.69	1.737
24	20	8.094	4.614	0.57	1.586	7.917	4.513	0.57	1.661	7.704	4.391	0.57	1.775
24	22	8.627	3.882	0.45	1.624	8.449	3.802	0.45	1.718	8.236	3.706	0.45	1.831
26	16	7.029	6.256	0.89	1.510	6.816	6.066	0.89	1.595	6.603	5.877	0.89	1.690
26	18	7.526	5.795	0.77	1.539	7.313	5.631	0.77	1.624	7.065	5.440	0.77	1.737
26	20	8.094	5.261	0.65	1.586	7.917	5.146	0.65	1.661	7.704	5.008	0.65	1.775
26	22	8.627	4.572	0.53	1.624	8.449	4.478	0.53	1.718	8.236	4.365	0.53	1.831
27	16	7.029	6.537	0.93	1.510	6.816	6.339	0.93	1.595	6.603	6.141	0.93	1.690
27	18	7.526	6.096	0.81	1.539	7.313	5.924	0.81	1.624	7.065	5.723	0.81	1.737
27	20	8.094	5.585	0.69	1.586	7.917	5.463	0.69	1.661	7.704	5.316	0.69	1.775
27	22	8.627	4.917	0.57	1.624	8.449	4.816	0.57	1.718	8.236	4.695	0.57	1.831
28	16	7.029	6.818	0.97	1.510	6.816	6.612	0.97	1.595	6.603	6.405	0.97	1.690
28	18	7.526	6.397	0.85	1.539	7.313	6.216	0.85	1.624	7.065	6.005	0.85	1.737
28	20	8.094	5.909	0.73	1.586	7.917	5.779	0.73	1.661	7.704	5.624	0.73	1.775
28	22	8.627	5.262	0.61	1.624	8.449	5.154	0.61	1.718	8.236	5.024	0.61	1.831
30	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
30	18	7.526	6.999	0.93	1.539	7.313	6.801	0.93	1.624	7.065	6.570	0.93	1.737
30	20	8.094	6.556	0.81	1.586	7.917	6.413	0.81	1.661	7.704	6.240	0.81	1.775
30	22	8.627	5.953	0.69	1.624	8.449	5.830	0.69	1.718	8.236	5.683	0.69	1.831
32	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
32	18	7.526	7.526	1.00	1.539	7.313	7.313	1.00	1.624	7.065	7.065	1.00	1.737
32	20	8.094	7.204	0.89	1.586	7.917	7.046	0.89	1.661	7.704	6.857	0.89	1.775
32	22	8.627	6.643	0.77	1.624	8.449	6.506	0.77	1.718	8.236	6.342	0.77	1.831
34	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
34	18	7.526	7.526	1.00	1.539	7.313	7.313	1.00	1.624	7.065	7.065	1.00	1.737
34	20	8.094	7.851	0.97	1.586	7.917	7.679	0.97	1.661	7.704	7.473	0.97	1.775
34	22	8.627	7.333	0.85	1.624	8.449	7.182	0.85	1.718	8.236	7.001	0.85	1.831

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.829	0.97	1.785	4.827	4.682	0.97	1.936	4.702	4.561	0.97	2.085
14	8	5.027	4.524	0.90	1.789	4.862	4.376	0.90	1.939	4.729	4.256	0.90	2.088
14	9	5.237	4.294	0.82	1.803	5.057	4.147	0.82	1.957	4.909	4.025	0.82	2.109
16	8	5.190	5.034	0.97	1.800	5.035	4.884	0.97	1.955	4.906	4.759	0.97	2.109
16	9	5.276	4.643	0.88	1.806	5.096	4.484	0.88	1.960	4.953	4.359	0.88	2.114
16	11	5.519	4.415	0.80	1.821	5.331	4.265	0.80	1.980	5.173	4.138	0.80	2.138
18	10	5.406	5.190	0.96	1.814	5.247	5.037	0.96	1.974	5.114	4.909	0.96	2.131
18	11	5.540	4.820	0.87	1.822	5.352	4.656	0.87	1.982	5.194	4.519	0.87	2.140
18	12	5.814	4.535	0.78	1.837	5.618	4.382	0.78	2.002	5.450	4.251	0.78	2.165
20	16	6.319	4.107	0.65	1.812	6.035	3.923	0.65	1.945	5.751	3.738	0.65	2.105
20	18	6.816	3.612	0.53	1.860	6.603	3.500	0.53	2.001	6.177	3.274	0.53	2.152
20	20	7.384	3.027	0.41	1.907	7.100	2.911	0.41	2.039	6.674	2.736	0.41	2.190
22	16	6.319	4.613	0.73	1.812	6.035	4.406	0.73	1.945	5.751	4.198	0.73	2.105
22	18	6.816	4.158	0.61	1.860	6.603	4.028	0.61	2.001	6.177	3.768	0.61	2.152
22	20	7.384	3.618	0.49	1.907	7.100	3.479	0.49	2.039	6.674	3.270	0.49	2.190
24	16	6.319	5.118	0.81	1.812	6.035	4.888	0.81	1.945	5.751	4.658	0.81	2.105
24	18	6.816	4.703	0.69	1.860	6.603	4.556	0.69	2.001	6.177	4.262	0.69	2.152
24	20	7.384	4.209	0.57	1.907	7.100	4.047	0.57	2.039	6.674	3.804	0.57	2.190
24	22	7.952	3.578	0.45	1.945	7.668	3.451	0.45	2.096	7.242	3.259	0.45	2.228
26	16	6.319	5.624	0.89	1.812	6.035	5.371	0.89	1.945	5.751	5.118	0.89	2.105
26	18	6.816	5.248	0.77	1.860	6.603	5.084	0.77	2.001	6.177	4.756	0.77	2.152
26	20	7.384	4.800	0.65	1.907	7.100	4.615	0.65	2.039	6.674	4.338	0.65	2.190
26	22	7.952	4.215	0.53	1.945	7.668	4.064	0.53	2.096	7.242	3.838	0.53	2.228
27	16	6.319	5.877	0.93	1.812	6.035	5.613	0.93	1.945	5.751	5.348	0.93	2.105
27	18	6.816	5.521	0.81	1.860	6.603	5.348	0.81	2.001	6.177	5.003	0.81	2.152
27	20	7.384	5.095	0.69	1.907	7.100	4.899	0.69	2.039	6.674	4.605	0.69	2.190
27	22	7.952	4.533	0.57	1.945	7.668	4.371	0.57	2.096	7.242	4.128	0.57	2.228
28	16	6.319	6.129	0.97	1.812	6.035	5.854	0.97	1.945	5.751	5.578	0.97	2.105
28	18	6.816	5.794	0.85	1.860	6.603	5.613	0.85	2.001	6.177	5.250	0.85	2.152
28	20	7.384	5.390	0.73	1.907	7.100	5.183	0.73	2.039	6.674	4.872	0.73	2.190
28	22	7.952	4.851	0.61	1.945	7.668	4.677	0.61	2.096	7.242	4.418	0.61	2.228
30	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
30	18	6.816	6.339	0.93	1.860	6.603	6.141	0.93	2.001	6.177	5.745	0.93	2.152
30	20	7.384	5.981	0.81	1.907	7.100	5.751	0.81	2.039	6.674	5.406	0.81	2.190
30	22	7.952	5.487	0.69	1.945	7.668	5.291	0.69	2.096	7.242	4.997	0.69	2.228
32	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
32	18	6.816	6.816	1.00	1.860	6.603	6.603	1.00	2.001	6.177	6.177	1.00	2.152
32	20	7.384	6.572	0.89	1.907	7.100	6.319	0.89	2.039	6.674	5.940	0.89	2.190
32	22	7.952	6.123	0.77	1.945	7.668	5.904	0.77	2.096	7.242	5.576	0.77	2.228
34	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
34	18	6.816	6.816	1.00	1.860	6.603	6.603	1.00	2.001	6.177	6.177	1.00	2.152
34	20	7.384	7.162	0.97	1.907	7.100	6.887	0.97	2.039	6.674	6.474	0.97	2.190
34	22	7.952	6.759	0.85	1.945	7.668							

PSA-M100KA / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	6.825	0.95	1.828	7.016	6.665	0.95	1.996	6.848	6.506	0.95	2.165
14	8	7.337	6.457	0.88	1.827	7.141	6.284	0.88	1.999	6.945	6.112	0.88	2.170
14	9	7.641	6.113	0.80	1.824	7.436	5.949	0.80	2.003	7.232	5.786	0.80	2.183
16	8	7.485	7.111	0.95	1.825	7.311	6.945	0.95	2.002	7.138	6.781	0.95	2.179
16	9	7.696	6.619	0.86	1.823	7.491	6.442	0.86	2.004	7.286	6.266	0.86	2.185
16	11	8.050	6.279	0.78	1.819	7.834	6.111	0.78	2.009	7.619	5.943	0.78	2.199
18	10	7.794	7.326	0.94	1.822	7.613	7.156	0.94	2.006	7.431	6.985	0.94	2.191
18	11	8.080	6.868	0.85	1.819	7.864	6.684	0.85	2.009	7.647	6.500	0.85	2.199
18	12	8.485	6.449	0.76	1.813	8.255	6.274	0.76	2.012	8.024	6.098	0.76	2.212
20	16	9.405	5.925	0.63	1.994	9.120	5.746	0.63	2.107	8.835	5.566	0.63	2.231
20	18	10.070	5.136	0.51	2.032	9.785	4.990	0.51	2.144	9.453	4.821	0.51	2.294
20	20	10.830	4.224	0.39	2.094	10.593	4.131	0.39	2.194	10.308	4.020	0.39	2.343
22	16	9.405	6.678	0.71	1.994	9.120	6.475	0.71	2.107	8.835	6.273	0.71	2.231
22	18	10.070	5.941	0.59	2.032	9.785	5.773	0.59	2.144	9.453	5.577	0.59	2.294
22	20	10.830	5.090	0.47	2.094	10.593	4.979	0.47	2.194	10.308	4.845	0.47	2.343
24	16	9.405	7.430	0.79	1.994	9.120	7.205	0.79	2.107	8.835	6.980	0.79	2.231
24	18	10.070	6.747	0.67	2.032	9.785	6.556	0.67	2.144	9.453	6.334	0.67	2.294
24	20	10.830	5.957	0.55	2.094	10.593	5.826	0.55	2.194	10.308	5.669	0.55	2.343
24	22	11.543	4.963	0.43	2.144	11.305	4.861	0.43	2.269	11.020	4.739	0.43	2.418
26	16	9.405	8.182	0.87	1.994	9.120	7.934	0.87	2.107	8.835	7.686	0.87	2.231
26	18	10.070	7.553	0.75	2.032	9.785	7.339	0.75	2.144	9.453	7.090	0.75	2.294
26	20	10.830	6.823	0.63	2.094	10.593	6.674	0.63	2.194	10.308	6.494	0.63	2.343
26	22	11.543	5.887	0.51	2.144	11.305	5.766	0.51	2.269	11.020	5.620	0.51	2.418
27	16	9.405	8.559	0.91	1.994	9.120	8.299	0.91	2.107	8.835	8.040	0.91	2.231
27	18	10.070	7.955	0.79	2.032	9.785	7.730	0.79	2.144	9.453	7.468	0.79	2.294
27	20	10.830	7.256	0.67	2.094	10.593	7.097	0.67	2.194	10.308	6.906	0.67	2.343
27	22	11.543	6.349	0.55	2.144	11.305	6.218	0.55	2.269	11.020	6.061	0.55	2.418
28	16	9.405	8.935	0.95	1.994	9.120	8.664	0.95	2.107	8.835	8.393	0.95	2.231
28	18	10.070	8.358	0.83	2.032	9.785	8.122	0.83	2.144	9.453	7.846	0.83	2.294
28	20	10.830	7.689	0.71	2.094	10.593	7.521	0.71	2.194	10.308	7.319	0.71	2.343
28	22	11.543	6.810	0.59	2.144	11.305	6.670	0.59	2.269	11.020	6.502	0.59	2.418
30	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
30	18	10.070	9.164	0.91	2.032	9.785	8.904	0.91	2.144	9.453	8.602	0.91	2.294
30	20	10.830	8.556	0.79	2.094	10.593	8.368	0.79	2.194	10.308	8.143	0.79	2.343
30	22	11.543	7.734	0.67	2.144	11.305	7.574	0.67	2.269	11.020	7.383	0.67	2.418
32	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
32	18	10.070	9.969	0.99	2.032	9.785	9.687	0.99	2.144	9.453	9.358	0.99	2.294
32	20	10.830	9.422	0.87	2.094	10.593	9.216	0.87	2.194	10.308	8.968	0.87	2.343
32	22	11.543	8.657	0.75	2.144	11.305	8.479	0.75	2.269	11.020	8.265	0.75	2.418
34	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
34	18	10.070	10.070	1.00	2.032	9.785	9.785	1.00	2.144	9.453	9.453	1.00	2.294
34	20	10.830	10.289	0.95	2.094	10.593	10.063	0.95	2.194	10.308	9.793	0.95	2.343
34	22	11.543	9.581	0.83	2.144	11.305	9.383	0.83	2.269	11.020	9.147	0.83	2.418

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.357	6.458	6.135	0.95	2.556	6.291	5.976	0.95	2.753
14	8	6.727	5.920	0.88	2.362	6.505	5.724	0.88	2.561	6.328	5.569	0.88	2.758
14	9	7.007	5.606	0.80	2.381	6.767	5.414	0.80	2.585	6.569	5.255	0.80	2.785
16	8	6.945	6.598	0.95	2.377	6.737	6.400	0.95	2.581	6.565	6.237	0.95	2.784
16	9	7.059	6.071	0.86	2.385	6.819	5.864	0.86	2.588	6.628	5.700	0.86	2.791
16	11	7.384	5.760	0.78	2.405	7.133	5.564	0.78	2.615	6.922	5.399	0.78	2.823
18	10	7.233	6.799	0.94	2.395	7.021	6.600	0.94	2.606	6.843	6.432	0.94	2.814
18	11	7.413	6.301	0.85	2.406	7.161	6.087	0.85	2.617	6.950	5.908	0.85	2.826
18	12	7.779	5.912	0.76	2.426	7.516	5.712	0.76	2.644	7.292	5.542	0.76	2.859
20	16	8.455	5.327	0.63	2.393	8.075	5.087	0.63	2.568	7.695	4.848	0.63	2.780
20	18	9.120	4.651	0.51	2.456	8.835	4.506	0.51	2.643	8.265	4.215	0.51	2.842
20	20	9.880	3.853	0.39	2.518	9.500	3.705	0.39	2.692	8.930	3.483	0.39	2.892
22	16	8.455	6.003	0.71	2.393	8.075	5.733	0.71	2.568	7.695	5.463	0.71	2.780
22	18	9.120	5.381	0.59	2.456	8.835	5.213	0.59	2.643	8.265	4.876	0.59	2.842
22	20	9.880	4.644	0.47	2.518	9.500	4.465	0.47	2.692	8.930	4.197	0.47	2.892
24	16	8.455	6.679	0.79	2.393	8.075	6.379	0.79	2.568	7.695	6.079	0.79	2.780
24	18	9.120	6.110	0.67	2.456	8.835	5.919	0.67	2.643	8.265	5.538	0.67	2.842
24	20	9.880	5.434	0.55	2.518	9.500	5.225	0.55	2.692	8.930	4.912	0.55	2.892
24	22	10.640	4.575	0.43	2.568	10.260	4.412	0.43	2.767	9.690	4.167	0.43	2.942
26	16	8.455	7.356	0.87	2.393	8.075	7.025	0.87	2.568	7.695	6.695	0.87	2.780
26	18	9.120	6.840	0.75	2.456	8.835	6.626	0.75	2.643	8.265	6.199	0.75	2.842
26	20	9.880	6.224	0.63	2.518	9.500	5.985	0.63	2.692	8.930	5.626	0.63	2.892
26	22	10.640	5.426	0.51	2.568	10.260	5.233	0.51	2.767	9.690	4.942	0.51	2.942
27	16	8.455	7.694	0.91	2.393	8.075	7.348	0.91	2.568	7.695	7.002	0.91	2.780
27	18	9.120	7.205	0.79	2.456	8.835	6.980	0.79	2.643	8.265	6.529	0.79	2.842
27	20	9.880	6.620	0.67	2.518	9.500	6.365	0.67	2.692	8.930	5.983	0.67	2.892
27	22	10.640	5.852	0.55	2.568	10.260	5.643	0.55	2.767	9.690	5.330	0.55	2.942
28	16	8.455	8.032	0.95	2.393	8.075	7.671	0.95	2.568	7.695	7.310	0.95	2.780
28	18	9.120	7.570	0.83	2.456	8.835	7.333	0.83	2.643	8.265	6.860	0.83	2.842
28	20	9.880	7.015	0.71	2.518	9.500	6.745	0.71	2.692	8.930	6.340	0.71	2.892
28	22	10.640	6.278	0.59	2.568	10.260	6.053	0.59	2.767	9.690	5.717	0.59	2.942
30	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
30	18	9.120	8.299	0.91	2.456	8.835	8.040	0.91	2.643	8.265	7.521	0.91	2.842
30	20	9.880	7.805	0.79	2.518	9.500	7.505	0.79	2.692	8.930	7.055	0.79	2.892
30	22	10.640	7.129	0.67	2.568	10.260	6.874	0.67	2.767	9.690	6.492	0.67	2.942
32	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
32	18	9.120	9.029	0.99	2.456	8.835	8.747	0.99	2.643	8.265	8.182	0.99	2.842
32	20	9.880	8.596	0.87	2.518	9.500	8.265	0.87	2.692	8.930	7.769	0.87	2.892
32	22	10.640	7.980	0.75	2.568	10.260	7.695	0.75	2.767	9.690	7.268	0.75	2.942
34	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
34	18	9.120	9.120	1.00	2.456	8.835	8.835	1.00	2.643	8.265	8.265	1.00	2.842
34	20	9.880	9.386	0.95	2.518	9.500	9.025	0.95	2.692	8.930	8.484	0.95	2.892
34	22	10.64											

PSA-M125KA / PUZ-ZM125VKA2 PUZ-ZM125YKA2

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.886	0.94	2.900	9.232	8.678	0.94	3.167	9.010	8.469	0.94	3.435
14	8	9.654	8.399	0.87	2.898	9.396	8.175	0.87	3.171	9.138	7.950	0.87	3.443
14	9	10.053	7.942	0.79	2.894	9.784	7.729	0.79	3.178	9.515	7.517	0.79	3.462
16	8	9.848	9.257	0.94	2.895	9.620	9.043	0.94	3.176	9.392	8.828	0.94	3.456
16	9	10.126	8.607	0.85	2.892	9.856	8.378	0.85	3.179	9.586	8.148	0.85	3.466
16	11	10.592	8.156	0.77	2.885	10.308	7.937	0.77	3.187	10.025	7.719	0.77	3.488
18	10	10.256	9.538	0.93	2.890	10.017	9.316	0.93	3.183	9.777	9.093	0.93	3.476
18	11	10.632	8.931	0.84	2.886	10.347	8.691	0.84	3.188	10.062	8.452	0.84	3.489
18	12	11.164	8.373	0.75	2.877	10.861	8.146	0.75	3.193	10.558	7.919	0.75	3.508
20	16	12.375	7.673	0.62	3.164	12.000	7.440	0.62	3.342	11.625	7.208	0.62	3.540
20	18	13.250	6.625	0.50	3.223	12.875	6.438	0.50	3.401	12.438	6.219	0.50	3.639
20	20	14.250	5.415	0.38	3.322	13.938	5.296	0.38	3.480	13.563	5.154	0.38	3.718
22	16	12.375	8.663	0.70	3.164	12.000	8.400	0.70	3.342	11.625	8.138	0.70	3.540
22	18	13.250	7.685	0.58	3.223	12.875	7.468	0.58	3.401	12.438	7.214	0.58	3.639
22	20	14.250	6.555	0.46	3.322	13.938	6.411	0.46	3.480	13.563	6.239	0.46	3.718
24	16	12.375	9.653	0.78	3.164	12.000	9.360	0.78	3.342	11.625	9.068	0.78	3.540
24	18	13.250	8.745	0.66	3.223	12.875	8.498	0.66	3.401	12.438	8.209	0.66	3.639
24	20	14.250	7.695	0.54	3.322	13.938	7.527	0.54	3.480	13.563	7.324	0.54	3.718
24	22	15.188	6.379	0.42	3.401	14.875	6.248	0.42	3.599	14.500	6.090	0.42	3.836
26	16	12.375	10.643	0.86	3.164	12.000	10.320	0.86	3.342	11.625	9.998	0.86	3.540
26	18	13.250	9.805	0.74	3.223	12.875	9.528	0.74	3.401	12.438	9.204	0.74	3.639
26	20	14.250	8.835	0.62	3.322	13.938	8.642	0.62	3.480	13.563	8.409	0.62	3.718
26	22	15.188	7.594	0.50	3.401	14.875	7.438	0.50	3.599	14.500	7.250	0.50	3.836
27	16	12.375	11.138	0.90	3.164	12.000	10.800	0.90	3.342	11.625	10.463	0.90	3.540
27	18	13.250	10.335	0.78	3.223	12.875	10.043	0.78	3.401	12.438	9.702	0.78	3.639
27	20	14.250	9.405	0.66	3.322	13.938	9.199	0.66	3.480	13.563	8.952	0.66	3.718
27	22	15.188	8.202	0.54	3.401	14.875	8.033	0.54	3.599	14.500	7.830	0.54	3.836
28	16	12.375	11.633	0.94	3.164	12.000	11.280	0.94	3.342	11.625	10.928	0.94	3.540
28	18	13.250	10.865	0.82	3.223	12.875	10.558	0.82	3.401	12.438	10.199	0.82	3.639
28	20	14.250	9.975	0.70	3.322	13.938	9.757	0.70	3.480	13.563	9.494	0.70	3.718
28	22	15.188	8.809	0.58	3.401	14.875	8.628	0.58	3.599	14.500	8.410	0.58	3.836
30	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
30	18	13.250	11.925	0.90	3.223	12.875	11.588	0.90	3.401	12.438	11.194	0.90	3.639
30	20	14.250	11.115	0.78	3.322	13.938	10.872	0.78	3.480	13.563	10.579	0.78	3.718
30	22	15.188	10.024	0.66	3.401	14.875	9.818	0.66	3.599	14.500	9.570	0.66	3.836
32	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
32	18	13.250	12.985	0.98	3.223	12.875	12.618	0.98	3.401	12.438	12.189	0.98	3.639
32	20	14.250	12.255	0.86	3.322	13.938	11.987	0.86	3.480	13.563	11.664	0.86	3.718
32	22	15.188	11.239	0.74	3.401	14.875	11.008	0.74	3.599	14.500	10.730	0.74	3.836
34	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
34	18	13.250	13.250	1.00	3.223	12.875	12.875	1.00	3.401	12.438	12.438	1.00	3.639
34	20	14.250	13.395	0.94	3.322	13.938	13.102	0.94	3.480	13.563	12.749	0.94	3.718
34	22	15.188	12.454	0.82	3.401	14.875	12.198	0.82	3.599	14.500	11.890	0.82	3.836

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.740	8.497	7.987	0.94	4.055	8.278	7.781	0.94	4.368
14	8	8.851	7.700	0.87	3.747	8.559	7.446	0.87	4.063	8.326	7.244	0.87	4.375
14	9	9.220	7.284	0.79	3.777	8.904	7.034	0.79	4.100	8.643	6.828	0.79	4.419
16	8	9.138	8.590	0.94	3.771	8.865	8.333	0.94	4.095	8.638	8.120	0.94	4.417
16	9	9.288	7.895	0.85	3.783	8.973	7.627	0.85	4.106	8.721	7.413	0.85	4.428
16	11	9.716	7.481	0.77	3.815	9.385	7.226	0.77	4.149	9.108	7.013	0.77	4.478
18	10	9.517	8.851	0.93	3.800	9.239	8.592	0.93	4.134	9.003	8.373	0.93	4.465
18	11	9.754	8.193	0.84	3.817	9.422	7.914	0.84	4.151	9.145	7.682	0.84	4.483
18	12	10.236	7.677	0.75	3.849	9.890	7.418	0.75	4.195	9.595	7.196	0.75	4.536
20	16	11.125	6.898	0.62	3.797	10.625	6.588	0.62	4.074	10.125	6.278	0.62	4.410
20	18	12.000	6.000	0.50	3.896	11.625	5.813	0.50	4.192	10.875	5.438	0.50	4.509
20	20	13.000	4.940	0.38	3.995	12.500	4.750	0.38	4.271	11.750	4.465	0.38	4.588
22	16	11.125	7.788	0.70	3.797	10.625	7.438	0.70	4.074	10.125	7.088	0.70	4.410
22	18	12.000	6.960	0.58	3.896	11.625	6.743	0.58	4.192	10.875	6.308	0.58	4.509
22	20	13.000	5.980	0.46	3.995	12.500	5.750	0.46	4.271	11.750	5.405	0.46	4.588
24	16	11.125	8.678	0.78	3.797	10.625	8.288	0.78	4.074	10.125	7.898	0.78	4.410
24	18	12.000	7.920	0.66	3.896	11.625	7.673	0.66	4.192	10.875	7.178	0.66	4.509
24	20	13.000	7.020	0.54	3.995	12.500	6.750	0.54	4.271	11.750	6.345	0.54	4.588
24	22	14.000	5.880	0.42	4.074	13.500	5.670	0.42	4.390	12.750	5.355	0.42	4.667
26	16	11.125	9.568	0.86	3.797	10.625	9.138	0.86	4.074	10.125	8.708	0.86	4.410
26	18	12.000	8.880	0.74	3.896	11.625	8.603	0.74	4.192	10.875	8.048	0.74	4.509
26	20	13.000	8.060	0.62	3.995	12.500	7.750	0.62	4.271	11.750	7.285	0.62	4.588
26	22	14.000	7.000	0.50	4.074	13.500	6.750	0.50	4.390	12.750	6.375	0.50	4.667
27	16	11.125	10.013	0.90	3.797	10.625	9.563	0.90	4.074	10.125	9.113	0.90	4.410
27	18	12.000	9.360	0.78	3.896	11.625	9.068	0.78	4.192	10.875	8.483	0.78	4.509
27	20	13.000	8.580	0.66	3.995	12.500	8.250	0.66	4.271	11.750	7.755	0.66	4.588
27	22	14.000	7.560	0.54	4.074	13.500	7.290	0.54	4.390	12.750	6.885	0.54	4.667
28	16	11.125	10.458	0.94	3.797	10.625	9.988	0.94	4.074	10.125	9.518	0.94	4.410
28	18	12.000	9.840	0.82	3.896	11.625	9.533	0.82	4.192	10.875	8.918	0.82	4.509
28	20	13.000	9.100	0.70	3.995	12.500	8.750	0.70	4.271	11.750	8.225	0.70	4.588
28	22	14.000	8.120	0.58	4.074	13.500	7.830	0.58	4.390	12.750	7.395	0.58	4.667
30	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
30	18	12.000	10.800	0.90	3.896	11.625	10.463	0.90	4.192	10.875	9.788	0.90	4.509
30	20	13.000	10.140	0.78	3.995	12.500	9.750	0.78	4.271	11.750	9.165	0.78	4.588
30	22	14.000	9.240	0.66	4.074	13.500	8.910	0.66	4.390	12.750	8.415	0.66	4.667
32	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
32	18	12.000	11.760	0.98	3.896	11.625	11.393	0.98	4.192	10.875	10.658	0.98	4.509
32	20	13.000	11.180	0.86	3.995	12.500	10.750	0.86	4.271	11.750	10.105	0.86	4.588
32	22	14.000	10.360	0.74	4.074	13.500	9.990	0.74	4.390	12.750	9.435	0.74	4.667
34	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
34	18	12.000	12.000	1.00	3.896	11.625	11.625	1.00					

PSA-M140KA / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.424	0.93	2.915	9.896	9.203	0.93	3.184	9.659	8.983	0.93	3.453
14	8	10.349	8.900	0.86	2.914	10.072	8.662	0.86	3.188	9.796	8.425	0.86	3.461
14	9	10.777	8.406	0.78	2.909	10.489	8.181	0.78	3.195	10.201	7.957	0.78	3.481
16	8	10.557	9.818	0.93	2.910	10.313	9.591	0.93	3.192	10.068	9.363	0.93	3.475
16	9	10.855	9.118	0.84	2.908	10.566	8.875	0.84	3.196	10.276	8.632	0.84	3.484
16	11	11.355	8.630	0.76	2.900	11.051	8.399	0.76	3.203	10.746	8.167	0.76	3.506
18	10	10.994	10.114	0.92	2.905	10.738	9.879	0.92	3.200	10.481	9.643	0.92	3.494
18	11	11.398	9.460	0.83	2.902	11.092	9.206	0.83	3.205	10.787	8.953	0.83	3.508
18	12	11.968	8.856	0.74	2.892	11.643	8.616	0.74	3.210	11.319	8.376	0.74	3.527
20	16	13.266	8.092	0.61	3.181	12.864	7.847	0.61	3.360	12.462	7.602	0.61	3.559
20	18	14.204	6.960	0.49	3.240	13.802	6.763	0.49	3.419	13.333	6.533	0.49	3.658
20	20	15.276	5.652	0.37	3.340	14.941	5.528	0.37	3.499	14.539	5.379	0.37	3.737
22	16	13.266	9.154	0.69	3.181	12.864	8.876	0.69	3.360	12.462	8.599	0.69	3.559
22	18	14.204	8.096	0.57	3.240	13.802	7.867	0.57	3.419	13.333	7.600	0.57	3.658
22	20	15.276	6.874	0.45	3.340	14.941	6.723	0.45	3.499	14.539	6.543	0.45	3.737
24	16	13.266	10.215	0.77	3.181	12.864	9.905	0.77	3.360	12.462	9.596	0.77	3.559
24	18	14.204	9.233	0.65	3.240	13.802	8.971	0.65	3.419	13.333	8.666	0.65	3.658
24	20	15.276	8.096	0.53	3.340	14.941	7.919	0.53	3.499	14.539	7.706	0.53	3.737
24	22	16.281	6.675	0.41	3.419	15.946	6.538	0.41	3.618	15.544	6.373	0.41	3.857
26	16	13.266	11.276	0.85	3.181	12.864	10.934	0.85	3.360	12.462	10.593	0.85	3.559
26	18	14.204	10.369	0.73	3.240	13.802	10.075	0.73	3.419	13.333	9.733	0.73	3.658
26	20	15.276	9.318	0.61	3.340	14.941	9.114	0.61	3.499	14.539	8.869	0.61	3.737
26	22	16.281	7.978	0.49	3.419	15.946	7.814	0.49	3.618	15.544	7.617	0.49	3.857
27	16	13.266	11.807	0.89	3.181	12.864	11.449	0.89	3.360	12.462	11.091	0.89	3.559
27	18	14.204	10.937	0.77	3.240	13.802	10.628	0.77	3.419	13.333	10.266	0.77	3.658
27	20	15.276	9.929	0.65	3.340	14.941	9.712	0.65	3.499	14.539	9.450	0.65	3.737
27	22	16.281	8.629	0.53	3.419	15.946	8.451	0.53	3.618	15.544	8.238	0.53	3.857
28	16	13.266	12.337	0.93	3.181	12.864	11.964	0.93	3.360	12.462	11.590	0.93	3.559
28	18	14.204	11.505	0.81	3.240	13.802	11.180	0.81	3.419	13.333	10.800	0.81	3.658
28	20	15.276	10.540	0.69	3.340	14.941	10.309	0.69	3.499	14.539	10.032	0.69	3.737
28	22	16.281	9.280	0.57	3.419	15.946	9.089	0.57	3.618	15.544	8.860	0.57	3.857
30	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
30	18	14.204	12.642	0.89	3.240	13.802	12.284	0.89	3.419	13.333	11.866	0.89	3.658
30	20	15.276	11.763	0.77	3.340	14.941	11.505	0.77	3.499	14.539	11.195	0.77	3.737
30	22	16.281	10.583	0.65	3.419	15.946	10.365	0.65	3.618	15.544	10.104	0.65	3.857
32	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
32	18	14.204	13.778	0.97	3.240	13.802	13.388	0.97	3.419	13.333	12.933	0.97	3.658
32	20	15.276	12.985	0.85	3.340	14.941	12.700	0.85	3.499	14.539	12.358	0.85	3.737
32	22	16.281	11.885	0.73	3.419	15.946	11.641	0.73	3.618	15.544	11.347	0.73	3.857
34	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
34	18	14.204	14.204	1.00	3.240	13.802	13.802	1.00	3.419	13.333	13.333	1.00	3.658
34	20	15.276	14.207	0.93	3.340	14.941	13.895	0.93	3.499	14.539	13.521	0.93	3.737
34	22	16.281	13.188	0.81	3.419	15.946	12.916	0.81	3.618	15.544	12.591	0.81	3.857

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.736	0.93	3.759	9.109	8.471	0.93	4.077	8.874	8.253	0.93	4.391
14	8	9.488	8.160	0.86	3.767	9.175	7.891	0.86	4.084	8.926	7.676	0.86	4.398
14	9	9.883	7.709	0.78	3.797	9.545	7.445	0.78	4.122	9.265	7.227	0.78	4.442
16	8	9.796	9.110	0.93	3.791	9.503	8.838	0.93	4.117	9.260	8.612	0.93	4.441
16	9	9.957	8.364	0.84	3.803	9.619	8.080	0.84	4.128	9.348	7.852	0.84	4.452
16	11	10.415	7.915	0.76	3.835	10.061	7.646	0.76	4.171	9.764	7.421	0.76	4.502
18	10	10.203	9.387	0.92	3.820	9.904	9.112	0.92	4.156	9.652	8.880	0.92	4.488
18	11	10.456	8.678	0.83	3.837	10.100	8.383	0.83	4.173	9.803	8.136	0.83	4.506
18	12	10.973	8.120	0.74	3.869	10.602	7.845	0.74	4.217	10.286	7.612	0.74	4.560
20	16	11.926	7.275	0.61	3.817	11.390	6.948	0.61	4.095	10.854	6.621	0.61	4.433
20	18	12.864	6.303	0.49	3.916	12.462	6.106	0.49	4.215	11.658	5.712	0.49	4.533
20	20	13.936	5.156	0.37	4.016	13.400	4.958	0.37	4.294	12.596	4.661	0.37	4.612
22	16	11.926	8.229	0.69	3.817	11.390	7.859	0.69	4.095	10.854	7.489	0.69	4.433
22	18	12.864	7.332	0.57	3.916	12.462	7.103	0.57	4.215	11.658	6.645	0.57	4.533
22	20	13.936	6.271	0.45	4.016	13.400	6.030	0.45	4.294	12.596	5.668	0.45	4.612
24	16	11.926	9.183	0.77	3.817	11.390	8.770	0.77	4.095	10.854	8.358	0.77	4.433
24	18	12.864	8.362	0.65	3.916	12.462	8.100	0.65	4.215	11.658	7.578	0.65	4.533
24	20	13.936	7.386	0.53	4.016	13.400	7.102	0.53	4.294	12.596	6.676	0.53	4.612
24	22	15.008	6.153	0.41	4.095	14.472	5.934	0.41	4.413	13.668	5.604	0.41	4.692
26	16	11.926	10.137	0.85	3.817	11.390	9.682	0.85	4.095	10.854	9.226	0.85	4.433
26	18	12.864	9.391	0.73	3.916	12.462	9.097	0.73	4.215	11.658	8.510	0.73	4.533
26	20	13.936	8.501	0.61	4.016	13.400	8.174	0.61	4.294	12.596	7.684	0.61	4.612
26	22	15.008	7.354	0.49	4.095	14.472	7.091	0.49	4.413	13.668	6.697	0.49	4.692
27	16	11.926	10.614	0.89	3.817	11.390	10.137	0.89	4.095	10.854	9.660	0.89	4.433
27	18	12.864	9.905	0.77	3.916	12.462	9.596	0.77	4.215	11.658	8.977	0.77	4.533
27	20	13.936	9.058	0.65	4.016	13.400	8.710	0.65	4.294	12.596	8.187	0.65	4.612
27	22	15.008	7.954	0.53	4.095	14.472	7.670	0.53	4.413	13.668	7.244	0.53	4.692
28	16	11.926	11.091	0.93	3.817	11.390	10.593	0.93	4.095	10.854	10.094	0.93	4.433
28	18	12.864	10.420	0.81	3.916	12.462	10.094	0.81	4.215	11.658	9.443	0.81	4.533
28	20	13.936	9.616	0.69	4.016	13.400	9.246	0.69	4.294	12.596	8.691	0.69	4.612
28	22	15.008	8.555	0.57	4.095	14.472	8.249	0.57	4.413	13.668	7.791	0.57	4.692
30	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
30	18	12.864	11.449	0.89	3.916	12.462	11.091	0.89	4.215	11.658	10.376	0.89	4.533
30	20	13.936	10.731	0.77	4.016	13.400	10.318	0.77	4.294	12.596	9.699	0.77	4.612
30	22	15.008	9.755	0.65	4.095	14.472	9.407	0.65	4.413	13.668	8.884	0.65	4.692
32	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
32	18	12.864	12.478	0.97	3.916	12.462	12.088	0.97	4.215	11.658	11.308	0.97	4.533
32	20	13.936	11.846	0.85	4.016	13.400	11.390	0.85	4.294	12.596	10.707	0.85	4.612
32	22	15.008	10.956	0.73	4.095	14.472	10.565	0.73	4.413	13.668	9.978	0.73	4.692
34	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
34	18	12.864	12.864	1.00	3.91								

PSA-M71KA / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		21				25				27			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.756	0.57	1.578	7.988	4.553	0.57	1.656	7.668	4.371	0.57	1.735
21	20	8.698	3.914	0.45	1.656	8.343	3.754	0.45	1.755	8.094	3.642	0.45	1.795
22	18	8.343	5.089	0.61	1.578	7.988	4.873	0.61	1.656	7.668	4.677	0.61	1.735
22	20	8.698	4.262	0.49	1.656	8.343	4.088	0.49	1.755	8.094	3.966	0.49	1.795
22	22	9.053	3.350	0.37	1.716	8.733	3.231	0.37	1.824	8.520	3.152	0.37	1.873
23	18	8.343	5.423	0.65	1.578	7.988	5.192	0.65	1.656	7.668	4.984	0.65	1.735
23	20	8.698	4.610	0.53	1.656	8.343	4.422	0.53	1.755	8.094	4.290	0.53	1.795
23	22	9.053	3.712	0.41	1.716	8.733	3.581	0.41	1.824	8.520	3.493	0.41	1.873
24	18	8.343	5.757	0.69	1.578	7.988	5.512	0.69	1.656	7.668	5.291	0.69	1.735
24	20	8.698	4.958	0.57	1.656	8.343	4.756	0.57	1.755	8.094	4.614	0.57	1.795
24	22	9.053	4.074	0.45	1.716	8.733	3.930	0.45	1.824	8.520	3.834	0.45	1.873
24	24	9.514	3.140	0.33	1.795	9.159	3.022	0.33	1.893	8.946	2.952	0.33	1.952
25	20	8.698	5.306	0.61	1.656	8.343	5.089	0.61	1.755	8.094	4.937	0.61	1.795
25	22	9.053	4.436	0.49	1.716	8.733	4.279	0.49	1.824	8.520	4.175	0.49	1.873
25	24	9.514	3.520	0.37	1.795	9.159	3.389	0.37	1.893	8.946	3.310	0.37	1.952
26	18	8.343	6.424	0.77	1.578	7.988	6.151	0.77	1.656	7.668	5.904	0.77	1.735
26	20	8.698	5.654	0.65	1.656	8.343	5.423	0.65	1.755	8.094	5.261	0.65	1.795
26	22	9.053	4.798	0.53	1.716	8.733	4.628	0.53	1.824	8.520	4.516	0.53	1.873
26	24	9.514	3.901	0.41	1.795	9.159	3.755	0.41	1.893	8.946	3.668	0.41	1.952
26	26	9.798	2.841	0.29	1.893	9.514	2.759	0.29	1.992	9.372	2.718	0.29	2.051
27	18	8.343	6.758	0.81	1.578	7.988	6.470	0.81	1.656	7.668	6.211	0.81	1.735
27	20	8.698	6.002	0.69	1.656	8.343	5.757	0.69	1.755	8.094	5.585	0.69	1.795
27	22	9.053	5.160	0.57	1.716	8.733	4.978	0.57	1.824	8.520	4.856	0.57	1.873
27	24	9.514	4.281	0.45	1.795	9.159	4.122	0.45	1.893	8.946	4.026	0.45	1.952
27	26	9.798	3.233	0.33	1.893	9.514	3.140	0.33	1.992	9.372	3.093	0.33	2.051
28	18	8.343	7.092	0.85	1.578	7.988	6.790	0.85	1.656	7.668	6.518	0.85	1.735
28	20	8.698	6.350	0.73	1.656	8.343	6.090	0.73	1.755	8.094	5.909	0.73	1.795
28	22	9.053	5.522	0.61	1.716	8.733	5.327	0.61	1.824	8.520	5.197	0.61	1.873
28	24	9.514	4.662	0.49	1.795	9.159	4.488	0.49	1.893	8.946	4.384	0.49	1.952
28	26	9.798	3.625	0.37	1.893	9.514	3.520	0.37	1.992	9.372	3.468	0.37	2.051
29	18	8.343	7.425	0.89	1.578	7.988	7.109	0.89	1.656	7.668	6.825	0.89	1.735
29	20	8.698	6.697	0.77	1.656	8.343	6.424	0.77	1.755	8.094	6.232	0.77	1.795
29	22	9.053	5.884	0.65	1.716	8.733	5.676	0.65	1.824	8.520	5.538	0.65	1.873
29	24	9.514	5.042	0.53	1.795	9.159	4.854	0.53	1.893	8.946	4.741	0.53	1.952
29	26	9.798	4.017	0.41	1.893	9.514	3.901	0.41	1.992	9.372	3.843	0.41	2.051
30	18	8.343	7.759	0.93	1.578	7.988	7.429	0.93	1.656	7.668	7.131	0.93	1.735
30	20	8.698	7.045	0.81	1.656	8.343	6.758	0.81	1.755	8.094	6.556	0.81	1.795
30	22	9.053	6.247	0.69	1.716	8.733	6.026	0.69	1.824	8.520	5.879	0.69	1.873
30	24	9.514	5.423	0.57	1.795	9.159	5.221	0.57	1.893	8.946	5.099	0.57	1.952
30	26	9.798	4.409	0.45	1.893	9.514	4.281	0.45	1.992	9.372	4.217	0.45	2.051
31	18	8.343	8.093	0.97	1.578	7.988	7.748	0.97	1.656	7.668	7.438	0.97	1.735
31	20	8.698	7.393	0.85	1.656	8.343	7.092	0.85	1.755	8.094	6.880	0.85	1.795
31	22	9.053	6.609	0.73	1.716	8.733	6.375	0.73	1.824	8.520	6.220	0.73	1.873
31	24	9.514	5.804	0.61	1.795	9.159	5.587	0.61	1.893	8.946	5.457	0.61	1.952
31	26	9.798	4.801	0.49	1.893	9.514	4.662	0.49	1.992	9.372	4.592	0.49	2.051
32	18	8.343	8.343	1.00	1.578	7.988	7.988	1.00	1.656	7.668	7.668	1.00	1.735
32	20	8.698	7.741	0.89	1.656	8.343	7.425	0.89	1.755	8.094	7.204	0.89	1.795
32	22	9.053	6.971	0.77	1.716	8.733	6.724	0.77	1.824	8.520	6.560	0.77	1.873
32	24	9.514	6.184	0.65	1.795	9.159	5.953	0.65	1.893	8.946	5.815	0.65	1.952
32	26	9.798	5.193	0.53	1.893	9.514	5.042	0.53	1.992	9.372	4.967	0.53	2.051

FLOOR-STANDING PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

PSA-M71KA / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		30				35				40				46			
		CA (kW)	SHC(kW)	SHF	P.C. (kW)	CA (kW)	SHC(kW)	SHF	P.C. (kW)	CA (kW)	SHC(kW)	SHF	P.C. (kW)	CA (kW)	SHC(kW)	SHF	P.C. (kW)
21	18	7.384	4.209	0.57	1.814	6.958	3.966	0.57	1.933	6.390	3.642	0.57	2.051	5.893	3.359	0.57	2.130
21	20	7.810	3.515	0.45	1.873	7.313	3.291	0.45	2.011	6.816	3.067	0.45	2.110	6.319	2.844	0.45	2.228
22	18	7.384	4.504	0.61	1.814	6.958	4.244	0.61	1.933	6.390	3.898	0.61	2.051	5.893	3.595	0.61	2.130
22	20	7.810	3.827	0.49	1.873	7.313	3.583	0.49	2.011	6.816	3.340	0.49	2.110	6.319	3.096	0.49	2.228
22	22	8.165	3.021	0.37	1.952	7.739	2.863	0.37	2.090	7.242	2.680	0.37	2.209	6.745	2.496	0.37	2.288
23	18	7.384	4.800	0.65	1.814	6.958	4.523	0.65	1.933	6.390	4.154	0.65	2.051	5.893	3.830	0.65	2.130
23	20	7.810	4.139	0.53	1.873	7.313	3.876	0.53	2.011	6.816	3.612	0.53	2.110	6.319	3.349	0.53	2.228
23	22	8.165	3.348	0.41	1.952	7.739	3.173	0.41	2.090	7.242	2.969	0.41	2.209	6.745	2.765	0.41	2.288
24	18	7.384	5.095	0.69	1.814	6.958	4.801	0.69	1.933	6.390	4.409	0.69	2.051	5.893	4.066	0.69	2.130
24	20	7.810	4.452	0.57	1.873	7.313	4.168	0.57	2.011	6.816	3.885	0.57	2.110	6.319	3.602	0.57	2.228
24	22	8.165	3.674	0.45	1.952	7.739	3.483	0.45	2.090	7.242	3.259	0.45	2.209	6.745	3.035	0.45	2.288
24	24	8.662	2.858	0.33	2.051	8.165	2.694	0.33	2.169	7.668	2.530	0.33	2.268	7.242	2.390	0.33	2.366
25	20	7.810	4.764	0.61	1.873	7.313	4.461	0.61	2.011	6.816	4.158	0.61	2.110	6.319	3.855	0.61	2.228
25	22	8.165	4.001	0.49	1.952	7.739	3.792	0.49	2.090	7.242	3.549	0.49	2.209	6.745	3.305	0.49	2.288
25	24	8.662	3.205	0.37	2.051	8.165	3.021	0.37	2.169	7.668	2.837	0.37	2.268	7.242	2.680	0.37	2.366
26	18	7.384	5.686	0.77	1.814	6.958	5.358	0.77	1.933	6.390	4.920	0.77	2.051	5.893	4.538	0.77	2.130
26	20	7.810	5.077	0.65	1.873	7.313	4.753	0.65	2.011	6.816	4.430	0.65	2.110	6.319	4.107	0.65	2.228
26	22	8.165	4.327	0.53	1.952	7.739	4.102	0.53	2.090	7.242	3.838	0.53	2.209	6.745	3.575	0.53	2.288
26	24	8.662	3.551	0.41	2.051	8.165	3.348	0.41	2.169	7.668	3.144	0.41	2.268	7.242	2.969	0.41	2.366
26	26	9.088	2.636	0.29	2.110	8.591	2.491	0.29	2.248	8.094	2.347	0.29	2.347	7.597	2.203	0.29	2.445
27	18	7.384	5.981	0.81	1.814	6.958	5.636	0.81	1.933	6.390	5.176	0.81	2.051	5.893	4.773	0.81	2.130
27	20	7.810	5.389	0.69	1.873	7.313	5.046	0.69	2.011	6.816	4.703	0.69	2.110	6.319	4.360	0.69	2.228
27	22	8.165	4.654	0.57	1.952	7.739	4.411	0.57	2.090	7.242	4.128	0.57	2.209	6.745	3.845	0.57	2.288
27	24	8.662	3.898	0.45	2.051	8.165	3.674	0.45	2.169	7.668	3.451	0.45	2.268	7.242	3.259	0.45	2.366
27	26	9.088	2.999	0.33	2.110	8.591	2.835	0.33	2.248	8.094	2.671	0.33	2.347	7.597	2.507	0.33	2.445
28	18	7.384	6.276	0.85	1.814	6.958	5.914	0.85	1.933	6.390	5.432	0.85	2.051	5.893	5.009	0.85	2.130
28	20	7.810	5.701	0.73	1.873	7.313	5.338	0.73	2.011	6.816	4.976	0.73	2.110	6.319	4.613	0.73	2.228
28	22	8.165	4.981	0.61	1.952	7.739	4.721	0.61	2.090	7.242	4.418	0.61	2.209	6.745	4.114	0.61	2.288
28	24	8.662	4.244	0.49	2.051	8.165	4.001	0.49	2.169	7.668	3.757	0.49	2.268	7.242	3.549	0.49	2.366
28	26	9.088	3.363	0.37	2.110	8.591	3.179	0.37	2.248	8.094	2.995	0.37	2.347	7.597	2.811	0.37	2.445
29	18	7.384	6.572	0.89	1.814	6.958	6.193	0.89	1.933	6.390	5.687	0.89	2.051	5.893	5.245	0.89	2.130
29	20	7.810	6.014	0.77	1.873	7.313	5.631	0.77	2.011	6.816	5.248	0.77	2.110	6.319	4.866	0.77	2.228
29	22	8.165	5.307	0.65	1.952	7.739	5.030	0.65	2.090	7.242	4.707	0.65	2.209	6.745	4.384	0.65	2.288
29	24	8.662	4.591	0.53	2.051	8.165	4.327	0.53	2.169	7.668	4.064	0.53	2.268	7.242	3.838	0.53	2.366
29	26	9.088	3.726	0.41	2.110	8.591	3.522	0.41	2.248	8.094	3.319	0.41	2.347	7.597	3.115	0.41	2.445
30	18	7.384	6.867	0.93	1.814	6.958	6.471	0.93	1.933	6.390	5.943	0.93	2.051	5.893	5.480	0.93	2.130
30	20	7.810	6.326	0.81	1.873	7.313	5.924	0.81	2.011	6.816	5.521	0.81	2.110	6.319	5.118	0.81	2.228
30	22	8.165	5.634	0.69	1.952	7.739	5.340	0.69	2.090	7.242	4.997	0.69	2.209	6.745	4.654	0.69	2.288
30	24	8.662	4.937	0.57	2.051	8.165	4.654	0.57	2.169	7.668	4.371	0.57	2.268	7.242	4.128	0.57	2.366
30	26	9.088	4.090	0.45	2.110	8.591	3.866	0.45	2.248	8.094	3.642	0.45	2.347	7.597	3.419	0.45	2.445
31	18	7.384	7.162	0.97	1.814	6.958	6.749	0.97	1.933	6.390	6.198	0.97	2.051	5.893	5.716	0.97	2.130
31	20	7.810	6.639	0.85	1.873	7.313	6.216	0.85	2.011	6.816	5.794	0.85	2.110	6.319	5.371	0.85	2.228
31	22	8.165	5.960	0.73	1.952	7.739	5.649	0.73	2.090	7.242	5.287	0.73	2.209	6.745	4.924	0.73	2.288
31	24	8.662	5.284	0.61	2.051	8.165	4.981	0.61	2.169	7.668	4.677	0.61	2.268	7.242	4.418	0.61	2.366
31	26	9.088	4.453	0.49	2.110	8.591	4.210	0.49	2.248	8.094	3.966	0.49	2.347	7.597	3.723	0.49	2.445
32	18	7.384	7.384	1.00	1.814	6.958	6.958	1.00	1.933	6.390	6.390	1.00	2.051	5.893	5.893	1.00	2.130
32	20	7.810	6.951	0.89	1.873	7.313	6.509	0.89	2.011	6.816	6.066	0.89	2.110	6.319	5.624	0.89	2.228
32	22	8.165	6.287	0.77	1.952	7.739	5.959	0.77	2.090	7.242	5.576	0.77	2.209	6.745	5.194	0.77	2.288
32	24	8.662	5.630	0.65	2.051	8.165	5.307	0.65	2.169	7.668	4.984	0.65	2.268	7.242	4.707	0.65	2.366
32	26	9.088	4.817	0.53	2.110	8.591	4.553	0.53	2.248	8.094	4.290	0.53	2.347	7.597	4.026	0.53	2.445

FLOOR-STANDING PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

PSA-M100KA / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.108	6.753	0.95	1.969	6.942	6.595	0.95	2.151	6.776	6.437	0.95	2.333
14	8	7.260	6.389	0.88	1.968	7.066	6.218	0.88	2.153	6.872	6.047	0.88	2.338
14	9	7.560	6.048	0.80	1.965	7.358	5.886	0.80	2.158	7.156	5.725	0.80	2.351
16	8	7.406	7.036	0.95	1.966	7.234	6.872	0.95	2.157	7.063	6.710	0.95	2.347
16	9	7.615	6.549	0.86	1.964	7.412	6.374	0.86	2.159	7.209	6.200	0.86	2.354
16	11	7.965	6.213	0.78	1.959	7.752	6.047	0.78	2.164	7.538	5.880	0.78	2.369
18	10	7.712	7.249	0.94	1.963	7.532	7.080	0.94	2.162	7.353	6.912	0.94	2.361
18	11	7.995	6.796	0.85	1.960	7.781	6.614	0.85	2.165	7.567	6.432	0.85	2.370
18	12	8.395	6.380	0.76	1.954	8.168	6.208	0.76	2.168	7.940	6.034	0.76	2.383
20	16	9.306	5.863	0.63	2.149	9.024	5.685	0.63	2.270	8.742	5.507	0.63	2.404
20	18	9.964	5.082	0.51	2.189	9.682	4.938	0.51	2.310	9.353	4.770	0.51	2.471
20	20	10.716	4.179	0.39	2.256	10.481	4.088	0.39	2.364	10.199	3.978	0.39	2.525
22	16	9.306	6.607	0.71	2.149	9.024	6.407	0.71	2.270	8.742	6.207	0.71	2.404
22	18	9.964	5.879	0.59	2.189	9.682	5.712	0.59	2.310	9.353	5.518	0.59	2.471
22	20	10.716	5.037	0.47	2.256	10.481	4.926	0.47	2.364	10.199	4.794	0.47	2.525
24	16	9.306	7.352	0.79	2.149	9.024	7.129	0.79	2.270	8.742	6.906	0.79	2.404
24	18	9.964	6.676	0.67	2.189	9.682	6.487	0.67	2.310	9.353	6.267	0.67	2.471
24	20	10.716	5.894	0.55	2.256	10.481	5.765	0.55	2.364	10.199	5.609	0.55	2.525
24	22	11.421	4.911	0.43	2.310	11.186	4.810	0.43	2.444	10.904	4.689	0.43	2.605
26	16	9.306	8.096	0.87	2.149	9.024	7.851	0.87	2.270	8.742	7.606	0.87	2.404
26	18	9.964	7.473	0.75	2.189	9.682	7.262	0.75	2.310	9.353	7.015	0.75	2.471
26	20	10.716	6.751	0.63	2.256	10.481	6.603	0.63	2.364	10.199	6.425	0.63	2.525
26	22	11.421	5.825	0.51	2.310	11.186	5.705	0.51	2.444	10.904	5.561	0.51	2.605
27	16	9.306	8.468	0.91	2.149	9.024	8.212	0.91	2.270	8.742	7.955	0.91	2.404
27	18	9.964	7.872	0.79	2.189	9.682	7.649	0.79	2.310	9.353	7.389	0.79	2.471
27	20	10.716	7.180	0.67	2.256	10.481	7.022	0.67	2.364	10.199	6.833	0.67	2.525
27	22	11.421	6.282	0.55	2.310	11.186	6.152	0.55	2.444	10.904	5.997	0.55	2.605
28	16	9.306	8.841	0.95	2.149	9.024	8.573	0.95	2.270	8.742	8.305	0.95	2.404
28	18	9.964	8.270	0.83	2.189	9.682	8.036	0.83	2.310	9.353	7.763	0.83	2.471
28	20	10.716	7.608	0.71	2.256	10.481	7.442	0.71	2.364	10.199	7.241	0.71	2.525
28	22	11.421	6.738	0.59	2.310	11.186	6.600	0.59	2.444	10.904	6.433	0.59	2.605
30	16	9.306	9.306	1.00	2.149	9.024	9.024	1.00	2.270	8.742	8.742	1.00	2.404
30	18	9.964	9.067	0.91	2.189	9.682	8.811	0.91	2.310	9.353	8.511	0.91	2.471
30	20	10.716	8.466	0.79	2.256	10.481	8.280	0.79	2.364	10.199	8.057	0.79	2.525
30	22	11.421	7.652	0.67	2.310	11.186	7.495	0.67	2.444	10.904	7.306	0.67	2.605
32	16	9.306	9.306	1.00	2.149	9.024	9.024	1.00	2.270	8.742	8.742	1.00	2.404
32	18	9.964	9.864	0.99	2.189	9.682	9.585	0.99	2.310	9.353	9.259	0.99	2.471
32	20	10.716	9.323	0.87	2.256	10.481	9.118	0.87	2.364	10.199	8.873	0.87	2.525
32	22	11.421	8.566	0.75	2.310	11.186	8.390	0.75	2.444	10.904	8.178	0.75	2.605
34	16	9.306	9.306	1.00	2.149	9.024	9.024	1.00	2.270	8.742	8.742	1.00	2.404
34	18	9.964	9.964	1.00	2.189	9.682	9.682	1.00	2.310	9.353	9.353	1.00	2.471
34	20	10.716	10.180	0.95	2.256	10.481	9.957	0.95	2.364	10.199	9.689	0.95	2.525
34	22	11.421	9.479	0.83	2.310	11.186	9.284	0.83	2.444	10.904	9.050	0.83	2.605

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.590	6.261	0.95	2.540	6.390	6.071	0.95	2.754	6.225	5.914	0.95	2.966
14	8	6.656	5.857	0.88	2.545	6.436	5.664	0.88	2.759	6.261	5.510	0.88	2.971
14	9	6.933	5.546	0.80	2.565	6.696	5.357	0.80	2.785	6.499	5.199	0.80	3.001
16	8	6.872	6.528	0.95	2.561	6.666	6.333	0.95	2.781	6.496	6.171	0.95	3.000
16	9	6.985	6.007	0.86	2.569	6.747	5.802	0.86	2.789	6.558	5.640	0.86	3.007
16	11	7.306	5.699	0.78	2.591	7.057	5.504	0.78	2.818	6.849	5.342	0.78	3.041
18	10	7.157	6.728	0.94	2.581	6.947	6.530	0.94	2.808	6.771	6.365	0.94	3.032
18	11	7.335	6.235	0.85	2.592	7.085	6.022	0.85	2.819	6.877	5.845	0.85	3.044
18	12	7.697	5.850	0.76	2.614	7.437	5.652	0.76	2.849	7.216	5.484	0.76	3.081
20	16	8.366	5.271	0.63	2.579	7.990	5.034	0.63	2.767	7.614	4.797	0.63	2.995
20	18	9.024	4.602	0.51	2.646	8.742	4.458	0.51	2.847	8.178	4.171	0.51	3.062
20	20	9.776	3.813	0.39	2.713	9.400	3.666	0.39	2.901	8.836	3.446	0.39	3.116
22	16	8.366	5.940	0.71	2.579	7.990	5.673	0.71	2.767	7.614	5.406	0.71	2.995
22	18	9.024	5.324	0.59	2.646	8.742	5.158	0.59	2.847	8.178	4.825	0.59	3.062
22	20	9.776	4.595	0.47	2.713	9.400	4.418	0.47	2.901	8.836	4.153	0.47	3.116
24	16	8.366	6.609	0.79	2.579	7.990	6.312	0.79	2.767	7.614	6.015	0.79	2.995
24	18	9.024	6.046	0.67	2.646	8.742	5.857	0.67	2.847	8.178	5.479	0.67	3.062
24	20	9.776	5.377	0.55	2.713	9.400	5.170	0.55	2.901	8.836	4.860	0.55	3.116
24	22	10.528	4.527	0.43	2.767	10.152	4.365	0.43	2.981	9.588	4.123	0.43	3.169
26	16	8.366	7.278	0.87	2.579	7.990	6.951	0.87	2.767	7.614	6.624	0.87	2.995
26	18	9.024	6.768	0.75	2.646	8.742	6.557	0.75	2.847	8.178	6.134	0.75	3.062
26	20	9.776	6.159	0.63	2.713	9.400	5.922	0.63	2.901	8.836	5.567	0.63	3.116
26	22	10.528	5.369	0.51	2.767	10.152	5.178	0.51	2.981	9.588	4.890	0.51	3.169
27	16	8.366	7.613	0.91	2.579	7.990	7.271	0.91	2.767	7.614	6.929	0.91	2.995
27	18	9.024	7.129	0.79	2.646	8.742	6.906	0.79	2.847	8.178	6.461	0.79	3.062
27	20	9.776	6.550	0.67	2.713	9.400	6.298	0.67	2.901	8.836	5.920	0.67	3.116
27	22	10.528	5.790	0.55	2.767	10.152	5.584	0.55	2.981	9.588	5.273	0.55	3.169
28	16	8.366	7.948	0.95	2.579	7.990	7.591	0.95	2.767	7.614	7.233	0.95	2.995
28	18	9.024	7.490	0.83	2.646	8.742	7.256	0.83	2.847	8.178	6.788	0.83	3.062
28	20	9.776	6.941	0.71	2.713	9.400	6.674	0.71	2.901	8.836	6.274	0.71	3.116
28	22	10.528	6.212	0.59	2.767	10.152	5.990	0.59	2.981	9.588	5.657	0.59	3.169
30	16	8.366	8.366	1.00	2.579	7.990	7.990	1.00	2.767	7.614	7.614	1.00	2.995
30	18	9.024	8.212	0.91	2.646	8.742	7.955	0.91	2.847	8.178	7.442	0.91	3.062
30	20	9.776	7.723	0.79	2.713	9.400	7.426	0.79	2.901	8.836	6.980	0.79	3.116
30	22	10.528	7.054	0.67	2.767	10.152	6.802	0.67	2.981	9.588	6.424	0.67	3.169
32	16	8.366	8.366	1.00	2.579	7.990	7.990	1.00	2.767	7.614	7.614	1.00	2.995
32	18	9.024	8.934	0.99	2.646	8.742	8.655	0.99	2.847	8.178	8.096	0.99	3.062
32	20	9.776	8.505	0.87	2.713	9.400	8.178	0.87	2.901	8.836	7.687	0.87	3.116
32	22	10.528	7.896	0.75	2.767	10.152	7.614	0.75	2.981	9.588	7.191	0.75	3.169
34	16	8.366	8.366	1.00	2.579	7.990	7.990	1.00	2.767	7.614	7.614	1.00	2.995
34	18	9.024	9.024	1.00	2.646	8.742	8.742	1.00	2.847	8.178	8.178	1.00	3.062
34	20	9.776	9.287	0.95	2.713	9.400	8.930	0.95	2.901	8.836	8.394	0.95	3.116
34	22	10.528	8.738	0.83	2.767	10.152	8.426	0.83	2.981				

PSA-M125KA / PUZ-M125VKA2 PUZ-M125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	3.285	8.936	8.400	0.94	3.588	8.722	8.199	0.94	3.891
14	8	9.345	8.130	0.87	3.284	9.095	7.913	0.87	3.592	8.845	7.695	0.87	3.901
14	9	9.732	7.688	0.79	3.278	9.471	7.482	0.79	3.601	9.211	7.277	0.79	3.923
16	8	9.533	8.961	0.94	3.280	9.312	8.753	0.94	3.598	9.091	8.546	0.94	3.916
16	9	9.802	8.332	0.85	3.277	9.541	8.110	0.85	3.602	9.279	7.887	0.85	3.927
16	11	10.253	7.895	0.77	3.269	9.979	7.684	0.77	3.610	9.704	7.472	0.77	3.952
18	10	9.927	9.232	0.93	3.274	9.696	9.017	0.93	3.606	9.465	8.802	0.93	3.938
18	11	10.292	8.645	0.84	3.270	10.016	8.413	0.84	3.612	9.740	8.182	0.84	3.953
18	12	10.807	8.105	0.75	3.259	10.514	7.886	0.75	3.617	10.221	7.666	0.75	3.975
20	16	11.979	7.427	0.62	3.585	11.616	7.202	0.62	3.786	11.253	6.977	0.62	4.010
20	18	12.826	6.413	0.50	3.652	12.463	6.232	0.50	3.854	12.040	6.020	0.50	4.123
20	20	13.794	5.242	0.38	3.764	13.492	5.127	0.38	3.943	13.129	4.989	0.38	4.212
22	16	11.979	8.385	0.70	3.585	11.616	8.131	0.70	3.786	11.253	7.877	0.70	4.010
22	18	12.826	7.439	0.58	3.652	12.463	7.229	0.58	3.854	12.040	6.983	0.58	4.123
22	20	13.794	6.345	0.46	3.764	13.492	6.206	0.46	3.943	13.129	6.039	0.46	4.212
24	16	11.979	9.344	0.78	3.585	11.616	9.060	0.78	3.786	11.253	8.777	0.78	4.010
24	18	12.826	8.465	0.66	3.652	12.463	8.226	0.66	3.854	12.040	7.946	0.66	4.123
24	20	13.794	7.449	0.54	3.764	13.492	7.286	0.54	3.943	13.129	7.090	0.54	4.212
24	22	14.702	6.175	0.42	3.854	14.399	6.048	0.42	4.078	14.036	5.895	0.42	4.347
26	16	11.979	10.302	0.86	3.585	11.616	9.990	0.86	3.786	11.253	9.678	0.86	4.010
26	18	12.826	9.491	0.74	3.652	12.463	9.223	0.74	3.854	12.040	8.910	0.74	4.123
26	20	13.794	8.552	0.62	3.764	13.492	8.365	0.62	3.943	13.129	8.140	0.62	4.212
26	22	14.702	7.351	0.50	3.854	14.399	7.200	0.50	4.078	14.036	7.018	0.50	4.347
27	16	11.979	10.781	0.90	3.585	11.616	10.454	0.90	3.786	11.253	10.128	0.90	4.010
27	18	12.826	10.004	0.78	3.652	12.463	9.721	0.78	3.854	12.040	9.391	0.78	4.123
27	20	13.794	9.104	0.66	3.764	13.492	8.905	0.66	3.943	13.129	8.665	0.66	4.212
27	22	14.702	7.939	0.54	3.854	14.399	7.775	0.54	4.078	14.036	7.579	0.54	4.347
28	16	11.979	11.260	0.94	3.585	11.616	10.919	0.94	3.786	11.253	10.578	0.94	4.010
28	18	12.826	10.517	0.82	3.652	12.463	10.220	0.82	3.854	12.040	9.873	0.82	4.123
28	20	13.794	9.656	0.70	3.764	13.492	9.444	0.70	3.943	13.129	9.190	0.70	4.212
28	22	14.702	8.527	0.58	3.854	14.399	8.351	0.58	4.078	14.036	8.141	0.58	4.347
30	16	11.979	11.979	1.00	3.585	11.616	11.616	1.00	3.786	11.253	11.253	1.00	4.010
30	18	12.826	11.543	0.90	3.652	12.463	11.217	0.90	3.854	12.040	10.836	0.90	4.123
30	20	13.794	10.759	0.78	3.764	13.492	10.524	0.78	3.943	13.129	10.241	0.78	4.212
30	22	14.702	9.703	0.66	3.854	14.399	9.503	0.66	4.078	14.036	9.264	0.66	4.347
32	16	11.979	11.979	1.00	3.585	11.616	11.616	1.00	3.786	11.253	11.253	1.00	4.010
32	18	12.826	12.569	0.98	3.652	12.463	12.214	0.98	3.854	12.040	11.799	0.98	4.123
32	20	13.794	11.863	0.86	3.764	13.492	11.603	0.86	3.943	13.129	11.291	0.86	4.212
32	22	14.702	10.879	0.74	3.854	14.399	10.655	0.74	4.078	14.036	10.387	0.74	4.347
34	16	11.979	11.979	1.00	3.585	11.616	11.616	1.00	3.786	11.253	11.253	1.00	4.010
34	18	12.826	12.826	1.00	3.652	12.463	12.463	1.00	3.854	12.040	12.040	1.00	4.123
34	20	13.794	12.966	0.94	3.764	13.492	12.682	0.94	3.943	13.129	12.341	0.94	4.212
34	22	14.702	12.056	0.82	3.854	14.399	11.807	0.82	4.078	14.036	11.510	0.82	4.347

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	4.237	8.225	7.732	0.94	4.595	8.013	7.532	0.94	4.949
14	8	8.568	7.454	0.87	4.245	8.285	7.208	0.87	4.603	8.060	7.012	0.87	4.957
14	9	8.925	7.051	0.79	4.279	8.619	6.809	0.79	4.646	8.366	6.609	0.79	5.006
16	8	8.845	8.314	0.94	4.273	8.581	8.066	0.94	4.640	8.361	7.859	0.94	5.005
16	9	8.991	7.642	0.85	4.286	8.685	7.382	0.85	4.652	8.441	7.175	0.85	5.017
16	11	9.405	7.242	0.77	4.322	9.085	6.995	0.77	4.700	8.817	6.789	0.77	5.073
18	10	9.213	8.568	0.93	4.305	8.943	8.317	0.93	4.684	8.715	8.105	0.93	5.058
18	11	9.441	7.930	0.84	4.325	9.120	7.661	0.84	4.703	8.852	7.436	0.84	5.079
18	12	9.908	7.431	0.75	4.360	9.574	7.181	0.75	4.752	9.288	6.966	0.75	5.139
20	16	10.769	6.877	0.62	4.302	10.285	6.377	0.62	4.615	9.801	6.077	0.62	4.996
20	18	11.616	5.808	0.50	4.414	11.253	5.627	0.50	4.750	10.527	5.264	0.50	5.108
20	20	12.584	4.782	0.38	4.526	12.100	4.598	0.38	4.839	11.374	4.322	0.38	5.198
22	16	10.769	7.538	0.70	4.302	10.285	7.200	0.70	4.615	9.801	6.861	0.70	4.996
22	18	11.616	6.737	0.58	4.414	11.253	6.527	0.58	4.750	10.527	6.106	0.58	5.108
22	20	12.584	5.789	0.46	4.526	12.100	5.566	0.46	4.839	11.374	5.232	0.46	5.198
24	16	10.769	8.400	0.78	4.302	10.285	8.022	0.78	4.615	9.801	7.645	0.78	4.996
24	18	11.616	7.667	0.66	4.414	11.253	7.427	0.66	4.750	10.527	6.948	0.66	5.108
24	20	12.584	6.795	0.54	4.526	12.100	6.534	0.54	4.839	11.374	6.142	0.54	5.198
24	22	13.552	5.692	0.42	4.615	13.068	5.489	0.42	4.974	12.342	5.184	0.42	5.288
26	16	10.769	9.261	0.86	4.302	10.285	8.845	0.86	4.615	9.801	8.429	0.86	4.996
26	18	11.616	8.596	0.74	4.414	11.253	8.327	0.74	4.750	10.527	7.790	0.74	5.108
26	20	12.584	7.802	0.62	4.526	12.100	7.502	0.62	4.839	11.374	7.052	0.62	5.198
26	22	13.552	6.776	0.50	4.615	13.068	6.534	0.50	4.974	12.342	6.171	0.50	5.288
27	16	10.769	9.692	0.90	4.302	10.285	9.257	0.90	4.615	9.801	8.821	0.90	4.996
27	18	11.616	9.060	0.78	4.414	11.253	8.777	0.78	4.750	10.527	8.211	0.78	5.108
27	20	12.584	8.305	0.66	4.526	12.100	7.986	0.66	4.839	11.374	7.507	0.66	5.198
27	22	13.552	7.318	0.54	4.615	13.068	7.057	0.54	4.974	12.342	6.665	0.54	5.288
28	16	10.769	10.123	0.94	4.302	10.285	9.668	0.94	4.615	9.801	9.213	0.94	4.996
28	18	11.616	9.525	0.82	4.414	11.253	9.227	0.82	4.750	10.527	8.632	0.82	5.108
28	20	12.584	8.809	0.70	4.526	12.100	8.470	0.70	4.839	11.374	7.962	0.70	5.198
28	22	13.552	7.860	0.58	4.615	13.068	7.579	0.58	4.974	12.342	7.158	0.58	5.288
30	16	10.769	10.769	1.00	4.302	10.285	10.285	1.00	4.615	9.801	9.801	1.00	4.996
30	18	11.616	10.454	0.90	4.414	11.253	10.128	0.90	4.750	10.527	9.474	0.90	5.108
30	20	12.584	9.816	0.78	4.526	12.100	9.438	0.78	4.839	11.374	8.872	0.78	5.198
30	22	13.552	8.944	0.66	4.615	13.068	8.625	0.66	4.974	12.342	8.146	0.66	5.288
32	16	10.769	10.769	1.00	4.302	10.285	10.285	1.00	4.615	9.801	9.801	1.00	4.996
32	18	11.616	11.384	0.98	4.414	11.253	11.028	0.98	4.750	10.527	10.316	0.98	5.108
32	20	12.584	10.822	0.86	4.526	12.100	10.406	0.86	4.839	11.374	9.782	0.86	5.198
32	22	13.552	10.028	0.74	4.615	13.068	9.670	0.74	4.974	12.342	9.133	0.74	5.288
34	16	10.769	10.769	1.00	4.302	10.285	10.285	1.00	4.615	9.801	9.801	1.00	4.996
34	18	11.616	11.616	1.00	4.414	11.253	11.253	1.00	4.750	10.527	10.527		

PSA-M140KA / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.285	9.565	0.93	3.693	10.044	9.341	0.93	4.034	9.803	9.117	0.93	4.374
14	8	10.503	9.033	0.86	3.691	10.223	8.792	0.86	4.038	9.942	8.550	0.86	4.385
14	9	10.938	8.532	0.78	3.685	10.645	8.303	0.78	4.047	10.353	8.075	0.78	4.410
16	8	10.715	9.965	0.93	3.687	10.467	9.734	0.93	4.044	10.218	9.503	0.93	4.402
16	9	11.017	9.254	0.84	3.684	10.723	9.007	0.84	4.049	10.430	8.761	0.84	4.414
16	11	11.524	8.758	0.76	3.674	11.216	8.524	0.76	4.058	10.907	8.289	0.76	4.442
18	10	11.158	10.265	0.92	3.681	10.898	10.026	0.92	4.054	10.638	9.787	0.92	4.427
18	11	11.568	9.601	0.83	3.676	11.258	9.344	0.83	4.060	10.948	9.087	0.83	4.444
18	12	12.147	8.989	0.74	3.664	11.817	8.745	0.74	4.066	11.488	8.501	0.74	4.468
20	16	13.464	8.213	0.61	4.030	13.056	7.964	0.61	4.256	12.648	7.715	0.61	4.508
20	18	14.416	7.064	0.49	4.105	14.008	6.864	0.49	4.332	13.532	6.631	0.49	4.634
20	20	15.504	5.736	0.37	4.231	15.164	5.611	0.37	4.433	14.756	5.460	0.37	4.735
22	16	13.464	9.290	0.69	4.030	13.056	9.009	0.69	4.256	12.648	8.727	0.69	4.508
22	18	14.416	8.217	0.57	4.105	14.008	7.985	0.57	4.332	13.532	7.713	0.57	4.634
22	20	15.504	6.977	0.45	4.231	15.164	6.824	0.45	4.433	14.756	6.640	0.45	4.735
24	16	13.464	10.367	0.77	4.030	13.056	10.053	0.77	4.256	12.648	9.739	0.77	4.508
24	18	14.416	9.370	0.65	4.105	14.008	9.105	0.65	4.332	13.532	8.796	0.65	4.634
24	20	15.504	8.217	0.53	4.231	15.164	8.037	0.53	4.433	14.756	7.821	0.53	4.735
24	22	16.524	6.775	0.41	4.332	16.184	6.635	0.41	4.584	15.776	6.468	0.41	4.886
26	16	13.464	11.444	0.85	4.030	13.056	11.098	0.85	4.256	12.648	10.751	0.85	4.508
26	18	14.416	10.524	0.73	4.105	14.008	10.226	0.73	4.332	13.532	9.878	0.73	4.634
26	20	15.504	9.457	0.61	4.231	15.164	9.250	0.61	4.433	14.756	9.001	0.61	4.735
26	22	16.524	8.097	0.49	4.332	16.184	7.930	0.49	4.584	15.776	7.730	0.49	4.886
27	16	13.464	11.983	0.89	4.030	13.056	11.620	0.89	4.256	12.648	11.257	0.89	4.508
27	18	14.416	11.100	0.77	4.105	14.008	10.786	0.77	4.332	13.532	10.420	0.77	4.634
27	20	15.504	10.078	0.65	4.231	15.164	9.857	0.65	4.433	14.756	9.591	0.65	4.735
27	22	16.524	8.758	0.53	4.332	16.184	8.578	0.53	4.584	15.776	8.361	0.53	4.886
28	16	13.464	12.522	0.93	4.030	13.056	12.142	0.93	4.256	12.648	11.763	0.93	4.508
28	18	14.416	11.677	0.81	4.105	14.008	11.346	0.81	4.332	13.532	10.961	0.81	4.634
28	20	15.504	10.698	0.69	4.231	15.164	10.463	0.69	4.433	14.756	10.182	0.69	4.735
28	22	16.524	9.419	0.57	4.332	16.184	9.225	0.57	4.584	15.776	8.992	0.57	4.886
30	16	13.464	13.464	1.00	4.030	13.056	13.056	1.00	4.256	12.648	12.648	1.00	4.508
30	18	14.416	12.830	0.89	4.105	14.008	12.467	0.89	4.332	13.532	12.043	0.89	4.634
30	20	15.504	11.938	0.77	4.231	15.164	11.676	0.77	4.433	14.756	11.362	0.77	4.735
30	22	16.524	10.741	0.65	4.332	16.184	10.520	0.65	4.584	15.776	10.254	0.65	4.886
32	16	13.464	13.464	1.00	4.030	13.056	13.056	1.00	4.256	12.648	12.648	1.00	4.508
32	18	14.416	13.984	0.97	4.105	14.008	13.588	0.97	4.332	13.532	13.126	0.97	4.634
32	20	15.504	13.178	0.85	4.231	15.164	12.889	0.85	4.433	14.756	12.543	0.85	4.735
32	22	16.524	12.063	0.73	4.332	16.184	11.814	0.73	4.584	15.776	11.516	0.73	4.886
34	16	13.464	13.464	1.00	4.030	13.056	13.056	1.00	4.256	12.648	12.648	1.00	4.508
34	18	14.416	14.416	1.00	4.105	14.008	14.008	1.00	4.332	13.532	13.532	1.00	4.634
34	20	15.504	14.419	0.93	4.231	15.164	14.103	0.93	4.433	14.756	13.723	0.93	4.735
34	22	16.524	13.384	0.81	4.332	16.184	13.109	0.81	4.584	15.776	12.779	0.81	4.886

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.535	8.868	0.93	4.763	9.245	8.598	0.93	5.165	9.007	8.377	0.93	5.563
14	8	9.630	8.282	0.86	4.772	9.312	8.008	0.86	5.174	9.059	7.791	0.86	5.572
14	9	10.031	7.824	0.78	4.810	9.687	7.556	0.78	5.222	9.403	7.334	0.78	5.627
16	8	9.942	9.246	0.93	4.803	9.645	8.970	0.93	5.216	9.398	8.740	0.93	5.626
16	9	10.106	8.489	0.84	4.818	9.762	8.200	0.84	5.230	9.488	7.970	0.84	5.640
16	11	10.571	8.034	0.76	4.858	10.211	7.760	0.76	5.284	9.910	7.532	0.76	5.703
18	10	10.355	9.527	0.92	4.840	10.052	9.248	0.92	5.265	9.796	9.012	0.92	5.686
18	11	10.612	8.808	0.83	4.861	10.251	8.508	0.83	5.287	9.950	8.259	0.83	5.709
18	12	11.136	8.241	0.74	4.901	10.760	7.962	0.74	5.342	10.440	7.726	0.74	5.777
20	16	12.104	7.383	0.61	4.836	11.560	7.052	0.61	5.188	11.016	6.720	0.61	5.616
20	18	13.056	6.397	0.49	4.961	12.648	6.198	0.49	5.339	11.832	5.798	0.49	5.742
20	20	14.144	5.233	0.37	5.087	13.600	5.032	0.37	5.440	12.784	4.730	0.37	5.843
22	16	12.104	8.352	0.69	4.836	11.560	7.976	0.69	5.188	11.016	7.601	0.69	5.616
22	18	13.056	7.442	0.57	4.961	12.648	7.209	0.57	5.339	11.832	6.744	0.57	5.742
22	20	14.144	6.365	0.45	5.087	13.600	6.120	0.45	5.440	12.784	5.753	0.45	5.843
24	16	12.104	9.320	0.77	4.836	11.560	8.901	0.77	5.188	11.016	8.482	0.77	5.616
24	18	13.056	8.486	0.65	4.961	12.648	8.221	0.65	5.339	11.832	7.691	0.65	5.742
24	20	14.144	7.496	0.53	5.087	13.600	7.208	0.53	5.440	12.784	6.776	0.53	5.843
24	22	15.232	6.245	0.41	5.188	14.688	6.022	0.41	5.591	13.872	5.688	0.41	5.944
26	16	12.104	10.288	0.85	4.836	11.560	9.826	0.85	5.188	11.016	9.364	0.85	5.616
26	18	13.056	9.531	0.73	4.961	12.648	9.233	0.73	5.339	11.832	8.637	0.73	5.742
26	20	14.144	8.628	0.61	5.087	13.600	8.296	0.61	5.440	12.784	7.798	0.61	5.843
26	22	15.232	7.464	0.49	5.188	14.688	7.197	0.49	5.591	13.872	6.797	0.49	5.944
27	16	12.104	10.773	0.89	4.836	11.560	10.288	0.89	5.188	11.016	9.804	0.89	5.616
27	18	13.056	10.053	0.77	4.961	12.648	9.739	0.77	5.339	11.832	9.111	0.77	5.742
27	20	14.144	9.194	0.65	5.087	13.600	8.840	0.65	5.440	12.784	8.310	0.65	5.843
27	22	15.232	8.073	0.53	5.188	14.688	7.785	0.53	5.591	13.872	7.352	0.53	5.944
28	16	12.104	11.257	0.93	4.836	11.560	10.751	0.93	5.188	11.016	10.245	0.93	5.616
28	18	13.056	10.575	0.81	4.961	12.648	10.245	0.81	5.339	11.832	9.584	0.81	5.742
28	20	14.144	9.759	0.69	5.087	13.600	9.384	0.69	5.440	12.784	8.821	0.69	5.843
28	22	15.232	8.682	0.57	5.188	14.688	8.372	0.57	5.591	13.872	7.907	0.57	5.944
30	16	12.104	12.104	1.00	4.836	11.560	11.560	1.00	5.188	11.016	11.016	1.00	5.616
30	18	13.056	11.620	0.89	4.961	12.648	11.257	0.89	5.339	11.832	10.530	0.89	5.742
30	20	14.144	10.891	0.77	5.087	13.600	10.472	0.77	5.440	12.784	9.844	0.77	5.843
30	22	15.232	9.901	0.65	5.188	14.688	9.547	0.65	5.591	13.872	9.017	0.65	5.944
32	16	12.104	12.104	1.00	4.836	11.560	11.560	1.00	5.188	11.016	11.016	1.00	5.616
32	18	13.056	12.664	0.97	4.961	12.648	12.269	0.97	5.339	11.832	11.477	0.97	5.742
32	20	14.144	12.022	0.85	5.087	13.600	11.560	0.85	5.440	12.784	10.866	0.85	5.843
32	22	15.232	11.119	0.73	5.188	14.688	10.722	0.73	5.591	13.872	10.127	0.73	5.944
34	16	12.104	12.104	1.00	4.836	11.560	11.560	1.00	5.188	11.016	11.016	1.00	5.616
34	18	13.056	13.056	1.00									

HEATING CAPACITY

PSA-M-KA / PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.826	1.379	5.244	1.520	5.852	1.754	7.676	2.104	8.664	2.338	9.652	2.525
	20	4.636	1.496	5.016	1.637	5.548	1.894	7.410	2.268	8.360	2.525	9.310	2.712
	25	4.484	1.590	4.864	1.777	5.320	2.057	6.992	2.408	8.056	2.700	8.968	2.911
PSA-M100KA	15	7.112	1.871	7.728	2.062	8.624	2.379	11.312	2.855	12.768	3.172	14.224	3.426
	20	6.832	2.030	7.392	2.220	8.176	2.569	10.920	3.077	12.320	3.426	13.720	3.680
	25	6.608	2.157	7.168	2.411	7.840	2.791	10.304	3.267	11.872	3.664	13.216	3.949
PSA-M125KA	15	8.890	2.656	9.660	2.926	10.780	3.376	14.140	4.051	15.960	4.501	17.780	4.861
	20	8.540	2.881	9.240	3.151	10.220	3.646	13.650	4.366	15.400	4.861	17.150	5.221
	25	8.260	3.061	8.960	3.421	9.800	3.961	12.880	4.636	14.840	5.199	16.520	5.604
PSA-M140KA	15	10.160	2.950	11.040	3.250	12.320	3.750	16.160	4.500	18.240	5.000	20.320	5.400
	20	9.760	3.200	10.560	3.500	11.680	4.050	15.600	4.850	17.600	5.400	19.600	5.800
	25	9.440	3.400	10.240	3.800	11.200	4.400	14.720	5.150	16.960	5.775	18.880	6.225

FLOOR-STANDING PERFORMANCE DATA

PSA-M-KA / SUZ-M-VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.000	1.296	5.040	1.620	6.080	1.944	7.120	2.193	8.160	2.367	9.200	2.517	10.160	2.592	11.200	2.642
	21	3.760	1.381	4.800	1.744	5.760	2.068	6.800	2.293	7.760	2.467	8.800	2.592	9.760	2.666	10.760	2.766
	26	3.280	1.495	4.320	1.869	5.360	2.193	6.320	2.417	7.360	2.592	8.400	2.716	9.360	2.791	10.400	2.866

PSA-M-KA / PUZ-M-VKA2 PUZ-M-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M100KA	15	7.112	1.871	7.728	2.062	8.624	2.379	11.312	2.855	12.768	3.172	14.224	3.426
	20	6.832	2.030	7.392	2.220	8.176	2.569	10.920	3.077	12.320	3.426	13.720	3.680
	25	6.608	2.157	7.168	2.411	7.840	2.791	10.304	3.267	11.872	3.664	13.216	3.949
PSA-M125KA	15	8.890	2.656	9.660	2.926	10.780	3.376	14.140	4.051	15.960	4.501	17.780	4.861
	20	8.540	2.881	9.240	3.151	10.220	3.646	13.650	4.366	15.400	4.861	17.150	5.221
	25	8.260	3.061	8.960	3.421	9.800	3.961	12.880	4.636	14.840	5.199	16.520	5.604
PSA-M140KA	15	10.160	2.950	11.040	3.250	12.320	3.750	16.160	4.500	18.240	5.000	20.320	5.400
	20	9.760	3.200	10.560	3.500	11.680	4.050	15.600	4.850	17.600	5.400	19.600	5.800
	25	9.440	3.400	10.240	3.800	11.200	4.400	14.720	5.150	16.960	5.775	18.880	6.225

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.5.5.2 R410A type
COOLING CAPACITY
PSA-M71KA / PUHZ-ZRP71VHA2

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.569	0.65	1.512	6.816	4.430	0.65	1.597	6.603	4.292	0.65	1.692
20	18	7.526	3.989	0.53	1.540	7.313	3.876	0.53	1.625	7.065	3.744	0.53	1.739
20	20	8.094	3.319	0.41	1.588	7.917	3.246	0.41	1.663	7.704	3.159	0.41	1.777
22	16	7.029	5.131	0.73	1.512	6.816	4.976	0.73	1.597	6.603	4.820	0.73	1.692
22	18	7.526	4.591	0.61	1.540	7.313	4.461	0.61	1.625	7.065	4.310	0.61	1.739
22	20	8.094	3.966	0.49	1.588	7.917	3.879	0.49	1.663	7.704	3.775	0.49	1.777
24	16	7.029	5.693	0.81	1.512	6.816	5.521	0.81	1.597	6.603	5.348	0.81	1.692
24	18	7.526	5.193	0.69	1.540	7.313	5.046	0.69	1.625	7.065	4.875	0.69	1.739
24	20	8.094	4.614	0.57	1.588	7.917	4.513	0.57	1.663	7.704	4.391	0.57	1.777
24	22	8.627	3.882	0.45	1.625	8.449	3.802	0.45	1.720	8.236	3.706	0.45	1.833
26	16	7.029	6.256	0.89	1.512	6.816	6.066	0.89	1.597	6.603	5.877	0.89	1.692
26	18	7.526	5.795	0.77	1.540	7.313	5.631	0.77	1.625	7.065	5.440	0.77	1.739
26	20	8.094	5.261	0.65	1.588	7.917	5.146	0.65	1.663	7.704	5.008	0.65	1.777
26	22	8.627	4.572	0.53	1.625	8.449	4.478	0.53	1.720	8.236	4.365	0.53	1.833
27	16	7.029	6.537	0.93	1.512	6.816	6.339	0.93	1.597	6.603	6.141	0.93	1.692
27	18	7.526	6.096	0.81	1.540	7.313	5.924	0.81	1.625	7.065	5.723	0.81	1.739
27	20	8.094	5.585	0.69	1.588	7.917	5.463	0.69	1.663	7.704	5.316	0.69	1.777
27	22	8.627	4.917	0.57	1.625	8.449	4.816	0.57	1.720	8.236	4.695	0.57	1.833
28	16	7.029	6.818	0.97	1.512	6.816	6.612	0.97	1.597	6.603	6.405	0.97	1.692
28	18	7.526	6.397	0.85	1.540	7.313	6.216	0.85	1.625	7.065	6.005	0.85	1.739
28	20	8.094	5.909	0.73	1.588	7.917	5.779	0.73	1.663	7.704	5.624	0.73	1.777
28	22	8.627	5.262	0.61	1.625	8.449	5.154	0.61	1.720	8.236	5.024	0.61	1.833
30	16	7.029	7.029	1.00	1.512	6.816	6.816	1.00	1.597	6.603	6.603	1.00	1.692
30	18	7.526	6.999	0.93	1.540	7.313	6.801	0.93	1.625	7.065	6.570	0.93	1.739
30	20	8.094	6.556	0.81	1.588	7.917	6.413	0.81	1.663	7.704	6.240	0.81	1.777
30	22	8.627	5.953	0.69	1.625	8.449	5.830	0.69	1.720	8.236	5.683	0.69	1.833
32	16	7.029	7.029	1.00	1.512	6.816	6.816	1.00	1.597	6.603	6.603	1.00	1.692
32	18	7.526	7.526	1.00	1.540	7.313	7.313	1.00	1.625	7.065	7.065	1.00	1.739
32	20	8.094	7.204	0.89	1.588	7.917	7.046	0.89	1.663	7.704	6.857	0.89	1.777
32	22	8.627	6.643	0.77	1.625	8.449	6.506	0.77	1.720	8.236	6.342	0.77	1.833
34	16	7.029	7.029	1.00	1.512	6.816	6.816	1.00	1.597	6.603	6.603	1.00	1.692
34	18	7.526	7.526	1.00	1.540	7.313	7.313	1.00	1.625	7.065	7.065	1.00	1.739
34	20	8.094	7.851	0.97	1.588	7.917	7.679	0.97	1.663	7.704	7.473	0.97	1.777
34	22	8.627	7.333	0.85	1.625	8.449	7.182	0.85	1.720	8.236	7.001	0.85	1.833

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.107	0.65	1.814	6.035	3.923	0.65	1.947	5.751	3.738	0.65	2.107
20	18	6.816	3.612	0.53	1.862	6.603	3.500	0.53	2.003	6.177	3.274	0.53	2.155
20	20	7.384	3.027	0.41	1.909	7.100	2.911	0.41	2.041	6.674	2.736	0.41	2.192
22	16	6.319	4.613	0.73	1.814	6.035	4.406	0.73	1.947	5.751	4.198	0.73	2.107
22	18	6.816	4.158	0.61	1.862	6.603	4.028	0.61	2.003	6.177	3.768	0.61	2.155
22	20	7.384	3.618	0.49	1.909	7.100	3.479	0.49	2.041	6.674	3.270	0.49	2.192
24	16	6.319	5.118	0.81	1.814	6.035	4.888	0.81	1.947	5.751	4.658	0.81	2.107
24	18	6.816	4.703	0.69	1.862	6.603	4.566	0.69	2.003	6.177	4.262	0.69	2.155
24	20	7.384	4.209	0.57	1.909	7.100	4.047	0.57	2.041	6.674	3.804	0.57	2.192
24	22	7.952	3.578	0.45	1.947	7.668	3.451	0.45	2.098	7.242	3.259	0.45	2.230
26	16	6.319	5.624	0.89	1.814	6.035	5.371	0.89	1.947	5.751	5.118	0.89	2.107
26	18	6.816	5.248	0.77	1.862	6.603	5.084	0.77	2.003	6.177	4.756	0.77	2.155
26	20	7.384	4.800	0.65	1.909	7.100	4.615	0.65	2.041	6.674	4.338	0.65	2.192
26	22	7.952	4.215	0.53	1.947	7.668	4.064	0.53	2.098	7.242	3.838	0.53	2.230
27	16	6.319	5.877	0.93	1.814	6.035	5.613	0.93	1.947	5.751	5.348	0.93	2.107
27	18	6.816	5.521	0.81	1.862	6.603	5.348	0.81	2.003	6.177	5.003	0.81	2.155
27	20	7.384	5.095	0.69	1.909	7.100	4.899	0.69	2.041	6.674	4.605	0.69	2.192
27	22	7.952	4.533	0.57	1.947	7.668	4.371	0.57	2.098	7.242	4.128	0.57	2.230
28	16	6.319	6.129	0.97	1.814	6.035	5.854	0.97	1.947	5.751	5.578	0.97	2.107
28	18	6.816	5.794	0.85	1.862	6.603	5.613	0.85	2.003	6.177	5.250	0.85	2.155
28	20	7.384	5.390	0.73	1.909	7.100	5.183	0.73	2.041	6.674	4.872	0.73	2.192
28	22	7.952	4.851	0.61	1.947	7.668	4.677	0.61	2.098	7.242	4.418	0.61	2.230
30	16	6.319	6.319	1.00	1.814	6.035	6.035	1.00	1.947	5.751	5.751	1.00	2.107
30	18	6.816	6.339	0.93	1.862	6.603	6.141	0.93	2.003	6.177	5.745	0.93	2.155
30	20	7.384	5.981	0.81	1.909	7.100	5.751	0.81	2.041	6.674	5.406	0.81	2.192
30	22	7.952	5.487	0.69	1.947	7.668	5.291	0.69	2.098	7.242	4.997	0.69	2.230
32	16	6.319	6.319	1.00	1.814	6.035	6.035	1.00	1.947	5.751	5.751	1.00	2.107
32	18	6.816	6.816	1.00	1.862	6.603	6.603	1.00	2.003	6.177	6.177	1.00	2.155
32	20	7.384	6.572	0.89	1.909	7.100	6.319	0.89	2.041	6.674	5.940	0.89	2.192
32	22	7.952	6.123	0.77	1.947	7.668	5.904	0.77	2.098	7.242	5.576	0.77	2.230
34	16	6.319	6.319	1.00	1.814	6.035	6.035	1.00	1.947	5.751	5.751	1.00	2.107
34	18	6.816	6.816	1.00	1.862	6.603	6.603	1.00	2.003	6.177	6.177	1.00	2.155
34	20	7.384	7.162	0.97	1.909	7.100	6.887	0.97	2.041	6.674	6.474	0.97	2.192
34	22	7.952	6.759	0.85	1.947	7.668	6.518	0.85	2.098	7.242	6.156	0.85	2.230

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PSA-M100KA / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	5.925	0.63	2.000	9.120	5.746	0.63	2.113	8.835	5.566	0.63	2.238
20	18	10.070	5.136	0.51	2.038	9.785	4.990	0.51	2.150	9.453	4.821	0.51	2.300
20	20	10.830	4.224	0.39	2.100	10.593	4.131	0.39	2.200	10.308	4.020	0.39	2.350
22	16	9.405	6.678	0.71	2.000	9.120	6.475	0.71	2.113	8.835	6.273	0.71	2.238
22	18	10.070	5.941	0.59	2.038	9.785	5.773	0.59	2.150	9.453	5.577	0.59	2.300
22	20	10.830	5.090	0.47	2.100	10.593	4.979	0.47	2.200	10.308	4.845	0.47	2.350
24	16	9.405	7.430	0.79	2.000	9.120	7.205	0.79	2.113	8.835	6.980	0.79	2.238
24	18	10.070	6.747	0.67	2.038	9.785	6.556	0.67	2.150	9.453	6.334	0.67	2.300
24	20	10.830	5.957	0.55	2.100	10.593	5.826	0.55	2.200	10.308	5.669	0.55	2.350
24	22	11.543	4.963	0.43	2.150	11.305	4.861	0.43	2.275	11.020	4.739	0.43	2.425
26	16	9.405	8.182	0.87	2.000	9.120	7.934	0.87	2.113	8.835	7.686	0.87	2.238
26	18	10.070	7.553	0.75	2.038	9.785	7.339	0.75	2.150	9.453	7.090	0.75	2.300
26	20	10.830	6.823	0.63	2.100	10.593	6.674	0.63	2.200	10.308	6.494	0.63	2.350
26	22	11.543	5.887	0.51	2.150	11.305	5.766	0.51	2.275	11.020	5.620	0.51	2.425
27	16	9.405	8.559	0.91	2.000	9.120	8.299	0.91	2.113	8.835	8.040	0.91	2.238
27	18	10.070	7.955	0.79	2.038	9.785	7.730	0.79	2.150	9.453	7.468	0.79	2.300
27	20	10.830	7.256	0.67	2.100	10.593	7.097	0.67	2.200	10.308	6.906	0.67	2.350
27	22	11.543	6.349	0.55	2.150	11.305	6.218	0.55	2.275	11.020	6.061	0.55	2.425
28	16	9.405	8.935	0.95	2.000	9.120	8.664	0.95	2.113	8.835	8.393	0.95	2.238
28	18	10.070	8.358	0.83	2.038	9.785	8.122	0.83	2.150	9.453	7.846	0.83	2.300
28	20	10.830	7.689	0.71	2.100	10.593	7.521	0.71	2.200	10.308	7.319	0.71	2.350
28	22	11.543	6.810	0.59	2.150	11.305	6.670	0.59	2.275	11.020	6.502	0.59	2.425
30	16	9.405	9.405	1.00	2.000	9.120	9.120	1.00	2.113	8.835	8.835	1.00	2.238
30	18	10.070	9.164	0.91	2.038	9.785	8.904	0.91	2.150	9.453	8.602	0.91	2.300
30	20	10.830	8.556	0.79	2.100	10.593	8.368	0.79	2.200	10.308	8.143	0.79	2.350
30	22	11.543	7.734	0.67	2.150	11.305	7.574	0.67	2.275	11.020	7.383	0.67	2.425
32	16	9.405	9.405	1.00	2.000	9.120	9.120	1.00	2.113	8.835	8.835	1.00	2.238
32	18	10.070	9.969	0.99	2.038	9.785	9.687	0.99	2.150	9.453	9.358	0.99	2.300
32	20	10.830	9.422	0.87	2.100	10.593	9.216	0.87	2.200	10.308	8.968	0.87	2.350
32	22	11.543	8.657	0.75	2.150	11.305	8.479	0.75	2.275	11.020	8.265	0.75	2.425
34	16	9.405	9.405	1.00	2.000	9.120	9.120	1.00	2.113	8.835	8.835	1.00	2.238
34	18	10.070	10.070	1.00	2.038	9.785	9.785	1.00	2.150	9.453	9.453	1.00	2.300
34	20	10.830	10.289	0.95	2.100	10.593	10.063	0.95	2.200	10.308	9.793	0.95	2.350
34	22	11.543	9.581	0.83	2.150	11.305	9.383	0.83	2.275	11.020	9.147	0.83	2.425

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.327	0.63	2.400	8.075	5.087	0.63	2.575	7.695	4.848	0.63	2.788
20	18	9.120	4.651	0.51	2.463	8.835	4.506	0.51	2.650	8.265	4.215	0.51	2.850
20	20	9.880	3.853	0.39	2.525	9.500	3.705	0.39	2.700	8.930	3.483	0.39	2.900
22	16	8.455	6.003	0.71	2.400	8.075	5.733	0.71	2.575	7.695	5.463	0.71	2.788
22	18	9.120	5.381	0.59	2.463	8.835	5.213	0.59	2.650	8.265	4.876	0.59	2.850
22	20	9.880	4.644	0.47	2.525	9.500	4.465	0.47	2.700	8.930	4.197	0.47	2.900
24	16	8.455	6.679	0.79	2.400	8.075	6.379	0.79	2.575	7.695	6.079	0.79	2.788
24	18	9.120	6.110	0.67	2.463	8.835	5.919	0.67	2.650	8.265	5.538	0.67	2.850
24	20	9.880	5.434	0.55	2.525	9.500	5.225	0.55	2.700	8.930	4.912	0.55	2.900
24	22	10.640	4.575	0.43	2.575	10.260	4.412	0.43	2.775	9.690	4.167	0.43	2.950
26	16	8.455	7.356	0.87	2.400	8.075	7.025	0.87	2.575	7.695	6.695	0.87	2.788
26	18	9.120	6.840	0.75	2.463	8.835	6.626	0.75	2.650	8.265	6.199	0.75	2.850
26	20	9.880	6.224	0.63	2.525	9.500	5.985	0.63	2.700	8.930	5.626	0.63	2.900
26	22	10.640	5.426	0.51	2.575	10.260	5.233	0.51	2.775	9.690	4.942	0.51	2.950
27	16	8.455	7.694	0.91	2.400	8.075	7.348	0.91	2.575	7.695	7.002	0.91	2.788
27	18	9.120	7.205	0.79	2.463	8.835	6.980	0.79	2.650	8.265	6.529	0.79	2.850
27	20	9.880	6.620	0.67	2.525	9.500	6.365	0.67	2.700	8.930	5.983	0.67	2.900
27	22	10.640	5.852	0.55	2.575	10.260	5.643	0.55	2.775	9.690	5.330	0.55	2.950
28	16	8.455	8.032	0.95	2.400	8.075	7.671	0.95	2.575	7.695	7.310	0.95	2.788
28	18	9.120	7.570	0.83	2.463	8.835	7.333	0.83	2.650	8.265	6.860	0.83	2.850
28	20	9.880	7.015	0.71	2.525	9.500	6.745	0.71	2.700	8.930	6.340	0.71	2.900
28	22	10.640	6.278	0.59	2.575	10.260	6.053	0.59	2.775	9.690	5.717	0.59	2.950
30	16	8.455	8.455	1.00	2.400	8.075	8.075	1.00	2.575	7.695	7.695	1.00	2.788
30	18	9.120	8.299	0.91	2.463	8.835	8.040	0.91	2.650	8.265	7.521	0.91	2.850
30	20	9.880	7.805	0.79	2.525	9.500	7.505	0.79	2.700	8.930	7.055	0.79	2.900
30	22	10.640	7.129	0.67	2.575	10.260	6.874	0.67	2.775	9.690	6.492	0.67	2.950
32	16	8.455	8.455	1.00	2.400	8.075	8.075	1.00	2.575	7.695	7.695	1.00	2.788
32	18	9.120	9.029	0.99	2.463	8.835	8.747	0.99	2.650	8.265	8.182	0.99	2.850
32	20	9.880	8.596	0.87	2.525	9.500	8.265	0.87	2.700	8.930	7.769	0.87	2.900
32	22	10.640	7.980	0.75	2.575	10.260	7.695	0.75	2.775	9.690	7.268	0.75	2.950
34	16	8.455	8.455	1.00	2.400	8.075	8.075	1.00	2.575	7.695	7.695	1.00	2.788
34	18	9.120	9.120	1.00	2.463	8.835	8.835	1.00	2.650	8.265	8.265	1.00	2.850
34	20	9.880	9.386	0.95	2.525	9.500	9.025	0.95	2.700	8.930	8.484	0.95	2.900
34	22	10.640	8.831	0.83	2.575	10.260	8.516	0.83	2.775	9.690	8.043	0.83	2.950

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PSA-M125KA / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.673	0.62	3.267	12.000	7.440	0.62	3.451	11.625	7.208	0.62	3.655
20	18	13.250	6.625	0.50	3.328	12.875	6.438	0.50	3.512	12.438	6.219	0.50	3.757
20	20	14.250	5.415	0.38	3.431	13.938	5.296	0.38	3.594	13.563	5.154	0.38	3.839
22	16	12.375	8.663	0.70	3.267	12.000	8.400	0.70	3.451	11.625	8.138	0.70	3.655
22	18	13.250	7.685	0.58	3.328	12.875	7.468	0.58	3.512	12.438	7.214	0.58	3.757
22	20	14.250	6.555	0.46	3.431	13.938	6.411	0.46	3.594	13.563	6.239	0.46	3.839
24	16	12.375	9.653	0.78	3.267	12.000	9.360	0.78	3.451	11.625	9.068	0.78	3.655
24	18	13.250	8.745	0.66	3.328	12.875	8.498	0.66	3.512	12.438	8.209	0.66	3.757
24	20	14.250	7.695	0.54	3.431	13.938	7.527	0.54	3.594	13.563	7.324	0.54	3.839
24	22	15.188	6.379	0.42	3.512	14.875	6.248	0.42	3.716	14.500	6.090	0.42	3.961
26	16	12.375	10.643	0.86	3.267	12.000	10.320	0.86	3.451	11.625	9.998	0.86	3.655
26	18	13.250	9.805	0.74	3.328	12.875	9.528	0.74	3.512	12.438	9.204	0.74	3.757
26	20	14.250	8.835	0.62	3.431	13.938	8.642	0.62	3.594	13.563	8.409	0.62	3.839
26	22	15.188	7.594	0.50	3.512	14.875	7.438	0.50	3.716	14.500	7.250	0.50	3.961
27	16	12.375	11.138	0.90	3.267	12.000	10.800	0.90	3.451	11.625	10.463	0.90	3.655
27	18	13.250	10.335	0.78	3.328	12.875	10.043	0.78	3.512	12.438	9.702	0.78	3.757
27	20	14.250	9.405	0.66	3.431	13.938	9.199	0.66	3.594	13.563	8.952	0.66	3.839
27	22	15.188	8.202	0.54	3.512	14.875	8.033	0.54	3.716	14.500	7.830	0.54	3.961
28	16	12.375	11.633	0.94	3.267	12.000	11.280	0.94	3.451	11.625	10.928	0.94	3.655
28	18	13.250	10.865	0.82	3.328	12.875	10.558	0.82	3.512	12.438	10.199	0.82	3.757
28	20	14.250	9.975	0.70	3.431	13.938	9.757	0.70	3.594	13.563	9.494	0.70	3.839
28	22	15.188	8.809	0.58	3.512	14.875	8.628	0.58	3.716	14.500	8.410	0.58	3.961
30	16	12.375	12.375	1.00	3.267	12.000	12.000	1.00	3.451	11.625	11.625	1.00	3.655
30	18	13.250	11.925	0.90	3.328	12.875	11.588	0.90	3.512	12.438	11.194	0.90	3.757
30	20	14.250	11.115	0.78	3.431	13.938	10.872	0.78	3.594	13.563	10.579	0.78	3.839
30	22	15.188	10.024	0.66	3.512	14.875	9.818	0.66	3.716	14.500	9.570	0.66	3.961
32	16	12.375	12.375	1.00	3.267	12.000	12.000	1.00	3.451	11.625	11.625	1.00	3.655
32	18	13.250	12.985	0.98	3.328	12.875	12.618	0.98	3.512	12.438	12.189	0.98	3.757
32	20	14.250	12.255	0.86	3.431	13.938	11.987	0.86	3.594	13.563	11.664	0.86	3.839
32	22	15.188	11.239	0.74	3.512	14.875	11.008	0.74	3.716	14.500	10.730	0.74	3.961
34	16	12.375	12.375	1.00	3.267	12.000	12.000	1.00	3.451	11.625	11.625	1.00	3.655
34	18	13.250	13.250	1.00	3.328	12.875	12.875	1.00	3.512	12.438	12.438	1.00	3.757
34	20	14.250	13.395	0.94	3.431	13.938	13.102	0.94	3.594	13.563	12.749	0.94	3.839
34	22	15.188	12.454	0.82	3.512	14.875	12.198	0.82	3.716	14.500	11.890	0.82	3.961

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.898	0.62	3.921	10.625	6.588	0.62	4.207	10.125	6.278	0.62	4.554
20	18	12.000	6.000	0.50	4.023	11.625	5.813	0.50	4.329	10.875	5.438	0.50	4.656
20	20	13.000	4.940	0.38	4.125	12.500	4.750	0.38	4.411	11.750	4.465	0.38	4.737
22	16	11.125	7.788	0.70	3.921	10.625	7.438	0.70	4.207	10.125	7.088	0.70	4.554
22	18	12.000	6.960	0.58	4.023	11.625	6.743	0.58	4.329	10.875	6.308	0.58	4.656
22	20	13.000	5.980	0.46	4.125	12.500	5.750	0.46	4.411	11.750	5.405	0.46	4.737
24	16	11.125	8.678	0.78	3.921	10.625	8.288	0.78	4.207	10.125	7.898	0.78	4.554
24	18	12.000	7.920	0.66	4.023	11.625	7.673	0.66	4.329	10.875	7.178	0.66	4.656
24	20	13.000	7.020	0.54	4.125	12.500	6.750	0.54	4.411	11.750	6.345	0.54	4.737
24	22	14.000	5.880	0.42	4.207	13.500	5.670	0.42	4.533	12.750	5.355	0.42	4.819
26	16	11.125	9.568	0.86	3.921	10.625	9.138	0.86	4.207	10.125	8.708	0.86	4.554
26	18	12.000	8.880	0.74	4.023	11.625	8.603	0.74	4.329	10.875	8.048	0.74	4.656
26	20	13.000	8.060	0.62	4.125	12.500	7.750	0.62	4.411	11.750	7.285	0.62	4.737
26	22	14.000	7.000	0.50	4.207	13.500	6.750	0.50	4.533	12.750	6.375	0.50	4.819
27	16	11.125	10.013	0.90	3.921	10.625	9.563	0.90	4.207	10.125	9.113	0.90	4.554
27	18	12.000	9.360	0.78	4.023	11.625	9.068	0.78	4.329	10.875	8.483	0.78	4.656
27	20	13.000	8.580	0.66	4.125	12.500	8.250	0.66	4.411	11.750	7.755	0.66	4.737
27	22	14.000	7.560	0.54	4.207	13.500	7.290	0.54	4.533	12.750	6.885	0.54	4.819
28	16	11.125	10.458	0.94	3.921	10.625	9.988	0.94	4.207	10.125	9.518	0.94	4.554
28	18	12.000	9.840	0.82	4.023	11.625	9.533	0.82	4.329	10.875	8.918	0.82	4.656
28	20	13.000	9.100	0.70	4.125	12.500	8.750	0.70	4.411	11.750	8.225	0.70	4.737
28	22	14.000	8.120	0.58	4.207	13.500	7.830	0.58	4.533	12.750	7.395	0.58	4.819
30	16	11.125	11.125	1.00	3.921	10.625	10.625	1.00	4.207	10.125	10.125	1.00	4.554
30	18	12.000	10.800	0.90	4.023	11.625	10.463	0.90	4.329	10.875	9.788	0.90	4.656
30	20	13.000	10.140	0.78	4.125	12.500	9.750	0.78	4.411	11.750	9.165	0.78	4.737
30	22	14.000	9.240	0.66	4.207	13.500	8.910	0.66	4.533	12.750	8.415	0.66	4.819
32	16	11.125	11.125	1.00	3.921	10.625	10.625	1.00	4.207	10.125	10.125	1.00	4.554
32	18	12.000	11.760	0.98	4.023	11.625	11.393	0.98	4.329	10.875	10.658	0.98	4.656
32	20	13.000	11.180	0.86	4.125	12.500	10.750	0.86	4.411	11.750	10.105	0.86	4.737
32	22	14.000	10.360	0.74	4.207	13.500	9.990	0.74	4.533	12.750	9.435	0.74	4.819
34	16	11.125	11.125	1.00	3.921	10.625	10.625	1.00	4.207	10.125	10.125	1.00	4.554
34	18	12.000	12.000	1.00	4.023	11.625	11.625	1.00	4.329	10.875	10.875	1.00	4.656
34	20	13.000	12.220	0.94	4.125	12.500	11.750	0.94	4.411	11.750	11.045	0.94	4.737
34	22	14.000	11.480	0.82	4.207	13.500	11.070	0.82	4.533	12.750	10.455	0.82	4.819

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PSA-M140KA / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.092	0.61	3.248	12.864	7.847	0.61	3.431	12.462	7.602	0.61	3.634
20	18	14.204	6.960	0.49	3.309	13.802	6.763	0.49	3.492	13.333	6.533	0.49	3.735
20	20	15.276	5.652	0.37	3.410	14.941	5.528	0.37	3.573	14.539	5.379	0.37	3.816
22	16	13.266	9.154	0.69	3.248	12.864	8.876	0.69	3.431	12.462	8.599	0.69	3.634
22	18	14.204	8.096	0.57	3.309	13.802	7.867	0.57	3.492	13.333	7.600	0.57	3.735
22	20	15.276	6.874	0.45	3.410	14.941	6.723	0.45	3.573	14.539	6.543	0.45	3.816
24	16	13.266	10.215	0.77	3.248	12.864	9.905	0.77	3.431	12.462	9.596	0.77	3.634
24	18	14.204	9.233	0.65	3.309	13.802	8.971	0.65	3.492	13.333	8.666	0.65	3.735
24	20	15.276	8.096	0.53	3.410	14.941	7.919	0.53	3.573	14.539	7.706	0.53	3.816
24	22	16.281	6.675	0.41	3.492	15.946	6.538	0.41	3.695	15.544	6.373	0.41	3.938
26	16	13.266	11.276	0.85	3.248	12.864	10.934	0.85	3.431	12.462	10.593	0.85	3.634
26	18	14.204	10.369	0.73	3.309	13.802	10.075	0.73	3.492	13.333	9.733	0.73	3.735
26	20	15.276	9.318	0.61	3.410	14.941	9.114	0.61	3.573	14.539	8.869	0.61	3.816
26	22	16.281	7.978	0.49	3.492	15.946	7.814	0.49	3.695	15.544	7.617	0.49	3.938
27	16	13.266	11.807	0.89	3.248	12.864	11.449	0.89	3.431	12.462	11.091	0.89	3.634
27	18	14.204	10.937	0.77	3.309	13.802	10.628	0.77	3.492	13.333	10.266	0.77	3.735
27	20	15.276	9.929	0.65	3.410	14.941	9.712	0.65	3.573	14.539	9.450	0.65	3.816
27	22	16.281	8.629	0.53	3.492	15.946	8.451	0.53	3.695	15.544	8.238	0.53	3.938
28	16	13.266	12.337	0.93	3.248	12.864	11.964	0.93	3.431	12.462	11.590	0.93	3.634
28	18	14.204	11.505	0.81	3.309	13.802	11.180	0.81	3.492	13.333	10.800	0.81	3.735
28	20	15.276	10.540	0.69	3.410	14.941	10.309	0.69	3.573	14.539	10.032	0.69	3.816
28	22	16.281	9.280	0.57	3.492	15.946	9.089	0.57	3.695	15.544	8.860	0.57	3.938
30	16	13.266	13.266	1.00	3.248	12.864	12.864	1.00	3.431	12.462	12.462	1.00	3.634
30	18	14.204	12.642	0.89	3.309	13.802	12.284	0.89	3.492	13.333	11.866	0.89	3.735
30	20	15.276	11.763	0.77	3.410	14.941	11.505	0.77	3.573	14.539	11.195	0.77	3.816
30	22	16.281	10.583	0.65	3.492	15.946	10.365	0.65	3.695	15.544	10.104	0.65	3.938
32	16	13.266	13.266	1.00	3.248	12.864	12.864	1.00	3.431	12.462	12.462	1.00	3.634
32	18	14.204	13.778	0.97	3.309	13.802	13.388	0.97	3.492	13.333	12.933	0.97	3.735
32	20	15.276	12.985	0.85	3.410	14.941	12.700	0.85	3.573	14.539	12.358	0.85	3.816
32	22	16.281	11.885	0.73	3.492	15.946	11.641	0.73	3.695	15.544	11.347	0.73	3.938
34	16	13.266	13.266	1.00	3.248	12.864	12.864	1.00	3.431	12.462	12.462	1.00	3.634
34	18	14.204	14.204	1.00	3.309	13.802	13.802	1.00	3.492	13.333	13.333	1.00	3.735
34	20	15.276	14.207	0.93	3.410	14.941	13.895	0.93	3.573	14.539	13.521	0.93	3.816
34	22	16.281	13.188	0.81	3.492	15.946	12.916	0.81	3.695	15.544	12.591	0.81	3.938

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.275	0.61	3.898	11.390	6.948	0.61	4.182	10.854	6.621	0.61	4.527
20	18	12.864	6.303	0.49	3.999	12.462	6.106	0.49	4.304	11.658	5.712	0.49	4.628
20	20	13.936	5.156	0.37	4.101	13.400	4.958	0.37	4.385	12.596	4.661	0.37	4.710
22	16	11.926	8.229	0.69	3.898	11.390	7.859	0.69	4.182	10.854	7.489	0.69	4.527
22	18	12.864	7.332	0.57	3.999	12.462	7.103	0.57	4.304	11.658	6.645	0.57	4.628
22	20	13.936	6.271	0.45	4.101	13.400	6.030	0.45	4.385	12.596	5.668	0.45	4.710
24	16	11.926	9.183	0.77	3.898	11.390	8.770	0.77	4.182	10.854	8.358	0.77	4.527
24	18	12.864	8.362	0.65	3.999	12.462	8.100	0.65	4.304	11.658	7.578	0.65	4.628
24	20	13.936	7.386	0.53	4.101	13.400	7.102	0.53	4.385	12.596	6.676	0.53	4.710
24	22	15.008	6.153	0.41	4.182	14.472	5.934	0.41	4.507	13.668	5.604	0.41	4.791
26	16	11.926	10.137	0.85	3.898	11.390	9.682	0.85	4.182	10.854	9.226	0.85	4.527
26	18	12.864	9.391	0.73	3.999	12.462	9.097	0.73	4.304	11.658	8.510	0.73	4.628
26	20	13.936	8.501	0.61	4.101	13.400	8.174	0.61	4.385	12.596	7.684	0.61	4.710
26	22	15.008	7.354	0.49	4.182	14.472	7.091	0.49	4.507	13.668	6.697	0.49	4.791
27	16	11.926	10.614	0.89	3.898	11.390	10.137	0.89	4.182	10.854	9.660	0.89	4.527
27	18	12.864	9.905	0.77	3.999	12.462	9.596	0.77	4.304	11.658	8.977	0.77	4.628
27	20	13.936	9.058	0.65	4.101	13.400	8.710	0.65	4.385	12.596	8.187	0.65	4.710
27	22	15.008	7.954	0.53	4.182	14.472	7.670	0.53	4.507	13.668	7.244	0.53	4.791
28	16	11.926	11.091	0.93	3.898	11.390	10.593	0.93	4.182	10.854	10.094	0.93	4.527
28	18	12.864	10.420	0.81	3.999	12.462	10.094	0.81	4.304	11.658	9.443	0.81	4.628
28	20	13.936	9.616	0.69	4.101	13.400	9.246	0.69	4.385	12.596	8.691	0.69	4.710
28	22	15.008	8.555	0.57	4.182	14.472	8.249	0.57	4.507	13.668	7.791	0.57	4.791
30	16	11.926	11.926	1.00	3.898	11.390	11.390	1.00	4.182	10.854	10.854	1.00	4.527
30	18	12.864	11.449	0.89	3.999	12.462	11.091	0.89	4.304	11.658	10.376	0.89	4.628
30	20	13.936	10.731	0.77	4.101	13.400	10.318	0.77	4.385	12.596	9.699	0.77	4.710
30	22	15.008	9.755	0.65	4.182	14.472	9.407	0.65	4.507	13.668	8.884	0.65	4.791
32	16	11.926	11.926	1.00	3.898	11.390	11.390	1.00	4.182	10.854	10.854	1.00	4.527
32	18	12.864	12.478	0.97	3.999	12.462	12.088	0.97	4.304	11.658	11.308	0.97	4.628
32	20	13.936	11.846	0.85	4.101	13.400	11.390	0.85	4.385	12.596	10.707	0.85	4.710
32	22	15.008	10.956	0.73	4.182	14.472	10.565	0.73	4.507	13.668	9.978	0.73	4.791
34	16	11.926	11.926	1.00	3.898	11.390	11.390	1.00	4.182	10.854	10.854	1.00	4.527
34	18	12.864	12.864	1.00	3.999	12.462	12.462	1.00	4.304	11.658	11.658	1.00	4.628
34	20	13.936	12.960	0.93	4.101	13.400	12.462	0.93	4.385	12.596	11.714	0.93	4.710
34	22	15.008	12.156	0.81	4.182	14.472	11.722	0.81	4.507	13.668	11.071	0.81	4.791

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

PSA-M71KA / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.569	0.65	1.721	6.816	4.430	0.65	1.818	6.603	4.292	0.65	1.925
20	18	7.526	3.989	0.53	1.753	7.313	3.876	0.53	1.850	7.065	3.744	0.53	1.979
20	20	8.094	3.319	0.41	1.807	7.917	3.246	0.41	1.893	7.704	3.159	0.41	2.022
22	16	7.029	5.131	0.73	1.721	6.816	4.976	0.73	1.818	6.603	4.820	0.73	1.925
22	18	7.526	4.591	0.61	1.753	7.313	4.461	0.61	1.850	7.065	4.310	0.61	1.979
22	20	8.094	3.966	0.49	1.807	7.917	3.879	0.49	1.893	7.704	3.775	0.49	2.022
24	16	7.029	5.693	0.81	1.721	6.816	5.521	0.81	1.818	6.603	5.348	0.81	1.925
24	18	7.526	5.193	0.69	1.753	7.313	5.046	0.69	1.850	7.065	4.875	0.69	1.979
24	20	8.094	4.614	0.57	1.807	7.917	4.513	0.57	1.893	7.704	4.391	0.57	2.022
24	22	8.627	3.882	0.45	1.850	8.449	3.802	0.45	1.957	8.236	3.706	0.45	2.086
26	16	7.029	6.256	0.89	1.721	6.816	6.066	0.89	1.818	6.603	5.877	0.89	1.925
26	18	7.526	5.795	0.77	1.753	7.313	5.631	0.77	1.850	7.065	5.440	0.77	1.979
26	20	8.094	5.261	0.65	1.807	7.917	5.146	0.65	1.893	7.704	5.008	0.65	2.022
26	22	8.627	4.572	0.53	1.850	8.449	4.478	0.53	1.957	8.236	4.365	0.53	2.086
27	16	7.029	6.537	0.93	1.721	6.816	6.339	0.93	1.818	6.603	6.141	0.93	1.925
27	18	7.526	6.096	0.81	1.753	7.313	5.924	0.81	1.850	7.065	5.723	0.81	1.979
27	20	8.094	5.585	0.69	1.807	7.917	5.463	0.69	1.893	7.704	5.316	0.69	2.022
27	22	8.627	4.917	0.57	1.850	8.449	4.816	0.57	1.957	8.236	4.695	0.57	2.086
28	16	7.029	6.818	0.97	1.721	6.816	6.612	0.97	1.818	6.603	6.405	0.97	1.925
28	18	7.526	6.397	0.85	1.753	7.313	6.216	0.85	1.850	7.065	6.005	0.85	1.979
28	20	8.094	5.909	0.73	1.807	7.917	5.779	0.73	1.893	7.704	5.624	0.73	2.022
28	22	8.627	5.262	0.61	1.850	8.449	5.154	0.61	1.957	8.236	5.024	0.61	2.086
30	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
30	18	7.526	6.999	0.93	1.753	7.313	6.801	0.93	1.850	7.065	6.570	0.93	1.979
30	20	8.094	6.556	0.81	1.807	7.917	6.413	0.81	1.893	7.704	6.240	0.81	2.022
30	22	8.627	5.953	0.69	1.850	8.449	5.830	0.69	1.957	8.236	5.683	0.69	2.086
32	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
32	18	7.526	7.526	1.00	1.753	7.313	7.313	1.00	1.850	7.065	7.065	1.00	1.979
32	20	8.094	7.204	0.89	1.807	7.917	7.046	0.89	1.893	7.704	6.857	0.89	2.022
32	22	8.627	6.643	0.77	1.850	8.449	6.506	0.77	1.957	8.236	6.342	0.77	2.086
34	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
34	18	7.526	7.526	1.00	1.753	7.313	7.313	1.00	1.850	7.065	7.065	1.00	1.979
34	20	8.094	7.851	0.97	1.807	7.917	7.679	0.97	1.893	7.704	7.473	0.97	2.022
34	22	8.627	7.333	0.85	1.850	8.449	7.182	0.85	1.957	8.236	7.001	0.85	2.086

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.107	0.65	2.065	6.035	3.923	0.65	2.216	5.751	3.738	0.65	2.398
20	18	6.816	3.612	0.53	2.119	6.603	3.500	0.53	2.280	6.177	3.274	0.53	2.452
20	20	7.384	3.027	0.41	2.173	7.100	2.911	0.41	2.323	6.674	2.736	0.41	2.495
22	16	6.319	4.613	0.73	2.065	6.035	4.406	0.73	2.216	5.751	4.198	0.73	2.398
22	18	6.816	4.158	0.61	2.119	6.603	4.028	0.61	2.280	6.177	3.768	0.61	2.452
22	20	7.384	3.618	0.49	2.173	7.100	3.479	0.49	2.323	6.674	3.270	0.49	2.495
24	16	6.319	5.118	0.81	2.065	6.035	4.888	0.81	2.216	5.751	4.658	0.81	2.398
24	18	6.816	4.703	0.69	2.119	6.603	4.566	0.69	2.280	6.177	4.262	0.69	2.452
24	20	7.384	4.209	0.57	2.173	7.100	4.047	0.57	2.323	6.674	3.804	0.57	2.495
24	22	7.952	3.578	0.45	2.216	7.668	3.451	0.45	2.388	7.242	3.259	0.45	2.538
26	16	6.319	5.624	0.89	2.065	6.035	5.371	0.89	2.216	5.751	5.118	0.89	2.398
26	18	6.816	5.248	0.77	2.119	6.603	5.084	0.77	2.280	6.177	4.756	0.77	2.452
26	20	7.384	4.800	0.65	2.173	7.100	4.615	0.65	2.323	6.674	4.338	0.65	2.495
26	22	7.952	4.215	0.53	2.216	7.668	4.064	0.53	2.388	7.242	3.838	0.53	2.538
27	16	6.319	5.877	0.93	2.065	6.035	5.613	0.93	2.216	5.751	5.348	0.93	2.398
27	18	6.816	5.521	0.81	2.119	6.603	5.348	0.81	2.280	6.177	5.003	0.81	2.452
27	20	7.384	5.095	0.69	2.173	7.100	4.899	0.69	2.323	6.674	4.605	0.69	2.495
27	22	7.952	4.533	0.57	2.216	7.668	4.371	0.57	2.388	7.242	4.128	0.57	2.538
28	16	6.319	6.129	0.97	2.065	6.035	5.854	0.97	2.216	5.751	5.578	0.97	2.398
28	18	6.816	5.794	0.85	2.119	6.603	5.613	0.85	2.280	6.177	5.250	0.85	2.452
28	20	7.384	5.390	0.73	2.173	7.100	5.183	0.73	2.323	6.674	4.872	0.73	2.495
28	22	7.952	4.851	0.61	2.216	7.668	4.677	0.61	2.388	7.242	4.418	0.61	2.538
30	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
30	18	6.816	6.339	0.93	2.119	6.603	6.141	0.93	2.280	6.177	5.745	0.93	2.452
30	20	7.384	5.981	0.81	2.173	7.100	5.751	0.81	2.323	6.674	5.406	0.81	2.495
30	22	7.952	5.487	0.69	2.216	7.668	5.291	0.69	2.388	7.242	4.997	0.69	2.538
32	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
32	18	6.816	6.816	1.00	2.119	6.603	6.603	1.00	2.280	6.177	6.177	1.00	2.452
32	20	7.384	6.572	0.89	2.173	7.100	6.319	0.89	2.323	6.674	5.940	0.89	2.495
32	22	7.952	6.123	0.77	2.216	7.668	5.904	0.77	2.388	7.242	5.576	0.77	2.538
34	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
34	18	6.816	6.816	1.00	2.119	6.603	6.603	1.00	2.280	6.177	6.177	1.00	2.452
34	20	7.384	7.162	0.97	2.173	7.100	6.887	0.97	2.323	6.674	6.474	0.97	2.495
34	22	7.952	6.759	0.85	2.216	7.668	6.518	0.85	2.388	7.242	6.156	0.85	2.538

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PSA-M100KA / PUHZ-P100VKA PUHZ-P100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	5.863	0.63	2.498	9.024	5.685	0.63	2.638	8.742	5.507	0.63	2.794
20	18	9.964	5.082	0.51	2.544	9.682	4.938	0.51	2.685	9.353	4.770	0.51	2.872
20	20	10.716	4.179	0.39	2.622	10.481	4.088	0.39	2.747	10.199	3.978	0.39	2.935
22	16	9.306	6.607	0.71	2.498	9.024	6.407	0.71	2.638	8.742	6.207	0.71	2.794
22	18	9.964	5.879	0.59	2.544	9.682	5.712	0.59	2.685	9.353	5.518	0.59	2.872
22	20	10.716	5.037	0.47	2.622	10.481	4.926	0.47	2.747	10.199	4.794	0.47	2.935
24	16	9.306	7.352	0.79	2.498	9.024	7.129	0.79	2.638	8.742	6.906	0.79	2.794
24	18	9.964	6.676	0.67	2.544	9.682	6.487	0.67	2.685	9.353	6.267	0.67	2.872
24	20	10.716	5.894	0.55	2.622	10.481	5.765	0.55	2.747	10.199	5.609	0.55	2.935
24	22	11.421	4.911	0.43	2.685	11.186	4.810	0.43	2.841	10.904	4.689	0.43	3.028
26	16	9.306	8.096	0.87	2.498	9.024	7.851	0.87	2.638	8.742	7.606	0.87	2.794
26	18	9.964	7.473	0.75	2.544	9.682	7.262	0.75	2.685	9.353	7.015	0.75	2.872
26	20	10.716	6.751	0.63	2.622	10.481	6.603	0.63	2.747	10.199	6.425	0.63	2.935
26	22	11.421	5.825	0.51	2.685	11.186	5.705	0.51	2.841	10.904	5.561	0.51	3.028
27	16	9.306	8.468	0.91	2.498	9.024	8.212	0.91	2.638	8.742	7.955	0.91	2.794
27	18	9.964	7.872	0.79	2.544	9.682	7.649	0.79	2.685	9.353	7.389	0.79	2.872
27	20	10.716	7.180	0.67	2.622	10.481	7.022	0.67	2.747	10.199	6.833	0.67	2.935
27	22	11.421	6.282	0.55	2.685	11.186	6.152	0.55	2.841	10.904	5.997	0.55	3.028
28	16	9.306	8.841	0.95	2.498	9.024	8.573	0.95	2.638	8.742	8.305	0.95	2.794
28	18	9.964	8.270	0.83	2.544	9.682	8.036	0.83	2.685	9.353	7.763	0.83	2.872
28	20	10.716	7.608	0.71	2.622	10.481	7.442	0.71	2.747	10.199	7.241	0.71	2.935
28	22	11.421	6.738	0.59	2.685	11.186	6.600	0.59	2.841	10.904	6.433	0.59	3.028
30	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
30	18	9.964	9.067	0.91	2.544	9.682	8.811	0.91	2.685	9.353	8.511	0.91	2.872
30	20	10.716	8.466	0.79	2.622	10.481	8.280	0.79	2.747	10.199	8.057	0.79	2.935
30	22	11.421	7.652	0.67	2.685	11.186	7.495	0.67	2.841	10.904	7.306	0.67	3.028
32	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
32	18	9.964	9.864	0.99	2.544	9.682	9.585	0.99	2.685	9.353	9.259	0.99	2.872
32	20	10.716	9.323	0.87	2.622	10.481	9.118	0.87	2.747	10.199	8.873	0.87	2.935
32	22	11.421	8.566	0.75	2.685	11.186	8.390	0.75	2.841	10.904	8.178	0.75	3.028
34	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
34	18	9.964	9.964	1.00	2.544	9.682	9.682	1.00	2.685	9.353	9.353	1.00	2.872
34	20	10.716	10.180	0.95	2.622	10.481	9.957	0.95	2.747	10.199	9.689	0.95	2.935
34	22	11.421	9.479	0.83	2.685	11.186	9.284	0.83	2.841	10.904	9.050	0.83	3.028

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.271	0.63	2.997	7.990	5.034	0.63	3.216	7.614	4.797	0.63	3.481
20	18	9.024	4.602	0.51	3.075	8.742	4.458	0.51	3.309	8.178	4.171	0.51	3.559
20	20	9.776	3.813	0.39	3.153	9.400	3.666	0.39	3.372	8.836	3.446	0.39	3.622
22	16	8.366	5.940	0.71	2.997	7.990	5.673	0.71	3.216	7.614	5.406	0.71	3.481
22	18	9.024	5.324	0.59	3.075	8.742	5.158	0.59	3.309	8.178	4.825	0.59	3.559
22	20	9.776	4.595	0.47	3.153	9.400	4.418	0.47	3.372	8.836	4.153	0.47	3.622
24	16	8.366	6.609	0.79	2.997	7.990	6.312	0.79	3.216	7.614	6.015	0.79	3.481
24	18	9.024	6.046	0.67	3.075	8.742	5.857	0.67	3.309	8.178	5.479	0.67	3.559
24	20	9.776	5.377	0.55	3.153	9.400	5.170	0.55	3.372	8.836	4.860	0.55	3.622
24	22	10.528	4.527	0.43	3.216	10.152	4.365	0.43	3.465	9.588	4.123	0.43	3.684
26	16	8.366	7.278	0.87	2.997	7.990	6.951	0.87	3.216	7.614	6.624	0.87	3.481
26	18	9.024	6.768	0.75	3.075	8.742	6.557	0.75	3.309	8.178	6.134	0.75	3.559
26	20	9.776	6.159	0.63	3.153	9.400	5.922	0.63	3.372	8.836	5.567	0.63	3.622
26	22	10.528	5.369	0.51	3.216	10.152	5.178	0.51	3.465	9.588	4.890	0.51	3.684
27	16	8.366	7.613	0.91	2.997	7.990	7.271	0.91	3.216	7.614	6.929	0.91	3.481
27	18	9.024	7.129	0.79	3.075	8.742	6.906	0.79	3.309	8.178	6.461	0.79	3.559
27	20	9.776	6.550	0.67	3.153	9.400	6.298	0.67	3.372	8.836	5.920	0.67	3.622
27	22	10.528	5.790	0.55	3.216	10.152	5.584	0.55	3.465	9.588	5.273	0.55	3.684
28	16	8.366	7.948	0.95	2.997	7.990	7.591	0.95	3.216	7.614	7.233	0.95	3.481
28	18	9.024	7.490	0.83	3.075	8.742	7.256	0.83	3.309	8.178	6.788	0.83	3.559
28	20	9.776	6.941	0.71	3.153	9.400	6.674	0.71	3.372	8.836	6.274	0.71	3.622
28	22	10.528	6.212	0.59	3.216	10.152	5.990	0.59	3.465	9.588	5.657	0.59	3.684
30	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
30	18	9.024	8.212	0.91	3.075	8.742	7.955	0.91	3.309	8.178	7.442	0.91	3.559
30	20	9.776	7.723	0.79	3.153	9.400	7.426	0.79	3.372	8.836	6.980	0.79	3.622
30	22	10.528	7.054	0.67	3.216	10.152	6.802	0.67	3.465	9.588	6.424	0.67	3.684
32	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
32	18	9.024	8.934	0.99	3.075	8.742	8.655	0.99	3.309	8.178	8.096	0.99	3.559
32	20	9.776	8.505	0.87	3.153	9.400	8.178	0.87	3.372	8.836	7.687	0.87	3.622
32	22	10.528	7.896	0.75	3.216	10.152	7.614	0.75	3.465	9.588	7.191	0.75	3.684
34	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
34	18	9.024	9.024	1.00	3.075	8.742	8.742	1.00	3.309	8.178	8.178	1.00	3.559
34	20	9.776	9.287	0.95	3.153	9.400	8.930	0.95	3.372	8.836	8.394	0.95	3.622
34	22	10.528	8.738	0.83	3.216	10.152	8.426	0.83	3.465	9.588	7.958	0.83	3.684

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PSA-M125KA / PUHZ-P125VKA PUHZ-P125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.427	0.62	4.016	11.616	7.202	0.62	4.242	11.253	6.977	0.62	4.493
20	18	12.826	6.413	0.50	4.091	12.463	6.232	0.50	4.317	12.040	6.020	0.50	4.618
20	20	13.794	5.242	0.38	4.217	13.492	5.127	0.38	4.418	13.129	4.989	0.38	4.719
22	16	11.979	8.385	0.70	4.016	11.616	8.131	0.70	4.242	11.253	7.877	0.70	4.493
22	18	12.826	7.439	0.58	4.091	12.463	7.229	0.58	4.317	12.040	6.983	0.58	4.618
22	20	13.794	6.345	0.46	4.217	13.492	6.206	0.46	4.418	13.129	6.039	0.46	4.719
24	16	11.979	9.344	0.78	4.016	11.616	9.060	0.78	4.242	11.253	8.777	0.78	4.493
24	18	12.826	8.465	0.66	4.091	12.463	8.226	0.66	4.317	12.040	7.946	0.66	4.618
24	20	13.794	7.449	0.54	4.217	13.492	7.286	0.54	4.418	13.129	7.090	0.54	4.719
24	22	14.702	6.175	0.42	4.317	14.399	6.048	0.42	4.568	14.036	5.895	0.42	4.869
26	16	11.979	10.302	0.86	4.016	11.616	9.990	0.86	4.242	11.253	9.678	0.86	4.493
26	18	12.826	9.491	0.74	4.091	12.463	9.223	0.74	4.317	12.040	8.910	0.74	4.618
26	20	13.794	8.552	0.62	4.217	13.492	8.365	0.62	4.418	13.129	8.140	0.62	4.719
26	22	14.702	7.351	0.50	4.317	14.399	7.200	0.50	4.568	14.036	7.018	0.50	4.869
27	16	11.979	10.781	0.90	4.016	11.616	10.454	0.90	4.242	11.253	10.128	0.90	4.493
27	18	12.826	10.004	0.78	4.091	12.463	9.721	0.78	4.317	12.040	9.391	0.78	4.618
27	20	13.794	9.104	0.66	4.217	13.492	8.905	0.66	4.418	13.129	8.665	0.66	4.719
27	22	14.702	7.939	0.54	4.317	14.399	7.775	0.54	4.568	14.036	7.579	0.54	4.869
28	16	11.979	11.260	0.94	4.016	11.616	10.919	0.94	4.242	11.253	10.578	0.94	4.493
28	18	12.826	10.517	0.82	4.091	12.463	10.220	0.82	4.317	12.040	9.873	0.82	4.618
28	20	13.794	9.656	0.70	4.217	13.492	9.444	0.70	4.418	13.129	9.190	0.70	4.719
28	22	14.702	8.527	0.58	4.317	14.399	8.351	0.58	4.568	14.036	8.141	0.58	4.869
30	16	11.979	11.979	1.00	4.016	11.616	11.616	1.00	4.242	11.253	11.253	1.00	4.493
30	18	12.826	11.543	0.90	4.091	12.463	11.217	0.90	4.317	12.040	10.836	0.90	4.618
30	20	13.794	10.759	0.78	4.217	13.492	10.524	0.78	4.418	13.129	10.241	0.78	4.719
30	22	14.702	9.703	0.66	4.317	14.399	9.503	0.66	4.568	14.036	9.264	0.66	4.869
32	16	11.979	11.979	1.00	4.016	11.616	11.616	1.00	4.242	11.253	11.253	1.00	4.493
32	18	12.826	12.569	0.98	4.091	12.463	12.214	0.98	4.317	12.040	11.799	0.98	4.618
32	20	13.794	11.863	0.86	4.217	13.492	11.603	0.86	4.418	13.129	11.291	0.86	4.719
32	22	14.702	10.879	0.74	4.317	14.399	10.655	0.74	4.568	14.036	10.387	0.74	4.869
34	16	11.979	11.979	1.00	4.016	11.616	11.616	1.00	4.242	11.253	11.253	1.00	4.493
34	18	12.826	12.826	1.00	4.091	12.463	12.463	1.00	4.317	12.040	12.040	1.00	4.618
34	20	13.794	12.966	0.94	4.217	13.492	12.682	0.94	4.418	13.129	12.341	0.94	4.719
34	22	14.702	12.056	0.82	4.317	14.399	11.807	0.82	4.568	14.036	11.510	0.82	4.869

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.677	0.62	4.819	10.285	6.377	0.62	5.171	9.801	6.077	0.62	5.597
20	18	11.616	5.808	0.50	4.945	11.253	5.627	0.50	5.321	10.527	5.264	0.50	5.723
20	20	12.584	4.782	0.38	5.070	12.100	4.598	0.38	5.422	11.374	4.322	0.38	5.823
22	16	10.769	7.538	0.70	4.819	10.285	7.200	0.70	5.171	9.801	6.861	0.70	5.597
22	18	11.616	6.737	0.58	4.945	11.253	6.527	0.58	5.321	10.527	6.106	0.58	5.723
22	20	12.584	5.789	0.46	5.070	12.100	5.566	0.46	5.422	11.374	5.232	0.46	5.823
24	16	10.769	8.400	0.78	4.819	10.285	8.022	0.78	5.171	9.801	7.645	0.78	5.597
24	18	11.616	7.667	0.66	4.945	11.253	7.427	0.66	5.321	10.527	6.948	0.66	5.723
24	20	12.584	6.795	0.54	5.070	12.100	6.534	0.54	5.422	11.374	6.142	0.54	5.823
24	22	13.552	5.692	0.42	5.171	13.068	5.489	0.42	5.572	12.342	5.184	0.42	5.924
26	16	10.769	9.261	0.86	4.819	10.285	8.845	0.86	5.171	9.801	8.429	0.86	5.597
26	18	11.616	8.596	0.74	4.945	11.253	8.327	0.74	5.321	10.527	7.790	0.74	5.723
26	20	12.584	7.802	0.62	5.070	12.100	7.502	0.62	5.422	11.374	7.052	0.62	5.823
26	22	13.552	6.776	0.50	5.171	13.068	6.534	0.50	5.572	12.342	6.171	0.50	5.924
27	16	10.769	9.692	0.90	4.819	10.285	9.257	0.90	5.171	9.801	8.821	0.90	5.597
27	18	11.616	9.060	0.78	4.945	11.253	8.777	0.78	5.321	10.527	8.211	0.78	5.723
27	20	12.584	8.305	0.66	5.070	12.100	7.986	0.66	5.422	11.374	7.507	0.66	5.823
27	22	13.552	7.318	0.54	5.171	13.068	7.057	0.54	5.572	12.342	6.665	0.54	5.924
28	16	10.769	10.123	0.94	4.819	10.285	9.668	0.94	5.171	9.801	9.213	0.94	5.597
28	18	11.616	9.525	0.82	4.945	11.253	9.227	0.82	5.321	10.527	8.632	0.82	5.723
28	20	12.584	8.809	0.70	5.070	12.100	8.470	0.70	5.422	11.374	7.962	0.70	5.823
28	22	13.552	7.860	0.58	5.171	13.068	7.579	0.58	5.572	12.342	7.158	0.58	5.924
30	16	10.769	10.769	1.00	4.819	10.285	10.285	1.00	5.171	9.801	9.801	1.00	5.597
30	18	11.616	10.454	0.90	4.945	11.253	10.128	0.90	5.321	10.527	9.474	0.90	5.723
30	20	12.584	9.816	0.78	5.070	12.100	9.438	0.78	5.422	11.374	8.872	0.78	5.823
30	22	13.552	8.944	0.66	5.171	13.068	8.625	0.66	5.572	12.342	8.146	0.66	5.924
32	16	10.769	10.769	1.00	4.819	10.285	10.285	1.00	5.171	9.801	9.801	1.00	5.597
32	18	11.616	11.384	0.98	4.945	11.253	11.028	0.98	5.321	10.527	10.316	0.98	5.723
32	20	12.584	10.822	0.86	5.070	12.100	10.406	0.86	5.422	11.374	9.782	0.86	5.823
32	22	13.552	10.028	0.74	5.171	13.068	9.670	0.74	5.572	12.342	9.133	0.74	5.924
34	16	10.769	10.769	1.00	4.819	10.285	10.285	1.00	5.171	9.801	9.801	1.00	5.597
34	18	11.616	11.616	1.00	4.945	11.253	11.253	1.00	5.321	10.527	10.527	1.00	5.723
34	20	12.584	11.829	0.94	5.070	12.100	11.374	0.94	5.422	11.374	10.692	0.94	5.823
34	22	13.552	11.113	0.82	5.171	13.068	10.716	0.82	5.572	12.342	10.120	0.82	5.924

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PSA-M140KA / PUHZ-P140VKA PUHZ-P140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.213	0.61	5.107	13.056	7.964	0.61	5.394	12.648	7.715	0.61	5.714
20	18	14.416	7.064	0.49	5.203	14.008	6.864	0.49	5.490	13.532	6.631	0.49	5.873
20	20	15.504	5.736	0.37	5.363	15.164	5.611	0.37	5.618	14.756	5.460	0.37	6.001
22	16	13.464	9.290	0.69	5.107	13.056	9.009	0.69	5.394	12.648	8.727	0.69	5.714
22	18	14.416	8.217	0.57	5.203	14.008	7.985	0.57	5.490	13.532	7.713	0.57	5.873
22	20	15.504	6.977	0.45	5.363	15.164	6.824	0.45	5.618	14.756	6.640	0.45	6.001
24	16	13.464	10.367	0.77	5.107	13.056	10.053	0.77	5.394	12.648	9.739	0.77	5.714
24	18	14.416	9.370	0.65	5.203	14.008	9.105	0.65	5.490	13.532	8.796	0.65	5.873
24	20	15.504	8.217	0.53	5.363	15.164	8.037	0.53	5.618	14.756	7.821	0.53	6.001
24	22	16.524	6.775	0.41	5.490	16.184	6.635	0.41	5.809	15.776	6.468	0.41	6.192
26	16	13.464	11.444	0.85	5.107	13.056	11.098	0.85	5.394	12.648	10.751	0.85	5.714
26	18	14.416	10.524	0.73	5.203	14.008	10.226	0.73	5.490	13.532	9.878	0.73	5.873
26	20	15.504	9.457	0.61	5.363	15.164	9.250	0.61	5.618	14.756	9.001	0.61	6.001
26	22	16.524	8.097	0.49	5.490	16.184	7.930	0.49	5.809	15.776	7.730	0.49	6.192
27	16	13.464	11.983	0.89	5.107	13.056	11.620	0.89	5.394	12.648	11.257	0.89	5.714
27	18	14.416	11.100	0.77	5.203	14.008	10.786	0.77	5.490	13.532	10.420	0.77	5.873
27	20	15.504	10.078	0.65	5.363	15.164	9.857	0.65	5.618	14.756	9.591	0.65	6.001
27	22	16.524	8.758	0.53	5.490	16.184	8.578	0.53	5.809	15.776	8.361	0.53	6.192
28	16	13.464	12.522	0.93	5.107	13.056	12.142	0.93	5.394	12.648	11.763	0.93	5.714
28	18	14.416	11.677	0.81	5.203	14.008	11.346	0.81	5.490	13.532	10.961	0.81	5.873
28	20	15.504	10.698	0.69	5.363	15.164	10.463	0.69	5.618	14.756	10.182	0.69	6.001
28	22	16.524	9.419	0.57	5.490	16.184	9.225	0.57	5.809	15.776	8.992	0.57	6.192
30	16	13.464	13.464	1.00	5.107	13.056	13.056	1.00	5.394	12.648	12.648	1.00	5.714
30	18	14.416	12.830	0.89	5.203	14.008	12.467	0.89	5.490	13.532	12.043	0.89	5.873
30	20	15.504	11.938	0.77	5.363	15.164	11.676	0.77	5.618	14.756	11.362	0.77	6.001
30	22	16.524	10.741	0.65	5.490	16.184	10.520	0.65	5.809	15.776	10.254	0.65	6.192
32	16	13.464	13.464	1.00	5.107	13.056	13.056	1.00	5.394	12.648	12.648	1.00	5.714
32	18	14.416	13.984	0.97	5.203	14.008	13.588	0.97	5.490	13.532	13.126	0.97	5.873
32	20	15.504	13.178	0.85	5.363	15.164	12.889	0.85	5.618	14.756	12.543	0.85	6.001
32	22	16.524	12.063	0.73	5.490	16.184	11.814	0.73	5.809	15.776	11.516	0.73	6.192
34	16	13.464	13.464	1.00	5.107	13.056	13.056	1.00	5.394	12.648	12.648	1.00	5.714
34	18	14.416	14.416	1.00	5.203	14.008	14.008	1.00	5.490	13.532	13.532	1.00	5.873
34	20	15.504	14.419	0.93	5.363	15.164	14.103	0.93	5.618	14.756	13.723	0.93	6.001
34	22	16.524	13.384	0.81	5.490	16.184	13.109	0.81	5.809	15.776	12.779	0.81	6.192

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.383	0.61	6.129	11.560	7.052	0.61	6.576	11.016	6.720	0.61	7.118
20	18	13.056	6.397	0.49	6.288	12.648	6.198	0.49	6.767	11.832	5.798	0.49	7.278
20	20	14.144	5.233	0.37	6.448	13.600	5.032	0.37	6.895	12.784	4.730	0.37	7.405
22	16	12.104	8.352	0.69	6.129	11.560	7.976	0.69	6.576	11.016	7.601	0.69	7.118
22	18	13.056	7.442	0.57	6.288	12.648	7.209	0.57	6.767	11.832	6.744	0.57	7.278
22	20	14.144	6.365	0.45	6.448	13.600	6.120	0.45	6.895	12.784	5.753	0.45	7.405
24	16	12.104	9.320	0.77	6.129	11.560	8.901	0.77	6.576	11.016	8.482	0.77	7.118
24	18	13.056	8.486	0.65	6.288	12.648	8.221	0.65	6.767	11.832	7.691	0.65	7.278
24	20	14.144	7.496	0.53	6.448	13.600	7.208	0.53	6.895	12.784	6.776	0.53	7.405
24	22	15.232	6.245	0.41	6.576	14.688	6.022	0.41	7.086	13.872	5.688	0.41	7.533
26	16	12.104	10.288	0.85	6.129	11.560	9.826	0.85	6.576	11.016	9.364	0.85	7.118
26	18	13.056	9.531	0.73	6.288	12.648	9.233	0.73	6.767	11.832	8.637	0.73	7.278
26	20	14.144	8.628	0.61	6.448	13.600	8.296	0.61	6.895	12.784	7.798	0.61	7.405
26	22	15.232	7.464	0.49	6.576	14.688	7.197	0.49	7.086	13.872	6.797	0.49	7.533
27	16	12.104	10.773	0.89	6.129	11.560	10.288	0.89	6.576	11.016	9.804	0.89	7.118
27	18	13.056	10.053	0.77	6.288	12.648	9.739	0.77	6.767	11.832	9.111	0.77	7.278
27	20	14.144	9.194	0.65	6.448	13.600	8.840	0.65	6.895	12.784	8.310	0.65	7.405
27	22	15.232	8.073	0.53	6.576	14.688	7.785	0.53	7.086	13.872	7.352	0.53	7.533
28	16	12.104	11.257	0.93	6.129	11.560	10.751	0.93	6.576	11.016	10.245	0.93	7.118
28	18	13.056	10.575	0.81	6.288	12.648	10.245	0.81	6.767	11.832	9.584	0.81	7.278
28	20	14.144	9.759	0.69	6.448	13.600	9.384	0.69	6.895	12.784	8.821	0.69	7.405
28	22	15.232	8.682	0.57	6.576	14.688	8.372	0.57	7.086	13.872	7.907	0.57	7.533
30	16	12.104	12.104	1.00	6.129	11.560	11.560	1.00	6.576	11.016	11.016	1.00	7.118
30	18	13.056	11.620	0.89	6.288	12.648	11.257	0.89	6.767	11.832	10.530	0.89	7.278
30	20	14.144	10.891	0.77	6.448	13.600	10.472	0.77	6.895	12.784	9.844	0.77	7.405
30	22	15.232	9.901	0.65	6.576	14.688	9.547	0.65	7.086	13.872	9.017	0.65	7.533
32	16	12.104	12.104	1.00	6.129	11.560	11.560	1.00	6.576	11.016	11.016	1.00	7.118
32	18	13.056	12.664	0.97	6.288	12.648	12.269	0.97	6.767	11.832	11.477	0.97	7.278
32	20	14.144	12.022	0.85	6.448	13.600	11.560	0.85	6.895	12.784	10.866	0.85	7.405
32	22	15.232	11.119	0.73	6.576	14.688	10.722	0.73	7.086	13.872	10.127	0.73	7.533
34	16	12.104	12.104	1.00	6.129	11.560	11.560	1.00	6.576	11.016	11.016	1.00	7.118
34	18	13.056	13.056	1.00	6.288	12.648	12.648	1.00	6.767	11.832	11.832	1.00	7.278
34	20	14.144	13.154	0.93	6.448	13.600	12.648	0.93	6.895	12.784	11.889	0.93	7.405
34	22	15.232	12.338	0.81	6.576	14.688	11.897	0.81	7.086	13.872	11.236	0.81	7.533

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PSA-M·KA / PUHZ-ZRP·VHA2(3) PUHZ-ZRP·YHA2(3)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.826	1.304	5.244	1.437	5.852	1.658	7.676	1.989	8.664	2.210	9.652	2.387
	20	4.636	1.414	5.016	1.547	5.548	1.790	7.410	2.144	8.360	2.387	9.310	2.564
	25	4.484	1.503	4.864	1.680	5.320	1.945	6.992	2.276	8.056	2.553	8.968	2.751
PSA-M100KA	15	7.112	1.817	7.728	2.002	8.624	2.310	11.312	2.772	12.768	3.080	14.224	3.326
	20	6.832	1.971	7.392	2.156	8.176	2.495	10.920	2.988	12.320	3.326	13.720	3.573
	25	6.608	2.094	7.168	2.341	7.840	2.710	10.304	3.172	11.872	3.557	13.216	3.835
PSA-M125KA	15	8.890	2.503	9.660	2.757	10.780	3.182	14.140	3.818	15.960	4.242	17.780	4.581
	20	8.540	2.715	9.240	2.969	10.220	3.436	13.650	4.115	15.400	4.581	17.150	4.921
	25	8.260	2.885	8.960	3.224	9.800	3.733	12.880	4.369	14.840	4.900	16.520	5.281
PSA-M140KA	15	10.160	2.826	11.040	3.114	12.320	3.593	16.160	4.311	18.240	4.790	20.320	5.173
	20	9.760	3.066	10.560	3.353	11.680	3.880	15.600	4.646	17.600	5.173	19.600	5.556
	25	9.440	3.257	10.240	3.640	11.200	4.215	14.720	4.934	16.960	5.532	18.880	5.964

FLOOR-STANDING PERFORMANCE DATA

HEATING CAPACITY

PSA-M·KA / PUHZ-FRP·HA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	5.080	1.430	5.520	1.576	6.160	1.818	8.080	2.182	9.120	2.424	10.160	2.618
	20	4.880	1.551	5.280	1.697	5.840	1.963	7.800	2.351	8.800	2.618	9.800	2.812
	25	4.720	1.648	5.120	1.842	5.600	2.133	7.360	2.497	8.480	2.800	9.440	3.018

PSA-M·KA / PUHZ-P·VKA PUHZ-P·YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M100KA	15	7.112	1.938	7.728	2.135	8.624	2.463	11.312	2.956	12.768	3.284	14.224	3.547
	20	6.832	2.102	7.392	2.299	8.176	2.660	10.920	3.185	12.320	3.547	13.720	3.809
	25	6.608	2.233	7.168	2.496	7.840	2.890	10.304	3.383	11.872	3.793	13.216	4.089
PSA-M125KA	15	8.573	2.834	9.315	3.123	10.395	3.603	13.635	4.324	15.390	4.804	17.145	5.188
	20	8.235	3.075	8.910	3.363	9.855	3.891	13.163	4.660	14.850	5.188	16.538	5.573
	25	7.965	3.267	8.640	3.651	9.450	4.228	12.420	4.948	14.310	5.549	15.930	5.981
PSA-M140KA	15	9.525	2.846	10.350	3.135	11.550	3.617	15.150	4.341	17.100	4.823	19.050	5.209
	20	9.150	3.087	9.900	3.376	10.950	3.907	14.625	4.678	16.500	5.209	18.375	5.595
	25	8.850	3.280	9.600	3.665	10.500	4.244	13.800	4.968	15.900	5.571	17.700	6.005

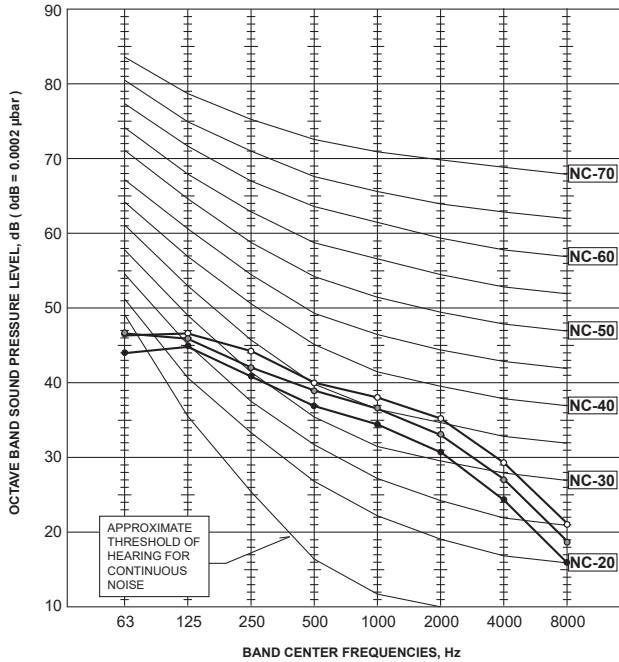
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.5.6 NOISE CRITERIA CURVES

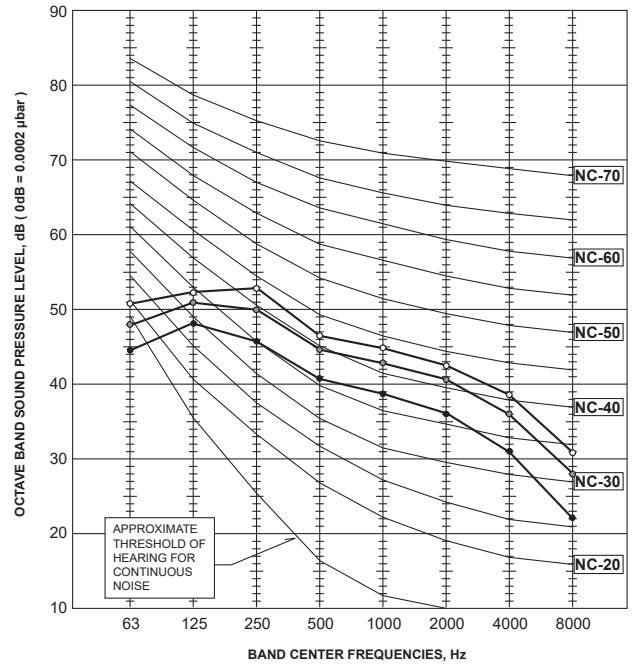
PSA-M71KA

NOTCH	SPL(dB)	LINE
High	44	○—○
Middle	42	●—●
Low	40	●—●



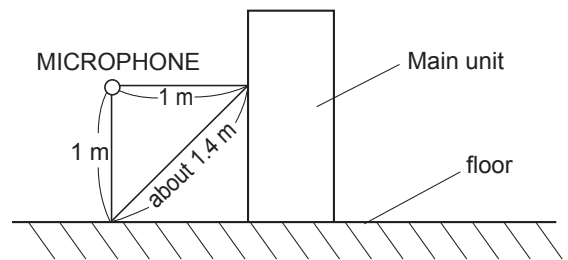
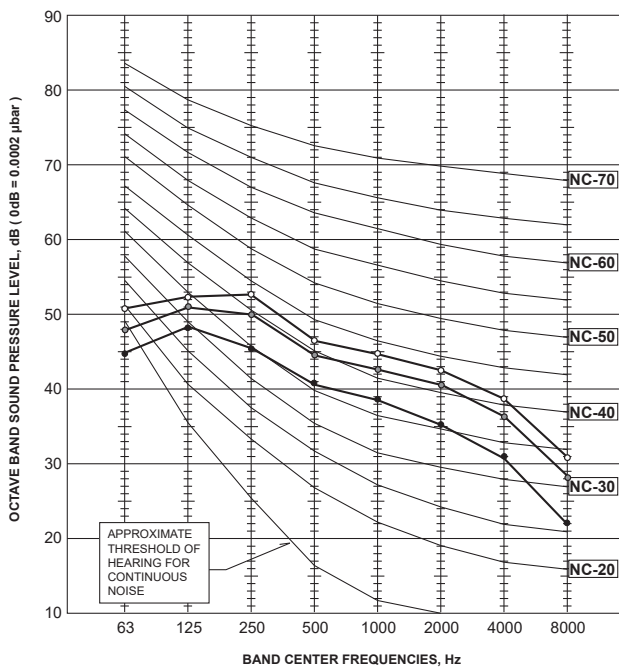
**PSA-M100KA
PSA-M125KA**

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	●—●
Low	45	●—●



PSA-M140KA

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	●—●
Low	45	●—●



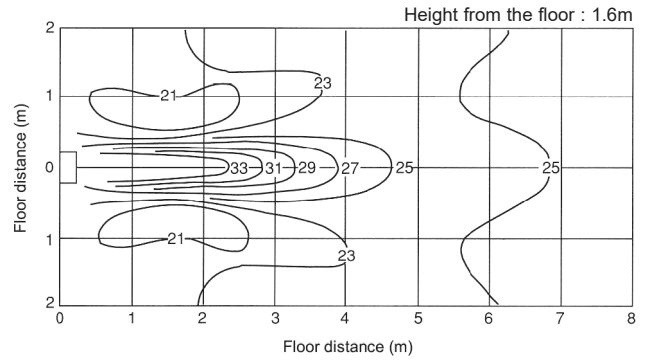
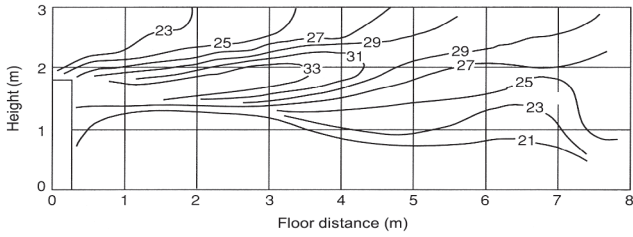
FLOOR-STANDING
NOISE CRITERIA CURVES

A.5.7 TEMPERATURE AND FLOW DISTRIBUTIONS

Temperature distribution

<Heating mode>

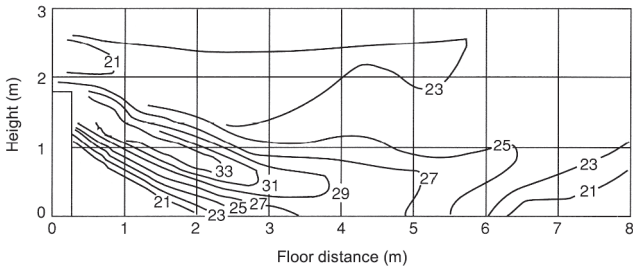
Notch : High Flow angle : 0°



Temperature distribution

<Heating mode>

Notch : High Flow angle : 70°



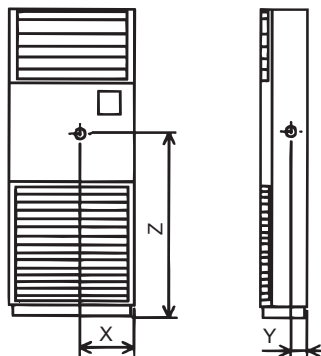
A.5.8 OUTLET AIR SPEED AND COVERAGE RANGE

		PSA-M71KA	PSA-M100KA	PSA-M125KA	PSA-M140KA
Air flow	m ³ /min	24	30	31	31
Air speed	m/sec	3.1	3.7	3.8	3.8
Coverage range	m	10.5	13.1	13.6	13.6

The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.

The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.5.9 CENTER OF GRAVITY POSITION



[Unit: mm]

	X	Y	Z
PSA-M71KA	295	145	960
PSA-M100KA	295	145	960
PSA-M125KA	295	145	960
PSA-M140KA	295	155	1060

FLOOR-STANDING TEMPERATURE AND FLOW DISTRIBUTIONS OUTLET AIR SPEED AND COVERAGE RANGE

A.6 CEILING-CONCEALED (PEAD/PEA)

A.6.1	SPECIFICATIONS	A-284
	A.6.1.1 R32 type.....	A-284
	A.6.1.2 R410A type	A-295
A.6.2	OUTLINES AND DIMENSIONS	A-306
A.6.3	WIRING DIAGRAM.....	A-316
A.6.4	REFRIGERANT SYSTEM DIAGRAM	A-319
A.6.5	PERFORMANCE DATA.....	A-320
	A.6.5.1 R32 type.....	A-320
	A.6.5.2 R410A type	A-355
A.6.6	FAN PERFORMANCE.....	A-389
	A.6.6.1 PEAD-M · JA(L)2 / PEAD-SM · JA(L) / PEAD-SM · JA(L)2.....	A-389
	A.6.6.2 PEA-M · LA2.....	A-396
A.6.7	NOISE CRITERIA CURVES	A-400
A.6.8	CENTER OF GRAVITY POSITION	A-412
	A.6.8.1 PEAD-M · JA(L)2 / PEAD-SM · JA(L) / PEAD-SM · JA(L)2	A-412
	A.6.8.2 PEA-M · LA2.....	A-412

A.6.1 SPECIFICATIONS

A.6.1.1 R32 type

1. Power Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2		
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2		
Refrigerant				R32					
Power Supply			Source	Outdoor power supply					
Out	V	230		230	230	230	230		
		Phase	Single		Single	Single	Single	Single	
			Hz		50	50	50	50	
	In	V	220-240		220-240	220-240	220-240	220-240	
			Phase	Single		Single	Single	Single	Single
				Hz		50	50	50	50
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1		
		Min.	kW	1.6	2.3	2.7	3.3		
		Max.	kW	4.5	5.6	6.7	8.1		
	SHF	Rated		0.85	0.84	0.83	0.80		
	Total Input	Rated	kW	0.837	1.190	1.487	1.775		
	EER			4.30	4.20	4.10	4.00		
	Annual Electricity Consumption		kWh/a	199	273	342	393		
	SEER			6.3	6.4	6.2	6.3		
		Energy efficiency class			A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	
Min.			kW	1.6	2.5	2.8	3.5		
Max.			kW	5.2	7.3	8.2	10.2		
Total Input		Rated	kW	0.911	1.363	1.590	1.904		
COP				4.50	4.40	4.40	4.20		
Annual Electricity Consumption			kWh/a	816	1202	1459	1585		
SCOP				4.1	4.4	4.2	4.3		
		Energy efficiency class			A+	A+	A+	A+	
Operating Current(max)			A	14.2	14.4	20.9	20.9		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09	
		Operating Current (max)		A	1.16	1.35	1.85	1.9	
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732	
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)	
	Air Volume	Lo-Mid-Hi		m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0	
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37	
	Sound Level (PWL)	Cooling			54	58	56	58	
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)	
	Weight			kg	46	46	67	67	
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55	
		Heating	Rated	m ³ /min.	45	45	55	55	
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47	
			Silent	dB(A)	41	41	44	44	
		Heating	Rated	dB(A)	46	46	49	49	
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67	
	Operating Current(max)			A	13	13	19	19	
	Breaker Size			A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52		
		Gas	mm	12.7	12.7	15.88	15.88		
	Max.Length	Out-In	m	50	50	55	55		
	Max. Height	Out-In	m	30	30	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-11	-11	-20	-20	
			Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
Refrigerant		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Power Supply		Source		R32				
Cooling	Out	V		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		220-240	220-240	220-240	220-240	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.261	2.261	3.333	3.333	
	EER			4.20	4.20	3.75	3.75	
	Annual Electricity Consumption		kWh/a	499	510	—	—	
	SEER			6.6	6.5	—	—	
		Energy efficiency class		A++	A++	—	—	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.545	2.545	3.763	3.763	
COP				4.40	4.40	3.72	3.72	
Annual Electricity Consumption			kWh/a	2469	2470	—	—	
SCOP				4.4	4.4	—	—	
		Energy efficiency class		A+	A+	—	—	
Operating Current(max)		A	22.3	10.3	28.8	11.3		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	
		Operating Current (max)	A	2.25	2.25	2.34	2.34	
	Dimensions	H × W × D	mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732	
	Weight		kg	37(36)	37(36)	38(37)	38(37)	
	Air Volume	Lo-Mid-Hi	m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0	
	External Static Pressure		Pa	40-50-70-100-150				
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	31-36-39	31-36-39	34-38-40	34-38-40	
	Sound Level (PWL)	Cooling		62	62	66	66	
Outdoor Unit	Dimensions	H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	105	111	105	114	
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120
		Heating	Rated	m ³ /min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)		A	20	8	26.5	9	
	Breaker Size		A	32	16	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	100	100	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
		Heating	Lower Limit.	°C	-20	-20	-20	
			Upper Limit.	°C	+21	+21	+21	

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M140JA(L)2		PEAD-M140JA(L)2		
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2		
Refrigerant		R32						
Power Supply			Source	Outdoor power supply				
Out	V	230		400				
		Phase		Single		Three		
		Hz		50		50		
	In	V	220-240		220-240			
			Phase		Single		Single	
			Hz		50		50	
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.3		15.3		
	SHF	Rated		0.77		0.77		
	Total Input	Rated	kW	3.701		3.701		
	EER			3.62		3.62		
	Annual Electricity Consumption		kWh/a	-		-		
	SEER			-		-		
			Energy efficiency class	-		-		
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.102		4.102		
COP			3.90		3.90			
Annual Electricity Consumption		kWh/a	-		-			
SCOP			-		-			
		Energy efficiency class	-		-			
Operating Current(max)			A	32.6		14.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.21 / 0.21		0.21 / 0.21	
		Operating Current (max)		A	2.63		2.63	
	Dimensions		H × W × D	mm	250-1600-732		250-1600-732	
	Weight			kg	42(41)		42(41)	
	Air Volume	Lo-Mid-Hi	m ³ /min.	29.5-35.5-40.0		29.5-35.5-40.0		
	External Static Pressure			Pa	40-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40		34-38-40	
		Cooling			66		66	
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	105		118	
	Air Volume	Cooling	Rated	m ³ /min.	120		120	
		Heating	Rated	m ³ /min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling		dB(A)	70		70	
	Operating Current(max)			A	30		11.8	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	100		100		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-20		-20		
		Upper Limit.	°C	+21		+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEA-M200LA2		PEA-M250LA2		
Refrigerant		Outdoor Unit		PUZ-ZM200YKA2		PUZ-ZM250YKA2		
				R32				
Power Supply		Source		Separate power supply				
Cooling	Out	V		400		400		
		Phase		Three		Three		
		Hz		50		50		
	In	V		220-240		220-240		
		Phase		Single		Single		
		Hz		50-60		50-60		
Cooling	Capacity	Rated	kW	19.0		22.0		
		Min.	kW	9.2		9.9		
		Max.	kW	22.4		27.0		
	SHF	Rated		0.80		0.79		
	Total Input	Rated	kW	5.757		7.213		
	EER			3.30		3.05		
	Annual Electricity Consumption		kWh/a	—		—		
	SEER			—		—		
		Energy efficiency class		—		—		
	Heating	Capacity	Rated	kW	22.4		27.0	
Min.			kW	7.1		7.3		
Max.			kW	25.0		31.0		
Total Input		Rated	kW	6.400		7.941		
COP				3.50		3.40		
Annual Electricity Consumption			kWh/a	—		—		
SCOP				—		—		
		Energy efficiency class		—		—		
Operating Current(max)			A	27.3		27.3		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.32 / 0.32		0.48 / 0.48	
		Operating Current (max)		A	4.8		4.8	
	Dimensions		H × W × D	mm	470-1370-1120		470-1370-1120	
	Weight			kg	88		88	
	Air Volume (Lo-Mid-Hi)	Normal airflow mode		m³/min.	42.0-51.0-60.0		50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)	
		High airflow mode		m³/min.	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)		58.0-72.0-84.0(75Pa-150Pa) 50.0-61.0-72.0(200Pa) 42.0-51.0-60.0(250Pa)	
	External Static Pressure			Pa	75-100-150-200-250			
	Sound Level (SPL) Lo-Mid-Hi	75Pa		dB(A)	34.5-39-43		37.5-42-46	
		100Pa			36-40.5-44		38.5-43-47	
		150Pa			38-43-46.5		40-45-49	
200Pa		40-44.5-48.5			41.5-46.5-50.5			
250Pa		41.5-46.5-50.5			41.5-46.5-50.5			
Sound Level (PWL)	Cooling			63-64-64		67-67-68		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	137		138	
	Air Volume	Cooling	Rated	m³/min.	140		140	
		Heating	Rated	m³/min.	140		140	
	Sound Level (SPL)	Cooling	Rated	dB(A)	59		59	
			Silent	dB(A)	—		—	
		Heating	Rated	dB(A)	62		62	
	Sound Level (PWL)	Cooling		dB(A)	77		77	
	Operating Current(max)			A	22.5		22.5	
	Breaker Size			A	32		32	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		12.7		
		Gas	mm	25.4		25.4		
	Max. Length	Out-In	m	100		100		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-20		-20		
		Upper Limit.	°C	+21		+21		

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Standard Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V	Rated		220-240	220-240	220-240	220-240
			Phase		Single	Single	Single	Single
			Hz		50	50	50	50
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	0.8	1.7	1.6	2.2	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.85	0.84	0.83	0.80	
	Total Input	Rated	kW	0.923	1.351	1.694	2.028	
	EER			3.90	3.70	3.60	3.50	
	Annual Electricity Consumption		kWh/a	199	277	345	397	
	SEER			6.3	6.3	6.1	6.2	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.1	1.5	1.6	2.0	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	1.025	1.463	1.842	2.105	
COP				4.00	4.10	3.80	3.80	
Annual Electricity Consumption			kWh/a	884	1417	1558	1973	
SCOP				4.1	4.2	4.1	4.1	
		Energy efficiency class		A+	A+	A+	A+	
Operating Current(max)			A	9.7	14.9	16.7	16.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
		Operating Current (max)		A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m ³ /min.	34.3	45.8	50.1	50.1
		Heating	Rated	m ³ /min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	16	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max.Length	Out-In	m	20	30	30	30	
	Max. Height	Out-In	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

SPECIFICATIONS
CEILING-CONCEALED

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
Refrigerant		Outdoor Unit		PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	
		Min.	kW	4.0	4.0	6.0	6.0	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.878	2.878	4.019	4.019	
	EER			3.30	3.30	3.01	3.01	
Annual Electricity Consumption			kWh/a	538	538	—	—	
SEER				6.1	6.1	—	—	
		Energy efficiency class		A++	A++	—	—	
Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	
		Min.	kW	2.8	2.8	4.1	4.1	
		Max.	kW	12.5	12.5	15.0	15.0	
	Total Input	Rated	kW	2.947	2.947	3.739	3.739	
	COP			3.80	3.80	3.61	3.61	
	Annual Electricity Consumption			kWh/a	2725	2725	—	—
	SCOP				4.1	4.1	—	—
			Energy efficiency class		A+	A+	—	—
Operating Current(max)			A	22.3	13.8	27.8	12.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
		Operating Current (max)	A	2.25	2.25	2.34	2.34	
	Dimensions		H × W × D	mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi	m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0	
	External Static Pressure			Pa	40-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	31-36-39	31-36-39	34-38-40	34-38-40	
	Sound Level (PWL)	Cooling		62	62	66	66	
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86
		Heating	Rated	m ³ /min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	55	55	65	65	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEAD-M140JA(L)2		PEAD-M140JA(L)2			
		Outdoor Unit		PUZ-M140VKA2		PUZ-M140YKA2			
Refrigerant				R32					
Power Supply		Source		Outdoor power supply					
Out		V		230		400			
		Phase		Single		Three			
		Hz		50		50			
		In		V		220-240		220-240	
				Phase		Single		Single	
				Hz		50		50	
Cooling		Capacity		Rated		kW			
				Min.		kW		6.1	
				Max.		kW		14.1	
		SHF		Rated		0.77		0.77	
		Total Input		Rated		kW		4.768	
		EER				2.81		2.81	
		Annual Electricity Consumption		kWh/a		-		-	
		SEER				-		-	
				Energy efficiency class		-		-	
		Heating		Capacity		Rated		kW	
Min.						kW		4.2	
Max.						kW		15.8	
Total Input				Rated		kW		4.155	
COP						3.61		3.61	
Annual Electricity Consumption				kWh/a		-		-	
SCOP						-		-	
				Energy efficiency class		-		-	
Operating Current(max)						A		31.4	
								12.9	
Indoor Unit		Input		Cooling/Heating		Rated			
						kW		0.21 / 0.21	
		Operating Current (max)				A		2.63	
		Dimensions		H × W × D		mm		250-1600-732	
		Weight				kg		42(41)	
		Air Volume		Lo-Mid-Hi		m ³ /min.		29.5-35.5-40.0	
		External Static Pressure				Pa		40-50-70-100-150	
		Sound Level (SPL)		Lo-Mid-Hi		dB(A)		34-38-40	
Sound Level (PWL)		Cooling				66			
						66			
Outdoor Unit		Dimensions		H × W × D		mm			
								981-1050-330(+40)	
		Weight				kg		84	
		Air Volume		Cooling		Rated		m ³ /min.	
								86	
		Sound Level (SPL)		Cooling		Rated		dB(A)	
								55	
		Sound Level (SPL)		Heating		Rated		dB(A)	
								47	
		Sound Level (PWL)		Cooling		Rated		dB(A)	
						55			
		Heating		Rated		dB(A)			
						47			
Sound Level (PWL)		Cooling				dB(A)			
						73			
Operating Current(max)				A		30			
Breaker Size				A		40			
						16			
Ext. Piping		Diameter (*2)		Liquid		mm			
				Gas		mm			
		Max.Length		Out-In		m			
		Max. Height		Out-In		m			
						65			
						30			
Guranteed Operation Range		Out		Cooling (*1)		Lower Limit.			
						Upper Limit.			
		Heating		Lower Limit.		°C			
				Upper Limit.		°C			
						-15			
						+46			
						-15			
						+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEA-M200LA2		PEA-M250LA2		
Refrigerant		Outdoor Unit		PUZ-M200YKA2		PUZ-M250YKA2		
				R32				
Power Supply			Source	Separate power supply				
Cooling	Capacity	Rated	kW	19.0	400			
			Min.	9.2	Three			
			Max.	22.4	50			
	SHF	Rated		0.80	—			
				0.79	—			
Total Input	Rated	kW	6.089	—				
EER				3.12	—			
Annual Electricity Consumption			kWh/a	—	—			
SEER				—	—			
			Energy efficiency class	—	—			
Heating	Capacity	Rated	kW	22.4	27.0			
			Min.	6.8	7.3			
			Max.	25.0	31.0			
	Total Input	Rated	kW	6.588	8.181			
	COP				3.40	3.30		
	Annual Electricity Consumption			kWh/a	—	—		
	SCOP				—	—		
			Energy efficiency class	—	—			
Operating Current(max)				A	27.3	27.3		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.32 / 0.32	0.48 / 0.48		
			Operating Current (max)	A	4.8	4.8		
	Dimensions	H × W × D		mm	470-1370-1120	470-1370-1120		
	Weight			kg	88	88		
	Air Volume (Lo-Mid-Hi)	Normal airflow mode		m ³ /min.	42.0-51.0-60.0	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)		
		High airflow mode		m ³ /min.	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)	58.0-72.0-84.0(75Pa-150Pa) 50.0-61.0-72.0(200Pa) 42.0-51.0-60.0(250Pa)		
	External Static Pressure			Pa	75-100-150-200-250			
	Sound Level (SPL) Lo-Mid-Hi			75Pa	dB(A)	34.5-39-43	37.5-42-46	
				100Pa		36-40.5-44	38.5-43-47	
				150Pa		38-43-46.5	40-45-49	
200Pa				40-44.5-48.5		41.5-46.5-50.5		
250Pa				41.5-46.5-50.5		41.5-46.5-50.5		
Sound Level (PWL)	Cooling				63-64-64	67-67-68		
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)		
	Weight			kg	129	138		
	Air Volume	Cooling	Rated	m ³ /min.	140	140		
		Heating	Rated	m ³ /min.	140	140		
	Sound Level (SPL)	Cooling	Rated	dB(A)	58	59		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	60	62		
	Sound Level (PWL)	Cooling		dB(A)	78	77		
Operating Current(max)			A	22.5	22.5			
Breaker Size			A	32	32			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	12.7			
		Gas	mm	25.4	25.4			
	Max.Length	Out-In		m	70	70		
	Max. Height	Out-In		m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	+21	+21		

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Economy Inverter SERIES

Model Name		Indoor Unit		PEAD-SM35JA(L)	PEAD-SM50JA(L)	PEAD-SM60JA(L)	
		Outdoor Unit		SUZ-SM35VA	SUZ-SM50VA	SUZ-SM60VA	
Refrigerant				R32			
Power Supply			Source	Outdoor power supply			
Cooling	Out			V	230	230	230
				Phase	Single	Single	Single
				Hz	50	50	50
	In			V	220-240	220-240	220-240
				Phase	Single	Single	Single
				Hz	50	50	50
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	
		Min.	kW	0.8	1.7	1.6	
		Max.	kW	3.9	5.6	6.3	
	SHF	Rated		0.85	0.84	0.83	
	Total Input	Rated	kW	1.114	1.547	1.888	
	EER			3.23	3.23	3.23	
	Annual Electricity Consumption		kWh/a	209	291	366	
	SEER			6.0	6.0	5.8	
			Energy efficiency class		A+	A+	A+
	Heating	Capacity	Rated	kW	4.1	6.0	7.0
Min.			kW	1.1	1.5	1.6	
Max.			kW	5.0	7.2	8.0	
Total Input		Rated	kW	1.105	1.617	1.886	
COP				3.71	3.71	3.71	
Annual Electricity Consumption			kWh/a	905	1468	1560	
SCOP				4.0	4.1	4.1	
			Energy efficiency class		A+	A+	A+
Operating Current(max)			A	9.7	14.9	16.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08
				Operating Current (max)	A	1.16	1.35
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.		10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)		24-29-32	27-33-35	26-32-35
	Sound Level (PWL)	Cooling			54	58	56
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330
	Weight			kg	35	41	54
	Air Volume	Cooling	Rated	m ³ /min.	34.3	45.8	50.1
		Heating	Rated	m ³ /min.	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	48	49	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65
	Operating Current(max)			A	8.5	13.5	14.8
	Breaker Size			A	16	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	
		Gas	mm	9.52	12.7	15.88	
	Max.Length	Out-In	m	20	30	30	
	Max. Height	Out-In	m	12	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-SM71JA(L)2	PEAD-SM100JA(L)2	PEAD-SM100JA(L)2	
		Outdoor Unit		SUZ-SM71VA	PUZ-SM100VKA2	PUZ-SM100YKA2	
Refrigerant				R32			
Power Supply			Source	Outdoor power supply			
Cooling	Out	V		230	230	400	
		Phase		Single	Single	Three	
		Hz		50	50	50	
	In	V		220-240	220-240	220-240	
		Phase		Single	Single	Single	
		Hz		50	50	50	
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	2.2	4.0	4.0	
		Max.	kW	8.1	10.6	10.6	
	SHF	Rated		0.80	0.82	0.82	
	Total Input	Rated	kW	2.198	2.941	2.941	
	EER			3.23	3.23	3.23	
	Annual Electricity Consumption		kWh/a	449	600	600	
	SEER			5.5	5.5	5.5	
		Energy efficiency class			A	A	
Heating	Capacity	Rated	kW	8.0	11.2	11.2	
		Min.	kW	2.0	2.8	2.8	
		Max.	kW	10.2	12.5	12.5	
	Total Input	Rated	kW	2.156	3.018	3.018	
	COP			3.71	3.71	3.71	
	Annual Electricity Consumption		kWh/a	2073	2831	2831	
	SCOP			3.9	3.9	3.9	
		Energy efficiency class			A	A	
Operating Current(max)			A	16.7	22.3	13.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.14 / 0.14	0.14 / 0.14
		Operating Current (max)		A	1.97	2.65	2.65
	Dimensions	H × W × D		mm	250-1100-732	250-1400-732	250-1400-732
	Weight			kg	29.5(29)	37(36)	37(36)
	Air Volume	Lo-Mid-Hi		m ³ /min.	14.5-18.0-23.0	23.0-28.0-32.0	23.0-28.0-32.0
	External Static Pressure			Pa	40-50-70-100-150	40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	26-32-37	31-36-39	31-36-39
	Sound Level (PWL)	Cooling			58	62	62
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	79	79
		Heating	Rated	m ³ /min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	49	49
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	30	30	30	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-15	-15
			Upper Limit.	°C	+24	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-SM125JA(L)2	PEAD-SM125JA(L)2	PEAD-SM140JA(L)2	PEAD-SM140JA(L)2	
Refrigerant		Outdoor Unit		PUZ-SM125VKA2	PUZ-SM125YKA2	PUZ-SM140VKA2	PUZ-SM140YKA2	
Power Supply				R32				
Source				Outdoor power supply				
Cooling	Out	V		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		220-240	220-240	220-240	220-240	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
Capacity	Rated	kW		12.1	12.1	13.4	13.4	
		Min.		6.0	6.0	6.1	6.1	
		Max.		13.0	13.0	14.1	14.1	
	SHF	Rated		0.78	0.78	0.77	0.77	
	Total Input	Rated	kW	4.172	4.172	4.962	4.962	
	EER			2.90	2.90	2.70	2.70	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
		Energy efficiency class		—	—	—	—	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	4.1	4.1	4.2	4.2	
Max.			kW	15.0	15.0	15.8	15.8	
Total Input		Rated	kW	3.857	3.857	4.285	4.285	
COP				3.50	3.50	3.50	3.50	
Annual Electricity Consumption			kWh/a	—	—	—	—	
SCOP				—	—	—	—	
		Energy efficiency class		—	—	—	—	
Operating Current(max)		A	28.8	13.8	32.6	14.1		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.20 / 0.20	0.20 / 0.20	0.21 / 0.21	0.21 / 0.21
	Operating Current (max)			A	2.76	2.76	2.78	2.78
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1600-732	250-1600-732
	Weight			kg	38(37)	38(37)	42(41)	42(41)
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	28.0-34.0-37.0	28.0-34.0-37.0	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	40-50-70-100-150	40-50-70-100-150	40-50-70-100-150	40-50-70-100-150
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40	34-38-40	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			66	66	67	67
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	55	55
			Silent	dB(A)	52	52	54	54
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling		dB(A)	72	72	73	73
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	40	40	40	40	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

A.6.1.2 R410A type
1. ZUBADAN SERIES

Model Name	Indoor Unit			PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	
	Outdoor Unit			PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)	
Refrigerant				R410A			
Power Supply				Source Outdoor power supply			
Power Supply	Out	V		230	400	400	
		Phase		Single	Three	Three	
		Hz		50	50	50	
	In	V		220-240	220-240	220-240	
		Phase		Single	Single	Single	
		Hz		50	50	50	
Cooling	Capacity	Rated	kW	10.0	10.0	12.1	
		Min.	kW	4.9	4.9	5.5	
		Max.	kW	11.4	11.4	14.0	
	SHF	Rated		0.83	0.83	0.83	
	Total Input	Rated	kW	2.904	2.904	4.172	
	EER			3.44	3.44	2.90	
	Annual Electricity Consumption	kWh/a		686	686	—	
	SEER			5.1	5.1	—	
		Energy efficiency class		A	A	—	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0
Min.			kW	4.5	4.5	5.0	
Max.			kW	14.0	14.0	16.0	
Total Input		Rated	kW	3.103	3.103	3.879	
COP				3.61	3.61	3.61	
Annual Electricity Consumption		kWh/a		4601	4601	—	
SCOP				3.8	3.8	—	
		Energy efficiency class		A	A	—	
Operating Current(max)			A	37.7	15.7	15.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20
		Operating Current (max)		A	2.25	2.25	2.34
	Dimensions		H × W × D	mm	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)
	Air Volume	Lo-Mid-Hi		m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-50-70-100-150		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	34-38-40
	Sound Level (PWL)	Cooling		dB(A)	62	62	66
Outdoor Unit	Dimensions		H × W × D	mm	1350-950-330(+30)	1350-950-330(+30)	1350-950-330(+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m ³ /min.	100	100	100
		Heating	Rated	m ³ /min.	100	100	100
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	69
	Operating Current(max)			A	35	13	13
	Breaker Size			A	40	16	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max. Length	Out-In	m	75	75	75	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-25	-25	-25	
		Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Power Inverter SERIES

Model Name		Indoor Unit	PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2		
		Outdoor Unit	PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2		
Refrigerant		R410A						
Power Supply		Source	Outdoor power supply					
Out	V		230	230	230	230		
		Phase	Single	Single	Single	Single		
		Hz	50	50	50	50		
	In	V		220-240	220-240	220-240	220-240	
			Phase	Single	Single	Single	Single	
			Hz	50	50	50	50	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.85	0.84	0.83	0.80	
	Total Input	Rated	kW	0.870	1.420	1.630	1.990	
	EER			4.14	3.52	3.74	3.53 (3.57)	
	Annual Electricity Consumption		kWh/a	205	287	340	411	
	SEER			6.1	6.1	6.2	6.0	
		Energy efficiency class		A++	A++	A++	A+	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
			Min.	kW	1.6	2.5	2.8	3.5
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.950	1.500	1.790	2.030	
COP				4.32	4.00	3.91	3.94	
Annual Electricity Consumption			kWh/a	831	1232	1487	1718	
SCOP				4.0	4.3	4.1	3.9	
		Energy efficiency class		A+	A+	A+	A	
Operating Current(max)			A	14.2	14.4	20.9	20.9	
Indoor Unit		Input	Cooling/Heating Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
		Operating Current (max)		A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D	mm	250-900-732	250-900-732	250-1100-732	250-1100-732	
	Weight		kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)	
	Air Volume	Lo-Mid-Hi	m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0	
	External Static Pressure		Pa	35-50-70-100-150		40-50-70-100-150		
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	24-29-32	27-33-35	26-32-35	26-32-37	
	Sound Level (PWL)	Cooling		54	58	56	58	
Outdoor Unit	Dimensions	H × W × D	mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)	
	Weight		kg	43	46	70	70	
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)		A	13	13	19	19	
	Breaker Size		A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-11	-11	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Cooling	Out	V		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		220-240	220-240	220-240	220-240	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.410	2.430	3.834	3.834	
	EER			3.94	3.94	3.26	3.26	
	Annual Electricity Consumption		kWh/a	542	553	—	—	
	SEER			6.1	6.0	—	—	
		Energy efficiency class		A++	A+	—	—	
Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0	
		Min.	kW	4.5	4.5	5.0	5.0	
		Max.	kW	14.0	14.0	16.0	16.0	
	Total Input	Rated	kW	2.600	2.600	3.508	3.508	
	COP			4.31	4.31	3.70 (3.99)	3.70 (3.99)	
	Annual Electricity Consumption		kWh/a	2593	2594	—	—	
	SCOP			4.2	4.2	—	—	
	Energy efficiency class		A+	A+	—	—		
Operating Current(max)			A	28.8	10.3	28.8	11.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
		Operating Current (max)		A	2.25	2.25	2.34	2.34
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	34-38-40	34-38-40
Sound Level (PWL)	Cooling			62	62	66	66	
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	116	123	116	125
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120
		Heating	Rated	m ³ /min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	26.5	8	26.5	9.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	75	75	75	75	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-20	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M140JA(L)2	PEAD-M140JA(L)2	PEA-M200LA2	PEA-M250LA2	
Refrigerant		Outdoor Unit		PUHZ-ZRP140YKA3	PUHZ-ZRP140YKA3	PUHZ-ZRP200YKA3	PUHZ-ZRP250YKA3	
Power Supply		Source		R410A		R410A		
Out	V	Outdoor power supply		230	400	400	400	
		Phase		Single	Three	Three	Three	
		Hz		50	50	50	50	
	In	V		220-240	220-240	—	—	
		Phase		Single	Single	—	—	
		Hz		50	50	—	—	
Cooling	Capacity	Rated	kW	13.4	13.4	19.0	22.0	
		Min.	kW	6.2	6.2	9.0	11.2	
		Max.	kW	15.3	15.3	22.4	27.0	
	SHF	Rated		0.77	0.77	0.80	0.79	
	Total Input	Rated	kW	4.322	4.322	5.937	7.971	
	EER			3.10	3.10	3.20	2.76	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
	Energy efficiency class			—	—	—	—	
	Heating	Capacity	Rated	kW	16.0	16.0	22.4	27.0
Min.			kW	5.7	5.7	9.5	12.5	
Max.			kW	18.0	18.0	25.0	31.0	
Total Input		Rated	kW	4.071	4.071	6.530	8.181	
COP			3.60	3.60	3.43	3.30		
Annual Electricity Consumption		kWh/a	—	—	—	—		
SCOP			—	—	—	—		
Energy efficiency class			—	—	—	—		
Operating Current(max)		A	30.6	15.6	23.8	25.8		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21	0.32 / 0.32
	Operating Current (max)		A	2.63	2.63	4.8	4.8	
	Dimensions		H × W × D	mm	250-1600-732	250-1600-732	470-1370-1120	470-1370-1120
	Weight			kg	42(41)	42(41)	88	88
	Air Volume (Lo-Mid-Hi)	Normal airflow mode		m³/min.	29.5-35.5-40.0	29.5-35.5-40.0	42.0-51.0-60.0	50.0-61.0-72.0 (75Pa-200Pa) 42.0-51.0-60.0(250Pa)
		High airflow mode		m³/min.	—	—	50.0-61.0-72.0 (75Pa-200Pa) 42.0-51.0-60.0(250Pa)	58.0-72.0-84.0 (75Pa-150Pa) 50.0-61.0-72.0(200Pa) 42.0-51.0-60.0(250Pa)
	External Static Pressure			Pa	40-50-70-100-150	40-50-70-100-150	75-100-150-200-250	
	Sound Level (SPL) Lo-Mid-Hi	40Pa		dB(A)	34-38-40	34-38-40	—	—
		50Pa			34-38-41	34-38-41	—	—
		70Pa			35-39-41	35-39-41	—	—
		75Pa			—	—	34.5-39-43	37.5-42-46
		100Pa			36-40-43	36-40-43	36-40.5-44	38.5-43-47
		150Pa			38-42-46	38-42-46	38-43-46.5	40-45-49
		200Pa			—	—	40-44.5-48.5	41.5-46.5-50.5
	250Pa		—	—	41.5-46.5-50.5	41.5-46.5-50.5		
Sound Level (PWL)	Cooling			63-64-64	67-67-68	63-64-64	67-67-68	
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	118	131	135	135
	Air Volume	Cooling	Rated	m³/min.	120	120	140	140
		Heating	Rated	m³/min.	120	120	140	140
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	59	59
			Silent	dB(A)	47	47	—	—
		Heating	Rated	dB(A)	52	52	62	62
	Sound Level (PWL)	Cooling		dB(A)	70	70	77	77
	Operating Current(max)			A	28	13	19.0	21.0
	Breaker Size			A	40	16	32	32
	Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	12.7
			Gas	mm	15.88	15.88	25.4	25.4
Max.Length		Out-In		m	75	75	100	100
		Max. Height		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-20	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Standard Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2	
		Outdoor Unit		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V			220-240	220-240	220-240	220-240
			Phase		Single	Single	Single	Single
			Hz		50	50	50	50
Cooling	Capacity	Rated	kW	3.6	4.9	5.7	7.1	
		Min.	kW	1.4	2.3	2.3	2.8	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.85	0.84	0.83	0.80	
	Total Input	Rated	kW	1.029	1.458	1.652	2.060	
	EER			3.50	3.36	3.45	3.45	
	Annual Electricity Consumption		kWh/a	210	284	326	395	
	SEER			6.0	6.0	6.1	6.2	
		Energy efficiency class		A+	A+	A++	A++	
	Heating	Capacity	Rated	kW	4.1	5.9	7.0	8.0
Min.			kW	1.7	1.7	2.5	2.6	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	1.111	1.620	1.928	2.040	
COP				3.69	3.64	3.63	3.80	
Annual Electricity Consumption			kWh/a	975	1455	1559	2132	
SCOP				4.0	4.2	4.0	3.9	
		Energy efficiency class		A+	A+	A+	A	
Operating Current(max)			A	9.4	13.4	15.9	18.0	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
		Operating Current (max)		A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m³/min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	880-840-330	880-840-330	880-840-330
	Weight			kg	35	54	50	53
	Air Volume	Cooling	Rated	m³/min.	36.3	44.6	40.9	50.1
		Heating	Rated	m³/min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling		dB(A)	62	65	65	69
	Operating Current(max)			A	8.2	12	14	16.1
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max. Length	Out-In		m	20	30	30	30
	Max. Height	Out-In		m	12	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
Refrigerant		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	
Power Supply				R410A				
Source				Outdoor power supply				
Cooling	Out	V		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		220-240	220-240	220-240	220-240	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1	
		Min.	kW	3.7	3.7	5.6	5.6	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.965	2.965	4.143	4.143	
	EER			3.17	3.17	2.92	2.92	
	Annual Electricity Consumption		kWh/a	596	596	—	—	
	SEER			5.5	5.5	—	—	
		Energy efficiency class		A	A	—	—	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.8	4.8	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	2.947	2.947	3.739	3.739	
COP				3.80	3.80	3.61	3.61	
Annual Electricity Consumption			kWh/a	2797	2797	—	—	
SCOP				4.0	4.0	—	—	
		Energy efficiency class		A+	A+	—	—	
Operating Current(max)			A	22.3	13.8	27.8	12.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
		Operating Current (max)		A	2.25	2.25	2.34	2.34
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			62	62	66	66
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330
		Weight		kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86
		Heating	Rated	m ³ /min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	49	49	52	52
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name	Indoor Unit			PEAD-M140JA(L)2	PEAD-M140JA(L)2	
	Outdoor Unit			PUHZ-P140VKA	PUHZ-P140YKA	
Refrigerant	R410A					
Power Supply	Source			Outdoor power supply		
Out	V			230	400	
	Phase			Single	Three	
	Hz			50	50	
	In			220-240	220-240	
	Phase			Single	Single	
	Hz			50	50	
Cooling	Capacity	Rated	kW	13.6	13.6	
		Min.	kW	5.8	5.8	
		Max.	kW	14.1	14.1	
	SHF	Rated		0.77	0.77	
	Total Input	Rated	kW	5.551	5.551	
	EER			2.45	2.45	
	Annual Electricity Consumption			kWh/a	—	—
	SEER			—	—	
	Energy efficiency class			—	—	
	Heating	Capacity	Rated	kW	15.0	15.0
Min.			kW	4.9	4.9	
Max.			kW	15.8	15.8	
Total Input		Rated	kW	4.347	4.347	
COP			3.45	3.45		
Annual Electricity Consumption			kWh/a	—	—	
SCOP			—	—		
Energy efficiency class			—	—		
Operating Current(max)			A	31.4	12.9	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21
		Operating Current (max)			A	2.63
	Dimensions H × W × D			mm	250-1600-732	250-1600-732
	Weight			kg	42(41)	42(41)
	Air Volume	Lo-Mid-Hi		m ³ /min.	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			66	66
Outdoor Unit	Dimensions H × W × D			mm	981-1050-330	981-1050-330
	Weight			kg	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86
		Heating	Rated	m ³ /min.	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	56	56
			Silent	dB(A)	54	54
		Heating	Rated	dB(A)	57	57
	Sound Level (PWL)	Cooling		dB(A)	75	75
	Operating Current(max)			A	30	11.5
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	
		Gas	mm	15.88	15.88	
	Max. Length	Out-In	m	50	50	
	Max. Height	Out-In	m	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15
			Upper Limit.	°C	+46	+46
	Heating	Lower Limit.	°C	-15	-15	
		Upper Limit.	°C	+21	+21	

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEA-M200LA2		PEA-M250LA2		
Refrigerant		Outdoor Unit		PUHZ-P200YKA3		PUHZ-P250YKA3		
Power Supply				Source	R410A			
Out				V	400		400	
				Phase	Three		Three	
				Hz	50		50	
In				V	—		—	
				Phase	—		—	
				Hz	—		—	
Cooling	Capacity	Rated	kW	19.0		22.0		
		Min.	kW	9.0		11.2		
		Max.	kW	22.4		27.0		
	SHF	Rated		0.80		0.79		
	Total Input	Rated	kW	6.188		8.058		
	EER			3.07		2.73		
	Annual Electricity Consumption		kWh/a	—		—		
	SEER			—		—		
				Energy efficiency class	—		—	
Heating	Capacity	Rated	kW	22.4		27.0		
		Min.	kW	9.5		12.5		
		Max.	kW	25.0		31.0		
	Total Input	Rated	kW	6.706		8.437		
	COP			3.34		3.20		
	Annual Electricity Consumption		kWh/a	—		—		
	SCOP			—		—		
					Energy efficiency class	—		—
Operating Current(max)			A	23.8		25.8		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.32 / 0.32		0.48 / 0.48	
		Operating Current (max)		A	4.8		4.8	
	Dimensions	H × W × D		mm	470-1370-1120		470-1370-1120	
	Weight			kg	88		88	
	Air Volume (Lo-Mid-Hi)	Normal airflow mode		m³/min.	42.0-51.0-60.0		50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)	
		High airflow mode		m³/min.	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)		58.0-72.0-84.0(75Pa-150Pa) 50.0-61.0-72.0(200Pa) 42.0-51.0-60.0(250Pa)	
	External Static Pressure			Pa	75-100-150-200-250			
	Sound Level (SPL) Lo-Mid-Hi	75Pa		dB(A)	34.5-39-43		37.5-42-46	
		100Pa			36-40.5-44		38.5-43-47	
		150Pa			38-43-46.5		40-45-49	
200Pa		40-44.5-48.5			41.5-46.5-50.5			
250Pa		41.5-46.5-50.5			41.5-46.5-50.5			
Sound Level (PWL)	Cooling			63-64-64		67-67-68		
Outdoor Unit	Dimensions H × W × D			mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	127		135	
	Air Volume	Cooling	Rated	m³/min.	140		140	
		Heating	Rated	m³/min.	140		140	
	Sound Level (SPL)	Cooling	Rated	dB(A)	58		59	
			Silent	dB(A)	—		—	
		Heating	Rated	dB(A)	60		62	
	Sound Level (PWL)	Cooling		dB(A)	78		77	
Operating Current(max)			A	19.0		21.0		
Breaker Size			A	32		32		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		12.7		
		Gas	mm	25.4		25.4		
	Max. Length	Out-In	m	70		70		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-20		-20		
		Upper Limit.	°C	+21		+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

4. Economy Inverter SERIES

Model Name		Indoor Unit		PEAD-SM71JA(L)2	PEAD-SM100JA(L)2	PEAD-SM100JA(L)2	
		Outdoor Unit		SUZ-SA71VA3	SUZ-SA100VA2	PUHZ-SP100YKA	
Refrigerant				R410A			
Power Supply			Source	Outdoor power supply			
Cooling	Out	V		230	230	400	
		Phase		Single	Single	Three	
		Hz		50	50	50	
	In	V		220-240	220-240	220-240	
		Phase		Single	Single	Single	
		Hz		50	50	50	
Heating	Capacity	Rated	kW	7.1	9.4	9.4	
		Min.	kW	3.2	5.0	3.7	
		Max.	kW	8.1	9.9	10.6	
	SHF	Rated		0.80	0.82	0.82	
	Total Input	Rated	kW	2.350	3.122	3.081	
	EER			3.02	3.01	3.05	
	Annual Electricity Consumption		kWh/a	477	711	711	
	SEER			5.2	4.6	4.6	
			Energy efficiency class		A	B	B
	Heating	Capacity	Rated	kW	8.0	11.2	11.2
Min.			kW	3.5	5.1	2.8	
Max.			kW	8.9	11.5	12.5	
Total Input		Rated	kW	2.21	3.10	3.02	
COP			3.61	3.61	3.70		
Annual Electricity Consumption		kWh/a	2191	2928	2940		
SCOP			3.8	3.8	3.8		
		Energy efficiency class		A	A	A	
Operating Current(max)			A	18	18.4	13.8	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.14 / 0.14
	Operating Current (max)			A	1.97	2.65	2.65
	Dimensions		H × W × D	mm	250-1100-732	250-1400-732	250-1400-732
	Weight			kg	29.5(29)	37(36)	37(36)
	Air Volume	Lo-Mid-Hi		m ³ /min.	14.5-18.0-23.0	23.0-28.0-32.0	23.0-28.0-32.0
	External Static Pressure			Pa	40-50-70-100-150	40-50-70-100-150	40-50-70-100-150
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	26-32-37	31-36-39	31-36-39
	Sound Level (PWL)	Cooling			58	62	62
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	880-840-330	981-1050-330(+40)
	Weight			kg	52	56	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	53.6	79
		Heating	Rated	m ³ /min.	48.2	53.7	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55	51
			Silent	dB(A)	—	—	49
		Heating	Rated	dB(A)	55	55	54
	Sound Level (PWL)	Cooling		dB(A)	69	69	70
	Operating Current(max)			A	16.1	16.1	11.5
	Breaker Size			A	20	20	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max. Length	Out-In	m	30	30	30	
		Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-10	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-10	-10	-15	
		Upper Limit.	°C	+24	+24	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEAD-SM125JA(L)2	PEAD-SM125JA(L)2	PEAD-SM140JA(L)2	PEAD-SM140JA(L)2	
		Outdoor Unit		PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V			220-240	220-240	220-240	220-240
			Phase		Single	Single	Single	Single
			Hz		50	50	50	50
Cooling	Capacity	Rated	kW	12.1	12.1	13.6	13.6	
		Min.	kW	5.6	5.6	5.8	5.8	
		Max.	kW	13.0	13.0	14.1	14.1	
	SHF	Rated		0.78	0.78	0.77	0.77	
	Total Input	Rated	kW	4.306	4.306	5.666	5.666	
	EER			2.81	2.81	2.40	2.40	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
		Energy efficiency class		—	—	—	—	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	4.8	4.8	4.9	4.9	
Max.			kW	15.0	15.0	15.8	15.8	
Total Input		Rated	kW	3.85	3.85	4.39	4.39	
COP				3.50	3.50	3.41	3.41	
Annual Electricity Consumption			kWh/a	—	—	—	—	
SCOP				—	—	—	—	
		Energy efficiency class		—	—	—	—	
Operating Current(max)			A	28.8	13.8	32.6	14.1	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.20 / 0.20	0.20 / 0.20	0.21 / 0.21	0.21 / 0.21
		Operating Current (max)		A	2.76	2.76	2.78	2.78
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1600-732	250-1600-732
	Weight			kg	38(37)	38(37)	42(41)	42(41)
	Air Volume	Lo-Mid-Hi		m ³ /min.	28.0-34.0-37.0	28.0-34.0-37.0	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	40-50-70-100-150		40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40	34-38-40	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			66	66	67	67
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	56	56
			Silent	dB(A)	52	52	54	54
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling		dB(A)	72	72	75	75
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	40	40	40	40	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

5. Mr.Slim+

Model Name		Indoor Unit		PEAD-M71JA2		PEAD-M71JAL2		
		Outdoor Unit		PUHZ-FRP71VHA2		PUHZ-FRP71VHA2		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Cooling	Out			V	230	230		
				Phase	Single	Single		
				Hz	50	50		
	In			V	220-240	220-240		
				Phase	Single	Single		
				Hz	50	50		
Cooling	Capacity	Rated	kW	7.1	7.1			
		Min.	kW	3.3	3.3			
		Max.	kW	8.1	8.1			
	SHF	Rated		0.80	0.80			
	Total Input	Rated	kW	2.151	2.088			
	EER			3.30	3.40			
	Annual Electricity Consumption		kWh/a	446	423			
	SEER			5.5	5.8			
			Energy efficiency class		A	A+		
	Heating	Capacity	Rated	kW	8.0	8.0		
Min.			kW	3.5	3.5			
Max.			kW	10.2	10.2			
Total Input		Rated	kW	2.139	2.139			
COP				3.74	3.74			
Annual Electricity Consumption			kWh/a	1741	1741			
SCOP				3.9	3.9			
			Energy efficiency class		A	A		
Operating Current(max)			A	20.9	20.9			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09		
				Operating Current (max)	A	1.9	1.9	
	Dimensions	H × W × D		mm	250-1100-732	250-1100-732		
	Weight			kg	29.5(29)	29.5(29)		
	Air Volume	Lo-Mid-Hi		m ³ /min.	14.5-18.0-23.0	14.5-18.0-23.0		
	External Static Pressure			Pa	40-50-70-100-150	40-50-70-100-150		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	26-32-37	26-32-37		
	Sound Level (PWL)	Cooling			58	58		
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330	943-950-330		
	Weight			kg	73	73		
	Air Volume	Cooling	Rated	m ³ /min.	50	50		
		Heating	Rated	m ³ /min.	50	50		
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	49	49		
	Sound Level (PWL)	Cooling		dB(A)	67	67		
	Operating Current(max)			A	19.0	19.0		
	Breaker Size			A	25	25		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max.Length	Out-In	m	60	60			
	Max. Height	Out-In	m	20	20			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

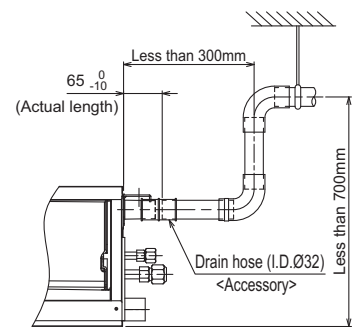
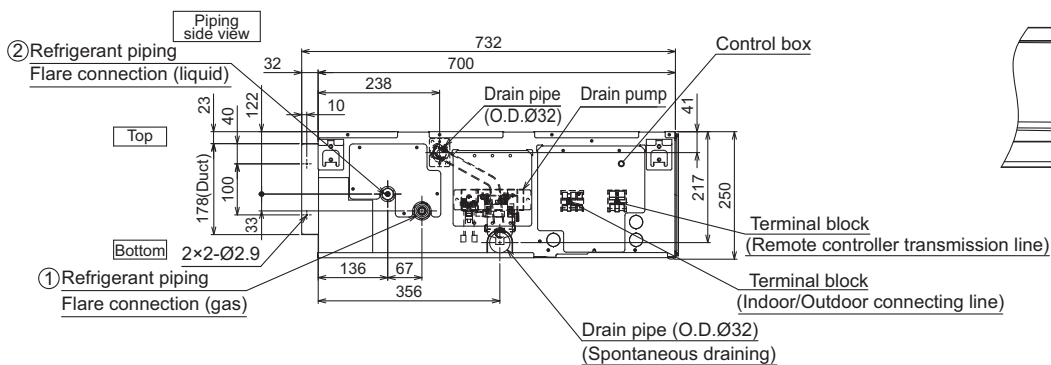
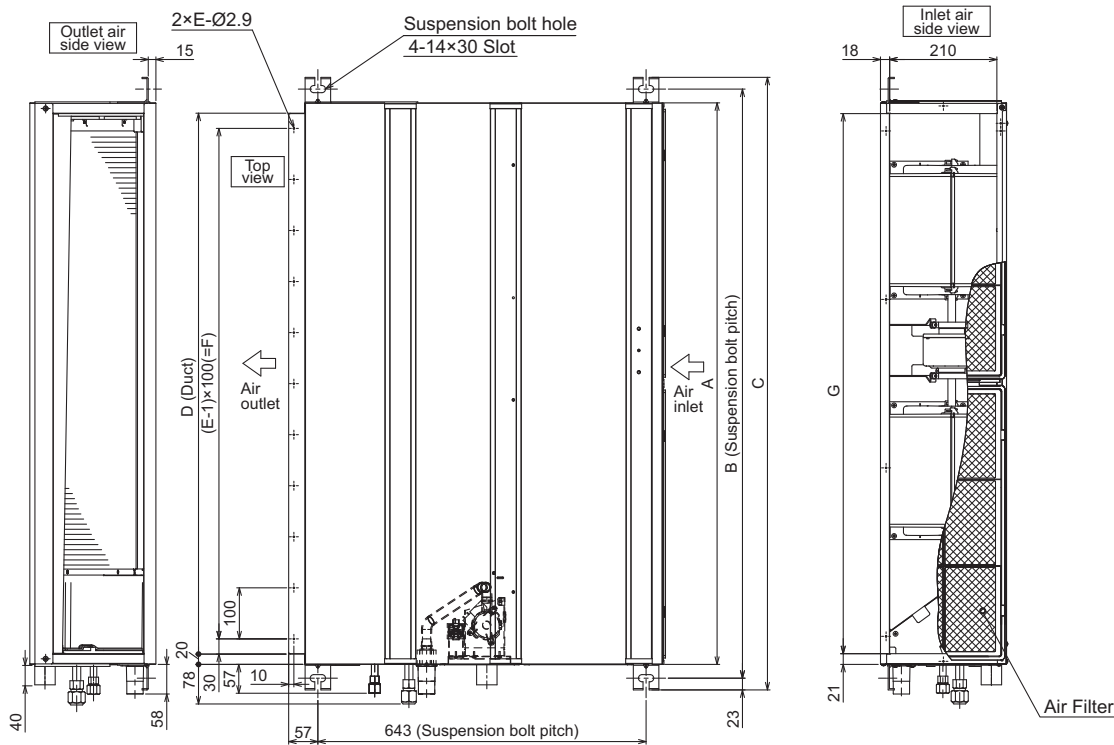
CEILING-CONCEALED

SPECIFICATIONS

A.6.2 OUTLINES AND DIMENSIONS

- PEAD-M35JA2
- PEAD-M50JA2
- PEAD-M60JA2
- PEAD-M71JA2
- PEAD-M100JA2
- PEAD-M125JA2
- PEAD-M140JA2

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-M35, 50JA2	900	954	1000	860	9	800	858	$\varnothing 12.7$	$\varnothing 6.35$
PEAD-M60, 71JA2	1100	1154	1200	1060	11	1000	1058		
PEAD-M100, 125JA2	1400	1454	1500	1360	14	1300	1358	$\varnothing 15.88$	$\varnothing 9.52$
PEAD-M140JA2	1600	1654	1700	1560	16	1500	1558		

- Note 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-M60, 71JA2 models, which have 2 fans.
PEAD-M35, 50JA2 models have 2 fans.
PEAD-M100, 125, 140JA2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.

(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.

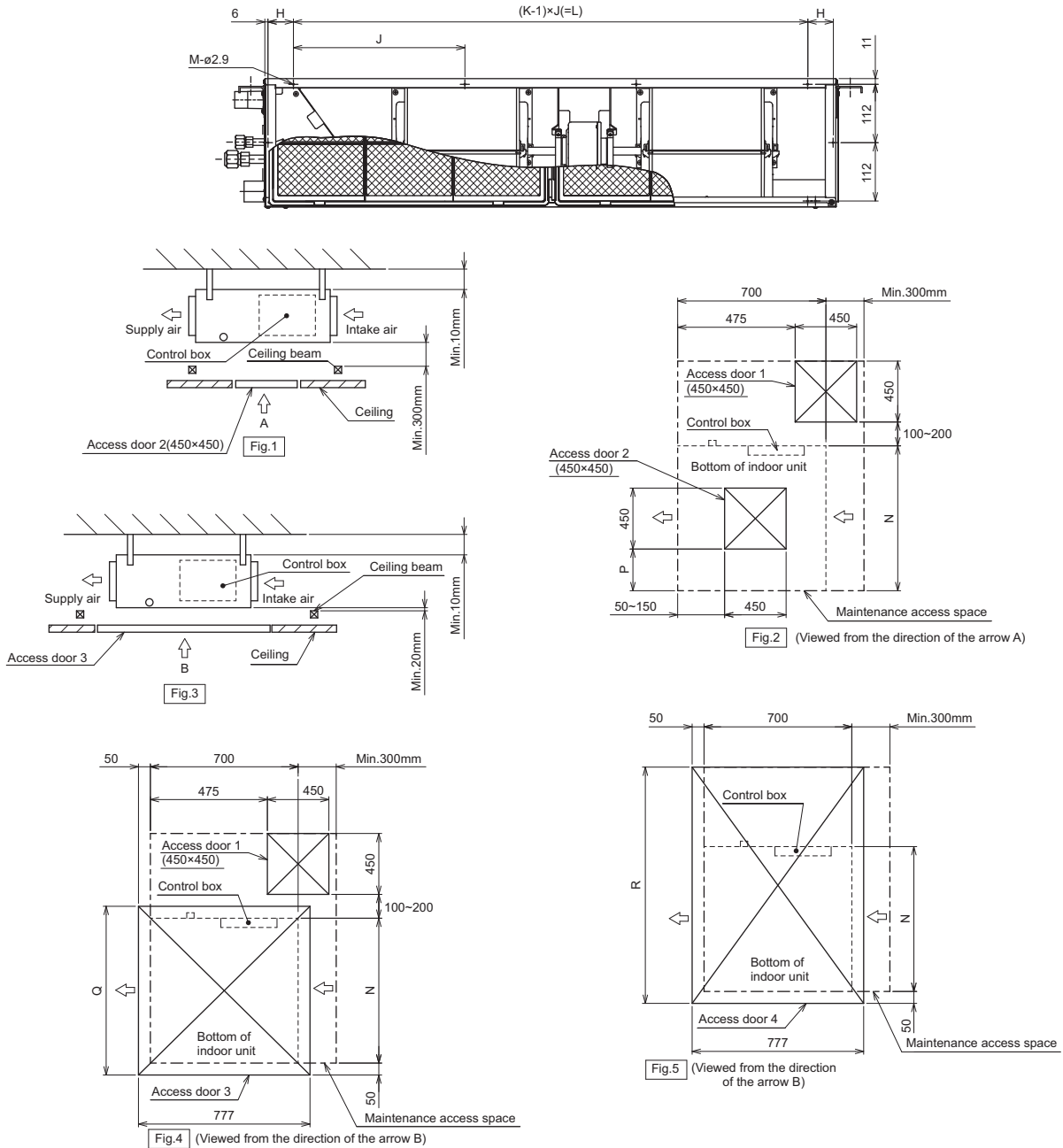
(At least 20mm of space should be left below the unit as shown in Fig.3.)

- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.

or

- Create access door 4 below the control box and the unit as shown in Fig.5.

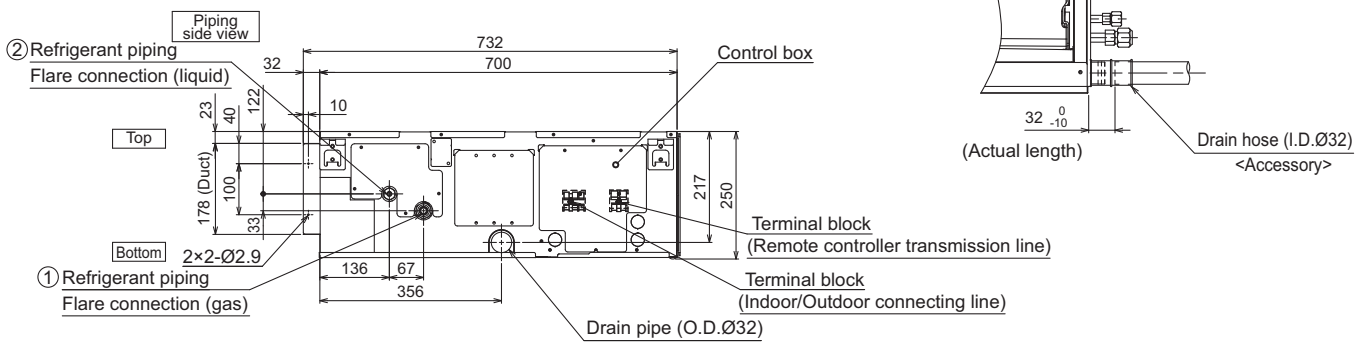
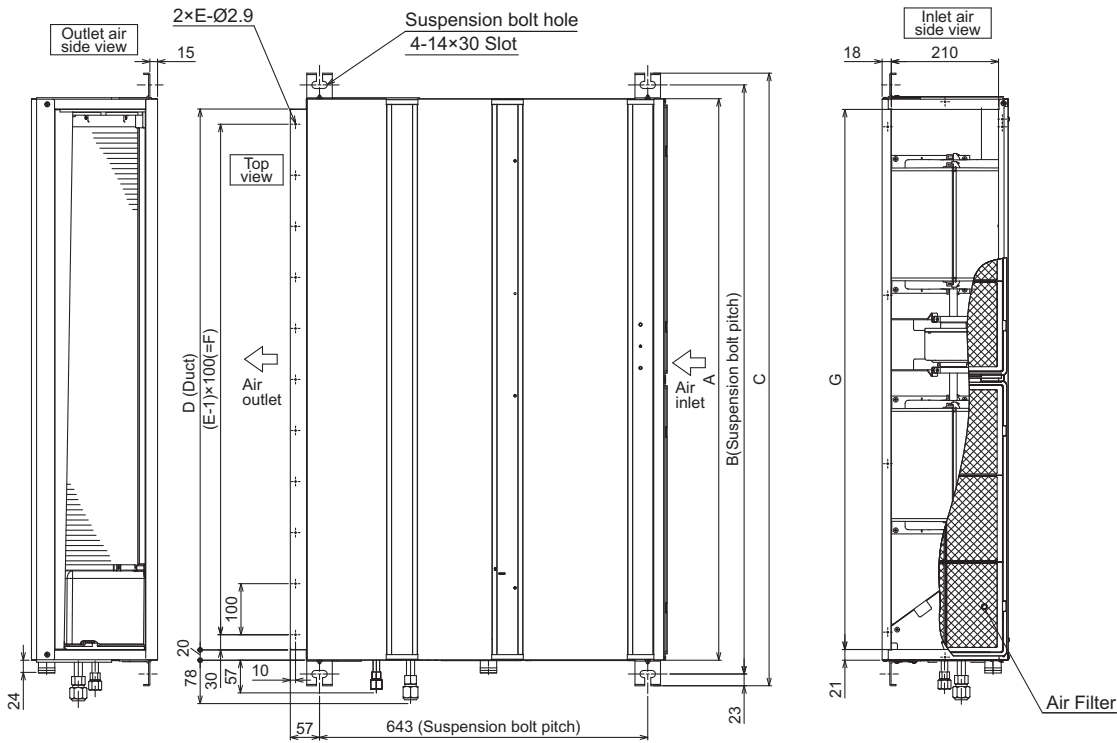
Unit : mm



Model	H	J	K	L	M	N	P	Q	R
PEAD-M35, 50JA2	54	260	4	780	10	900	150~250	1000	1500
PEAD-M60, 71JA2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-M100, 125JA2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-M140JA2	54	370	5	1480	12	1600	500~600	1700	2200

- PEAD-M35JAL2
- PEAD-M50JAL2
- PEAD-M60JAL2
- PEAD-M71JAL2
- PEAD-M100JAL2
- PEAD-M125JAL2
- PEAD-M140JAL2

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-M35, 50JAL2	900	954	1000	860	9	800	858	$\varnothing 12.7$	$\varnothing 6.35$
PEAD-M60, 71JAL2	1100	1154	1200	1060	11	1000	1058	$\varnothing 15.88$	$\varnothing 9.52$
PEAD-M100, 125JAL2	1400	1454	1500	1360	14	1300	1358		
PEAD-M140JAL2	1600	1654	1700	1560	16	1500	1558		

- Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-M60, 71JAL2 models, which have 2 fans.
PEAD-M35, 50JAL2 models have 2 fans.
PEAD-M100, 125, 140JAL2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

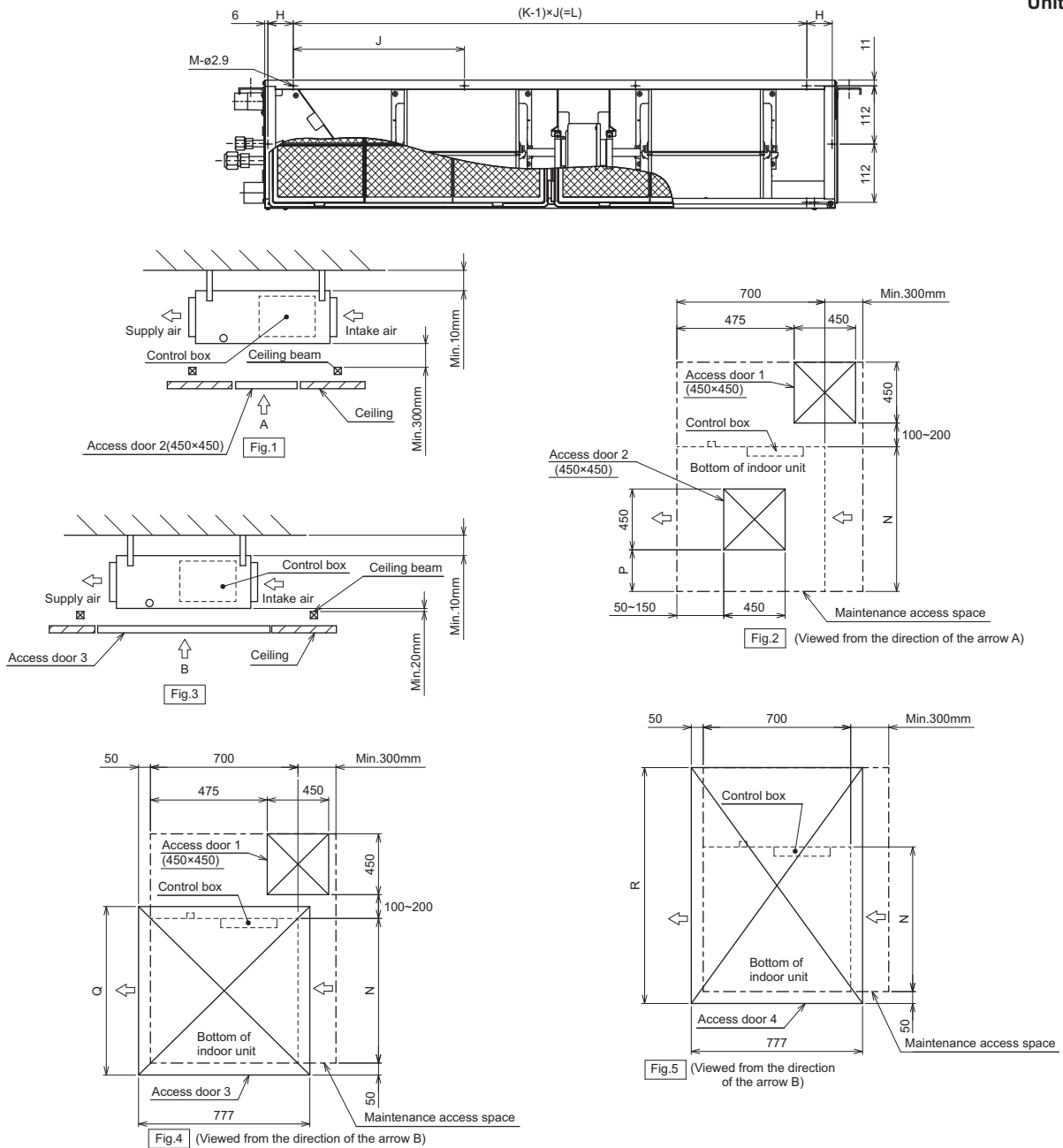
[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
 - Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
 - (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
 - (At least 20mm of space should be left below the unit as shown in Fig.3.)
 - Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
 - or
 - Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm



CEILING-
CONCEALED

OUTLINES AND DIMENSIONS

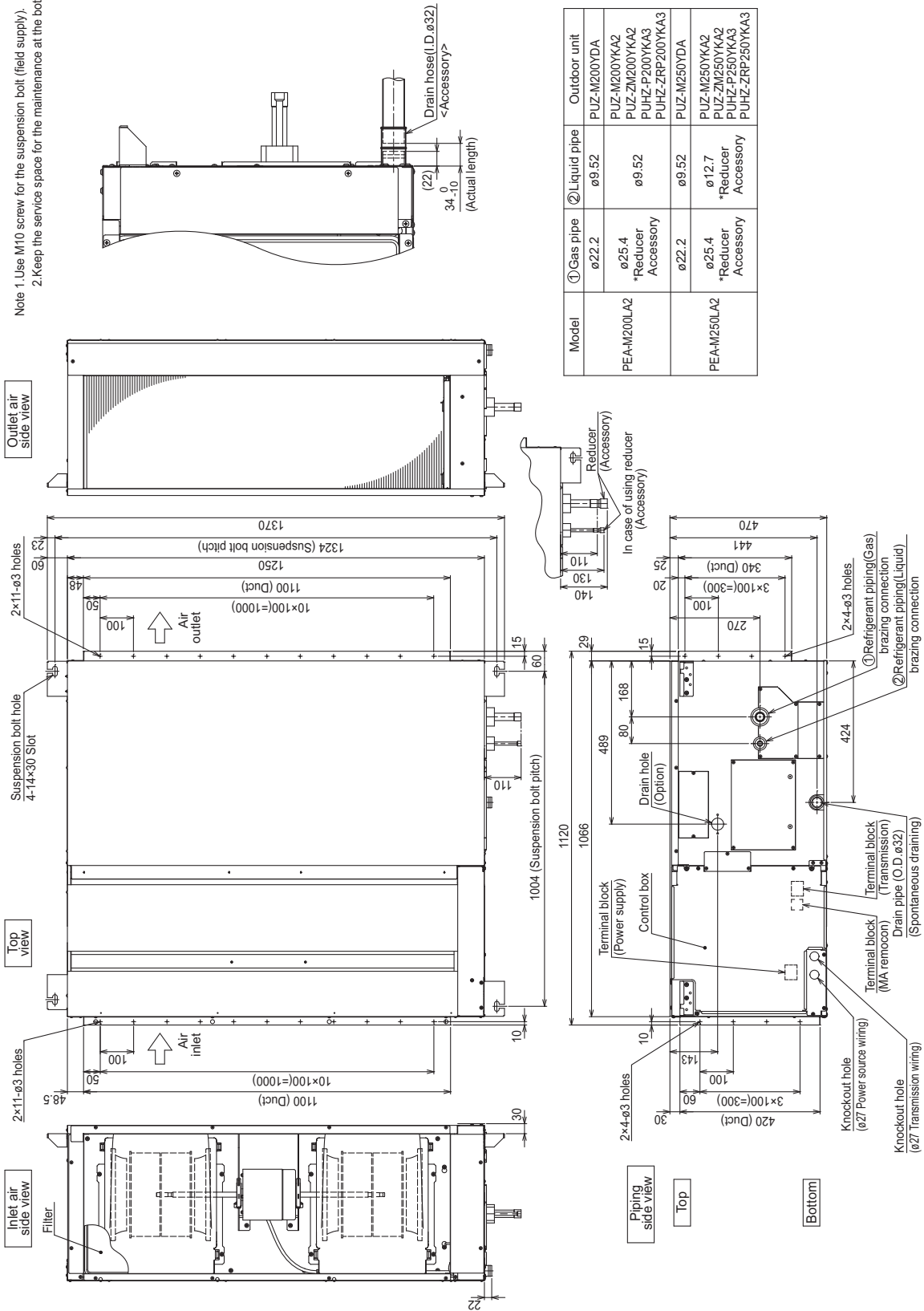
Model	H	J	K	L	M	N	P	Q	R
PEAD-M35, 50JAL2	54	260	4	780	10	900	150~250	1000	1500
PEAD-M60, 71JAL2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-M100, 125JAL2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-M140JAL2	54	370	5	1480	12	1600	500~600	1700	2200

PEA-M200LA2
PEA-M250LA2

CEILING-
CONCEALED

OUTLINES AND DIMENSIONS

Note 1. Use M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.



[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, drain pan and control box in one of the following ways. Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beam or other objects.

Create access door 1 (450x450mm) for the maintenance from the unit side when the thermistor and control box is exchanged. (Fig.2,4)

- (1) When a space of 500mm or more is available below the unit between the unit and the ceiling, Create access door 2 (600x600mm) for the maintenance from the bottom when the motor, fan, heat exchanger, drain pump (option) and drain pan is cleaned (exchanged). (Fig.1)
- (2) When a space of less than 500mm is available below the unit between the unit and the ceiling. (At least 20mm of space should be left below the unit as shown in Fig.3.) Create access door 3 for the maintenance from the bottom when the motor, fan, heat exchanger, drain pump (option) and drain pan is cleaned (exchanged). (Fig.4)

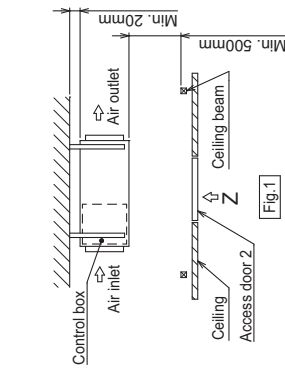


Fig.1

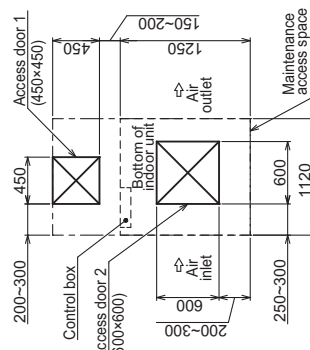


Fig.2 (Viewed from the direction of the arrow Z)

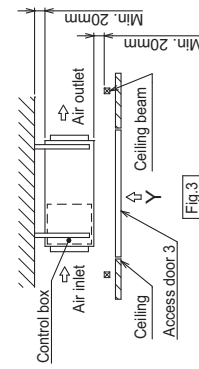


Fig.3

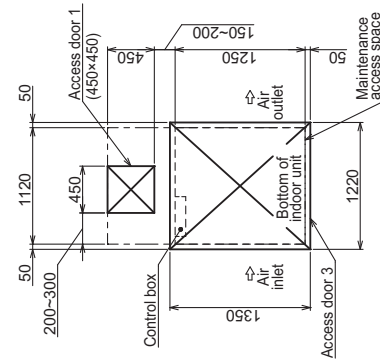


Fig.4 (Viewed from the direction of the arrow Y)

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

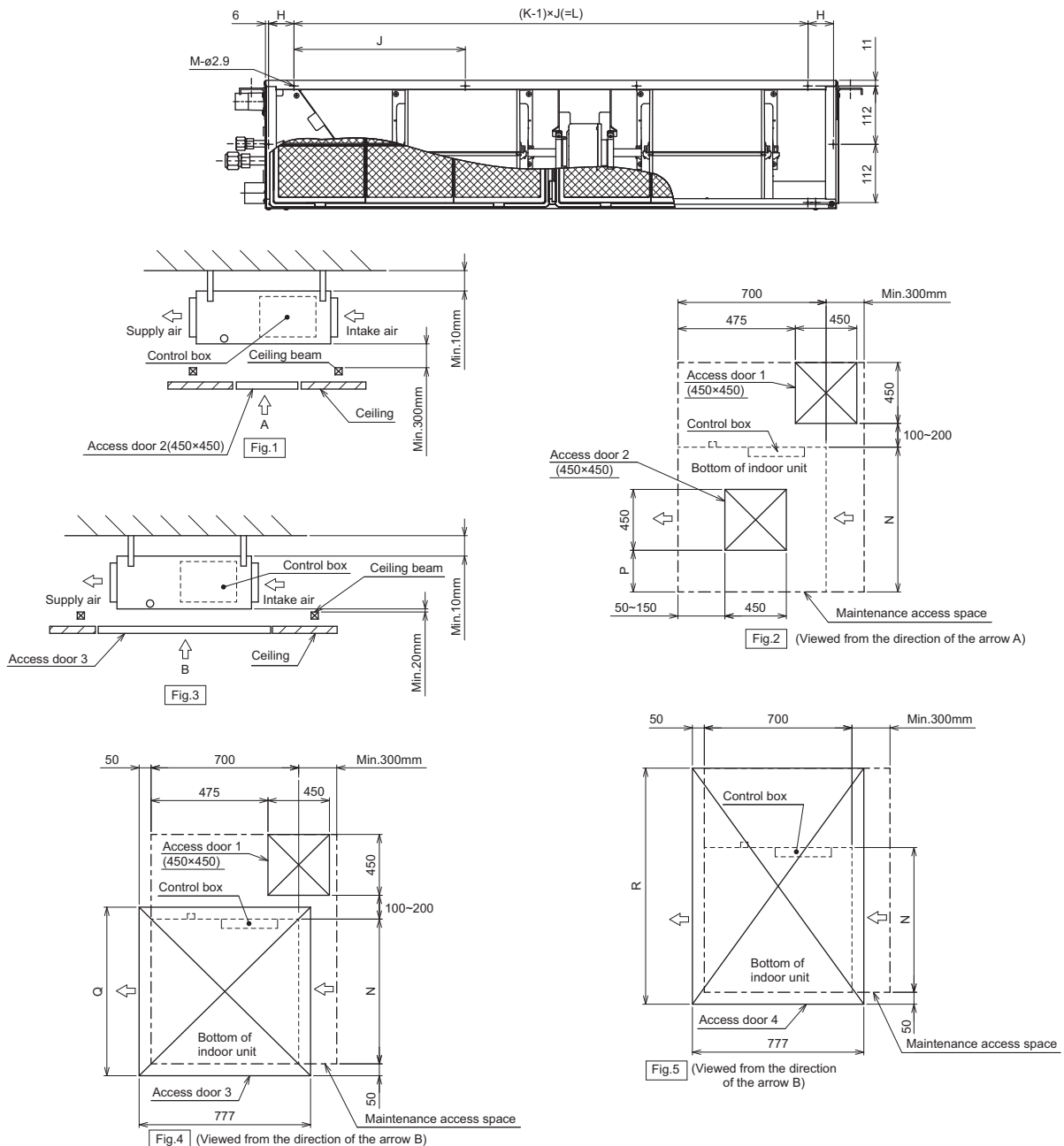
- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
- (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.

(At least 20mm of space should be left below the unit as shown in Fig.3.)

- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
- or
- Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm

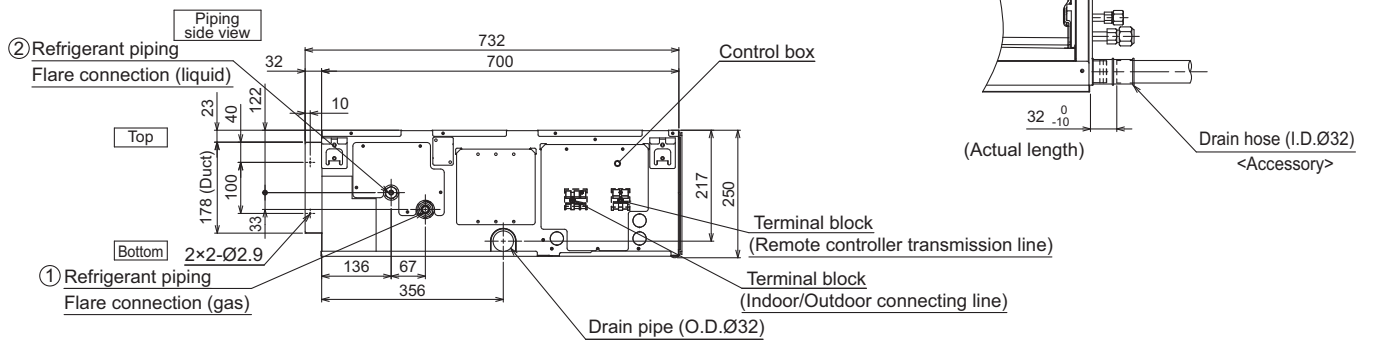
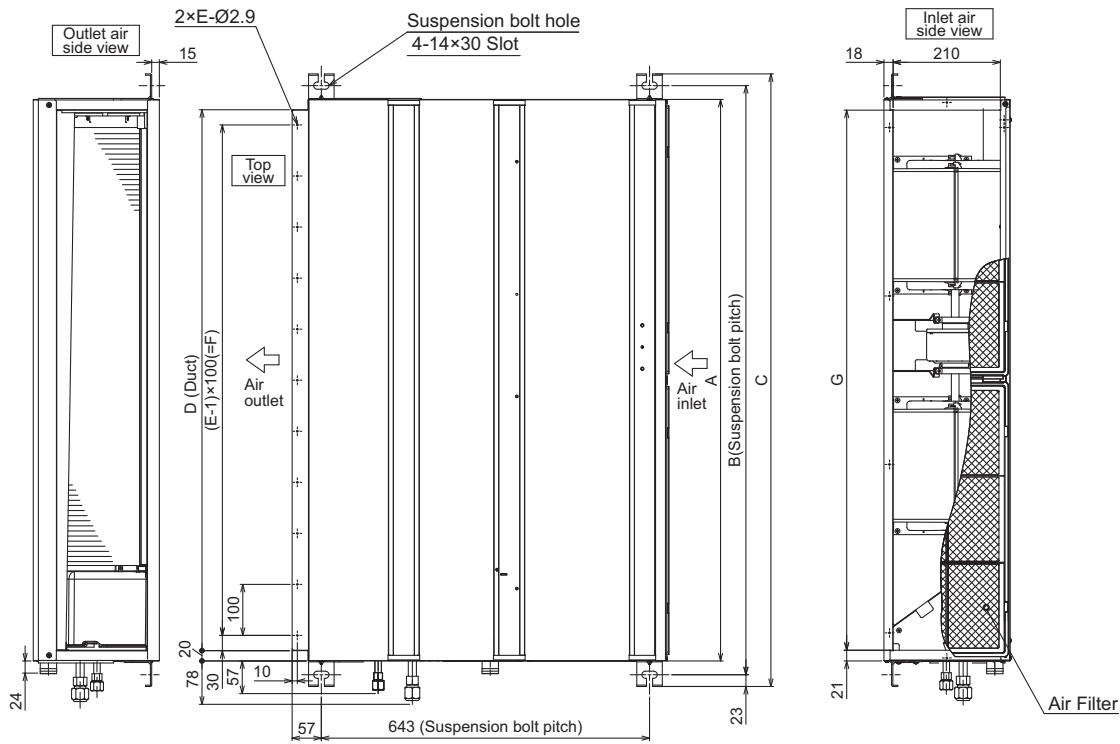


Model	H	J	K	L	M	N	P	Q	R
PEAD-SM35, 50JA	54	260	4	780	10	900	150~250	1000	1500
PEAD-SM60JA	49	330	4	990	10	1100	250~350	1200	1700
PEAD-SM71JA2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-SM140JA2	54	370	5	1480	12	1600	500~600	1700	2200

**PEAD-SM35JAL, PEAD-SM50JAL, PEAD-SM60JAL
PEAD-SM71JAL2, PEAD-SM100JAL2, PEAD-SM125JAL2, PEAD-SM140JAL2**

Unit : mm

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-SM35, 50JAL	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-SM60JAL	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52
PEAD-SM71JAL2									
PEAD-SM100, 125JAL2	1400	1454	1500	1360	14	1300	1358		
PEAD-SM140JAL2	1600	1654	1700	1560	16	1500	1558		

- Note1. Use M10 screw for the Suspension bolt (field supply).
- 2. Keep the service space for the maintenance at the bottom.
- 3. This chart indicates for PEAD-SM60JAL, PEAD-SM71JAL2 models, which have 2 fans.
PEAD-SM35, 50JAL models have 2 fans.
PEAD-SM100, 125, 140JAL2 models have 3 fans.
- 4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.

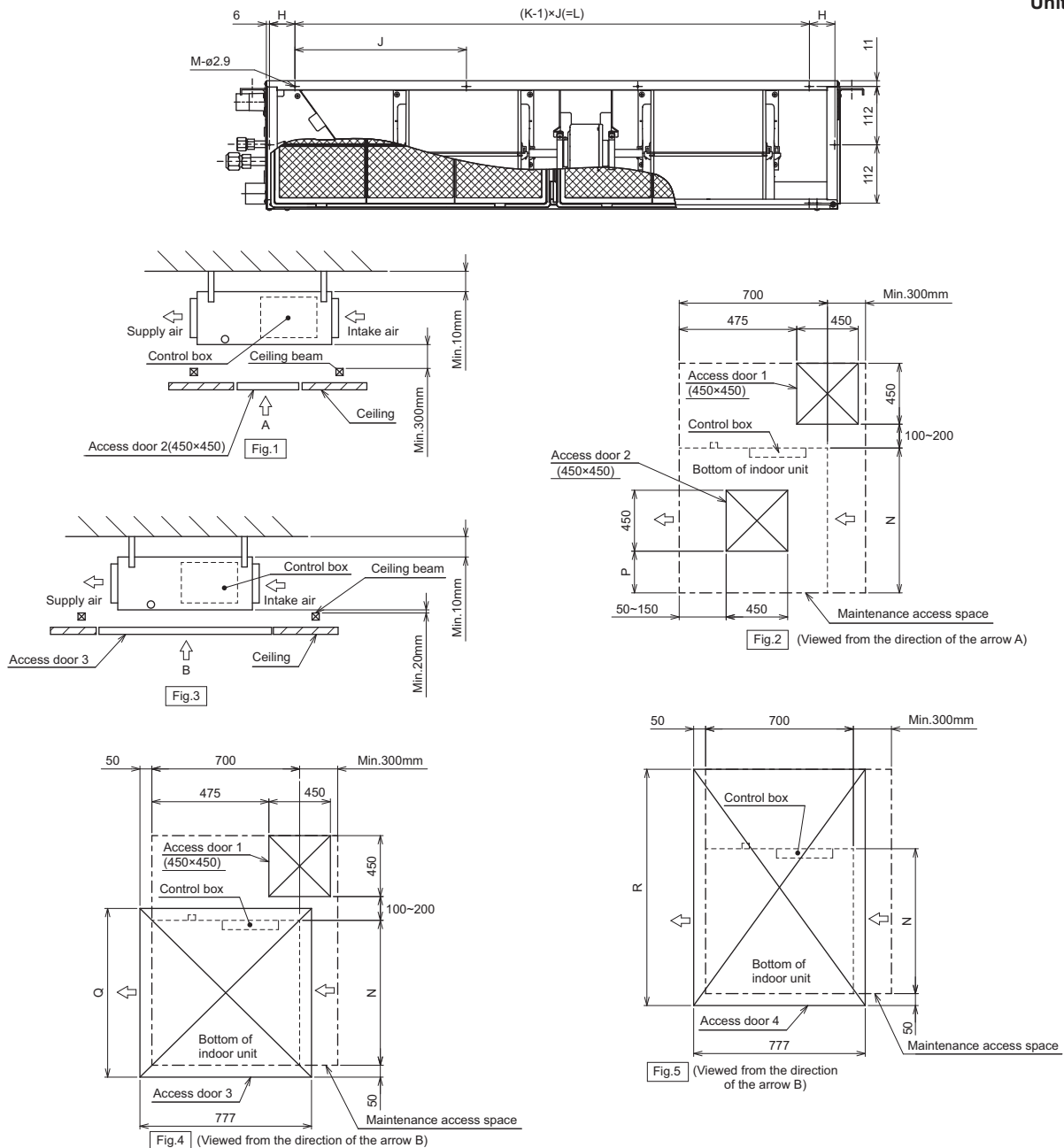
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.

(At least 20mm of space should be left below the unit as shown in Fig.3.)

- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
- or
- Create access door 4 below the control box and the unit as shown in Fig.5.

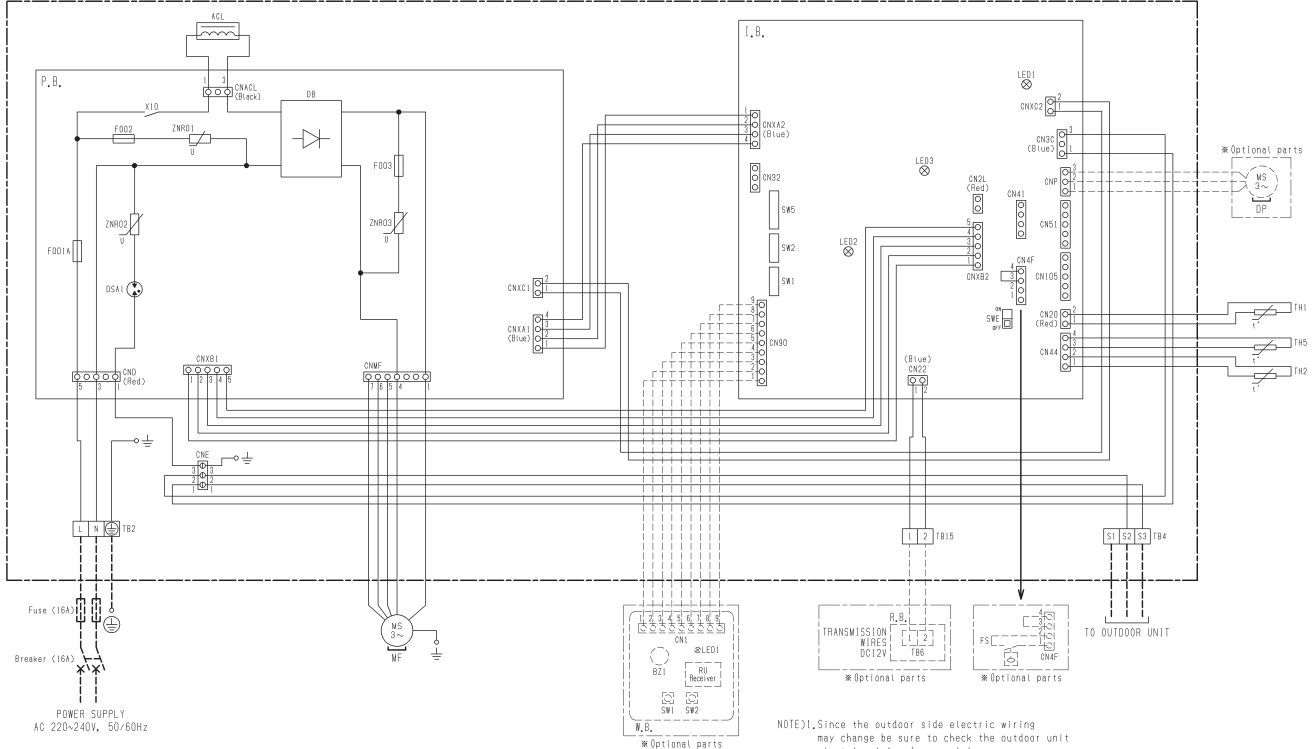
Unit : mm



Model	H	J	K	L	M	N	P	Q	R
PEAD-SM35, 50JAL	54	260	4	780	10	900	150~250	1000	1500
PEAD-SM60JAL	49	330	4	990	10	1100	250~350	1200	1700
PEAD-SM71JAL2									
PEAD-SM100, 125JAL2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-SM140JAL2	54	370	5	1480	12	1600	500~600	1700	2200

PEA-M200LA2
PEA-M250LA2

INSIDE SECTION OF CONTROL BOX

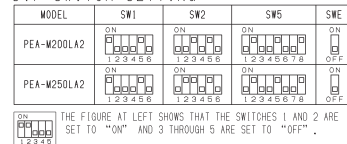


CEILING-CONCEALED
WIRING DIAGRAM

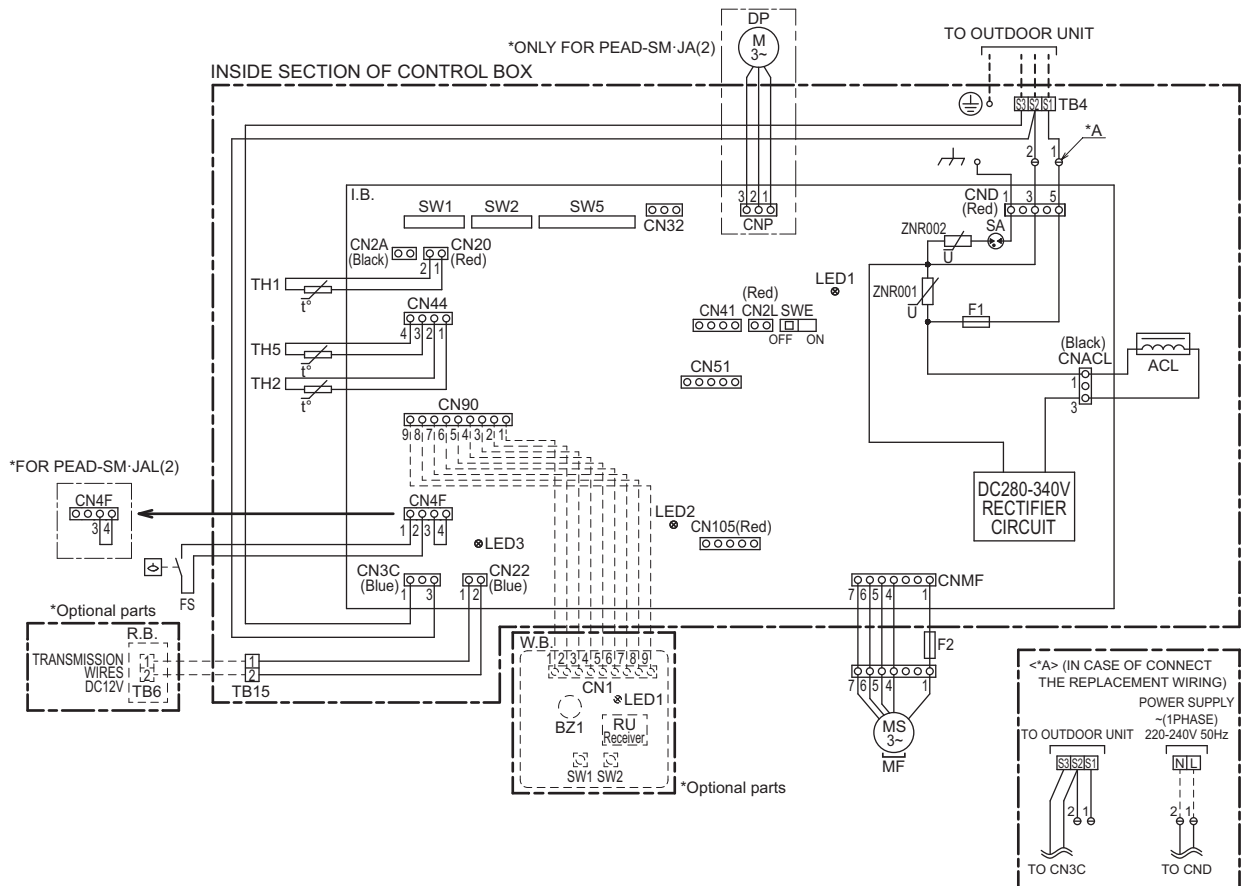
SYMBOL	EXPLANATION	SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I, B.	Indoor controller board	P, B.	Power supply board
DP	Drain Pump	CN2L	Connector (Lossanay)	F002	Fuse AC250V 6, 3A
FS	Floater Switch	CN32	Connector (Remote switch)	F003	Fuse AC250V 6, 3A
MF	Fan Motor	CN41	Connector (HA terminal-A)	X10	Aux. relay
TB2	Terminal block (Power source line)	CN51	Connector (Centrally control)	ZNR01	Varistor
TB4	Terminal block (Indoor/Outdoor connecting line)	CN90	Connector (Wireless)	ZNR02	Varistor
TB15	Terminal block (Remote controller transmission line)	CN105	Connector (II terminal)	ZNR03	Varistor
TH1	Intake air temp. thermistor	SW1	Switch (for model selection)	W, B.	Wireless remote controller board
TH2	Pipe temp. thermistor/liquid	SW2	Switch (for capacity code)	RU	Receiving unit
TH5	Cond. rev. temp. thermistor	SW5	Switch (for system selection)	BZ1	Buzzer
I, B.	Indoor controller board	SW6	Connector (Emergency operation)	LED1	LED (Run indicator)
LED1	LED (Power supply)	P, B.	Power supply board	SW1	Switch (Heating ON/OFF)
LED2	LED (Remote controller supply)	DB	Diode Bridge	SW2	Switch (Cooling ON/OFF)
LED3	LED (Transmission Indoor-Outdoor)	DSA1	Arrester	R, B.	Remote controller board
		F001A	Fuse AC250V 15A	TB6	Terminal block (Remote controller transmission line)

NOTE)1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers(S1, S2, S3).
3. Symbols used in wiring diagram are
○ ○ ○ ○ : Connector, □ : Terminal,
— (Heavy dotted line): Field wiring,
- - - (Thin dotted line): Optional parts.

DIP SWITCH SETTING



**PEAD-SM35JA(L), PEAD-SM50JA(L), PEAD-SM60JA(L)
PEAD-SM71JA(L)2, PEAD-SM100JA(L)2, PEAD-SM125JA(L)2, PEAD-SM140JA(L)2**



CEILING-CONCEALED WIRING DIAGRAM

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board
DP	Drain Pump	CN105	Connector (IT terminal)
FS	Float switch	CNP	Connector (Drain Pump)
F2	Fuse DC400V 3A	CN4F	Connector (Float switch)
MF	Fan Motor	SW1	Switch (for model selection)
TB4	Terminal block (Indoor/Outdoor connecting line)	SW2	Switch (for capacity code)
TB15	Terminal block (Remote controller transmission line)	SW5	Switch (for system selection)
TH1	Inlet air temp. thermistor	SWE	Connector (Emergency operation)
TH2	Pipe temp. thermistor/liquid	SA	Arrester
TH5	Cond./eva. temp. thermistor	F1	Fuse AC250V 6.3A
I.B.	Indoor controller board	ZNR001,002	Varistor
LED1	LED (Power supply)	W.B.	Wireless remote controller board
LED2	LED (Remote controller supply)	RU	Receiving unit
LED3	LED (Transmission Indoor-Outdoor)	BZ1	Buzzer
CN2A	Connector (0-10V Analog input)	LED1	LED (Run indicator)
CN2L	Connector (Lossanay)	SW1	Switch (Heating ON/OFF)
CN32	Connector (Remote switch)	SW2	Switch (Cooling ON/OFF)
CN41	Connector (HA terminal-A)	R.B.	Remote controller board
CN51	Connector (Centrally control)	TB6	Terminal block (Remote controller transmission line)
CN90	Connector (Wireless)		

MODEL	SW1	SW2	SW5
PEAD-SM35JA(L)	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8
PEAD-SM50JA(L)	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8
PEAD-SM60JA(L)	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8
PEAD-SM71JA(L)2	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8
PEAD-SM100JA(L)2	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8
PEAD-SM125JA(L)2	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8
PEAD-SM140JA(L)2	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] 1 2 3 4 5	ON [] [] [] [] [] [] [] [] 1 2 3 4 5 6 7 8

Set the SW5-8 to OFF when a remote controller other than PAR-4*MAA/CT01MAA is connected.

- NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Symbols used in wiring diagram are [] : Connector, [] : Terminal,
 ----- (Heavy dotted line): Field wiring,
 - - - - - (Thin dotted line): Optional parts.
 4. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
 *Be sure to turn off the SWE after completing a drainage test or test run.

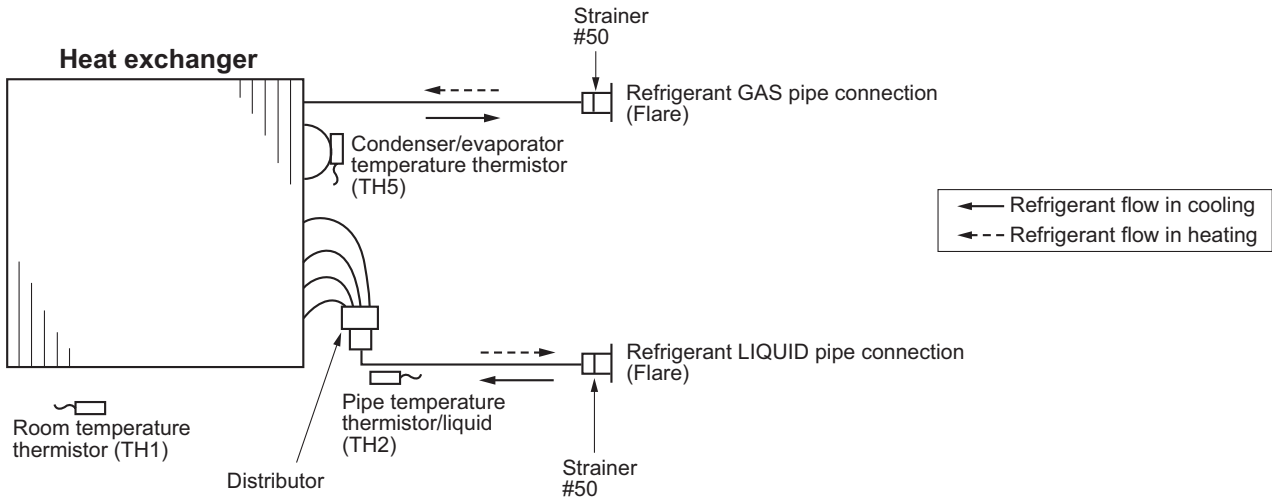
A.6.4 REFRIGERANT SYSTEM DIAGRAM

PEAD-M35JA2
 PEAD-M35JAL2
 PEAD-M50JA2
 PEAD-M50JAL2
 PEAD-M60JA2
 PEAD-M60JAL2
 PEAD-M71JA2
 PEAD-M71JAL2

PEAD-M100JA2
 PEAD-M100JAL2
 PEAD-M125JA2
 PEAD-M125JAL2
 PEAD-M140JA2
 PEAD-M140JAL2

PEAD-SM35JA
 PEAD-SM35JAL
 PEAD-SM50JA
 PEAD-SM50JAL
 PEAD-SM60JA
 PEAD-SM60JAL
 PEAD-SM71JA2
 PEAD-SM71JAL2

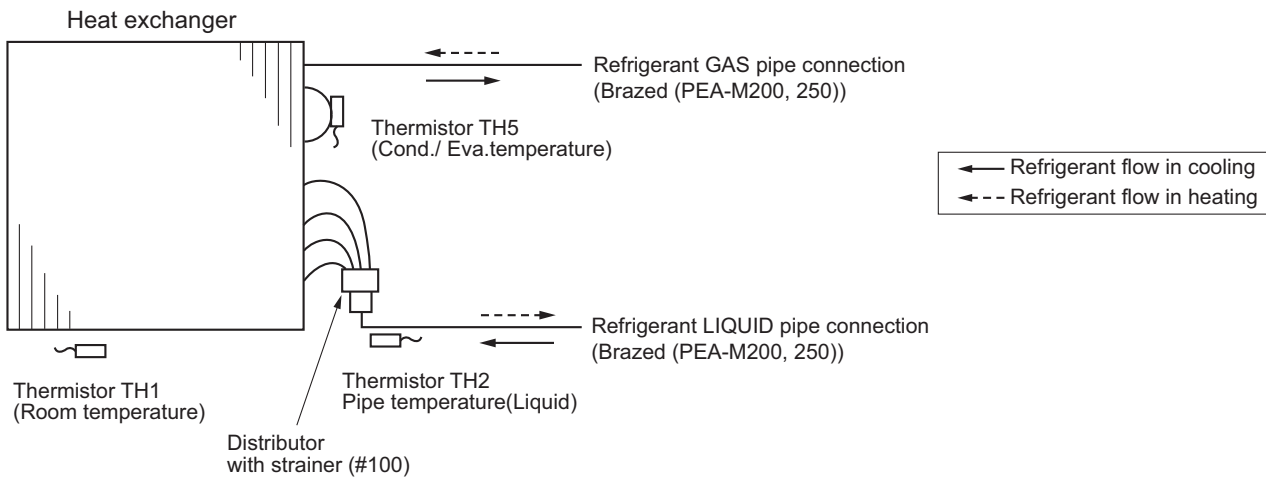
PEAD-SM100JA2
 PEAD-SM100JAL2
 PEAD-SM125JA2
 PEAD-SM125JAL2
 PEAD-SM140JA2
 PEAD-SM140JAL2



CEILING-
CONCEALED

REFRIGERANT SYSTEM DIAGRAM

PEA-M200LA2
 PEA-M250LA2



A.6.5 PERFORMANCE DATA

A.6.5.1 R32 type

COOLING CAPACITY

PEAD-M35JA(L)2 / PUZ-ZM35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.673	0.75	0.670	3.456	2.592	0.75	0.707	3.348	2.511	0.75	0.749
20	18	3.816	2.404	0.63	0.682	3.708	2.336	0.63	0.720	3.582	2.257	0.63	0.770
20	20	4.104	2.093	0.51	0.703	4.014	2.047	0.51	0.737	3.906	1.992	0.51	0.787
22	16	3.564	2.958	0.83	0.670	3.456	2.868	0.83	0.707	3.348	2.779	0.83	0.749
22	18	3.816	2.709	0.71	0.682	3.708	2.633	0.71	0.720	3.582	2.543	0.71	0.770
22	20	4.104	2.421	0.59	0.703	4.014	2.368	0.59	0.737	3.906	2.305	0.59	0.787
24	16	3.564	3.243	0.91	0.670	3.456	3.145	0.91	0.707	3.348	3.047	0.91	0.749
24	18	3.816	3.015	0.79	0.682	3.708	2.929	0.79	0.720	3.582	2.830	0.79	0.770
24	20	4.104	2.750	0.67	0.703	4.014	2.689	0.67	0.737	3.906	2.617	0.67	0.787
24	22	4.374	2.406	0.55	0.720	4.284	2.356	0.55	0.762	4.176	2.297	0.55	0.812
26	16	3.564	3.528	0.99	0.670	3.456	3.421	0.99	0.707	3.348	3.315	0.99	0.749
26	18	3.816	3.320	0.87	0.682	3.708	3.226	0.87	0.720	3.582	3.116	0.87	0.770
26	20	4.104	3.078	0.75	0.703	4.014	3.011	0.75	0.737	3.906	2.930	0.75	0.787
26	22	4.374	2.756	0.63	0.720	4.284	2.699	0.63	0.762	4.176	2.631	0.63	0.812
27	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
27	18	3.816	3.473	0.91	0.682	3.708	3.374	0.91	0.720	3.582	3.260	0.91	0.770
27	20	4.104	3.242	0.79	0.703	4.014	3.171	0.79	0.737	3.906	3.086	0.79	0.787
27	22	4.374	2.931	0.67	0.720	4.284	2.870	0.67	0.762	4.176	2.798	0.67	0.812
28	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
28	18	3.816	3.625	0.95	0.682	3.708	3.523	0.95	0.720	3.582	3.403	0.95	0.770
28	20	4.104	3.406	0.83	0.703	4.014	3.332	0.83	0.737	3.906	3.242	0.83	0.787
28	22	4.374	3.106	0.71	0.720	4.284	3.042	0.71	0.762	4.176	2.965	0.71	0.812
30	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
30	18	3.816	3.816	1.00	0.682	3.708	3.708	1.00	0.720	3.582	3.582	1.00	0.770
30	20	4.104	3.735	0.91	0.703	4.014	3.653	0.91	0.737	3.906	3.554	0.91	0.787
30	22	4.374	3.455	0.79	0.720	4.284	3.384	0.79	0.762	4.176	3.299	0.79	0.812
32	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
32	18	3.816	3.816	1.00	0.682	3.708	3.708	1.00	0.720	3.582	3.582	1.00	0.770
32	20	4.104	4.063	0.99	0.703	4.014	3.974	0.99	0.737	3.906	3.867	0.99	0.787
32	22	4.374	3.805	0.87	0.720	4.284	3.727	0.87	0.762	4.176	3.633	0.87	0.812
34	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
34	18	3.816	3.816	1.00	0.682	3.708	3.708	1.00	0.720	3.582	3.582	1.00	0.770
34	20	4.104	4.104	1.00	0.703	4.014	4.014	1.00	0.737	3.906	3.906	1.00	0.787
34	22	4.374	4.155	0.95	0.720	4.284	4.070	0.95	0.762	4.176	3.967	0.95	0.812

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.403	0.75	0.804	3.060	2.295	0.75	0.862	2.916	2.187	0.75	0.933
20	18	3.456	2.177	0.63	0.824	3.348	2.109	0.63	0.887	3.132	1.973	0.63	0.954
20	20	3.744	1.909	0.51	0.845	3.600	1.836	0.51	0.904	3.384	1.726	0.51	0.971
22	16	3.204	2.659	0.83	0.804	3.060	2.540	0.83	0.862	2.916	2.420	0.83	0.933
22	18	3.456	2.454	0.71	0.824	3.348	2.377	0.71	0.887	3.132	2.224	0.71	0.954
22	20	3.744	2.209	0.59	0.845	3.600	2.124	0.59	0.904	3.384	1.997	0.59	0.971
24	16	3.204	2.916	0.91	0.804	3.060	2.785	0.91	0.862	2.916	2.654	0.91	0.933
24	18	3.456	2.730	0.79	0.824	3.348	2.645	0.79	0.887	3.132	2.474	0.79	0.954
24	20	3.744	2.508	0.67	0.845	3.600	2.412	0.67	0.904	3.384	2.267	0.67	0.971
24	22	4.032	2.218	0.55	0.862	3.888	2.138	0.55	0.929	3.672	2.020	0.55	0.988
26	16	3.204	3.172	0.99	0.804	3.060	3.029	0.99	0.862	2.916	2.887	0.99	0.933
26	18	3.456	3.007	0.87	0.824	3.348	2.913	0.87	0.887	3.132	2.725	0.87	0.954
26	20	3.744	2.808	0.75	0.845	3.600	2.700	0.75	0.904	3.384	2.538	0.75	0.971
26	22	4.032	2.540	0.63	0.862	3.888	2.449	0.63	0.929	3.672	2.313	0.63	0.988
27	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
27	18	3.456	3.145	0.91	0.824	3.348	3.047	0.91	0.887	3.132	2.850	0.91	0.954
27	20	3.744	2.958	0.79	0.845	3.600	2.844	0.79	0.904	3.384	2.673	0.79	0.971
27	22	4.032	2.701	0.67	0.862	3.888	2.605	0.67	0.929	3.672	2.460	0.67	0.988
28	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
28	18	3.456	3.283	0.95	0.824	3.348	3.181	0.95	0.887	3.132	2.975	0.95	0.954
28	20	3.744	3.108	0.83	0.845	3.600	2.988	0.83	0.904	3.384	2.809	0.83	0.971
28	22	4.032	2.863	0.71	0.862	3.888	2.760	0.71	0.929	3.672	2.607	0.71	0.988
30	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
30	18	3.456	3.456	1.00	0.824	3.348	3.348	1.00	0.887	3.132	3.132	1.00	0.954
30	20	3.744	3.407	0.91	0.845	3.600	3.276	0.91	0.904	3.384	3.079	0.91	0.971
30	22	4.032	3.185	0.79	0.862	3.888	3.072	0.79	0.929	3.672	2.901	0.79	0.988
32	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
32	18	3.456	3.456	1.00	0.824	3.348	3.348	1.00	0.887	3.132	3.132	1.00	0.954
32	20	3.744	3.707	0.99	0.845	3.600	3.564	0.99	0.904	3.384	3.350	0.99	0.971
32	22	4.032	3.508	0.87	0.862	3.888	3.383	0.87	0.929	3.672	3.195	0.87	0.988
34	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
34	18	3.456	3.456	1.00	0.824	3.348	3.348	1.00	0.887	3.132	3.132	1.00	0.954
34	20	3.744	3.744	1.00	0.845	3.600	3.600	1.00	0.904	3.384	3.384	1.00	0.971
34	22	4.032	3.830	0.95	0.862	3.888	3.694	0.95	0.929	3.672	3.488	0.95	0.988

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / PUZ-ZM50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.663	0.74	0.952	4.800	3.552	0.74	1.006	4.650	3.441	0.74	1.065
20	18	5.300	3.286	0.62	0.970	5.150	3.193	0.62	1.023	4.975	3.085	0.62	1.095
20	20	5.700	2.850	0.50	1.000	5.575	2.788	0.50	1.047	5.425	2.713	0.50	1.119
22	16	4.950	4.059	0.82	0.952	4.800	3.936	0.82	1.006	4.650	3.813	0.82	1.065
22	18	5.300	3.710	0.70	0.970	5.150	3.605	0.70	1.023	4.975	3.483	0.70	1.095
22	20	5.700	3.306	0.58	1.000	5.575	3.234	0.58	1.047	5.425	3.147	0.58	1.119
24	16	4.950	4.455	0.90	0.952	4.800	4.320	0.90	1.006	4.650	4.185	0.90	1.065
24	18	5.300	4.134	0.78	0.970	5.150	4.017	0.78	1.023	4.975	3.881	0.78	1.095
24	20	5.700	3.762	0.66	1.000	5.575	3.680	0.66	1.047	5.425	3.581	0.66	1.119
24	22	6.075	3.281	0.54	1.023	5.950	3.213	0.54	1.083	5.800	3.132	0.54	1.154
26	16	4.950	4.851	0.98	0.952	4.800	4.704	0.98	1.006	4.650	4.557	0.98	1.065
26	18	5.300	4.558	0.86	0.970	5.150	4.429	0.86	1.023	4.975	4.279	0.86	1.095
26	20	5.700	4.218	0.74	1.000	5.575	4.126	0.74	1.047	5.425	4.015	0.74	1.119
26	22	6.075	3.767	0.62	1.023	5.950	3.689	0.62	1.083	5.800	3.596	0.62	1.154
27	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
27	18	5.300	4.770	0.90	0.970	5.150	4.635	0.90	1.023	4.975	4.478	0.90	1.095
27	20	5.700	4.446	0.78	1.000	5.575	4.349	0.78	1.047	5.425	4.232	0.78	1.119
27	22	6.075	4.010	0.66	1.023	5.950	3.927	0.66	1.083	5.800	3.828	0.66	1.154
28	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
28	18	5.300	4.982	0.94	0.970	5.150	4.841	0.94	1.023	4.975	4.677	0.94	1.095
28	20	5.700	4.674	0.82	1.000	5.575	4.572	0.82	1.047	5.425	4.449	0.82	1.119
28	22	6.075	4.253	0.70	1.023	5.950	4.165	0.70	1.083	5.800	4.060	0.70	1.154
30	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
30	18	5.300	5.300	1.00	0.970	5.150	5.150	1.00	1.023	4.975	4.975	1.00	1.095
30	20	5.700	5.130	0.90	1.000	5.575	5.018	0.90	1.047	5.425	4.883	0.90	1.119
30	22	6.075	4.739	0.78	1.023	5.950	4.641	0.78	1.083	5.800	4.524	0.78	1.154
32	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
32	18	5.300	5.300	1.00	0.970	5.150	5.150	1.00	1.023	4.975	4.975	1.00	1.095
32	20	5.700	5.586	0.98	1.000	5.575	5.464	0.98	1.047	5.425	5.317	0.98	1.119
32	22	6.075	5.225	0.86	1.023	5.950	5.117	0.86	1.083	5.800	4.988	0.86	1.154
34	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
34	18	5.300	5.300	1.00	0.970	5.150	5.150	1.00	1.023	4.975	4.975	1.00	1.095
34	20	5.700	5.700	1.00	1.000	5.575	5.575	1.00	1.047	5.425	5.425	1.00	1.119
34	22	6.075	5.711	0.94	1.023	5.950	5.593	0.94	1.083	5.800	5.452	0.94	1.154

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.293	0.74	1.142	4.250	3.145	0.74	1.226	4.050	2.997	0.74	1.327
20	18	4.800	2.976	0.62	1.172	4.650	2.883	0.62	1.261	4.350	2.697	0.62	1.357
20	20	5.200	2.600	0.50	1.202	5.000	2.500	0.50	1.285	4.700	2.350	0.50	1.380
22	16	4.450	3.649	0.82	1.142	4.250	3.485	0.82	1.226	4.050	3.321	0.82	1.327
22	18	4.800	3.360	0.70	1.172	4.650	3.255	0.70	1.261	4.350	3.045	0.70	1.357
22	20	5.200	3.016	0.58	1.202	5.000	2.900	0.58	1.285	4.700	2.726	0.58	1.380
24	16	4.450	4.005	0.90	1.142	4.250	3.825	0.90	1.226	4.050	3.645	0.90	1.327
24	18	4.800	3.744	0.78	1.172	4.650	3.627	0.78	1.261	4.350	3.393	0.78	1.357
24	20	5.200	3.432	0.66	1.202	5.000	3.300	0.66	1.285	4.700	3.102	0.66	1.380
24	22	5.600	3.024	0.54	1.226	5.400	2.916	0.54	1.321	5.100	2.754	0.54	1.404
26	16	4.450	4.361	0.98	1.142	4.250	4.165	0.98	1.226	4.050	3.969	0.98	1.327
26	18	4.800	4.128	0.86	1.172	4.650	3.999	0.86	1.261	4.350	3.741	0.86	1.357
26	20	5.200	3.848	0.74	1.202	5.000	3.700	0.74	1.285	4.700	3.478	0.74	1.380
26	22	5.600	3.472	0.62	1.226	5.400	3.348	0.62	1.321	5.100	3.162	0.62	1.404
27	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
27	18	4.800	4.320	0.90	1.172	4.650	4.185	0.90	1.261	4.350	3.915	0.90	1.357
27	20	5.200	4.056	0.78	1.202	5.000	3.900	0.78	1.285	4.700	3.666	0.78	1.380
27	22	5.600	3.696	0.66	1.226	5.400	3.564	0.66	1.321	5.100	3.366	0.66	1.404
28	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
28	18	4.800	4.512	0.94	1.172	4.650	4.371	0.94	1.261	4.350	4.089	0.94	1.357
28	20	5.200	4.264	0.82	1.202	5.000	4.100	0.82	1.285	4.700	3.854	0.82	1.380
28	22	5.600	3.920	0.70	1.226	5.400	3.780	0.70	1.321	5.100	3.570	0.70	1.404
30	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
30	18	4.800	4.800	1.00	1.172	4.650	4.650	1.00	1.261	4.350	4.350	1.00	1.357
30	20	5.200	4.680	0.90	1.202	5.000	4.500	0.90	1.285	4.700	4.230	0.90	1.380
30	22	5.600	4.368	0.78	1.226	5.400	4.212	0.78	1.321	5.100	3.978	0.78	1.404
32	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
32	18	4.800	4.800	1.00	1.172	4.650	4.650	1.00	1.261	4.350	4.350	1.00	1.357
32	20	5.200	5.096	0.98	1.202	5.000	4.900	0.98	1.285	4.700	4.606	0.98	1.380
32	22	5.600	4.816	0.86	1.226	5.400	4.644	0.86	1.321	5.100	4.386	0.86	1.404
34	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
34	18	4.800	4.800	1.00	1.172	4.650	4.650	1.00	1.261	4.350	4.350	1.00	1.357
34	20	5.200	5.200	1.00	1.202	5.000	5.000	1.00	1.285	4.700	4.700	1.00	1.380
34	22	5.600	5.264	0.94	1.226	5.400	5.076	0.94	1.321	5.100	4.794	0.94	1.404

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / PUZ-ZM60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.408	0.73	1.190	5.856	4.275	0.73	1.257	5.673	4.141	0.73	1.331
20	18	6.466	3.944	0.61	1.212	6.283	3.833	0.61	1.279	6.070	3.703	0.61	1.368
20	20	6.954	3.407	0.49	1.249	6.802	3.333	0.49	1.309	6.619	3.243	0.49	1.398
22	16	6.039	4.892	0.81	1.190	5.856	4.743	0.81	1.257	5.673	4.595	0.81	1.331
22	18	6.466	4.462	0.69	1.212	6.283	4.335	0.69	1.279	6.070	4.188	0.69	1.368
22	20	6.954	3.964	0.57	1.249	6.802	3.877	0.57	1.309	6.619	3.773	0.57	1.398
24	16	6.039	5.375	0.89	1.190	5.856	5.212	0.89	1.257	5.673	5.049	0.89	1.331
24	18	6.466	4.979	0.77	1.212	6.283	4.838	0.77	1.279	6.070	4.674	0.77	1.368
24	20	6.954	4.520	0.65	1.249	6.802	4.421	0.65	1.309	6.619	4.302	0.65	1.398
24	22	7.412	3.928	0.53	1.279	7.259	3.847	0.53	1.353	7.076	3.750	0.53	1.442
26	16	6.039	5.858	0.97	1.190	5.856	5.680	0.97	1.257	5.673	5.503	0.97	1.331
26	18	6.466	5.496	0.85	1.212	6.283	5.341	0.85	1.279	6.070	5.160	0.85	1.368
26	20	6.954	5.076	0.73	1.249	6.802	4.965	0.73	1.309	6.619	4.832	0.73	1.398
26	22	7.412	4.521	0.61	1.279	7.259	4.428	0.61	1.353	7.076	4.316	0.61	1.442
27	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
27	18	6.466	5.755	0.89	1.212	6.283	5.592	0.89	1.279	6.070	5.402	0.89	1.368
27	20	6.954	5.355	0.77	1.249	6.802	5.238	0.77	1.309	6.619	5.097	0.77	1.398
27	22	7.412	4.818	0.65	1.279	7.259	4.718	0.65	1.353	7.076	4.599	0.65	1.442
28	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
28	18	6.466	6.013	0.93	1.212	6.283	5.843	0.93	1.279	6.070	5.645	0.93	1.368
28	20	6.954	5.633	0.81	1.249	6.802	5.510	0.81	1.309	6.619	5.361	0.81	1.398
28	22	7.412	5.114	0.69	1.279	7.259	5.009	0.69	1.353	7.076	4.882	0.69	1.442
30	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
30	18	6.466	6.466	1.00	1.212	6.283	6.283	1.00	1.279	6.070	6.070	1.00	1.368
30	20	6.954	6.189	0.89	1.249	6.802	6.054	0.89	1.309	6.619	5.891	0.89	1.398
30	22	7.412	5.707	0.77	1.279	7.259	5.589	0.77	1.353	7.076	5.449	0.77	1.442
32	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
32	18	6.466	6.466	1.00	1.212	6.283	6.283	1.00	1.279	6.070	6.070	1.00	1.368
32	20	6.954	6.745	0.97	1.249	6.802	6.598	0.97	1.309	6.619	6.420	0.97	1.398
32	22	7.412	6.300	0.85	1.279	7.259	6.170	0.85	1.353	7.076	6.015	0.85	1.442
34	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
34	18	6.466	6.466	1.00	1.212	6.283	6.283	1.00	1.279	6.070	6.070	1.00	1.368
34	20	6.954	6.954	1.00	1.249	6.802	6.802	1.00	1.309	6.619	6.619	1.00	1.398
34	22	7.412	6.893	0.93	1.279	7.259	6.751	0.93	1.353	7.076	6.581	0.93	1.442

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.963	0.73	1.428	5.185	3.785	0.73	1.532	4.941	3.607	0.73	1.658
20	18	5.856	3.572	0.61	1.465	5.673	3.461	0.61	1.576	5.307	3.237	0.61	1.695
20	20	6.344	3.109	0.49	1.502	6.100	2.989	0.49	1.606	5.734	2.810	0.49	1.725
22	16	5.429	4.397	0.81	1.428	5.185	4.200	0.81	1.532	4.941	4.002	0.81	1.658
22	18	5.856	4.041	0.69	1.465	5.673	3.914	0.69	1.576	5.307	3.662	0.69	1.695
22	20	6.344	3.616	0.57	1.502	6.100	3.477	0.57	1.606	5.734	3.268	0.57	1.725
24	16	5.429	4.832	0.89	1.428	5.185	4.615	0.89	1.532	4.941	4.397	0.89	1.658
24	18	5.856	4.509	0.77	1.465	5.673	4.368	0.77	1.576	5.307	4.086	0.77	1.695
24	20	6.344	4.124	0.65	1.502	6.100	3.965	0.65	1.606	5.734	3.727	0.65	1.725
24	22	6.832	3.621	0.53	1.532	6.588	3.492	0.53	1.651	6.222	3.298	0.53	1.755
26	16	5.429	5.266	0.97	1.428	5.185	5.029	0.97	1.532	4.941	4.793	0.97	1.658
26	18	5.856	4.978	0.85	1.465	5.673	4.822	0.85	1.576	5.307	4.511	0.85	1.695
26	20	6.344	4.631	0.73	1.502	6.100	4.453	0.73	1.606	5.734	4.186	0.73	1.725
26	22	6.832	4.168	0.61	1.532	6.588	4.019	0.61	1.651	6.222	3.795	0.61	1.755
27	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
27	18	5.856	5.212	0.89	1.465	5.673	5.049	0.89	1.576	5.307	4.723	0.89	1.695
27	20	6.344	4.885	0.77	1.502	6.100	4.697	0.77	1.606	5.734	4.415	0.77	1.725
27	22	6.832	4.441	0.65	1.532	6.588	4.282	0.65	1.651	6.222	4.044	0.65	1.755
28	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
28	18	5.856	5.446	0.93	1.465	5.673	5.276	0.93	1.576	5.307	4.936	0.93	1.695
28	20	6.344	5.139	0.81	1.502	6.100	4.941	0.81	1.606	5.734	4.645	0.81	1.725
28	22	6.832	4.714	0.69	1.532	6.588	4.546	0.69	1.651	6.222	4.293	0.69	1.755
30	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
30	18	5.856	5.856	1.00	1.465	5.673	5.673	1.00	1.576	5.307	5.307	1.00	1.695
30	20	6.344	5.646	0.89	1.502	6.100	5.429	0.89	1.606	5.734	5.103	0.89	1.725
30	22	6.832	5.261	0.77	1.532	6.588	5.073	0.77	1.651	6.222	4.791	0.77	1.755
32	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
32	18	5.856	5.856	1.00	1.465	5.673	5.673	1.00	1.576	5.307	5.307	1.00	1.695
32	20	6.344	6.154	0.97	1.502	6.100	5.917	0.97	1.606	5.734	5.562	0.97	1.725
32	22	6.832	5.807	0.85	1.532	6.588	5.600	0.85	1.651	6.222	5.289	0.85	1.755
34	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
34	18	5.856	5.856	1.00	1.465	5.673	5.673	1.00	1.576	5.307	5.307	1.00	1.695
34	20	6.344	6.344	1.00	1.502	6.100	6.100	1.00	1.606	5.734	5.734	1.00	1.725
34	22	6.832	6.354	0.93	1.532	6.588	6.127	0.93	1.651	6.222	5.786	0.93	1.755

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / PUZ-ZM71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.920	0.70	1.420	6.816	4.771	0.70	1.500	6.603	4.622	0.70	1.589
20	18	7.526	4.365	0.58	1.447	7.313	4.242	0.58	1.527	7.065	4.098	0.58	1.633
20	20	8.094	3.723	0.46	1.491	7.917	3.642	0.46	1.562	7.704	3.544	0.46	1.669
22	16	7.029	5.483	0.78	1.420	6.816	5.316	0.78	1.500	6.603	5.150	0.78	1.589
22	18	7.526	4.967	0.66	1.447	7.313	4.827	0.66	1.527	7.065	4.663	0.66	1.633
22	20	8.094	4.371	0.54	1.491	7.917	4.275	0.54	1.562	7.704	4.160	0.54	1.669
24	16	7.029	6.045	0.86	1.420	6.816	5.862	0.86	1.500	6.603	5.679	0.86	1.589
24	18	7.526	5.569	0.74	1.447	7.313	5.412	0.74	1.527	7.065	5.228	0.74	1.633
24	20	8.094	5.018	0.62	1.491	7.917	4.909	0.62	1.562	7.704	4.776	0.62	1.669
24	22	8.627	4.314	0.50	1.527	8.449	4.225	0.50	1.615	8.236	4.118	0.50	1.722
26	16	7.029	6.607	0.94	1.420	6.816	6.407	0.94	1.500	6.603	6.207	0.94	1.589
26	18	7.526	6.171	0.82	1.447	7.313	5.997	0.82	1.527	7.065	5.793	0.82	1.633
26	20	8.094	5.666	0.70	1.491	7.917	5.542	0.70	1.562	7.704	5.393	0.70	1.669
26	22	8.627	5.004	0.58	1.527	8.449	4.900	0.58	1.615	8.236	4.777	0.58	1.722
27	16	7.029	6.888	0.98	1.420	6.816	6.680	0.98	1.500	6.603	6.471	0.98	1.589
27	18	7.526	6.472	0.86	1.447	7.313	6.289	0.86	1.527	7.065	6.076	0.86	1.633
27	20	8.094	5.990	0.74	1.491	7.917	5.859	0.74	1.562	7.704	5.701	0.74	1.669
27	22	8.627	5.349	0.62	1.527	8.449	5.238	0.62	1.615	8.236	5.106	0.62	1.722
28	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
28	18	7.526	6.773	0.90	1.447	7.313	6.582	0.90	1.527	7.065	6.359	0.90	1.633
28	20	8.094	6.313	0.78	1.491	7.917	6.175	0.78	1.562	7.704	6.009	0.78	1.669
28	22	8.627	5.694	0.66	1.527	8.449	5.576	0.66	1.615	8.236	5.436	0.66	1.722
30	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
30	18	7.526	7.375	0.98	1.447	7.313	7.167	0.98	1.527	7.065	6.924	0.98	1.633
30	20	8.094	6.961	0.86	1.491	7.917	6.809	0.86	1.562	7.704	6.625	0.86	1.669
30	22	8.627	6.384	0.74	1.527	8.449	6.252	0.74	1.615	8.236	6.095	0.74	1.722
32	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
32	18	7.526	7.526	1.00	1.447	7.313	7.313	1.00	1.527	7.065	7.065	1.00	1.633
32	20	8.094	7.608	0.94	1.491	7.917	7.442	0.94	1.562	7.704	7.242	0.94	1.669
32	22	8.627	7.074	0.82	1.527	8.449	6.928	0.82	1.615	8.236	6.754	0.82	1.722
34	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
34	18	7.526	7.526	1.00	1.447	7.313	7.313	1.00	1.527	7.065	7.065	1.00	1.633
34	20	8.094	8.094	1.00	1.491	7.917	7.917	1.00	1.562	7.704	7.704	1.00	1.669
34	22	8.627	7.764	0.90	1.527	8.449	7.604	0.90	1.615	8.236	7.412	0.90	1.722

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.423	0.70	1.704	6.035	4.225	0.70	1.828	5.751	4.026	0.70	1.979
20	18	6.816	3.953	0.58	1.748	6.603	3.830	0.58	1.882	6.177	3.583	0.58	2.024
20	20	7.384	3.397	0.46	1.793	7.100	3.266	0.46	1.917	6.674	3.070	0.46	2.059
22	16	6.319	4.929	0.78	1.704	6.035	4.707	0.78	1.828	5.751	4.486	0.78	1.979
22	18	6.816	4.499	0.66	1.748	6.603	4.358	0.66	1.882	6.177	4.077	0.66	2.024
22	20	7.384	3.987	0.54	1.793	7.100	3.834	0.54	1.917	6.674	3.604	0.54	2.059
24	16	6.319	5.434	0.86	1.704	6.035	5.190	0.86	1.828	5.751	4.946	0.86	1.979
24	18	6.816	5.044	0.74	1.748	6.603	4.866	0.74	1.882	6.177	4.571	0.74	2.024
24	20	7.384	4.578	0.62	1.793	7.100	4.402	0.62	1.917	6.674	4.138	0.62	2.059
24	22	7.952	3.976	0.50	1.828	7.668	3.834	0.50	1.970	7.242	3.621	0.50	2.095
26	16	6.319	5.940	0.94	1.704	6.035	5.673	0.94	1.828	5.751	5.406	0.94	1.979
26	18	6.816	5.589	0.82	1.748	6.603	5.414	0.82	1.882	6.177	5.065	0.82	2.024
26	20	7.384	5.169	0.70	1.793	7.100	4.970	0.70	1.917	6.674	4.672	0.70	2.059
26	22	7.952	4.612	0.58	1.828	7.668	4.447	0.58	1.970	7.242	4.200	0.58	2.095
27	16	6.319	6.193	0.98	1.704	6.035	5.914	0.98	1.828	5.751	5.636	0.98	1.979
27	18	6.816	5.862	0.86	1.748	6.603	5.679	0.86	1.882	6.177	5.312	0.86	2.024
27	20	7.384	5.464	0.74	1.793	7.100	5.254	0.74	1.917	6.674	4.939	0.74	2.059
27	22	7.952	4.930	0.62	1.828	7.668	4.754	0.62	1.970	7.242	4.490	0.62	2.095
28	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
28	18	6.816	6.134	0.90	1.748	6.603	5.943	0.90	1.882	6.177	5.559	0.90	2.024
28	20	7.384	5.760	0.78	1.793	7.100	5.538	0.78	1.917	6.674	5.206	0.78	2.059
28	22	7.952	5.248	0.66	1.828	7.668	5.061	0.66	1.970	7.242	4.780	0.66	2.095
30	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
30	18	6.816	6.680	0.98	1.748	6.603	6.471	0.98	1.882	6.177	6.053	0.98	2.024
30	20	7.384	6.350	0.86	1.793	7.100	6.106	0.86	1.917	6.674	5.740	0.86	2.059
30	22	7.952	5.884	0.74	1.828	7.668	5.674	0.74	1.970	7.242	5.359	0.74	2.095
32	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
32	18	6.816	6.816	1.00	1.748	6.603	6.603	1.00	1.882	6.177	6.177	1.00	2.024
32	20	7.384	6.941	0.94	1.793	7.100	6.674	0.94	1.917	6.674	6.274	0.94	2.059
32	22	7.952	6.521	0.82	1.828	7.668	6.288	0.82	1.970	7.242	5.938	0.82	2.095
34	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
34	18	6.816	6.816	1.00	1.748	6.603	6.603	1.00	1.882	6.177	6.177	1.00	2.024
34	20	7.384	7.384	1.00	1.793	7.100	7.100	1.00	1.917	6.674	6.674	1.00	2.059
34	22	7.952	7.157	0.90	1.828	7.668	6.901	0.90	1.970	7.242	6.518	0.90	2.095

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M100JA(L)2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	1.809	9.120	6.566	0.72	1.911	8.835	6.361	0.72	2.024
20	18	10.070	6.042	0.60	1.843	9.785	5.871	0.60	1.944	9.453	5.672	0.60	2.080
20	20	10.830	5.198	0.48	1.899	10.593	5.085	0.48	1.990	10.308	4.948	0.48	2.125
22	16	9.405	7.524	0.80	1.809	9.120	7.296	0.80	1.911	8.835	7.068	0.80	2.024
22	18	10.070	6.848	0.68	1.843	9.785	6.654	0.68	1.944	9.453	6.428	0.68	2.080
22	20	10.830	6.065	0.56	1.899	10.593	5.932	0.56	1.990	10.308	5.772	0.56	2.125
24	16	9.405	8.276	0.88	1.809	9.120	8.026	0.88	1.911	8.835	7.775	0.88	2.024
24	18	10.070	7.653	0.76	1.843	9.785	7.437	0.76	1.944	9.453	7.184	0.76	2.080
24	20	10.830	6.931	0.64	1.899	10.593	6.780	0.64	1.990	10.308	6.597	0.64	2.125
24	22	11.543	6.002	0.52	1.944	11.305	5.879	0.52	2.058	11.020	5.730	0.52	2.193
26	16	9.405	9.029	0.96	1.809	9.120	8.755	0.96	1.911	8.835	8.482	0.96	2.024
26	18	10.070	8.459	0.84	1.843	9.785	8.219	0.84	1.944	9.453	7.941	0.84	2.080
26	20	10.830	7.798	0.72	1.899	10.593	7.627	0.72	1.990	10.308	7.422	0.72	2.125
26	22	11.543	6.926	0.60	1.944	11.305	6.783	0.60	2.058	11.020	6.612	0.60	2.193
27	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
27	18	10.070	8.862	0.88	1.843	9.785	8.611	0.88	1.944	9.453	8.319	0.88	2.080
27	20	10.830	8.231	0.76	1.899	10.593	8.051	0.76	1.990	10.308	7.834	0.76	2.125
27	22	11.543	7.388	0.64	1.944	11.305	7.235	0.64	2.058	11.020	7.053	0.64	2.193
28	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
28	18	10.070	9.264	0.92	1.843	9.785	9.002	0.92	1.944	9.453	8.697	0.92	2.080
28	20	10.830	8.664	0.80	1.899	10.593	8.474	0.80	1.990	10.308	8.246	0.80	2.125
28	22	11.543	7.849	0.68	1.944	11.305	7.687	0.68	2.058	11.020	7.494	0.68	2.193
30	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
30	18	10.070	10.070	1.00	1.843	9.785	9.785	1.00	1.944	9.453	9.453	1.00	2.080
30	20	10.830	9.530	0.88	1.899	10.593	9.322	0.88	1.990	10.308	9.071	0.88	2.125
30	22	11.543	8.773	0.76	1.944	11.305	8.592	0.76	2.058	11.020	8.375	0.76	2.193
32	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
32	18	10.070	10.070	1.00	1.843	9.785	9.785	1.00	1.944	9.453	9.453	1.00	2.080
32	20	10.830	10.397	0.96	1.899	10.593	10.169	0.96	1.990	10.308	9.896	0.96	2.125
32	22	11.543	9.696	0.84	1.944	11.305	9.496	0.84	2.058	11.020	9.257	0.84	2.193
34	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
34	18	10.070	10.070	1.00	1.843	9.785	9.785	1.00	1.944	9.453	9.453	1.00	2.080
34	20	10.830	10.830	1.00	1.899	10.593	10.593	1.00	1.990	10.308	10.308	1.00	2.125
34	22	11.543	10.620	0.92	1.944	11.305	10.401	0.92	2.058	11.020	10.138	0.92	2.193

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.171	8.075	5.814	0.72	2.329	7.695	5.540	0.72	2.521
20	18	9.120	5.472	0.60	2.227	8.835	5.301	0.60	2.397	8.265	4.959	0.60	2.578
20	20	9.880	4.742	0.48	2.284	9.500	4.560	0.48	2.442	8.930	4.286	0.48	2.623
22	16	8.455	6.764	0.80	2.171	8.075	6.460	0.80	2.329	7.695	6.156	0.80	2.521
22	18	9.120	6.202	0.68	2.227	8.835	6.008	0.68	2.397	8.265	5.620	0.68	2.578
22	20	9.880	5.533	0.56	2.284	9.500	5.320	0.56	2.442	8.930	5.001	0.56	2.623
24	16	8.455	7.440	0.88	2.171	8.075	7.106	0.88	2.329	7.695	6.772	0.88	2.521
24	18	9.120	6.931	0.76	2.227	8.835	6.715	0.76	2.397	8.265	6.281	0.76	2.578
24	20	9.880	6.323	0.64	2.284	9.500	6.080	0.64	2.442	8.930	5.715	0.64	2.623
24	22	10.640	5.533	0.52	2.329	10.260	5.335	0.52	2.510	9.690	5.039	0.52	2.668
26	16	8.455	8.117	0.96	2.171	8.075	7.752	0.96	2.329	7.695	7.387	0.96	2.521
26	18	9.120	7.661	0.84	2.227	8.835	7.421	0.84	2.397	8.265	6.943	0.84	2.578
26	20	9.880	7.114	0.72	2.284	9.500	6.840	0.72	2.442	8.930	6.430	0.72	2.623
26	22	10.640	6.384	0.60	2.329	10.260	6.156	0.60	2.510	9.690	5.814	0.60	2.668
27	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
27	18	9.120	8.026	0.88	2.227	8.835	7.775	0.88	2.397	8.265	7.273	0.88	2.578
27	20	9.880	7.509	0.76	2.284	9.500	7.220	0.76	2.442	8.930	6.787	0.76	2.623
27	22	10.640	6.810	0.64	2.329	10.260	6.566	0.64	2.510	9.690	6.202	0.64	2.668
28	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
28	18	9.120	8.390	0.92	2.227	8.835	8.128	0.92	2.397	8.265	7.604	0.92	2.578
28	20	9.880	7.904	0.80	2.284	9.500	7.600	0.80	2.442	8.930	7.144	0.80	2.623
28	22	10.640	7.235	0.68	2.329	10.260	6.977	0.68	2.510	9.690	6.589	0.68	2.668
30	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
30	18	9.120	9.120	1.00	2.227	8.835	8.835	1.00	2.397	8.265	8.265	1.00	2.578
30	20	9.880	8.694	0.88	2.284	9.500	8.360	0.88	2.442	8.930	7.858	0.88	2.623
30	22	10.640	8.086	0.76	2.329	10.260	7.798	0.76	2.510	9.690	7.364	0.76	2.668
32	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
32	18	9.120	9.120	1.00	2.227	8.835	8.835	1.00	2.397	8.265	8.265	1.00	2.578
32	20	9.880	9.485	0.96	2.284	9.500	9.120	0.96	2.442	8.930	8.573	0.96	2.623
32	22	10.640	8.938	0.84	2.329	10.260	8.618	0.84	2.510	9.690	8.140	0.84	2.668
34	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
34	18	9.120	9.120	1.00	2.227	8.835	8.835	1.00	2.397	8.265	8.265	1.00	2.578
34	20	9.880	9.880	1.00	2.284	9.500	9.500	1.00	2.442	8.930	8.930	1.00	2.623
34	22	10.640	9.789	0.92	2.329	10.260	9.439	0.92	2.510	9.690	8.915	0.92	2.668

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M125JA(L)2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	8.415	0.68	2.666	12.000	8.160	0.68	2.816	11.625	7.905	0.68	2.983
20	18	13.250	7.420	0.56	2.716	12.875	7.210	0.56	2.866	12.438	6.965	0.56	3.066
20	20	14.250	6.270	0.44	2.800	13.938	6.133	0.44	2.933	13.563	5.968	0.44	3.133
22	16	12.375	9.405	0.76	2.666	12.000	9.120	0.76	2.816	11.625	8.835	0.76	2.983
22	18	13.250	8.480	0.64	2.716	12.875	8.240	0.64	2.866	12.438	7.960	0.64	3.066
22	20	14.250	7.410	0.52	2.800	13.938	7.248	0.52	2.933	13.563	7.053	0.52	3.133
24	16	12.375	10.395	0.84	2.666	12.000	10.080	0.84	2.816	11.625	9.765	0.84	2.983
24	18	13.250	9.540	0.72	2.716	12.875	9.270	0.72	2.866	12.438	8.955	0.72	3.066
24	20	14.250	8.550	0.60	2.800	13.938	8.363	0.60	2.933	13.563	8.138	0.60	3.133
24	22	15.188	7.290	0.48	2.866	14.875	7.140	0.48	3.033	14.500	6.960	0.48	3.233
26	16	12.375	11.385	0.92	2.666	12.000	11.040	0.92	2.816	11.625	10.695	0.92	2.983
26	18	13.250	10.600	0.80	2.716	12.875	10.300	0.80	2.866	12.438	9.950	0.80	3.066
26	20	14.250	9.690	0.68	2.800	13.938	9.478	0.68	2.933	13.563	9.223	0.68	3.133
26	22	15.188	8.505	0.56	2.866	14.875	8.330	0.56	3.033	14.500	8.120	0.56	3.233
27	16	12.375	11.880	0.96	2.666	12.000	11.520	0.96	2.816	11.625	11.160	0.96	2.983
27	18	13.250	11.130	0.84	2.716	12.875	10.815	0.84	2.866	12.438	10.448	0.84	3.066
27	20	14.250	10.260	0.72	2.800	13.938	10.035	0.72	2.933	13.563	9.765	0.72	3.133
27	22	15.188	9.113	0.60	2.866	14.875	8.925	0.60	3.033	14.500	8.700	0.60	3.233
28	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
28	18	13.250	11.660	0.88	2.716	12.875	11.330	0.88	2.866	12.438	10.945	0.88	3.066
28	20	14.250	10.830	0.76	2.800	13.938	10.593	0.76	2.933	13.563	10.308	0.76	3.133
28	22	15.188	9.720	0.64	2.866	14.875	9.520	0.64	3.033	14.500	9.280	0.64	3.233
30	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
30	18	13.250	12.720	0.96	2.716	12.875	12.360	0.96	2.866	12.438	11.940	0.96	3.066
30	20	14.250	11.970	0.84	2.800	13.938	11.708	0.84	2.933	13.563	11.393	0.84	3.133
30	22	15.188	10.935	0.72	2.866	14.875	10.710	0.72	3.033	14.500	10.440	0.72	3.233
32	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
32	18	13.250	13.250	1.00	2.716	12.875	12.875	1.00	2.866	12.438	12.438	1.00	3.066
32	20	14.250	13.110	0.92	2.800	13.938	12.823	0.92	2.933	13.563	12.478	0.92	3.133
32	22	15.188	12.150	0.80	2.866	14.875	11.900	0.80	3.033	14.500	11.600	0.80	3.233
34	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
34	18	13.250	13.250	1.00	2.716	12.875	12.875	1.00	2.866	12.438	12.438	1.00	3.066
34	20	14.250	14.250	1.00	2.800	13.938	13.938	1.00	2.933	13.563	13.563	1.00	3.133
34	22	15.188	13.365	0.88	2.866	14.875	13.090	0.88	3.033	14.500	12.760	0.88	3.233

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	7.565	0.68	3.200	10.625	7.225	0.68	3.433	10.125	6.885	0.68	3.716
20	18	12.000	6.720	0.56	3.283	11.625	6.510	0.56	3.533	10.875	6.090	0.56	3.800
20	20	13.000	5.720	0.44	3.366	12.500	5.500	0.44	3.600	11.750	5.170	0.44	3.866
22	16	11.125	8.455	0.76	3.200	10.625	8.075	0.76	3.433	10.125	7.695	0.76	3.716
22	18	12.000	7.680	0.64	3.283	11.625	7.440	0.64	3.533	10.875	6.960	0.64	3.800
22	20	13.000	6.760	0.52	3.366	12.500	6.500	0.52	3.600	11.750	6.110	0.52	3.866
24	16	11.125	9.345	0.84	3.200	10.625	8.925	0.84	3.433	10.125	8.505	0.84	3.716
24	18	12.000	8.640	0.72	3.283	11.625	8.370	0.72	3.533	10.875	7.830	0.72	3.800
24	20	13.000	7.800	0.60	3.366	12.500	7.500	0.60	3.600	11.750	7.050	0.60	3.866
24	22	14.000	6.720	0.48	3.433	13.500	6.480	0.48	3.700	12.750	6.120	0.48	3.933
26	16	11.125	10.235	0.92	3.200	10.625	9.775	0.92	3.433	10.125	9.315	0.92	3.716
26	18	12.000	9.600	0.80	3.283	11.625	9.300	0.80	3.533	10.875	8.700	0.80	3.800
26	20	13.000	8.840	0.68	3.366	12.500	8.500	0.68	3.600	11.750	7.990	0.68	3.866
26	22	14.000	7.840	0.56	3.433	13.500	7.560	0.56	3.700	12.750	7.140	0.56	3.933
27	16	11.125	10.680	0.96	3.200	10.625	10.200	0.96	3.433	10.125	9.720	0.96	3.716
27	18	12.000	10.080	0.84	3.283	11.625	9.765	0.84	3.533	10.875	9.135	0.84	3.800
27	20	13.000	9.360	0.72	3.366	12.500	9.000	0.72	3.600	11.750	8.460	0.72	3.866
27	22	14.000	8.400	0.60	3.433	13.500	8.100	0.60	3.700	12.750	7.650	0.60	3.933
28	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
28	18	12.000	10.560	0.88	3.283	11.625	10.230	0.88	3.533	10.875	9.570	0.88	3.800
28	20	13.000	9.880	0.76	3.366	12.500	9.500	0.76	3.600	11.750	8.930	0.76	3.866
28	22	14.000	8.960	0.64	3.433	13.500	8.640	0.64	3.700	12.750	8.160	0.64	3.933
30	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
30	18	12.000	11.520	0.96	3.283	11.625	11.160	0.96	3.533	10.875	10.440	0.96	3.800
30	20	13.000	10.920	0.84	3.366	12.500	10.500	0.84	3.600	11.750	9.870	0.84	3.866
30	22	14.000	10.080	0.72	3.433	13.500	9.720	0.72	3.700	12.750	9.180	0.72	3.933
32	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
32	18	12.000	12.000	1.00	3.283	11.625	11.625	1.00	3.533	10.875	10.875	1.00	3.800
32	20	13.000	11.960	0.92	3.366	12.500	11.500	0.92	3.600	11.750	10.810	0.92	3.866
32	22	14.000	11.200	0.80	3.433	13.500	10.800	0.80	3.700	12.750	10.200	0.80	3.933
34	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
34	18	12.000	12.000	1.00	3.283	11.625	11.625	1.00	3.533	10.875	10.875	1.00	3.800
34	20	13.000	13.000	1.00	3.366	12.500	12.500	1.00	3.600	11.750	11.750	1.00	3.866
34	22	14.000	12.320	0.88	3.433	13.500	11.880	0.88	3.700	12.750	11.220	0.88	3.933

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M140JA(L)2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	2.961	12.864	8.619	0.67	3.127	12.462	8.350	0.67	3.312
20	18	14.204	7.812	0.55	3.016	13.802	7.591	0.55	3.183	13.333	7.333	0.55	3.405
20	20	15.276	6.569	0.43	3.109	14.941	6.425	0.43	3.257	14.539	6.252	0.43	3.479
22	16	13.266	9.950	0.75	2.961	12.864	9.648	0.75	3.127	12.462	9.347	0.75	3.312
22	18	14.204	8.949	0.63	3.016	13.802	8.695	0.63	3.183	13.333	8.400	0.63	3.405
22	20	15.276	7.791	0.51	3.109	14.941	7.620	0.51	3.257	14.539	7.415	0.51	3.479
24	16	13.266	11.011	0.83	2.961	12.864	10.677	0.83	3.127	12.462	10.343	0.83	3.312
24	18	14.204	10.085	0.71	3.016	13.802	9.799	0.71	3.183	13.333	9.466	0.71	3.405
24	20	15.276	9.013	0.59	3.109	14.941	8.815	0.59	3.257	14.539	8.578	0.59	3.479
24	22	16.281	7.652	0.47	3.183	15.946	7.495	0.47	3.368	15.544	7.306	0.47	3.590
26	16	13.266	12.072	0.91	2.961	12.864	11.706	0.91	3.127	12.462	11.340	0.91	3.312
26	18	14.204	11.221	0.79	3.016	13.802	10.904	0.79	3.183	13.333	10.533	0.79	3.405
26	20	15.276	10.235	0.67	3.109	14.941	10.010	0.67	3.257	14.539	9.741	0.67	3.479
26	22	16.281	8.955	0.55	3.183	15.946	8.770	0.55	3.368	15.544	8.549	0.55	3.590
27	16	13.266	12.603	0.95	2.961	12.864	12.221	0.95	3.127	12.462	11.839	0.95	3.312
27	18	14.204	11.789	0.83	3.016	13.802	11.456	0.83	3.183	13.333	11.066	0.83	3.405
27	20	15.276	10.846	0.71	3.109	14.941	10.608	0.71	3.257	14.539	10.323	0.71	3.479
27	22	16.281	9.606	0.59	3.183	15.946	9.408	0.59	3.368	15.544	9.171	0.59	3.590
28	16	13.266	13.133	0.99	2.961	12.864	12.735	0.99	3.127	12.462	12.337	0.99	3.312
28	18	14.204	12.357	0.87	3.016	13.802	12.008	0.87	3.183	13.333	11.600	0.87	3.405
28	20	15.276	11.457	0.75	3.109	14.941	11.206	0.75	3.257	14.539	10.904	0.75	3.479
28	22	16.281	10.257	0.63	3.183	15.946	10.046	0.63	3.368	15.544	9.793	0.63	3.590
30	16	13.266	13.266	1.00	2.961	12.864	12.864	1.00	3.127	12.462	12.462	1.00	3.312
30	18	14.204	13.494	0.95	3.016	13.802	13.112	0.95	3.183	13.333	12.666	0.95	3.405
30	20	15.276	12.679	0.83	3.109	14.941	12.401	0.83	3.257	14.539	12.067	0.83	3.479
30	22	16.281	11.560	0.71	3.183	15.946	11.322	0.71	3.368	15.544	11.036	0.71	3.590
32	16	13.266	13.266	1.00	2.961	12.864	12.864	1.00	3.127	12.462	12.462	1.00	3.312
32	18	14.204	14.204	1.00	3.016	13.802	13.802	1.00	3.183	13.333	13.333	1.00	3.405
32	20	15.276	13.901	0.91	3.109	14.941	13.596	0.91	3.257	14.539	13.230	0.91	3.479
32	22	16.281	12.862	0.79	3.183	15.946	12.597	0.79	3.368	15.544	12.280	0.79	3.590
34	16	13.266	13.266	1.00	2.961	12.864	12.864	1.00	3.127	12.462	12.462	1.00	3.312
34	18	14.204	14.204	1.00	3.016	13.802	13.802	1.00	3.183	13.333	13.333	1.00	3.405
34	20	15.276	15.123	0.99	3.109	14.941	14.792	0.99	3.257	14.539	14.394	0.99	3.479
34	22	16.281	14.164	0.87	3.183	15.946	13.873	0.87	3.368	15.544	13.523	0.87	3.590

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	3.553	11.390	7.631	0.67	3.812	10.854	7.272	0.67	4.127
20	18	12.864	7.075	0.55	3.645	12.462	6.854	0.55	3.923	11.658	6.412	0.55	4.219
20	20	13.936	5.992	0.43	3.738	13.400	5.762	0.43	3.997	12.596	5.416	0.43	4.293
22	16	11.926	8.945	0.75	3.553	11.390	8.543	0.75	3.812	10.854	8.141	0.75	4.127
22	18	12.864	8.104	0.63	3.645	12.462	7.851	0.63	3.923	11.658	7.345	0.63	4.219
22	20	13.936	7.107	0.51	3.738	13.400	6.834	0.51	3.997	12.596	6.424	0.51	4.293
24	16	11.926	9.899	0.83	3.553	11.390	9.454	0.83	3.812	10.854	9.009	0.83	4.127
24	18	12.864	9.133	0.71	3.645	12.462	8.848	0.71	3.923	11.658	8.277	0.71	4.219
24	20	13.936	8.222	0.59	3.738	13.400	7.906	0.59	3.997	12.596	7.432	0.59	4.293
24	22	15.008	7.054	0.47	3.812	14.472	6.802	0.47	4.108	13.668	6.424	0.47	4.367
26	16	11.926	10.853	0.91	3.553	11.390	10.365	0.91	3.812	10.854	9.877	0.91	4.127
26	18	12.864	10.163	0.79	3.645	12.462	9.845	0.79	3.923	11.658	9.210	0.79	4.219
26	20	13.936	9.337	0.67	3.738	13.400	8.978	0.67	3.997	12.596	8.439	0.67	4.293
26	22	15.008	8.254	0.55	3.812	14.472	7.960	0.55	4.108	13.668	7.517	0.55	4.367
27	16	11.926	11.330	0.95	3.553	11.390	10.821	0.95	3.812	10.854	10.311	0.95	4.127
27	18	12.864	10.677	0.83	3.645	12.462	10.343	0.83	3.923	11.658	9.676	0.83	4.219
27	20	13.936	9.895	0.71	3.738	13.400	9.514	0.71	3.997	12.596	8.943	0.71	4.293
27	22	15.008	8.855	0.59	3.812	14.472	8.538	0.59	4.108	13.668	8.064	0.59	4.367
28	16	11.926	11.807	0.99	3.553	11.390	11.276	0.99	3.812	10.854	10.745	0.99	4.127
28	18	12.864	11.192	0.87	3.645	12.462	10.842	0.87	3.923	11.658	10.142	0.87	4.219
28	20	13.936	10.452	0.75	3.738	13.400	10.050	0.75	3.997	12.596	9.447	0.75	4.293
28	22	15.008	9.455	0.63	3.812	14.472	9.117	0.63	4.108	13.668	8.611	0.63	4.367
30	16	11.926	11.926	1.00	3.553	11.390	11.390	1.00	3.812	10.854	10.854	1.00	4.127
30	18	12.864	12.221	0.95	3.645	12.462	11.839	0.95	3.923	11.658	11.075	0.95	4.219
30	20	13.936	11.567	0.83	3.738	13.400	11.122	0.83	3.997	12.596	10.455	0.83	4.293
30	22	15.008	10.656	0.71	3.812	14.472	10.275	0.71	4.108	13.668	9.704	0.71	4.367
32	16	11.926	11.926	1.00	3.553	11.390	11.390	1.00	3.812	10.854	10.854	1.00	4.127
32	18	12.864	12.864	1.00	3.645	12.462	12.462	1.00	3.923	11.658	11.658	1.00	4.219
32	20	13.936	12.682	0.91	3.738	13.400	12.194	0.91	3.997	12.596	11.462	0.91	4.293
32	22	15.008	11.856	0.79	3.812	14.472	11.433	0.79	4.108	13.668	10.798	0.79	4.367
34	16	11.926	11.926	1.00	3.553	11.390	11.390	1.00	3.812	10.854	10.854	1.00	4.127
34	18	12.864	12.864	1.00	3.645	12.462	12.462	1.00	3.923	11.658	11.658	1.00	4.219
34	20	13.936	13.797	0.99	3.738	13.400	13.266	0.99	3.997	12.596	12.470	0.99	4.293
34	22	15.008	13.057	0.87	3.812	14.472	12.591	0.87	4.108	13.668	11.891	0.87	4.367

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M200LA2 / PUZ-ZM200YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	18.810	13.167	0.70	4.606	18.240	12.768	0.70	4.865	17.670	12.369	0.70	5.153
20	18	20.140	11.681	0.58	4.692	19.570	11.351	0.58	4.951	18.905	10.965	0.58	5.296
20	20	21.660	9.964	0.46	4.836	21.185	9.745	0.46	5.066	20.615	9.483	0.46	5.412
22	16	18.810	14.672	0.78	4.606	18.240	14.227	0.78	4.865	17.670	13.783	0.78	5.153
22	18	20.140	13.292	0.66	4.692	19.570	12.916	0.66	4.951	18.905	12.477	0.66	5.296
22	20	21.660	11.696	0.54	4.836	21.185	11.440	0.54	5.066	20.615	11.132	0.54	5.412
24	16	18.810	16.177	0.86	4.606	18.240	15.686	0.86	4.865	17.670	15.196	0.86	5.153
24	18	20.140	14.904	0.74	4.692	19.570	14.482	0.74	4.951	18.905	13.990	0.74	5.296
24	20	21.660	13.429	0.62	4.836	21.185	13.135	0.62	5.066	20.615	12.781	0.62	5.412
24	22	23.085	11.543	0.50	4.951	22.610	11.305	0.50	5.239	22.040	11.020	0.50	5.584
26	16	18.810	17.681	0.94	4.606	18.240	17.146	0.94	4.865	17.670	16.610	0.94	5.153
26	18	20.140	16.515	0.82	4.692	19.570	16.047	0.82	4.951	18.905	15.502	0.82	5.296
26	20	21.660	15.162	0.70	4.836	21.185	14.830	0.70	5.066	20.615	14.431	0.70	5.412
26	22	23.085	13.389	0.58	4.951	22.610	13.114	0.58	5.239	22.040	12.783	0.58	5.584
27	16	18.810	18.434	0.98	4.606	18.240	17.875	0.98	4.865	17.670	17.317	0.98	5.153
27	18	20.140	17.320	0.86	4.692	19.570	16.830	0.86	4.951	18.905	16.258	0.86	5.296
27	20	21.660	16.028	0.74	4.836	21.185	15.677	0.74	5.066	20.615	15.255	0.74	5.412
27	22	23.085	14.313	0.62	4.951	22.610	14.018	0.62	5.239	22.040	13.665	0.62	5.584
28	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
28	18	20.140	18.126	0.90	4.692	19.570	17.613	0.90	4.951	18.905	17.015	0.90	5.296
28	20	21.660	16.895	0.78	4.836	21.185	16.524	0.78	5.066	20.615	16.080	0.78	5.412
28	22	23.085	15.236	0.66	4.951	22.610	14.923	0.66	5.239	22.040	14.546	0.66	5.584
30	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
30	18	20.140	19.737	0.98	4.692	19.570	19.179	0.98	4.951	18.905	18.527	0.98	5.296
30	20	21.660	18.628	0.86	4.836	21.185	18.219	0.86	5.066	20.615	17.729	0.86	5.412
30	22	23.085	17.083	0.74	4.951	22.610	16.731	0.74	5.239	22.040	16.310	0.74	5.584
32	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
32	18	20.140	20.140	1.00	4.692	19.570	19.570	1.00	4.951	18.905	18.905	1.00	5.296
32	20	21.660	20.360	0.94	4.836	21.185	19.914	0.94	5.066	20.615	19.378	0.94	5.412
32	22	23.085	18.930	0.82	4.951	22.610	18.540	0.82	5.239	22.040	18.073	0.82	5.584
34	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
34	18	20.140	20.140	1.00	4.692	19.570	19.570	1.00	4.951	18.905	18.905	1.00	5.296
34	20	21.660	21.660	1.00	4.836	21.185	21.185	1.00	5.066	20.615	20.615	1.00	5.412
34	22	23.085	20.777	0.90	4.951	22.610	20.349	0.90	5.239	22.040	19.836	0.90	5.584

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	16.910	11.837	0.70	5.527	16.150	11.305	0.70	5.930	15.390	10.773	0.70	6.419
20	18	18.240	10.579	0.58	5.671	17.670	10.249	0.58	6.102	16.530	9.587	0.58	6.563
20	20	19.760	9.090	0.46	5.815	19.000	8.740	0.46	6.218	17.860	8.216	0.46	6.678
22	16	16.910	13.190	0.78	5.527	16.150	12.597	0.78	5.930	15.390	12.004	0.78	6.419
22	18	18.240	12.038	0.66	5.671	17.670	11.662	0.66	6.102	16.530	10.910	0.66	6.563
22	20	19.760	10.670	0.54	5.815	19.000	10.260	0.54	6.218	17.860	9.644	0.54	6.678
24	16	16.910	14.543	0.86	5.527	16.150	13.889	0.86	5.930	15.390	13.235	0.86	6.419
24	18	18.240	13.498	0.74	5.671	17.670	13.076	0.74	6.102	16.530	12.232	0.74	6.563
24	20	19.760	12.251	0.62	5.815	19.000	11.780	0.62	6.218	17.860	11.073	0.62	6.678
24	22	21.280	10.640	0.50	5.930	20.520	10.260	0.50	6.390	19.380	9.690	0.50	6.793
26	16	16.910	15.895	0.94	5.527	16.150	15.181	0.94	5.930	15.390	14.467	0.94	6.419
26	18	18.240	14.957	0.82	5.671	17.670	14.489	0.82	6.102	16.530	13.555	0.82	6.563
26	20	19.760	13.832	0.70	5.815	19.000	13.300	0.70	6.218	17.860	12.502	0.70	6.678
26	22	21.280	12.342	0.58	5.930	20.520	11.902	0.58	6.390	19.380	11.240	0.58	6.793
27	16	16.910	16.572	0.98	5.527	16.150	15.827	0.98	5.930	15.390	15.082	0.98	6.419
27	18	18.240	15.686	0.86	5.671	17.670	15.196	0.86	6.102	16.530	14.216	0.86	6.563
27	20	19.760	14.622	0.74	5.815	19.000	14.060	0.74	6.218	17.860	13.216	0.74	6.678
27	22	21.280	13.194	0.62	5.930	20.520	12.722	0.62	6.390	19.380	12.016	0.62	6.793
28	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
28	18	18.240	16.416	0.90	5.671	17.670	15.903	0.90	6.102	16.530	14.877	0.90	6.563
28	20	19.760	15.413	0.78	5.815	19.000	14.820	0.78	6.218	17.860	13.931	0.78	6.678
28	22	21.280	14.045	0.66	5.930	20.520	13.543	0.66	6.390	19.380	12.791	0.66	6.793
30	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
30	18	18.240	17.875	0.98	5.671	17.670	17.317	0.98	6.102	16.530	16.199	0.98	6.563
30	20	19.760	16.994	0.86	5.815	19.000	16.340	0.86	6.218	17.860	15.360	0.86	6.678
30	22	21.280	15.747	0.74	5.930	20.520	15.185	0.74	6.390	19.380	14.341	0.74	6.793
32	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
32	18	18.240	18.240	1.00	5.671	17.670	17.670	1.00	6.102	16.530	16.530	1.00	6.563
32	20	19.760	18.574	0.94	5.815	19.000	17.860	0.94	6.218	17.860	16.788	0.94	6.678
32	22	21.280	17.450	0.82	5.930	20.520	16.826	0.82	6.390	19.380	15.892	0.82	6.793
34	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
34	18	18.240	18.240	1.00	5.671	17.670	17.670	1.00	6.102	16.530	16.530	1.00	6.563
34	20	19.760	19.760	1.00	5.815	19.000	19.000	1.00	6.218	17.860	17.860	1.00	6.678
34	22	21.280	19.152	0.90	5.930	20.520	18.468	0.90	6.390	19.380	17.442	0.90	6.793

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M250LA2 / PUZ-ZM250YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	21.780	15.028	0.69	5.770	21.120	14.573	0.69	6.095	20.460	14.117	0.69	6.456
20	18	23.320	13.292	0.57	5.879	22.660	12.916	0.57	6.203	21.890	12.477	0.57	6.636
20	20	25.080	11.286	0.45	6.059	24.530	11.039	0.45	6.347	23.870	10.742	0.45	6.780
22	16	21.780	16.771	0.77	5.770	21.120	16.262	0.77	6.095	20.460	15.754	0.77	6.456
22	18	23.320	15.158	0.65	5.879	22.660	14.729	0.65	6.203	21.890	14.229	0.65	6.636
22	20	25.080	13.292	0.53	6.059	24.530	13.001	0.53	6.347	23.870	12.651	0.53	6.780
24	16	21.780	18.513	0.85	5.770	21.120	17.952	0.85	6.095	20.460	17.391	0.85	6.456
24	18	23.320	17.024	0.73	5.879	22.660	16.542	0.73	6.203	21.890	15.980	0.73	6.636
24	20	25.080	15.299	0.61	6.059	24.530	14.963	0.61	6.347	23.870	14.561	0.61	6.780
24	22	26.730	13.098	0.49	6.203	26.180	12.828	0.49	6.564	25.520	12.505	0.49	6.997
26	16	21.780	20.255	0.93	5.770	21.120	19.642	0.93	6.095	20.460	19.028	0.93	6.456
26	18	23.320	18.889	0.81	5.879	22.660	18.355	0.81	6.203	21.890	17.731	0.81	6.636
26	20	25.080	17.305	0.69	6.059	24.530	16.926	0.69	6.347	23.870	16.470	0.69	6.780
26	22	26.730	15.236	0.57	6.203	26.180	14.923	0.57	6.564	25.520	14.546	0.57	6.997
27	16	21.780	21.127	0.97	5.770	21.120	20.486	0.97	6.095	20.460	19.846	0.97	6.456
27	18	23.320	19.822	0.85	5.879	22.660	19.261	0.85	6.203	21.890	18.607	0.85	6.636
27	20	25.080	18.308	0.73	6.059	24.530	17.907	0.73	6.347	23.870	17.425	0.73	6.780
27	22	26.730	16.305	0.61	6.203	26.180	15.970	0.61	6.564	25.520	15.567	0.61	6.997
28	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
28	18	23.320	20.755	0.89	5.879	22.660	20.167	0.89	6.203	21.890	19.482	0.89	6.636
28	20	25.080	19.312	0.77	6.059	24.530	18.888	0.77	6.347	23.870	18.380	0.77	6.780
28	22	26.730	17.375	0.65	6.203	26.180	17.017	0.65	6.564	25.520	16.588	0.65	6.997
30	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
30	18	23.320	22.620	0.97	5.879	22.660	21.980	0.97	6.203	21.890	21.233	0.97	6.636
30	20	25.080	21.318	0.85	6.059	24.530	20.851	0.85	6.347	23.870	20.290	0.85	6.780
30	22	26.730	19.513	0.73	6.203	26.180	19.111	0.73	6.564	25.520	18.630	0.73	6.997
32	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
32	18	23.320	23.320	1.00	5.879	22.660	22.660	1.00	6.203	21.890	21.890	1.00	6.636
32	20	25.080	23.324	0.93	6.059	24.530	22.813	0.93	6.347	23.870	22.199	0.93	6.780
32	22	26.730	21.651	0.81	6.203	26.180	21.206	0.81	6.564	25.520	20.671	0.81	6.997
34	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
34	18	23.320	23.320	1.00	5.879	22.660	22.660	1.00	6.203	21.890	21.890	1.00	6.636
34	20	25.080	25.080	1.00	6.059	24.530	24.530	1.00	6.347	23.870	23.870	1.00	6.780
34	22	26.730	23.790	0.89	6.203	26.180	23.300	0.89	6.564	25.520	22.713	0.89	6.997

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	19.580	13.510	0.69	6.924	18.700	12.903	0.69	7.429	17.820	12.296	0.69	8.042
20	18	21.120	12.038	0.57	7.105	20.460	11.662	0.57	7.646	19.140	10.910	0.57	8.223
20	20	22.880	10.296	0.45	7.285	22.000	9.900	0.45	7.790	20.680	9.306	0.45	8.367
22	16	19.580	15.077	0.77	6.924	18.700	14.399	0.77	7.429	17.820	13.721	0.77	8.042
22	18	21.120	13.728	0.65	7.105	20.460	13.299	0.65	7.646	19.140	12.441	0.65	8.223
22	20	22.880	12.126	0.53	7.285	22.000	11.660	0.53	7.790	20.680	10.960	0.53	8.367
24	16	19.580	16.643	0.85	6.924	18.700	15.895	0.85	7.429	17.820	15.147	0.85	8.042
24	18	21.120	15.418	0.73	7.105	20.460	14.936	0.73	7.646	19.140	13.972	0.73	8.223
24	20	22.880	13.957	0.61	7.285	22.000	13.420	0.61	7.790	20.680	12.615	0.61	8.367
24	22	24.640	12.074	0.49	7.429	23.760	11.642	0.49	8.006	22.440	10.996	0.49	8.511
26	16	19.580	18.209	0.93	6.924	18.700	17.391	0.93	7.429	17.820	16.573	0.93	8.042
26	18	21.120	17.107	0.81	7.105	20.460	16.573	0.81	7.646	19.140	15.503	0.81	8.223
26	20	22.880	15.787	0.69	7.285	22.000	15.180	0.69	7.790	20.680	14.269	0.69	8.367
26	22	24.640	14.045	0.57	7.429	23.760	13.543	0.57	8.006	22.440	12.791	0.57	8.511
27	16	19.580	18.993	0.97	6.924	18.700	18.139	0.97	7.429	17.820	17.285	0.97	8.042
27	18	21.120	17.952	0.85	7.105	20.460	17.391	0.85	7.646	19.140	16.269	0.85	8.223
27	20	22.880	16.702	0.73	7.285	22.000	16.060	0.73	7.790	20.680	15.096	0.73	8.367
27	22	24.640	15.030	0.61	7.429	23.760	14.494	0.61	8.006	22.440	13.688	0.61	8.511
28	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
28	18	21.120	18.797	0.89	7.105	20.460	18.209	0.89	7.646	19.140	17.035	0.89	8.223
28	20	22.880	17.618	0.77	7.285	22.000	16.940	0.77	7.790	20.680	15.924	0.77	8.367
28	22	24.640	16.016	0.65	7.429	23.760	15.444	0.65	8.006	22.440	14.586	0.65	8.511
30	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
30	18	21.120	20.486	0.97	7.105	20.460	19.846	0.97	7.646	19.140	18.566	0.97	8.223
30	20	22.880	19.448	0.85	7.285	22.000	18.700	0.85	7.790	20.680	17.578	0.85	8.367
30	22	24.640	17.987	0.73	7.429	23.760	17.345	0.73	8.006	22.440	16.381	0.73	8.511
32	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
32	18	21.120	21.120	1.00	7.105	20.460	20.460	1.00	7.646	19.140	19.140	1.00	8.223
32	20	22.880	21.278	0.93	7.285	22.000	20.460	0.93	7.790	20.680	19.232	0.93	8.367
32	22	24.640	19.958	0.81	7.429	23.760	19.246	0.81	8.006	22.440	18.176	0.81	8.511
34	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
34	18	21.120	21.120	1.00	7.105	20.460	20.460	1.00	7.646	19.140	19.140	1.00	8.223
34	20	22.880	22.880	1.00	7.285	22.000	22.000	1.00	7.790	20.680	20.680	1.00	8.367
34	22	24.640	21.930	0.89	7.429	23.760	21.146	0.89	8.006	22.440	19.972	0.89	8.511

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.834	0.67	0.738	4.050	2.714	0.67	0.775	3.888	2.605	0.67	0.812	3.744	2.508	0.67	0.849
21	20	4.410	2.426	0.55	0.775	4.230	2.327	0.55	0.821	4.104	2.257	0.55	0.840	3.960	2.178	0.55	0.877
22	18	4.230	3.003	0.71	0.738	4.050	2.876	0.71	0.775	3.888	2.760	0.71	0.812	3.744	2.658	0.71	0.849
22	20	4.410	2.602	0.59	0.775	4.230	2.496	0.59	0.821	4.104	2.421	0.59	0.840	3.960	2.336	0.59	0.877
22	22	4.590	2.157	0.47	0.803	4.428	2.081	0.47	0.854	4.320	2.030	0.47	0.877	4.140	1.946	0.47	0.914
23	18	4.230	3.173	0.75	0.738	4.050	3.038	0.75	0.775	3.888	2.916	0.75	0.812	3.744	2.808	0.75	0.849
23	20	4.410	2.778	0.63	0.775	4.230	2.665	0.63	0.821	4.104	2.586	0.63	0.840	3.960	2.495	0.63	0.877
23	22	4.590	2.341	0.51	0.803	4.428	2.258	0.51	0.854	4.320	2.203	0.51	0.877	4.140	2.111	0.51	0.914
24	18	4.230	3.342	0.79	0.738	4.050	3.200	0.79	0.775	3.888	3.072	0.79	0.812	3.744	2.958	0.79	0.849
24	20	4.410	2.955	0.67	0.775	4.230	2.834	0.67	0.821	4.104	2.750	0.67	0.840	3.960	2.653	0.67	0.877
24	22	4.590	2.525	0.55	0.803	4.428	2.435	0.55	0.854	4.320	2.376	0.55	0.877	4.140	2.277	0.55	0.914
24	24	4.824	2.074	0.43	0.840	4.644	1.997	0.43	0.886	4.536	1.950	0.43	0.914	4.392	1.889	0.43	0.960
25	20	4.410	3.131	0.71	0.775	4.230	3.003	0.71	0.821	4.104	2.914	0.71	0.840	3.960	2.812	0.71	0.877
25	22	4.590	2.708	0.59	0.803	4.428	2.613	0.59	0.854	4.320	2.549	0.59	0.877	4.140	2.443	0.59	0.914
25	24	4.824	2.267	0.47	0.840	4.644	2.183	0.47	0.886	4.536	2.132	0.47	0.914	4.392	2.064	0.47	0.960
26	18	4.230	3.680	0.87	0.738	4.050	3.524	0.87	0.775	3.888	3.383	0.87	0.812	3.744	3.257	0.87	0.849
26	20	4.410	3.308	0.75	0.775	4.230	3.173	0.75	0.821	4.104	3.078	0.75	0.840	3.960	2.970	0.75	0.877
26	22	4.590	2.892	0.63	0.803	4.428	2.790	0.63	0.854	4.320	2.722	0.63	0.877	4.140	2.608	0.63	0.914
26	24	4.824	2.460	0.51	0.840	4.644	2.368	0.51	0.886	4.536	2.313	0.51	0.914	4.392	2.240	0.51	0.960
26	26	4.968	1.938	0.39	0.886	4.824	1.881	0.39	0.932	4.752	1.853	0.39	0.960	4.608	1.797	0.39	0.988
27	18	4.230	3.849	0.91	0.738	4.050	3.686	0.91	0.775	3.888	3.538	0.91	0.812	3.744	3.407	0.91	0.849
27	20	4.410	3.484	0.79	0.775	4.230	3.342	0.79	0.821	4.104	3.242	0.79	0.840	3.960	3.128	0.79	0.877
27	22	4.590	3.075	0.67	0.803	4.428	2.967	0.67	0.854	4.320	2.894	0.67	0.877	4.140	2.774	0.67	0.914
27	24	4.824	2.653	0.55	0.840	4.644	2.554	0.55	0.886	4.536	2.495	0.55	0.914	4.392	2.416	0.55	0.960
27	26	4.968	2.136	0.43	0.886	4.824	2.074	0.43	0.932	4.752	2.043	0.43	0.960	4.608	1.981	0.43	0.988
28	18	4.230	4.019	0.95	0.738	4.050	3.848	0.95	0.775	3.888	3.694	0.95	0.812	3.744	3.557	0.95	0.849
28	20	4.410	3.660	0.83	0.775	4.230	3.511	0.83	0.821	4.104	3.406	0.83	0.840	3.960	3.287	0.83	0.877
28	22	4.590	3.259	0.71	0.803	4.428	3.144	0.71	0.854	4.320	3.067	0.71	0.877	4.140	2.939	0.71	0.914
28	24	4.824	2.846	0.59	0.840	4.644	2.740	0.59	0.886	4.536	2.676	0.59	0.914	4.392	2.591	0.59	0.960
28	26	4.968	2.335	0.47	0.886	4.824	2.267	0.47	0.932	4.752	2.233	0.47	0.960	4.608	2.166	0.47	0.988
29	18	4.230	4.188	0.99	0.738	4.050	4.010	0.99	0.775	3.888	3.849	0.99	0.812	3.744	3.707	0.99	0.849
29	20	4.410	3.837	0.87	0.775	4.230	3.680	0.87	0.821	4.104	3.570	0.87	0.840	3.960	3.445	0.87	0.877
29	22	4.590	3.443	0.75	0.803	4.428	3.321	0.75	0.854	4.320	3.240	0.75	0.877	4.140	3.105	0.75	0.914
29	24	4.824	3.039	0.63	0.840	4.644	2.926	0.63	0.886	4.536	2.858	0.63	0.914	4.392	2.767	0.63	0.960
29	26	4.968	2.534	0.51	0.886	4.824	2.460	0.51	0.932	4.752	2.424	0.51	0.960	4.608	2.350	0.51	0.988
30	18	4.230	4.230	1.00	0.738	4.050	4.050	1.00	0.775	3.888	3.888	1.00	0.812	3.744	3.744	1.00	0.849
30	20	4.410	4.013	0.91	0.775	4.230	3.849	0.91	0.821	4.104	3.735	0.91	0.840	3.960	3.604	0.91	0.877
30	22	4.590	3.626	0.79	0.803	4.428	3.498	0.79	0.854	4.320	3.413	0.79	0.877	4.140	3.271	0.79	0.914
30	24	4.824	3.232	0.67	0.840	4.644	3.111	0.67	0.886	4.536	3.039	0.67	0.914	4.392	2.943	0.67	0.960
30	26	4.968	2.732	0.55	0.886	4.824	2.653	0.55	0.932	4.752	2.614	0.55	0.960	4.608	2.534	0.55	0.988
31	18	4.230	4.230	1.00	0.738	4.050	4.050	1.00	0.775	3.888	3.888	1.00	0.812	3.744	3.744	1.00	0.849
31	20	4.410	4.190	0.95	0.775	4.230	4.019	0.95	0.821	4.104	3.899	0.95	0.840	3.960	3.762	0.95	0.877
31	22	4.590	3.810	0.83	0.803	4.428	3.675	0.83	0.854	4.320	3.586	0.83	0.877	4.140	3.436	0.83	0.914
31	24	4.824	3.425	0.71	0.840	4.644	3.297	0.71	0.886	4.536	3.221	0.71	0.914	4.392	3.118	0.71	0.960
31	26	4.968	2.931	0.59	0.886	4.824	2.846	0.59	0.932	4.752	2.804	0.59	0.960	4.608	2.719	0.59	0.988
32	18	4.230	4.230	1.00	0.738	4.050	4.050	1.00	0.775	3.888	3.888	1.00	0.812	3.744	3.744	1.00	0.849
32	20	4.410	4.366	0.99	0.775	4.230	4.188	0.99	0.821	4.104	4.063	0.99	0.840	3.960	3.920	0.99	0.877
32	22	4.590	3.993	0.87	0.803	4.428	3.852	0.87	0.854	4.320	3.758	0.87	0.877	4.140	3.602	0.87	0.914
32	24	4.824	3.618	0.75	0.840	4.644	3.483	0.75	0.886	4.536	3.402	0.75	0.914	4.392	3.294	0.75	0.960
32	26	4.968	3.130	0.63	0.886	4.824	3.039	0.63	0.932	4.752	2.994	0.63	0.960	4.608	2.903	0.63	0.988

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	0.905	3.240	2.171	0.67	0.960	2.988	2.002	0.67	0.997
21	20	3.708	2.039	0.55	0.941	3.456	1.901	0.55	0.988	3.204	1.762	0.55	1.043
22	18	3.528	2.505	0.71	0.905	3.240	2.300	0.71	0.960	2.988	2.121	0.71	0.997
22	20	3.708	2.188	0.59	0.941	3.456	2.039	0.59	0.988	3.204	1.890	0.59	1.043
22	22	3.924	1.844	0.47	0.978	3.672	1.726	0.47	1.034	3.420	1.607	0.47	1.071
23	18	3.528	2.646	0.75	0.905	3.240	2.430	0.75	0.960	2.988	2.241	0.75	0.997
23	20	3.708	2.336	0.63	0.941	3.456	2.177	0.63	0.988	3.204	2.019	0.63	1.043
23	22	3.924	2.001	0.51	0.978	3.672	1.873	0.51	1.034	3.420	1.744	0.51	1.071
24	18	3.528	2.787	0.79	0.905	3.240	2.560	0.79	0.960	2.988	2.361	0.79	0.997
24	20	3.708	2.484	0.67	0.941	3.456	2.316	0.67	0.988	3.204	2.147	0.67	1.043
24	22	3.924	2.158	0.55	0.978	3.672	2.020	0.55	1.034	3.420	1.881	0.55	1.071
24	24	4.140	1.780	0.43	1.015	3.888	1.672	0.43	1.061	3.672	1.579	0.43	1.108
25	20	3.708	2.633	0.71	0.941	3.456	2.454	0.71	0.988	3.204	2.275	0.71	1.043
25	22	3.924	2.315	0.59	0.978	3.672	2.166	0.59	1.034	3.420	2.018	0.59	1.071
25	24	4.140	1.946	0.47	1.015	3.888	1.827	0.47	1.061	3.672	1.726	0.47	1.108
26	18	3.528	3.069	0.87	0.905	3.240	2.819	0.87	0.960	2.988	2.600	0.87	0.997
26	20	3.708	2.781	0.75	0.941	3.456	2.592	0.75	0.988	3.204	2.403	0.75	1.043
26	22	3.924	2.472	0.63	0.978	3.672	2.313	0.63	1.034	3.420	2.155	0.63	1.071
26	24	4.140	2.111	0.51	1.015	3.888	1.983	0.51	1.061	3.672	1.873	0.51	1.108
26	26	4.356	1.699	0.39	1.052	4.104	1.601	0.39	1.098	3.852	1.502	0.39	1.145
27	18	3.528	3.210	0.91	0.905	3.240	2.948	0.91	0.960	2.988	2.719	0.91	0.997
27	20	3.708	2.929	0.79	0.941	3.456	2.730	0.79	0.988	3.204	2.531	0.79	1.043
27	22	3.924	2.629	0.67	0.978	3.672	2.460	0.67	1.034	3.420	2.291	0.67	1.071
27	24	4.140	2.277	0.55	1.015	3.888	2.138	0.55	1.061	3.672	2.020	0.55	1.108
27	26	4.356	1.873	0.43	1.052	4.104	1.765	0.43	1.098	3.852	1.656	0.43	1.145
28	18	3.528	3.352	0.95	0.905	3.240	3.078	0.95	0.960	2.988	2.839	0.95	0.997
28	20	3.708	3.078	0.83	0.941	3.456	2.868	0.83	0.988	3.204	2.659	0.83	1.043
28	22	3.924	2.786	0.71	0.978	3.672	2.607	0.71	1.034	3.420	2.428	0.71	1.071
28	24	4.140	2.443	0.59	1.015	3.888	2.294	0.59	1.061	3.672	2.166	0.59	1.108
28	26	4.356	2.047	0.47	1.052	4.104	1.929	0.47	1.098	3.852	1.810	0.47	1.145
29	18	3.528	3.493	0.99	0.905	3.240	3.208	0.99	0.960	2.988	2.958	0.99	0.997
29	20	3.708	3.226	0.87	0.941	3.456	3.007	0.87	0.988	3.204	2.787	0.87	1.043
29	22	3.924	2.943	0.75	0.978	3.672	2.754	0.75	1.034	3.420	2.565	0.75	1.071
29	24	4.140	2.608	0.63	1.015	3.888	2.449	0.63	1.061	3.672	2.313	0.63	1.108
29	26	4.356	2.222	0.51	1.052	4.104	2.093	0.51	1.098	3.852	1.965	0.51	1.145
30	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
30	20	3.708	3.374	0.91	0.941	3.456	3.145	0.91	0.988	3.204	2.916	0.91	1.043
30	22	3.924	3.100	0.79	0.978	3.672	2.901	0.79	1.034	3.420	2.702	0.79	1.071
30	24	4.140	2.774	0.67	1.015	3.888	2.605	0.67	1.061	3.672	2.460	0.67	1.108
30	26	4.356	2.396	0.55	1.052	4.104	2.257	0.55	1.098	3.852	2.119	0.55	1.145
31	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
31	20	3.708	3.523	0.95	0.941	3.456	3.283	0.95	0.988	3.204	3.044	0.95	1.043
31	22	3.924	3.257	0.83	0.978	3.672	3.048	0.83	1.034	3.420	2.839	0.83	1.071
31	24	4.140	2.939	0.71	1.015	3.888	2.760	0.71	1.061	3.672	2.607	0.71	1.108
31	26	4.356	2.570	0.59	1.052	4.104	2.421	0.59	1.098	3.852	2.273	0.59	1.145
32	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
32	20	3.708	3.671	0.99	0.941	3.456	3.421	0.99	0.988	3.204	3.172	0.99	1.043
32	22	3.924	3.414	0.87	0.978	3.672	3.195	0.87	1.034	3.420	2.975	0.87	1.071
32	24	4.140	3.105	0.75	1.015	3.888	2.916	0.75	1.061	3.672	2.754	0.75	1.108
32	26	4.356	2.744	0.63	1.052	4.104	2.586	0.63	1.098	3.852	2.427	0.63	1.145

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.878	0.66	1.081	5.625	3.713	0.66	1.135	5.400	3.564	0.66	1.189	5.200	3.432	0.66	1.243
21	20	6.125	3.308	0.54	1.135	5.875	3.173	0.54	1.202	5.700	3.078	0.54	1.229	5.500	2.970	0.54	1.283
22	18	5.875	4.113	0.70	1.081	5.625	3.938	0.70	1.135	5.400	3.780	0.70	1.189	5.200	3.640	0.70	1.243
22	20	6.125	3.553	0.58	1.135	5.875	3.408	0.58	1.202	5.700	3.306	0.58	1.229	5.500	3.190	0.58	1.283
22	22	6.375	2.933	0.46	1.175	6.150	2.829	0.46	1.250	6.000	2.760	0.46	1.283	5.750	2.645	0.46	1.337
23	18	5.875	4.348	0.74	1.081	5.625	4.163	0.74	1.135	5.400	3.996	0.74	1.189	5.200	3.848	0.74	1.243
23	20	6.125	3.798	0.62	1.135	5.875	3.643	0.62	1.202	5.700	3.534	0.62	1.229	5.500	3.410	0.62	1.283
23	22	6.375	3.188	0.50	1.175	6.150	3.075	0.50	1.250	6.000	3.000	0.50	1.283	5.750	2.875	0.50	1.337
24	18	5.875	4.583	0.78	1.081	5.625	4.388	0.78	1.135	5.400	4.212	0.78	1.189	5.200	4.056	0.78	1.243
24	20	6.125	4.043	0.66	1.135	5.875	3.878	0.66	1.202	5.700	3.762	0.66	1.229	5.500	3.630	0.66	1.283
24	22	6.375	3.443	0.54	1.175	6.150	3.321	0.54	1.250	6.000	3.240	0.54	1.283	5.750	3.105	0.54	1.337
24	24	6.700	2.814	0.42	1.229	6.450	2.709	0.42	1.297	6.300	2.646	0.42	1.337	6.100	2.562	0.42	1.405
25	20	6.125	4.288	0.70	1.135	5.875	4.113	0.70	1.202	5.700	3.990	0.70	1.229	5.500	3.850	0.70	1.283
25	22	6.375	3.698	0.58	1.175	6.150	3.567	0.58	1.250	6.000	3.480	0.58	1.283	5.750	3.335	0.58	1.337
25	24	6.700	3.082	0.46	1.229	6.450	2.967	0.46	1.297	6.300	2.898	0.46	1.337	6.100	2.806	0.46	1.405
26	18	5.875	5.053	0.86	1.081	5.625	4.838	0.86	1.135	5.400	4.644	0.86	1.189	5.200	4.472	0.86	1.243
26	20	6.125	4.533	0.74	1.135	5.875	4.348	0.74	1.202	5.700	4.218	0.74	1.229	5.500	4.070	0.74	1.283
26	22	6.375	3.953	0.62	1.175	6.150	3.813	0.62	1.250	6.000	3.720	0.62	1.283	5.750	3.565	0.62	1.337
26	24	6.700	3.350	0.50	1.229	6.450	3.225	0.50	1.297	6.300	3.150	0.50	1.337	6.100	3.050	0.50	1.405
26	26	6.900	2.622	0.38	1.297	6.700	2.546	0.38	1.365	6.600	2.508	0.38	1.405	6.400	2.432	0.38	1.446
27	18	5.875	5.288	0.90	1.081	5.625	5.063	0.90	1.135	5.400	4.860	0.90	1.189	5.200	4.680	0.90	1.243
27	20	6.125	4.778	0.78	1.135	5.875	4.583	0.78	1.202	5.700	4.446	0.78	1.229	5.500	4.290	0.78	1.283
27	22	6.375	4.208	0.66	1.175	6.150	4.059	0.66	1.250	6.000	3.960	0.66	1.283	5.750	3.795	0.66	1.337
27	24	6.700	3.618	0.54	1.229	6.450	3.483	0.54	1.297	6.300	3.402	0.54	1.337	6.100	3.294	0.54	1.405
27	26	6.900	2.898	0.42	1.297	6.700	2.814	0.42	1.365	6.600	2.772	0.42	1.405	6.400	2.688	0.42	1.446
28	18	5.875	5.523	0.94	1.081	5.625	5.288	0.94	1.135	5.400	5.076	0.94	1.189	5.200	4.888	0.94	1.243
28	20	6.125	5.023	0.82	1.135	5.875	4.818	0.82	1.202	5.700	4.674	0.82	1.229	5.500	4.510	0.82	1.283
28	22	6.375	4.463	0.70	1.175	6.150	4.305	0.70	1.250	6.000	4.200	0.70	1.283	5.750	4.025	0.70	1.337
28	24	6.700	3.886	0.58	1.229	6.450	3.741	0.58	1.297	6.300	3.654	0.58	1.337	6.100	3.538	0.58	1.405
28	26	6.900	3.174	0.46	1.297	6.700	3.082	0.46	1.365	6.600	3.036	0.46	1.405	6.400	2.944	0.46	1.446
29	18	5.875	5.758	0.98	1.081	5.625	5.513	0.98	1.135	5.400	5.292	0.98	1.189	5.200	5.096	0.98	1.243
29	20	6.125	5.268	0.86	1.135	5.875	5.053	0.86	1.202	5.700	4.902	0.86	1.229	5.500	4.730	0.86	1.283
29	22	6.375	4.718	0.74	1.175	6.150	4.551	0.74	1.250	6.000	4.440	0.74	1.283	5.750	4.255	0.74	1.337
29	24	6.700	4.154	0.62	1.229	6.450	3.999	0.62	1.297	6.300	3.906	0.62	1.337	6.100	3.782	0.62	1.405
29	26	6.900	3.450	0.50	1.297	6.700	3.350	0.50	1.365	6.600	3.300	0.50	1.405	6.400	3.200	0.50	1.446
30	18	5.875	5.875	1.00	1.081	5.625	5.625	1.00	1.135	5.400	5.400	1.00	1.189	5.200	5.200	1.00	1.243
30	20	6.125	5.513	0.90	1.135	5.875	5.288	0.90	1.202	5.700	5.130	0.90	1.229	5.500	4.950	0.90	1.283
30	22	6.375	4.973	0.78	1.175	6.150	4.797	0.78	1.250	6.000	4.680	0.78	1.283	5.750	4.485	0.78	1.337
30	24	6.700	4.422	0.66	1.229	6.450	4.257	0.66	1.297	6.300	4.158	0.66	1.337	6.100	4.026	0.66	1.405
30	26	6.900	3.726	0.54	1.297	6.700	3.618	0.54	1.365	6.600	3.564	0.54	1.405	6.400	3.456	0.54	1.446
31	18	5.875	5.875	1.00	1.081	5.625	5.625	1.00	1.135	5.400	5.400	1.00	1.189	5.200	5.200	1.00	1.243
31	20	6.125	5.758	0.94	1.135	5.875	5.523	0.94	1.202	5.700	5.358	0.94	1.229	5.500	5.170	0.94	1.283
31	22	6.375	5.228	0.82	1.175	6.150	5.043	0.82	1.250	6.000	4.920	0.82	1.283	5.750	4.715	0.82	1.337
31	24	6.700	4.690	0.70	1.229	6.450	4.515	0.70	1.297	6.300	4.410	0.70	1.337	6.100	4.270	0.70	1.405
31	26	6.900	4.002	0.58	1.297	6.700	3.886	0.58	1.365	6.600	3.828	0.58	1.405	6.400	3.712	0.58	1.446
32	18	5.875	5.875	1.00	1.081	5.625	5.625	1.00	1.135	5.400	5.400	1.00	1.189	5.200	5.200	1.00	1.243
32	20	6.125	6.003	0.98	1.135	5.875	5.758	0.98	1.202	5.700	5.586	0.98	1.229	5.500	5.390	0.98	1.283
32	22	6.375	5.483	0.86	1.175	6.150	5.289	0.86	1.250	6.000	5.160	0.86	1.283	5.750	4.945	0.86	1.337
32	24	6.700	4.958	0.74	1.229	6.450	4.773	0.74	1.297	6.300	4.662	0.74	1.337	6.100	4.514	0.74	1.405
32	26	6.900	4.278	0.62	1.297	6.700	4.154	0.62	1.365	6.600	4.092	0.62	1.405	6.400	3.968	0.62	1.446

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	3.234	0.66	1.324	4.500	2.970	0.66	1.405	4.150	2.739	0.66	1.459
21	20	5.150	2.781	0.54	1.378	4.800	2.592	0.54	1.446	4.450	2.403	0.54	1.527
22	18	4.900	3.430	0.70	1.324	4.500	3.150	0.70	1.405	4.150	2.905	0.70	1.459
22	20	5.150	2.987	0.58	1.378	4.800	2.784	0.58	1.446	4.450	2.581	0.58	1.527
22	22	5.450	2.507	0.46	1.432	5.100	2.346	0.46	1.513	4.750	2.185	0.46	1.567
23	18	4.900	3.626	0.74	1.324	4.500	3.330	0.74	1.405	4.150	3.071	0.74	1.459
23	20	5.150	3.193	0.62	1.378	4.800	2.976	0.62	1.446	4.450	2.759	0.62	1.527
23	22	5.450	2.725	0.50	1.432	5.100	2.550	0.50	1.513	4.750	2.375	0.50	1.567
24	18	4.900	3.822	0.78	1.324	4.500	3.510	0.78	1.405	4.150	3.237	0.78	1.459
24	20	5.150	3.399	0.66	1.378	4.800	3.168	0.66	1.446	4.450	2.937	0.66	1.527
24	22	5.450	2.943	0.54	1.432	5.100	2.754	0.54	1.513	4.750	2.565	0.54	1.567
24	24	5.750	2.415	0.42	1.486	5.400	2.268	0.42	1.554	5.100	2.142	0.42	1.621
25	20	5.150	3.605	0.70	1.378	4.800	3.360	0.70	1.446	4.450	3.115	0.70	1.527
25	22	5.450	3.161	0.58	1.432	5.100	2.958	0.58	1.513	4.750	2.755	0.58	1.567
25	24	5.750	2.645	0.46	1.486	5.400	2.484	0.46	1.554	5.100	2.346	0.46	1.621
26	18	4.900	4.214	0.86	1.324	4.500	3.870	0.86	1.405	4.150	3.569	0.86	1.459
26	20	5.150	3.811	0.74	1.378	4.800	3.552	0.74	1.446	4.450	3.293	0.74	1.527
26	22	5.450	3.379	0.62	1.432	5.100	3.162	0.62	1.513	4.750	2.945	0.62	1.567
26	24	5.750	2.875	0.50	1.486	5.400	2.700	0.50	1.554	5.100	2.550	0.50	1.621
26	26	6.050	2.299	0.38	1.540	5.700	2.166	0.38	1.608	5.350	2.033	0.38	1.675
27	18	4.900	4.410	0.90	1.324	4.500	4.050	0.90	1.405	4.150	3.735	0.90	1.459
27	20	5.150	4.017	0.78	1.378	4.800	3.744	0.78	1.446	4.450	3.471	0.78	1.527
27	22	5.450	3.597	0.66	1.432	5.100	3.366	0.66	1.513	4.750	3.135	0.66	1.567
27	24	5.750	3.105	0.54	1.486	5.400	2.916	0.54	1.554	5.100	2.754	0.54	1.621
27	26	6.050	2.541	0.42	1.540	5.700	2.394	0.42	1.608	5.350	2.247	0.42	1.675
28	18	4.900	4.606	0.94	1.324	4.500	4.230	0.94	1.405	4.150	3.901	0.94	1.459
28	20	5.150	4.223	0.82	1.378	4.800	3.936	0.82	1.446	4.450	3.649	0.82	1.527
28	22	5.450	3.815	0.70	1.432	5.100	3.570	0.70	1.513	4.750	3.325	0.70	1.567
28	24	5.750	3.335	0.58	1.486	5.400	3.132	0.58	1.554	5.100	2.958	0.58	1.621
28	26	6.050	2.783	0.46	1.540	5.700	2.622	0.46	1.608	5.350	2.461	0.46	1.675
29	18	4.900	4.802	0.98	1.324	4.500	4.410	0.98	1.405	4.150	4.067	0.98	1.459
29	20	5.150	4.429	0.86	1.378	4.800	4.128	0.86	1.446	4.450	3.827	0.86	1.527
29	22	5.450	4.033	0.74	1.432	5.100	3.774	0.74	1.513	4.750	3.515	0.74	1.567
29	24	5.750	3.565	0.62	1.486	5.400	3.348	0.62	1.554	5.100	3.162	0.62	1.621
29	26	6.050	3.025	0.50	1.540	5.700	2.850	0.50	1.608	5.350	2.675	0.50	1.675
30	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
30	20	5.150	4.635	0.90	1.378	4.800	4.320	0.90	1.446	4.450	4.005	0.90	1.527
30	22	5.450	4.251	0.78	1.432	5.100	3.978	0.78	1.513	4.750	3.705	0.78	1.567
30	24	5.750	3.795	0.66	1.486	5.400	3.564	0.66	1.554	5.100	3.366	0.66	1.621
30	26	6.050	3.267	0.54	1.540	5.700	3.078	0.54	1.608	5.350	2.889	0.54	1.675
31	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
31	20	5.150	4.841	0.94	1.378	4.800	4.512	0.94	1.446	4.450	4.183	0.94	1.527
31	22	5.450	4.469	0.82	1.432	5.100	4.182	0.82	1.513	4.750	3.895	0.82	1.567
31	24	5.750	4.025	0.70	1.486	5.400	3.780	0.70	1.554	5.100	3.570	0.70	1.621
31	26	6.050	3.509	0.58	1.540	5.700	3.306	0.58	1.608	5.350	3.103	0.58	1.675
32	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
32	20	5.150	5.047	0.98	1.378	4.800	4.704	0.98	1.446	4.450	4.361	0.98	1.527
32	22	5.450	4.687	0.86	1.432	5.100	4.386	0.86	1.513	4.750	4.085	0.86	1.567
32	24	5.750	4.255	0.74	1.486	5.400	3.996	0.74	1.554	5.100	3.774	0.74	1.621
32	26	6.050	3.751	0.62	1.540	5.700	3.534	0.62	1.608	5.350	3.317	0.62	1.675

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.659	0.65	1.355	6.863	4.461	0.65	1.423	6.588	4.282	0.65	1.491	6.344	4.124	0.65	1.558
21	20	7.473	3.961	0.53	1.423	7.168	3.799	0.53	1.508	6.954	3.686	0.53	1.542	6.710	3.566	0.53	1.609
22	18	7.168	4.946	0.69	1.355	6.863	4.735	0.69	1.423	6.588	4.546	0.69	1.491	6.344	4.377	0.69	1.558
22	20	7.473	4.260	0.57	1.423	7.168	4.086	0.57	1.508	6.954	3.964	0.57	1.542	6.710	3.825	0.57	1.609
22	22	7.778	3.500	0.45	1.474	7.503	3.376	0.45	1.567	7.320	3.294	0.45	1.609	7.015	3.157	0.45	1.677
23	18	7.168	5.233	0.73	1.355	6.863	5.010	0.73	1.423	6.588	4.809	0.73	1.491	6.344	4.631	0.73	1.558
23	20	7.473	4.559	0.61	1.423	7.168	4.372	0.61	1.508	6.954	4.242	0.61	1.542	6.710	4.093	0.61	1.609
23	22	7.778	3.811	0.49	1.474	7.503	3.676	0.49	1.567	7.320	3.587	0.49	1.609	7.015	3.437	0.49	1.677
24	18	7.168	5.519	0.77	1.355	6.863	5.285	0.77	1.423	6.588	5.073	0.77	1.491	6.344	4.885	0.77	1.558
24	20	7.473	4.857	0.65	1.423	7.168	4.659	0.65	1.508	6.954	4.520	0.65	1.542	6.710	4.362	0.65	1.609
24	22	7.778	4.122	0.53	1.474	7.503	3.977	0.53	1.567	7.320	3.880	0.53	1.609	7.015	3.718	0.53	1.677
24	24	8.174	3.351	0.41	1.542	7.869	3.226	0.41	1.626	7.686	3.151	0.41	1.677	7.442	3.051	0.41	1.762
25	20	7.473	5.156	0.69	1.423	7.168	4.946	0.69	1.508	6.954	4.798	0.69	1.542	6.710	4.630	0.69	1.609
25	22	7.778	4.433	0.57	1.474	7.503	4.277	0.57	1.567	7.320	4.172	0.57	1.609	7.015	3.999	0.57	1.677
25	24	8.174	3.678	0.45	1.542	7.869	3.541	0.45	1.626	7.686	3.459	0.45	1.677	7.442	3.349	0.45	1.762
26	18	7.168	6.093	0.85	1.355	6.863	5.834	0.85	1.423	6.588	5.600	0.85	1.491	6.344	5.392	0.85	1.558
26	20	7.473	5.455	0.73	1.423	7.168	5.233	0.73	1.508	6.954	5.076	0.73	1.542	6.710	4.898	0.73	1.609
26	22	7.778	4.745	0.61	1.474	7.503	4.577	0.61	1.567	7.320	4.465	0.61	1.609	7.015	4.279	0.61	1.677
26	24	8.174	4.005	0.49	1.542	7.869	3.856	0.49	1.626	7.686	3.766	0.49	1.677	7.442	3.647	0.49	1.762
26	26	8.418	3.115	0.37	1.626	8.174	3.024	0.37	1.711	8.052	2.979	0.37	1.762	7.808	2.889	0.37	1.813
27	18	7.168	6.380	0.89	1.355	6.863	6.108	0.89	1.423	6.588	5.863	0.89	1.491	6.344	5.646	0.89	1.558
27	20	7.473	5.754	0.77	1.423	7.168	5.519	0.77	1.508	6.954	5.355	0.77	1.542	6.710	5.167	0.77	1.609
27	22	7.778	5.056	0.65	1.474	7.503	4.877	0.65	1.567	7.320	4.758	0.65	1.609	7.015	4.560	0.65	1.677
27	24	8.174	4.332	0.53	1.542	7.869	4.171	0.53	1.626	7.686	4.074	0.53	1.677	7.442	3.944	0.53	1.762
27	26	8.418	3.451	0.41	1.626	8.174	3.351	0.41	1.711	8.052	3.301	0.41	1.762	7.808	3.201	0.41	1.813
28	18	7.168	6.666	0.93	1.355	6.863	6.383	0.93	1.423	6.588	6.127	0.93	1.491	6.344	5.900	0.93	1.558
28	20	7.473	6.053	0.81	1.423	7.168	5.806	0.81	1.508	6.954	5.633	0.81	1.542	6.710	5.435	0.81	1.609
28	22	7.778	5.367	0.69	1.474	7.503	5.177	0.69	1.567	7.320	5.051	0.69	1.609	7.015	4.840	0.69	1.677
28	24	8.174	4.659	0.57	1.542	7.869	4.485	0.57	1.626	7.686	4.381	0.57	1.677	7.442	4.242	0.57	1.762
28	26	8.418	3.788	0.45	1.626	8.174	3.678	0.45	1.711	8.052	3.623	0.45	1.762	7.808	3.514	0.45	1.813
29	18	7.168	6.953	0.97	1.355	6.863	6.657	0.97	1.423	6.588	6.390	0.97	1.491	6.344	6.154	0.97	1.558
29	20	7.473	6.352	0.85	1.423	7.168	6.093	0.85	1.508	6.954	5.911	0.85	1.542	6.710	5.704	0.85	1.609
29	22	7.778	5.678	0.73	1.474	7.503	5.477	0.73	1.567	7.320	5.344	0.73	1.609	7.015	5.121	0.73	1.677
29	24	8.174	4.986	0.61	1.542	7.869	4.800	0.61	1.626	7.686	4.688	0.61	1.677	7.442	4.540	0.61	1.762
29	26	8.418	4.125	0.49	1.626	8.174	4.005	0.49	1.711	8.052	3.945	0.49	1.762	7.808	3.826	0.49	1.813
30	18	7.168	7.168	1.00	1.355	6.863	6.863	1.00	1.423	6.588	6.588	1.00	1.491	6.344	6.344	1.00	1.558
30	20	7.473	6.651	0.89	1.423	7.168	6.380	0.89	1.508	6.954	6.189	0.89	1.542	6.710	5.972	0.89	1.609
30	22	7.778	5.989	0.77	1.474	7.503	5.777	0.77	1.567	7.320	5.636	0.77	1.609	7.015	5.402	0.77	1.677
30	24	8.174	5.313	0.65	1.542	7.869	5.115	0.65	1.626	7.686	4.996	0.65	1.677	7.442	4.837	0.65	1.762
30	26	8.418	4.462	0.53	1.626	8.174	4.332	0.53	1.711	8.052	4.268	0.53	1.762	7.808	4.138	0.53	1.813
31	18	7.168	7.168	1.00	1.355	6.863	6.863	1.00	1.423	6.588	6.588	1.00	1.491	6.344	6.344	1.00	1.558
31	20	7.473	6.950	0.93	1.423	7.168	6.666	0.93	1.508	6.954	6.467	0.93	1.542	6.710	6.240	0.93	1.609
31	22	7.778	6.300	0.81	1.474	7.503	6.077	0.81	1.567	7.320	5.929	0.81	1.609	7.015	5.682	0.81	1.677
31	24	8.174	5.640	0.69	1.542	7.869	5.430	0.69	1.626	7.686	5.303	0.69	1.677	7.442	5.135	0.69	1.762
31	26	8.418	4.798	0.57	1.626	8.174	4.659	0.57	1.711	8.052	4.590	0.57	1.762	7.808	4.451	0.57	1.813
32	18	7.168	7.168	1.00	1.355	6.863	6.863	1.00	1.423	6.588	6.588	1.00	1.491	6.344	6.344	1.00	1.558
32	20	7.473	7.249	0.97	1.423	7.168	6.953	0.97	1.508	6.954	6.745	0.97	1.542	6.710	6.509	0.97	1.609
32	22	7.778	6.611	0.85	1.474	7.503	6.378	0.85	1.567	7.320	6.222	0.85	1.609	7.015	5.963	0.85	1.677
32	24	8.174	5.967	0.73	1.542	7.869	5.744	0.73	1.626	7.686	5.611	0.73	1.677	7.442	5.433	0.73	1.762
32	26	8.418	5.135	0.61	1.626	8.174	4.986	0.61	1.711	8.052	4.912	0.61	1.762	7.808	4.763	0.61	1.813

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.886	0.65	1.660	5.490	3.569	0.65	1.762	5.063	3.291	0.65	1.830
21	20	6.283	3.330	0.53	1.728	5.856	3.104	0.53	1.813	5.429	2.877	0.53	1.914
22	18	5.978	4.125	0.69	1.660	5.490	3.788	0.69	1.762	5.063	3.493	0.69	1.830
22	20	6.283	3.581	0.57	1.728	5.856	3.338	0.57	1.813	5.429	3.095	0.57	1.914
22	22	6.649	2.992	0.45	1.796	6.222	2.800	0.45	1.897	5.795	2.608	0.45	1.965
23	18	5.978	4.364	0.73	1.660	5.490	4.008	0.73	1.762	5.063	3.696	0.73	1.830
23	20	6.283	3.833	0.61	1.728	5.856	3.572	0.61	1.813	5.429	3.312	0.61	1.914
23	22	6.649	3.258	0.49	1.796	6.222	3.049	0.49	1.897	5.795	2.840	0.49	1.965
24	18	5.978	4.603	0.77	1.660	5.490	4.227	0.77	1.762	5.063	3.899	0.77	1.830
24	20	6.283	4.084	0.65	1.728	5.856	3.806	0.65	1.813	5.429	3.529	0.65	1.914
24	22	6.649	3.524	0.53	1.796	6.222	3.298	0.53	1.897	5.795	3.071	0.53	1.965
24	24	7.015	2.876	0.41	1.863	6.588	2.701	0.41	1.948	6.222	2.551	0.41	2.033
25	20	6.283	4.335	0.69	1.728	5.856	4.041	0.69	1.813	5.429	3.746	0.69	1.914
25	22	6.649	3.790	0.57	1.796	6.222	3.547	0.57	1.897	5.795	3.303	0.57	1.965
25	24	7.015	3.157	0.45	1.863	6.588	2.965	0.45	1.948	6.222	2.800	0.45	2.033
26	18	5.978	5.081	0.85	1.660	5.490	4.667	0.85	1.762	5.063	4.304	0.85	1.830
26	20	6.283	4.587	0.73	1.728	5.856	4.275	0.73	1.813	5.429	3.963	0.73	1.914
26	22	6.649	4.056	0.61	1.796	6.222	3.795	0.61	1.897	5.795	3.535	0.61	1.965
26	24	7.015	3.437	0.49	1.863	6.588	3.228	0.49	1.948	6.222	3.049	0.49	2.033
26	26	7.381	2.731	0.37	1.931	6.954	2.573	0.37	2.016	6.527	2.415	0.37	2.101
27	18	5.978	5.320	0.89	1.660	5.490	4.886	0.89	1.762	5.063	4.506	0.89	1.830
27	20	6.283	4.838	0.77	1.728	5.856	4.509	0.77	1.813	5.429	4.180	0.77	1.914
27	22	6.649	4.322	0.65	1.796	6.222	4.044	0.65	1.897	5.795	3.767	0.65	1.965
27	24	7.015	3.718	0.53	1.863	6.588	3.492	0.53	1.948	6.222	3.298	0.53	2.033
27	26	7.381	3.026	0.41	1.931	6.954	2.851	0.41	2.016	6.527	2.676	0.41	2.101
28	18	5.978	5.560	0.93	1.660	5.490	5.106	0.93	1.762	5.063	4.709	0.93	1.830
28	20	6.283	5.089	0.81	1.728	5.856	4.743	0.81	1.813	5.429	4.397	0.81	1.914
28	22	6.649	4.588	0.69	1.796	6.222	4.293	0.69	1.897	5.795	3.999	0.69	1.965
28	24	7.015	3.999	0.57	1.863	6.588	3.755	0.57	1.948	6.222	3.547	0.57	2.033
28	26	7.381	3.321	0.45	1.931	6.954	3.129	0.45	2.016	6.527	2.937	0.45	2.101
29	18	5.978	5.799	0.97	1.660	5.490	5.325	0.97	1.762	5.063	4.911	0.97	1.830
29	20	6.283	5.341	0.85	1.728	5.856	4.978	0.85	1.813	5.429	4.615	0.85	1.914
29	22	6.649	4.854	0.73	1.796	6.222	4.542	0.73	1.897	5.795	4.230	0.73	1.965
29	24	7.015	4.279	0.61	1.863	6.588	4.019	0.61	1.948	6.222	3.795	0.61	2.033
29	26	7.381	3.617	0.49	1.931	6.954	3.407	0.49	2.016	6.527	3.198	0.49	2.101
30	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
30	20	6.283	5.592	0.89	1.728	5.856	5.212	0.89	1.813	5.429	4.832	0.89	1.914
30	22	6.649	5.120	0.77	1.796	6.222	4.791	0.77	1.897	5.795	4.462	0.77	1.965
30	24	7.015	4.560	0.65	1.863	6.588	4.282	0.65	1.948	6.222	4.044	0.65	2.033
30	26	7.381	3.912	0.53	1.931	6.954	3.686	0.53	2.016	6.527	3.459	0.53	2.101
31	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
31	20	6.283	5.843	0.93	1.728	5.856	5.446	0.93	1.813	5.429	5.049	0.93	1.914
31	22	6.649	5.386	0.81	1.796	6.222	5.040	0.81	1.897	5.795	4.694	0.81	1.965
31	24	7.015	4.840	0.69	1.863	6.588	4.546	0.69	1.948	6.222	4.293	0.69	2.033
31	26	7.381	4.207	0.57	1.931	6.954	3.964	0.57	2.016	6.527	3.720	0.57	2.101
32	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
32	20	6.283	6.095	0.97	1.728	5.856	5.680	0.97	1.813	5.429	5.266	0.97	1.914
32	22	6.649	5.652	0.85	1.796	6.222	5.289	0.85	1.897	5.795	4.926	0.85	1.965
32	24	7.015	5.121	0.73	1.863	6.588	4.809	0.73	1.948	6.222	4.542	0.73	2.033
32	26	7.381	4.502	0.61	1.931	6.954	4.242	0.61	2.016	6.527	3.981	0.61	2.101

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.622	7.988	4.953	0.62	1.704	7.668	4.754	0.62	1.785	7.384	4.578	0.62	1.866
21	20	8.698	4.349	0.50	1.704	8.343	4.172	0.50	1.805	8.094	4.047	0.50	1.845	7.810	3.905	0.50	1.927
22	18	8.343	5.506	0.66	1.622	7.988	5.272	0.66	1.704	7.668	5.061	0.66	1.785	7.384	4.873	0.66	1.866
22	20	8.698	4.697	0.54	1.704	8.343	4.505	0.54	1.805	8.094	4.371	0.54	1.845	7.810	4.217	0.54	1.927
22	22	9.053	3.802	0.42	1.764	8.733	3.668	0.42	1.876	8.520	3.578	0.42	1.927	8.165	3.429	0.42	2.008
23	18	8.343	5.840	0.70	1.622	7.988	5.592	0.70	1.704	7.668	5.368	0.70	1.785	7.384	5.169	0.70	1.866
23	20	8.698	5.045	0.58	1.704	8.343	4.839	0.58	1.805	8.094	4.695	0.58	1.845	7.810	4.530	0.58	1.927
23	22	9.053	4.164	0.46	1.764	8.733	4.017	0.46	1.876	8.520	3.919	0.46	1.927	8.165	3.756	0.46	2.008
24	18	8.343	6.174	0.74	1.622	7.988	5.911	0.74	1.704	7.668	5.674	0.74	1.785	7.384	5.464	0.74	1.866
24	20	8.698	5.393	0.62	1.704	8.343	5.173	0.62	1.805	8.094	5.018	0.62	1.845	7.810	4.842	0.62	1.927
24	22	9.053	4.527	0.50	1.764	8.733	4.367	0.50	1.876	8.520	4.260	0.50	1.927	8.165	4.083	0.50	2.008
24	24	9.514	3.615	0.38	1.845	9.159	3.480	0.38	1.947	8.946	3.399	0.38	2.008	8.662	3.292	0.38	2.109
25	20	8.698	5.741	0.66	1.704	8.343	5.506	0.66	1.805	8.094	5.342	0.66	1.845	7.810	5.155	0.66	1.927
25	22	9.053	4.889	0.54	1.764	8.733	4.716	0.54	1.876	8.520	4.601	0.54	1.927	8.165	4.409	0.54	2.008
25	24	9.514	3.996	0.42	1.845	9.159	3.847	0.42	1.947	8.946	3.757	0.42	2.008	8.662	3.638	0.42	2.109
26	18	8.343	6.841	0.82	1.622	7.988	6.550	0.82	1.704	7.668	6.288	0.82	1.785	7.384	6.055	0.82	1.866
26	20	8.698	6.089	0.70	1.704	8.343	5.840	0.70	1.805	8.094	5.666	0.70	1.845	7.810	5.467	0.70	1.927
26	22	9.053	5.251	0.58	1.764	8.733	5.065	0.58	1.876	8.520	4.942	0.58	1.927	8.165	4.736	0.58	2.008
26	24	9.514	4.376	0.46	1.845	9.159	4.213	0.46	1.947	8.946	4.115	0.46	2.008	8.662	3.985	0.46	2.109
26	26	9.798	3.331	0.34	1.947	9.514	3.235	0.34	2.048	9.372	3.186	0.34	2.109	9.088	3.090	0.34	2.170
27	18	8.343	7.175	0.86	1.622	7.988	6.870	0.86	1.704	7.668	6.594	0.86	1.785	7.384	6.350	0.86	1.866
27	20	8.698	6.437	0.74	1.704	8.343	6.174	0.74	1.805	8.094	5.990	0.74	1.845	7.810	5.779	0.74	1.927
27	22	9.053	5.613	0.62	1.764	8.733	5.414	0.62	1.876	8.520	5.282	0.62	1.927	8.165	5.062	0.62	2.008
27	24	9.514	4.757	0.50	1.845	9.159	4.580	0.50	1.947	8.946	4.473	0.50	2.008	8.662	4.331	0.50	2.109
27	26	9.798	3.723	0.38	1.947	9.514	3.615	0.38	2.048	9.372	3.561	0.38	2.109	9.088	3.453	0.38	2.170
28	18	8.343	7.509	0.90	1.622	7.988	7.189	0.90	1.704	7.668	6.901	0.90	1.785	7.384	6.646	0.90	1.866
28	20	8.698	6.784	0.78	1.704	8.343	6.508	0.78	1.805	8.094	6.313	0.78	1.845	7.810	6.092	0.78	1.927
28	22	9.053	5.975	0.66	1.764	8.733	5.764	0.66	1.876	8.520	5.623	0.66	1.927	8.165	5.389	0.66	2.008
28	24	9.514	5.138	0.54	1.845	9.159	4.946	0.54	1.947	8.946	4.831	0.54	2.008	8.662	4.677	0.54	2.109
28	26	9.798	4.115	0.42	1.947	9.514	3.996	0.42	2.048	9.372	3.936	0.42	2.109	9.088	3.817	0.42	2.170
29	18	8.343	7.842	0.94	1.622	7.988	7.509	0.94	1.704	7.668	7.208	0.94	1.785	7.384	6.941	0.94	1.866
29	20	8.698	7.132	0.82	1.704	8.343	6.841	0.82	1.805	8.094	6.637	0.82	1.845	7.810	6.404	0.82	1.927
29	22	9.053	6.337	0.70	1.764	8.733	6.113	0.70	1.876	8.520	5.964	0.70	1.927	8.165	5.716	0.70	2.008
29	24	9.514	5.518	0.58	1.845	9.159	5.312	0.58	1.947	8.946	5.189	0.58	2.008	8.662	5.024	0.58	2.109
29	26	9.798	4.507	0.46	1.947	9.514	4.376	0.46	2.048	9.372	4.311	0.46	2.109	9.088	4.180	0.46	2.170
30	18	8.343	8.176	0.98	1.622	7.988	7.828	0.98	1.704	7.668	7.515	0.98	1.785	7.384	7.236	0.98	1.866
30	20	8.698	7.480	0.86	1.704	8.343	7.175	0.86	1.805	8.094	6.961	0.86	1.845	7.810	6.717	0.86	1.927
30	22	9.053	6.699	0.74	1.764	8.733	6.462	0.74	1.876	8.520	6.305	0.74	1.927	8.165	6.042	0.74	2.008
30	24	9.514	5.899	0.62	1.845	9.159	5.679	0.62	1.947	8.946	5.547	0.62	2.008	8.662	5.370	0.62	2.109
30	26	9.798	4.899	0.50	1.947	9.514	4.757	0.50	2.048	9.372	4.686	0.50	2.109	9.088	4.544	0.50	2.170
31	18	8.343	8.343	1.00	1.622	7.988	7.988	1.00	1.704	7.668	7.668	1.00	1.785	7.384	7.384	1.00	1.866
31	20	8.698	7.828	0.90	1.704	8.343	7.509	0.90	1.805	8.094	7.285	0.90	1.845	7.810	7.029	0.90	1.927
31	22	9.053	7.061	0.78	1.764	8.733	6.812	0.78	1.876	8.520	6.646	0.78	1.927	8.165	6.369	0.78	2.008
31	24	9.514	6.279	0.66	1.845	9.159	6.045	0.66	1.947	8.946	5.904	0.66	2.008	8.662	5.717	0.66	2.109
31	26	9.798	5.291	0.54	1.947	9.514	5.138	0.54	2.048	9.372	5.061	0.54	2.109	9.088	4.908	0.54	2.170
32	18	8.343	8.343	1.00	1.622	7.988	7.988	1.00	1.704	7.668	7.668	1.00	1.785	7.384	7.384	1.00	1.866
32	20	8.698	8.176	0.94	1.704	8.343	7.842	0.94	1.805	8.094	7.608	0.94	1.845	7.810	7.341	0.94	1.927
32	22	9.053	7.423	0.82	1.764	8.733	7.161	0.82	1.876	8.520	6.986	0.82	1.927	8.165	6.695	0.82	2.008
32	24	9.514	6.660	0.70	1.845	9.159	6.411	0.70	1.947	8.946	6.262	0.70	2.008	8.662	6.063	0.70	2.109
32	26	9.798	5.683	0.58	1.947	9.514	5.518	0.58	2.048	9.372	5.436	0.58	2.109	9.088	5.271	0.58	2.170

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	1.987	6.390	3.962	0.62	2.109	5.893	3.654	0.62	2.190
21	20	7.313	3.657	0.50	2.069	6.816	3.408	0.50	2.170	6.319	3.160	0.50	2.292
22	18	6.958	4.592	0.66	1.987	6.390	4.217	0.66	2.109	5.893	3.889	0.66	2.190
22	20	7.313	3.949	0.54	2.069	6.816	3.681	0.54	2.170	6.319	3.412	0.54	2.292
22	22	7.739	3.250	0.42	2.150	7.242	3.042	0.42	2.271	6.745	2.833	0.42	2.352
23	18	6.958	4.871	0.70	1.987	6.390	4.473	0.70	2.109	5.893	4.125	0.70	2.190
23	20	7.313	4.242	0.58	2.069	6.816	3.953	0.58	2.170	6.319	3.665	0.58	2.292
23	22	7.739	3.560	0.46	2.150	7.242	3.331	0.46	2.271	6.745	3.103	0.46	2.352
24	18	6.958	5.149	0.74	1.987	6.390	4.729	0.74	2.109	5.893	4.361	0.74	2.190
24	20	7.313	4.534	0.62	2.069	6.816	4.226	0.62	2.170	6.319	3.918	0.62	2.292
24	22	7.739	3.870	0.50	2.150	7.242	3.621	0.50	2.271	6.745	3.373	0.50	2.352
24	24	8.165	3.103	0.38	2.231	7.668	2.914	0.38	2.332	7.242	2.752	0.38	2.434
25	20	7.313	4.827	0.66	2.069	6.816	4.499	0.66	2.170	6.319	4.171	0.66	2.292
25	22	7.739	4.179	0.54	2.150	7.242	3.911	0.54	2.271	6.745	3.642	0.54	2.352
25	24	8.165	3.429	0.42	2.231	7.668	3.221	0.42	2.332	7.242	3.042	0.42	2.434
26	18	6.958	5.706	0.82	1.987	6.390	5.240	0.82	2.109	5.893	4.832	0.82	2.190
26	20	7.313	5.119	0.70	2.069	6.816	4.771	0.70	2.170	6.319	4.423	0.70	2.292
26	22	7.739	4.489	0.58	2.150	7.242	4.200	0.58	2.271	6.745	3.912	0.58	2.352
26	24	8.165	3.756	0.46	2.231	7.668	3.527	0.46	2.332	7.242	3.331	0.46	2.434
26	26	8.591	2.921	0.34	2.312	8.094	2.752	0.34	2.413	7.597	2.583	0.34	2.515
27	18	6.958	5.984	0.86	1.987	6.390	5.495	0.86	2.109	5.893	5.068	0.86	2.190
27	20	7.313	5.412	0.74	2.069	6.816	5.044	0.74	2.170	6.319	4.676	0.74	2.292
27	22	7.739	4.798	0.62	2.150	7.242	4.490	0.62	2.271	6.745	4.182	0.62	2.352
27	24	8.165	4.083	0.50	2.231	7.668	3.834	0.50	2.332	7.242	3.621	0.50	2.434
27	26	8.591	3.265	0.38	2.312	8.094	3.076	0.38	2.413	7.597	2.887	0.38	2.515
28	18	6.958	6.262	0.90	1.987	6.390	5.751	0.90	2.109	5.893	5.304	0.90	2.190
28	20	7.313	5.704	0.78	2.069	6.816	5.316	0.78	2.170	6.319	4.929	0.78	2.292
28	22	7.739	5.108	0.66	2.150	7.242	4.780	0.66	2.271	6.745	4.452	0.66	2.352
28	24	8.165	4.409	0.54	2.231	7.668	4.141	0.54	2.332	7.242	3.911	0.54	2.434
28	26	8.591	3.608	0.42	2.312	8.094	3.399	0.42	2.413	7.597	3.191	0.42	2.515
29	18	6.958	6.541	0.94	1.987	6.390	6.007	0.94	2.109	5.893	5.539	0.94	2.190
29	20	7.313	5.997	0.82	2.069	6.816	5.589	0.82	2.170	6.319	5.182	0.82	2.292
29	22	7.739	5.417	0.70	2.150	7.242	5.069	0.70	2.271	6.745	4.722	0.70	2.352
29	24	8.165	4.736	0.58	2.231	7.668	4.447	0.58	2.332	7.242	4.200	0.58	2.434
29	26	8.591	3.952	0.46	2.312	8.094	3.723	0.46	2.413	7.597	3.495	0.46	2.515
30	18	6.958	6.819	0.98	1.987	6.390	6.262	0.98	2.109	5.893	5.775	0.98	2.190
30	20	7.313	6.289	0.86	2.069	6.816	5.862	0.86	2.170	6.319	5.434	0.86	2.292
30	22	7.739	5.727	0.74	2.150	7.242	5.359	0.74	2.271	6.745	4.991	0.74	2.352
30	24	8.165	5.062	0.62	2.231	7.668	4.754	0.62	2.332	7.242	4.490	0.62	2.434
30	26	8.591	4.296	0.50	2.312	8.094	4.047	0.50	2.413	7.597	3.799	0.50	2.515
31	18	6.958	6.958	1.00	1.987	6.390	6.390	1.00	2.109	5.893	5.893	1.00	2.190
31	20	7.313	6.582	0.90	2.069	6.816	6.134	0.90	2.170	6.319	5.687	0.90	2.292
31	22	7.739	6.036	0.78	2.150	7.242	5.649	0.78	2.271	6.745	5.261	0.78	2.352
31	24	8.165	5.389	0.66	2.231	7.668	5.061	0.66	2.332	7.242	4.780	0.66	2.434
31	26	8.591	4.639	0.54	2.312	8.094	4.371	0.54	2.413	7.597	4.102	0.54	2.515
32	18	6.958	6.958	1.00	1.987	6.390	6.390	1.00	2.109	5.893	5.893	1.00	2.190
32	20	7.313	6.874	0.94	2.069	6.816	6.407	0.94	2.170	6.319	5.940	0.94	2.292
32	22	7.739	6.346	0.82	2.150	7.242	5.938	0.82	2.271	6.745	5.531	0.82	2.352
32	24	8.165	5.716	0.70	2.231	7.668	5.368	0.70	2.332	7.242	5.069	0.70	2.434
32	26	8.591	4.983	0.58	2.312	8.094	4.695	0.58	2.413	7.597	4.406	0.58	2.515

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M100JA(L)2 / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	2.302	9.120	6.566	0.72	2.432	8.835	6.361	0.72	2.576
20	18	10.070	6.042	0.60	2.346	9.785	5.871	0.60	2.475	9.453	5.672	0.60	2.648
20	20	10.830	5.198	0.48	2.418	10.593	5.085	0.48	2.533	10.308	4.948	0.48	2.705
22	16	9.405	7.524	0.80	2.302	9.120	7.296	0.80	2.432	8.835	7.068	0.80	2.576
22	18	10.070	6.848	0.68	2.346	9.785	6.654	0.68	2.475	9.453	6.428	0.68	2.648
22	20	10.830	6.065	0.56	2.418	10.593	5.932	0.56	2.533	10.308	5.772	0.56	2.705
24	16	9.405	8.276	0.88	2.302	9.120	8.026	0.88	2.432	8.835	7.775	0.88	2.576
24	18	10.070	7.653	0.76	2.346	9.785	7.437	0.76	2.475	9.453	7.184	0.76	2.648
24	20	10.830	6.931	0.64	2.418	10.593	6.780	0.64	2.533	10.308	6.597	0.64	2.705
24	22	11.543	6.002	0.52	2.475	11.305	5.879	0.52	2.619	11.020	5.730	0.52	2.792
26	16	9.405	9.029	0.96	2.302	9.120	8.755	0.96	2.432	8.835	8.482	0.96	2.576
26	18	10.070	8.459	0.84	2.346	9.785	8.219	0.84	2.475	9.453	7.941	0.84	2.648
26	20	10.830	7.798	0.72	2.418	10.593	7.627	0.72	2.533	10.308	7.422	0.72	2.705
26	22	11.543	6.926	0.60	2.475	11.305	6.783	0.60	2.619	11.020	6.612	0.60	2.792
27	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
27	18	10.070	8.862	0.88	2.346	9.785	8.611	0.88	2.475	9.453	8.319	0.88	2.648
27	20	10.830	8.231	0.76	2.418	10.593	8.051	0.76	2.533	10.308	7.834	0.76	2.705
27	22	11.543	7.388	0.64	2.475	11.305	7.235	0.64	2.619	11.020	7.053	0.64	2.792
28	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
28	18	10.070	9.264	0.92	2.346	9.785	9.002	0.92	2.475	9.453	8.697	0.92	2.648
28	20	10.830	8.664	0.80	2.418	10.593	8.474	0.80	2.533	10.308	8.246	0.80	2.705
28	22	11.543	7.849	0.68	2.475	11.305	7.687	0.68	2.619	11.020	7.494	0.68	2.792
30	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
30	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
30	20	10.830	9.530	0.88	2.418	10.593	9.322	0.88	2.533	10.308	9.071	0.88	2.705
30	22	11.543	8.773	0.76	2.475	11.305	8.592	0.76	2.619	11.020	8.375	0.76	2.792
32	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
32	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
32	20	10.830	10.397	0.96	2.418	10.593	10.169	0.96	2.533	10.308	9.896	0.96	2.705
32	22	11.543	9.696	0.84	2.475	11.305	9.496	0.84	2.619	11.020	9.257	0.84	2.792
34	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
34	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
34	20	10.830	10.830	1.00	2.418	10.593	10.593	1.00	2.533	10.308	10.308	1.00	2.705
34	22	11.543	10.620	0.92	2.475	11.305	10.401	0.92	2.619	11.020	10.138	0.92	2.792

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.763	8.075	5.814	0.72	2.964	7.695	5.540	0.72	3.209
20	18	9.120	5.472	0.60	2.835	8.835	5.301	0.60	3.051	8.265	4.959	0.60	3.281
20	20	9.880	4.742	0.48	2.907	9.500	4.560	0.48	3.108	8.930	4.286	0.48	3.338
22	16	8.455	6.764	0.80	2.763	8.075	6.460	0.80	2.964	7.695	6.156	0.80	3.209
22	18	9.120	6.202	0.68	2.835	8.835	6.008	0.68	3.051	8.265	5.620	0.68	3.281
22	20	9.880	5.533	0.56	2.907	9.500	5.320	0.56	3.108	8.930	5.001	0.56	3.338
24	16	8.455	7.440	0.88	2.763	8.075	7.106	0.88	2.964	7.695	6.772	0.88	3.209
24	18	9.120	6.931	0.76	2.835	8.835	6.715	0.76	3.051	8.265	6.281	0.76	3.281
24	20	9.880	6.323	0.64	2.907	9.500	6.080	0.64	3.108	8.930	5.715	0.64	3.338
24	22	10.640	5.533	0.52	2.964	10.260	5.335	0.52	3.195	9.690	5.039	0.52	3.396
26	16	8.455	8.117	0.96	2.763	8.075	7.752	0.96	2.964	7.695	7.387	0.96	3.209
26	18	9.120	7.661	0.84	2.835	8.835	7.421	0.84	3.051	8.265	6.943	0.84	3.281
26	20	9.880	7.114	0.72	2.907	9.500	6.840	0.72	3.108	8.930	6.430	0.72	3.338
26	22	10.640	6.384	0.60	2.964	10.260	6.156	0.60	3.195	9.690	5.814	0.60	3.396
27	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
27	18	9.120	8.026	0.88	2.835	8.835	7.775	0.88	3.051	8.265	7.273	0.88	3.281
27	20	9.880	7.509	0.76	2.907	9.500	7.220	0.76	3.108	8.930	6.787	0.76	3.338
27	22	10.640	6.810	0.64	2.964	10.260	6.566	0.64	3.195	9.690	6.202	0.64	3.396
28	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
28	18	9.120	8.390	0.92	2.835	8.835	8.128	0.92	3.051	8.265	7.604	0.92	3.281
28	20	9.880	7.904	0.80	2.907	9.500	7.600	0.80	3.108	8.930	7.144	0.80	3.338
28	22	10.640	7.235	0.68	2.964	10.260	6.977	0.68	3.195	9.690	6.589	0.68	3.396
30	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
30	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
30	20	9.880	8.694	0.88	2.907	9.500	8.360	0.88	3.108	8.930	7.858	0.88	3.338
30	22	10.640	8.086	0.76	2.964	10.260	7.798	0.76	3.195	9.690	7.364	0.76	3.396
32	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
32	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
32	20	9.880	9.485	0.96	2.907	9.500	9.120	0.96	3.108	8.930	8.573	0.96	3.338
32	22	10.640	8.938	0.84	2.964	10.260	8.618	0.84	3.195	9.690	8.140	0.84	3.396
34	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
34	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
34	20	9.880	9.880	1.00	2.907	9.500	9.500	1.00	3.108	8.930	8.930	1.00	3.338
34	22	10.640	9.789	0.92	2.964	10.260	9.439	0.92	3.195	9.690	8.915	0.92	3.396

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M125JA(L)2 / PUZ-M125VKA2 PUZ-M125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	8.146	0.68	3.215	11.616	7.899	0.68	3.396	11.253	7.652	0.68	3.597
20	18	12.826	7.183	0.56	3.275	12.463	6.979	0.56	3.456	12.040	6.742	0.56	3.697
20	20	13.794	6.069	0.44	3.376	13.492	5.936	0.44	3.537	13.129	5.777	0.44	3.778
22	16	11.979	9.104	0.76	3.215	11.616	8.828	0.76	3.396	11.253	8.552	0.76	3.597
22	18	12.826	8.209	0.64	3.275	12.463	7.976	0.64	3.456	12.040	7.706	0.64	3.697
22	20	13.794	7.173	0.52	3.376	13.492	7.016	0.52	3.537	13.129	6.827	0.52	3.778
24	16	11.979	10.062	0.84	3.215	11.616	9.757	0.84	3.396	11.253	9.453	0.84	3.597
24	18	12.826	9.235	0.72	3.275	12.463	8.973	0.72	3.456	12.040	8.669	0.72	3.697
24	20	13.794	8.276	0.60	3.376	13.492	8.095	0.60	3.537	13.129	7.877	0.60	3.778
24	22	14.702	7.057	0.48	3.456	14.399	6.912	0.48	3.657	14.036	6.737	0.48	3.898
26	16	11.979	11.021	0.92	3.215	11.616	10.687	0.92	3.396	11.253	10.353	0.92	3.597
26	18	12.826	10.261	0.80	3.275	12.463	9.970	0.80	3.456	12.040	9.632	0.80	3.697
26	20	13.794	9.380	0.68	3.376	13.492	9.175	0.68	3.537	13.129	8.928	0.68	3.778
26	22	14.702	8.233	0.56	3.456	14.399	8.063	0.56	3.657	14.036	7.860	0.56	3.898
27	16	11.979	11.500	0.96	3.215	11.616	11.151	0.96	3.396	11.253	10.803	0.96	3.597
27	18	12.826	10.774	0.84	3.275	12.463	10.469	0.84	3.456	12.040	10.114	0.84	3.697
27	20	13.794	9.932	0.72	3.376	13.492	9.714	0.72	3.537	13.129	9.453	0.72	3.778
27	22	14.702	8.821	0.60	3.456	14.399	8.639	0.60	3.657	14.036	8.422	0.60	3.898
28	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
28	18	12.826	11.287	0.88	3.275	12.463	10.967	0.88	3.456	12.040	10.595	0.88	3.697
28	20	13.794	10.483	0.76	3.376	13.492	10.254	0.76	3.537	13.129	9.978	0.76	3.778
28	22	14.702	9.409	0.64	3.456	14.399	9.215	0.64	3.657	14.036	8.983	0.64	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	12.313	0.96	3.275	12.463	11.964	0.96	3.456	12.040	11.558	0.96	3.697
30	20	13.794	11.587	0.84	3.376	13.492	11.333	0.84	3.537	13.129	11.028	0.84	3.778
30	22	14.702	10.585	0.72	3.456	14.399	10.367	0.72	3.657	14.036	10.106	0.72	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
32	20	13.794	12.690	0.92	3.376	13.492	12.413	0.92	3.537	13.129	12.079	0.92	3.778
32	22	14.702	11.762	0.80	3.456	14.399	11.519	0.80	3.657	14.036	11.229	0.80	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	13.794	1.00	3.376	13.492	13.492	1.00	3.537	13.129	13.129	1.00	3.778
34	22	14.702	12.938	0.88	3.456	14.399	12.671	0.88	3.657	14.036	12.352	0.88	3.898

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	7.323	0.68	3.858	10.285	6.994	0.68	4.140	9.801	6.665	0.68	4.481
20	18	11.616	6.505	0.56	3.959	11.253	6.302	0.56	4.260	10.527	5.895	0.56	4.582
20	20	12.584	5.537	0.44	4.059	12.100	5.324	0.44	4.341	11.374	5.005	0.44	4.662
22	16	10.769	8.184	0.76	3.858	10.285	7.817	0.76	4.140	9.801	7.449	0.76	4.481
22	18	11.616	7.434	0.64	3.959	11.253	7.202	0.64	4.260	10.527	6.737	0.64	4.582
22	20	12.584	6.544	0.52	4.059	12.100	6.292	0.52	4.341	11.374	5.914	0.52	4.662
24	16	10.769	9.046	0.84	3.858	10.285	8.639	0.84	4.140	9.801	8.233	0.84	4.481
24	18	11.616	8.364	0.72	3.959	11.253	8.102	0.72	4.260	10.527	7.579	0.72	4.582
24	20	12.584	7.550	0.60	4.059	12.100	7.260	0.60	4.341	11.374	6.824	0.60	4.662
24	22	13.552	6.505	0.48	4.140	13.068	6.273	0.48	4.461	12.342	5.924	0.48	4.742
26	16	10.769	9.907	0.92	3.858	10.285	9.462	0.92	4.140	9.801	9.017	0.92	4.481
26	18	11.616	9.293	0.80	3.959	11.253	9.002	0.80	4.260	10.527	8.422	0.80	4.582
26	20	12.584	8.557	0.68	4.059	12.100	8.228	0.68	4.341	11.374	7.734	0.68	4.662
26	22	13.552	7.589	0.56	4.140	13.068	7.318	0.56	4.461	12.342	6.912	0.56	4.742
27	16	10.769	10.338	0.96	3.858	10.285	9.874	0.96	4.140	9.801	9.409	0.96	4.481
27	18	11.616	9.757	0.84	3.959	11.253	9.453	0.84	4.260	10.527	8.843	0.84	4.582
27	20	12.584	9.060	0.72	4.059	12.100	8.712	0.72	4.341	11.374	8.189	0.72	4.662
27	22	13.552	8.131	0.60	4.140	13.068	7.841	0.60	4.461	12.342	7.405	0.60	4.742
28	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
28	18	11.616	10.222	0.88	3.959	11.253	9.903	0.88	4.260	10.527	9.264	0.88	4.582
28	20	12.584	9.564	0.76	4.059	12.100	9.196	0.76	4.341	11.374	8.644	0.76	4.662
28	22	13.552	8.673	0.64	4.140	13.068	8.364	0.64	4.461	12.342	7.899	0.64	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	11.151	0.96	3.959	11.253	10.803	0.96	4.260	10.527	10.106	0.96	4.582
30	20	12.584	10.571	0.84	4.059	12.100	10.164	0.84	4.341	11.374	9.554	0.84	4.662
30	22	13.552	9.757	0.72	4.140	13.068	9.409	0.72	4.461	12.342	8.886	0.72	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
32	20	12.584	11.577	0.92	4.059	12.100	11.132	0.92	4.341	11.374	10.464	0.92	4.662
32	22	13.552	10.842	0.80	4.140	13.068	10.454	0.80	4.461	12.342	9.874	0.80	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
34	20	12.584	12.584	1.00	4.059	12.100	12.100	1.00	4.341	11.374	11.374	1.00	4.662
34	22	13.552	11.926	0.88	4.140	13.068	11.500	0.88	4.461	12.342	10.861	0.88	4.742

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M140JA2 / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	3.814	12.864	8.619	0.67	4.029	12.462	8.350	0.67	4.267
20	18	14.204	7.812	0.55	3.886	13.802	7.591	0.55	4.100	13.333	7.333	0.55	4.387
20	20	15.276	6.569	0.43	4.005	14.941	6.425	0.43	4.196	14.539	6.252	0.43	4.482
22	16	13.266	9.950	0.75	3.814	12.864	9.648	0.75	4.029	12.462	9.347	0.75	4.267
22	18	14.204	8.949	0.63	3.886	13.802	8.695	0.63	4.100	13.333	8.400	0.63	4.387
22	20	15.276	7.791	0.51	4.005	14.941	7.620	0.51	4.196	14.539	7.415	0.51	4.482
24	16	13.266	11.011	0.83	3.814	12.864	10.677	0.83	4.029	12.462	10.343	0.83	4.267
24	18	14.204	10.085	0.71	3.886	13.802	9.799	0.71	4.100	13.333	9.466	0.71	4.387
24	20	15.276	9.013	0.59	4.005	14.941	8.815	0.59	4.196	14.539	8.578	0.59	4.482
24	22	16.281	7.652	0.47	4.100	15.946	7.495	0.47	4.339	15.544	7.306	0.47	4.625
26	16	13.266	12.072	0.91	3.814	12.864	11.706	0.91	4.029	12.462	11.340	0.91	4.267
26	18	14.204	11.221	0.79	3.886	13.802	10.904	0.79	4.100	13.333	10.533	0.79	4.387
26	20	15.276	10.235	0.67	4.005	14.941	10.010	0.67	4.196	14.539	9.741	0.67	4.482
26	22	16.281	8.955	0.55	4.100	15.946	8.770	0.55	4.339	15.544	8.549	0.55	4.625
27	16	13.266	12.603	0.95	3.814	12.864	12.221	0.95	4.029	12.462	11.839	0.95	4.267
27	18	14.204	11.789	0.83	3.886	13.802	11.456	0.83	4.100	13.333	11.066	0.83	4.387
27	20	15.276	10.846	0.71	4.005	14.941	10.608	0.71	4.196	14.539	10.323	0.71	4.482
27	22	16.281	9.606	0.59	4.100	15.946	9.408	0.59	4.339	15.544	9.171	0.59	4.625
28	16	13.266	13.133	0.99	3.814	12.864	12.735	0.99	4.029	12.462	12.337	0.99	4.267
28	18	14.204	12.357	0.87	3.886	13.802	12.008	0.87	4.100	13.333	11.600	0.87	4.387
28	20	15.276	11.457	0.75	4.005	14.941	11.206	0.75	4.196	14.539	10.904	0.75	4.482
28	22	16.281	10.257	0.63	4.100	15.946	10.046	0.63	4.339	15.544	9.793	0.63	4.625
30	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
30	18	14.204	13.494	0.95	3.886	13.802	13.112	0.95	4.100	13.333	12.666	0.95	4.387
30	20	15.276	12.679	0.83	4.005	14.941	12.401	0.83	4.196	14.539	12.067	0.83	4.482
30	22	16.281	11.560	0.71	4.100	15.946	11.322	0.71	4.339	15.544	11.036	0.71	4.625
32	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
32	18	14.204	14.204	1.00	3.886	13.802	13.802	1.00	4.100	13.333	13.333	1.00	4.387
32	20	15.276	13.901	0.91	4.005	14.941	13.596	0.91	4.196	14.539	13.230	0.91	4.482
32	22	16.281	12.862	0.79	4.100	15.946	12.597	0.79	4.339	15.544	12.280	0.79	4.625
34	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
34	18	14.204	14.204	1.00	3.886	13.802	13.802	1.00	4.100	13.333	13.333	1.00	4.387
34	20	15.276	15.123	0.99	4.005	14.941	14.792	0.99	4.196	14.539	14.394	0.99	4.482
34	22	16.281	14.164	0.87	4.100	15.946	13.873	0.87	4.339	15.544	13.523	0.87	4.625

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	4.577	11.390	7.631	0.67	4.911	10.854	7.272	0.67	5.316
20	18	12.864	7.075	0.55	4.696	12.462	6.854	0.55	5.054	11.658	6.412	0.55	5.436
20	20	13.936	5.992	0.43	4.816	13.400	5.762	0.43	5.149	12.596	5.416	0.43	5.531
22	16	11.926	8.945	0.75	4.577	11.390	8.543	0.75	4.911	10.854	8.141	0.75	5.316
22	18	12.864	8.104	0.63	4.696	12.462	7.851	0.63	5.054	11.658	7.345	0.63	5.436
22	20	13.936	7.107	0.51	4.816	13.400	6.834	0.51	5.149	12.596	6.424	0.51	5.531
24	16	11.926	9.899	0.83	4.577	11.390	9.454	0.83	4.911	10.854	9.009	0.83	5.316
24	18	12.864	9.133	0.71	4.696	12.462	8.848	0.71	5.054	11.658	8.277	0.71	5.436
24	20	13.936	8.222	0.59	4.816	13.400	7.906	0.59	5.149	12.596	7.432	0.59	5.531
24	22	15.008	7.054	0.47	4.911	14.472	6.802	0.47	5.292	13.668	6.424	0.47	5.626
26	16	11.926	10.853	0.91	4.577	11.390	10.365	0.91	4.911	10.854	9.877	0.91	5.316
26	18	12.864	10.163	0.79	4.696	12.462	9.845	0.79	5.054	11.658	9.210	0.79	5.436
26	20	13.936	9.337	0.67	4.816	13.400	8.978	0.67	5.149	12.596	8.439	0.67	5.531
26	22	15.008	8.254	0.55	4.911	14.472	7.960	0.55	5.292	13.668	7.517	0.55	5.626
27	16	11.926	11.330	0.95	4.577	11.390	10.821	0.95	4.911	10.854	10.311	0.95	5.316
27	18	12.864	10.677	0.83	4.696	12.462	10.343	0.83	5.054	11.658	9.676	0.83	5.436
27	20	13.936	9.895	0.71	4.816	13.400	9.514	0.71	5.149	12.596	8.943	0.71	5.531
27	22	15.008	8.855	0.59	4.911	14.472	8.538	0.59	5.292	13.668	8.064	0.59	5.626
28	16	11.926	11.807	0.99	4.577	11.390	11.276	0.99	4.911	10.854	10.745	0.99	5.316
28	18	12.864	11.192	0.87	4.696	12.462	10.842	0.87	5.054	11.658	10.142	0.87	5.436
28	20	13.936	10.452	0.75	4.816	13.400	10.050	0.75	5.149	12.596	9.447	0.75	5.531
28	22	15.008	9.455	0.63	4.911	14.472	9.117	0.63	5.292	13.668	8.611	0.63	5.626
30	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
30	18	12.864	12.221	0.95	4.696	12.462	11.839	0.95	5.054	11.658	11.075	0.95	5.436
30	20	13.936	11.567	0.83	4.816	13.400	11.122	0.83	5.149	12.596	10.455	0.83	5.531
30	22	15.008	10.656	0.71	4.911	14.472	10.275	0.71	5.292	13.668	9.704	0.71	5.626
32	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
32	18	12.864	12.864	1.00	4.696	12.462	12.462	1.00	5.054	11.658	11.658	1.00	5.436
32	20	13.936	12.682	0.91	4.816	13.400	12.194	0.91	5.149	12.596	11.462	0.91	5.531
32	22	15.008	11.856	0.79	4.911	14.472	11.433	0.79	5.292	13.668	10.798	0.79	5.626
34	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
34	18	12.864	12.864	1.00	4.696	12.462	12.462	1.00	5.054	11.658	11.658	1.00	5.436
34	20	13.936	13.797	0.99	4.816	13.400	13.266	0.99	5.149	12.596	12.470	0.99	5.531
34	22	15.008	13.057	0.87	4.911	14.472	12.591	0.87	5.292	13.668	11.891	0.87	5.626

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M200LA2 / PUZ-M200YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	18.810	13.167	0.70	4.871	18.240	12.768	0.70	5.145	17.670	12.369	0.70	5.450
20	18	20.140	11.681	0.58	4.963	19.570	11.351	0.58	5.237	18.905	10.965	0.58	5.602
20	20	21.660	9.964	0.46	5.115	21.185	9.745	0.46	5.358	20.615	9.483	0.46	5.724
22	16	18.810	14.672	0.78	4.871	18.240	14.227	0.78	5.145	17.670	13.783	0.78	5.450
22	18	20.140	13.292	0.66	4.963	19.570	12.916	0.66	5.237	18.905	12.477	0.66	5.602
22	20	21.660	11.696	0.54	5.115	21.185	11.440	0.54	5.358	20.615	11.132	0.54	5.724
24	16	18.810	16.177	0.86	4.871	18.240	15.686	0.86	5.145	17.670	15.196	0.86	5.450
24	18	20.140	14.904	0.74	4.963	19.570	14.482	0.74	5.237	18.905	13.990	0.74	5.602
24	20	21.660	13.429	0.62	5.115	21.185	13.135	0.62	5.358	20.615	12.781	0.62	5.724
24	22	23.085	11.543	0.50	5.237	22.610	11.305	0.50	5.541	22.040	11.020	0.50	5.906
26	16	18.810	17.681	0.94	4.871	18.240	17.146	0.94	5.145	17.670	16.610	0.94	5.450
26	18	20.140	16.515	0.82	4.963	19.570	16.047	0.82	5.237	18.905	15.502	0.82	5.602
26	20	21.660	15.162	0.70	5.115	21.185	14.830	0.70	5.358	20.615	14.431	0.70	5.724
26	22	23.085	13.389	0.58	5.237	22.610	13.114	0.58	5.541	22.040	12.783	0.58	5.906
27	16	18.810	18.434	0.98	4.871	18.240	17.875	0.98	5.145	17.670	17.317	0.98	5.450
27	18	20.140	17.320	0.86	4.963	19.570	16.830	0.86	5.237	18.905	16.258	0.86	5.602
27	20	21.660	16.028	0.74	5.115	21.185	15.677	0.74	5.358	20.615	15.255	0.74	5.724
27	22	23.085	14.313	0.62	5.237	22.610	14.018	0.62	5.541	22.040	13.665	0.62	5.906
28	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
28	18	20.140	18.126	0.90	4.963	19.570	17.613	0.90	5.237	18.905	17.015	0.90	5.602
28	20	21.660	16.895	0.78	5.115	21.185	16.524	0.78	5.358	20.615	16.080	0.78	5.724
28	22	23.085	15.236	0.66	5.237	22.610	14.923	0.66	5.541	22.040	14.546	0.66	5.906
30	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
30	18	20.140	19.737	0.98	4.963	19.570	19.179	0.98	5.237	18.905	18.527	0.98	5.602
30	20	21.660	18.628	0.86	5.115	21.185	18.219	0.86	5.358	20.615	17.729	0.86	5.724
30	22	23.085	17.083	0.74	5.237	22.610	16.731	0.74	5.541	22.040	16.310	0.74	5.906
32	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
32	18	20.140	20.140	1.00	4.963	19.570	19.570	1.00	5.237	18.905	18.905	1.00	5.602
32	20	21.660	20.360	0.94	5.115	21.185	19.914	0.94	5.358	20.615	19.378	0.94	5.724
32	22	23.085	18.930	0.82	5.237	22.610	18.540	0.82	5.541	22.040	18.073	0.82	5.906
34	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
34	18	20.140	20.140	1.00	4.963	19.570	19.570	1.00	5.237	18.905	18.905	1.00	5.602
34	20	21.660	21.660	1.00	5.115	21.185	21.185	1.00	5.358	20.615	20.615	1.00	5.724
34	22	23.085	20.777	0.90	5.237	22.610	20.349	0.90	5.541	22.040	19.836	0.90	5.906

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	16.910	11.837	0.70	5.845	16.150	11.305	0.70	6.272	15.390	10.773	0.70	6.789
20	18	18.240	10.579	0.58	5.998	17.670	10.249	0.58	6.454	16.530	9.587	0.58	6.941
20	20	19.760	9.090	0.46	6.150	19.000	8.740	0.46	6.576	17.860	8.216	0.46	7.063
22	16	16.910	13.190	0.78	5.845	16.150	12.597	0.78	6.272	15.390	12.004	0.78	6.789
22	18	18.240	12.038	0.66	5.998	17.670	11.662	0.66	6.454	16.530	10.910	0.66	6.941
22	20	19.760	10.670	0.54	6.150	19.000	10.260	0.54	6.576	17.860	9.644	0.54	7.063
24	16	16.910	14.543	0.86	5.845	16.150	13.889	0.86	6.272	15.390	13.235	0.86	6.789
24	18	18.240	13.498	0.74	5.998	17.670	13.076	0.74	6.454	16.530	12.232	0.74	6.941
24	20	19.760	12.251	0.62	6.150	19.000	11.780	0.62	6.576	17.860	11.073	0.62	7.063
24	22	21.280	10.640	0.50	6.272	20.520	10.260	0.50	6.759	19.380	9.690	0.50	7.185
26	16	16.910	15.895	0.94	5.845	16.150	15.181	0.94	6.272	15.390	14.467	0.94	6.789
26	18	18.240	14.957	0.82	5.998	17.670	14.489	0.82	6.454	16.530	13.555	0.82	6.941
26	20	19.760	13.832	0.70	6.150	19.000	13.300	0.70	6.576	17.860	12.502	0.70	7.063
26	22	21.280	12.342	0.58	6.272	20.520	11.902	0.58	6.759	19.380	11.240	0.58	7.185
27	16	16.910	16.572	0.98	5.845	16.150	15.827	0.98	6.272	15.390	15.082	0.98	6.789
27	18	18.240	15.686	0.86	5.998	17.670	15.196	0.86	6.454	16.530	14.216	0.86	6.941
27	20	19.760	14.622	0.74	6.150	19.000	14.060	0.74	6.576	17.860	13.216	0.74	7.063
27	22	21.280	13.194	0.62	6.272	20.520	12.722	0.62	6.759	19.380	12.016	0.62	7.185
28	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
28	18	18.240	16.416	0.90	5.998	17.670	15.903	0.90	6.454	16.530	14.877	0.90	6.941
28	20	19.760	15.413	0.78	6.150	19.000	14.820	0.78	6.576	17.860	13.931	0.78	7.063
28	22	21.280	14.045	0.66	6.272	20.520	13.543	0.66	6.759	19.380	12.791	0.66	7.185
30	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
30	18	18.240	17.875	0.98	5.998	17.670	17.317	0.98	6.454	16.530	16.199	0.98	6.941
30	20	19.760	16.994	0.86	6.150	19.000	16.340	0.86	6.576	17.860	15.360	0.86	7.063
30	22	21.280	15.747	0.74	6.272	20.520	15.185	0.74	6.759	19.380	14.341	0.74	7.185
32	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
32	18	18.240	18.240	1.00	5.998	17.670	17.670	1.00	6.454	16.530	16.530	1.00	6.941
32	20	19.760	18.574	0.94	6.150	19.000	17.860	0.94	6.576	17.860	16.788	0.94	7.063
32	22	21.280	17.450	0.82	6.272	20.520	16.826	0.82	6.759	19.380	15.892	0.82	7.185
34	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
34	18	18.240	18.240	1.00	5.998	17.670	17.670	1.00	6.454	16.530	16.530	1.00	6.941
34	20	19.760	19.760	1.00	6.150	19.000	19.000	1.00	6.576	17.860	17.860	1.00	7.063
34	22	21.280	19.152	0.90	6.272	20.520	18.468	0.90	6.759	19.380	17.442	0.90	7.185

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M250LA2 / PUZ-M250YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	21.780	15.028	0.69	5.866	21.120	14.573	0.69	6.196	20.460	14.117	0.69	6.563
20	18	23.320	13.292	0.57	5.976	22.660	12.916	0.57	6.306	21.890	12.477	0.57	6.746
20	20	25.080	11.286	0.45	6.160	24.530	11.039	0.45	6.453	23.870	10.742	0.45	6.893
22	16	21.780	16.771	0.77	5.866	21.120	16.262	0.77	6.196	20.460	15.754	0.77	6.563
22	18	23.320	15.158	0.65	5.976	22.660	14.729	0.65	6.306	21.890	14.229	0.65	6.746
22	20	25.080	13.292	0.53	6.160	24.530	13.001	0.53	6.453	23.870	12.651	0.53	6.893
24	16	21.780	18.513	0.85	5.866	21.120	17.952	0.85	6.196	20.460	17.391	0.85	6.563
24	18	23.320	17.024	0.73	5.976	22.660	16.542	0.73	6.306	21.890	15.980	0.73	6.746
24	20	25.080	15.299	0.61	6.160	24.530	14.963	0.61	6.453	23.870	14.561	0.61	6.893
24	22	26.730	13.098	0.49	6.306	26.180	12.828	0.49	6.673	25.520	12.505	0.49	7.113
26	16	21.780	20.255	0.93	5.866	21.120	19.642	0.93	6.196	20.460	19.028	0.93	6.563
26	18	23.320	18.889	0.81	5.976	22.660	18.355	0.81	6.306	21.890	17.731	0.81	6.746
26	20	25.080	17.305	0.69	6.160	24.530	16.926	0.69	6.453	23.870	16.470	0.69	6.893
26	22	26.730	15.236	0.57	6.306	26.180	14.923	0.57	6.673	25.520	14.546	0.57	7.113
27	16	21.780	21.127	0.97	5.866	21.120	20.486	0.97	6.196	20.460	19.846	0.97	6.563
27	18	23.320	19.822	0.85	5.976	22.660	19.261	0.85	6.306	21.890	18.607	0.85	6.746
27	20	25.080	18.308	0.73	6.160	24.530	17.907	0.73	6.453	23.870	17.425	0.73	6.893
27	22	26.730	16.305	0.61	6.306	26.180	15.970	0.61	6.673	25.520	15.567	0.61	7.113
28	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
28	18	23.320	20.755	0.89	5.976	22.660	20.167	0.89	6.306	21.890	19.482	0.89	6.746
28	20	25.080	19.312	0.77	6.160	24.530	18.888	0.77	6.453	23.870	18.380	0.77	6.893
28	22	26.730	17.375	0.65	6.306	26.180	17.017	0.65	6.673	25.520	16.588	0.65	7.113
30	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
30	18	23.320	22.620	0.97	5.976	22.660	21.980	0.97	6.306	21.890	21.233	0.97	6.746
30	20	25.080	21.318	0.85	6.160	24.530	20.851	0.85	6.453	23.870	20.290	0.85	6.893
30	22	26.730	19.513	0.73	6.306	26.180	19.111	0.73	6.673	25.520	18.630	0.73	7.113
32	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
32	18	23.320	23.320	1.00	5.976	22.660	22.660	1.00	6.306	21.890	21.890	1.00	6.746
32	20	25.080	23.324	0.93	6.160	24.530	22.813	0.93	6.453	23.870	22.199	0.93	6.893
32	22	26.730	21.651	0.81	6.306	26.180	21.206	0.81	6.673	25.520	20.671	0.81	7.113
34	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
34	18	23.320	23.320	1.00	5.976	22.660	22.660	1.00	6.306	21.890	21.890	1.00	6.746
34	20	25.080	25.080	1.00	6.160	24.530	24.530	1.00	6.453	23.870	23.870	1.00	6.893
34	22	26.730	23.790	0.89	6.306	26.180	23.300	0.89	6.673	25.520	22.713	0.89	7.113

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	19.580	13.510	0.69	7.040	18.700	12.903	0.69	7.553	17.820	12.296	0.69	8.176
20	18	21.120	12.038	0.57	7.223	20.460	11.662	0.57	7.773	19.140	10.910	0.57	8.360
20	20	22.880	10.296	0.45	7.406	22.000	9.900	0.45	7.920	20.680	9.306	0.45	8.506
22	16	19.580	15.077	0.77	7.040	18.700	14.399	0.77	7.553	17.820	13.721	0.77	8.176
22	18	21.120	13.728	0.65	7.223	20.460	13.299	0.65	7.773	19.140	12.441	0.65	8.360
22	20	22.880	12.126	0.53	7.406	22.000	11.660	0.53	7.920	20.680	10.960	0.53	8.506
24	16	19.580	16.643	0.85	7.040	18.700	15.895	0.85	7.553	17.820	15.147	0.85	8.176
24	18	21.120	15.418	0.73	7.223	20.460	14.936	0.73	7.773	19.140	13.972	0.73	8.360
24	20	22.880	13.957	0.61	7.406	22.000	13.420	0.61	7.920	20.680	12.615	0.61	8.506
24	22	24.640	12.074	0.49	7.553	23.760	11.642	0.49	8.140	22.440	10.996	0.49	8.653
26	16	19.580	18.209	0.93	7.040	18.700	17.391	0.93	7.553	17.820	16.573	0.93	8.176
26	18	21.120	17.107	0.81	7.223	20.460	16.573	0.81	7.773	19.140	15.503	0.81	8.360
26	20	22.880	15.787	0.69	7.406	22.000	15.180	0.69	7.920	20.680	14.269	0.69	8.506
26	22	24.640	14.045	0.57	7.553	23.760	13.543	0.57	8.140	22.440	12.791	0.57	8.653
27	16	19.580	18.993	0.97	7.040	18.700	18.139	0.97	7.553	17.820	17.285	0.97	8.176
27	18	21.120	17.952	0.85	7.223	20.460	17.391	0.85	7.773	19.140	16.269	0.85	8.360
27	20	22.880	16.702	0.73	7.406	22.000	16.060	0.73	7.920	20.680	15.096	0.73	8.506
27	22	24.640	15.030	0.61	7.553	23.760	14.494	0.61	8.140	22.440	13.688	0.61	8.653
28	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
28	18	21.120	18.797	0.89	7.223	20.460	18.209	0.89	7.773	19.140	17.035	0.89	8.360
28	20	22.880	17.618	0.77	7.406	22.000	16.940	0.77	7.920	20.680	15.924	0.77	8.506
28	22	24.640	16.016	0.65	7.553	23.760	15.444	0.65	8.140	22.440	14.586	0.65	8.653
30	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
30	18	21.120	20.486	0.97	7.223	20.460	19.846	0.97	7.773	19.140	18.566	0.97	8.360
30	20	22.880	19.448	0.85	7.406	22.000	18.700	0.85	7.920	20.680	17.578	0.85	8.506
30	22	24.640	17.987	0.73	7.553	23.760	17.345	0.73	8.140	22.440	16.381	0.73	8.653
32	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
32	18	21.120	21.120	1.00	7.223	20.460	20.460	1.00	7.773	19.140	19.140	1.00	8.360
32	20	22.880	21.278	0.93	7.406	22.000	20.460	0.93	7.920	20.680	19.232	0.93	8.506
32	22	24.640	19.958	0.81	7.553	23.760	19.246	0.81	8.140	22.440	18.176	0.81	8.653
34	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
34	18	21.120	21.120	1.00	7.223	20.460	20.460	1.00	7.773	19.140	19.140	1.00	8.360
34	20	22.880	22.880	1.00	7.406	22.000	22.000	1.00	7.920	20.680	20.680	1.00	8.506
34	22	24.640	21.930	0.89	7.553	23.760	21.146	0.89	8.140	22.440	19.972	0.89	8.653

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM35JA(L) / SUZ-SM35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.834	0.67	0.891	4.050	2.714	0.67	0.936	3.888	2.605	0.67	0.980	3.744	2.508	0.67	1.025
21	20	4.410	2.426	0.55	0.936	4.230	2.327	0.55	0.991	4.104	2.257	0.55	1.014	3.960	2.178	0.55	1.058
22	18	4.230	3.003	0.71	0.891	4.050	2.876	0.71	0.936	3.888	2.760	0.71	0.980	3.744	2.658	0.71	1.025
22	20	4.410	2.602	0.59	0.936	4.230	2.496	0.59	0.991	4.104	2.421	0.59	1.014	3.960	2.336	0.59	1.058
22	22	4.590	2.157	0.47	0.969	4.428	2.081	0.47	1.030	4.320	2.030	0.47	1.058	4.140	1.946	0.47	1.103
23	18	4.230	3.173	0.75	0.891	4.050	3.038	0.75	0.936	3.888	2.916	0.75	0.980	3.744	2.808	0.75	1.025
23	20	4.410	2.778	0.63	0.936	4.230	2.665	0.63	0.991	4.104	2.586	0.63	1.014	3.960	2.495	0.63	1.058
23	22	4.590	2.341	0.51	0.969	4.428	2.258	0.51	1.030	4.320	2.203	0.51	1.058	4.140	2.111	0.51	1.103
24	18	4.230	3.342	0.79	0.891	4.050	3.200	0.79	0.936	3.888	3.072	0.79	0.980	3.744	2.958	0.79	1.025
24	20	4.410	2.955	0.67	0.936	4.230	2.834	0.67	0.991	4.104	2.750	0.67	1.014	3.960	2.653	0.67	1.058
24	22	4.590	2.525	0.55	0.969	4.428	2.435	0.55	1.030	4.320	2.376	0.55	1.058	4.140	2.277	0.55	1.103
24	24	4.824	2.074	0.43	1.014	4.644	1.997	0.43	1.069	4.536	1.950	0.43	1.103	4.392	1.889	0.43	1.159
25	20	4.410	3.131	0.71	0.936	4.230	3.003	0.71	0.991	4.104	2.914	0.71	1.014	3.960	2.812	0.71	1.058
25	22	4.590	2.708	0.59	0.969	4.428	2.613	0.59	1.030	4.320	2.549	0.59	1.058	4.140	2.443	0.59	1.103
25	24	4.824	2.267	0.47	1.014	4.644	2.183	0.47	1.069	4.536	2.132	0.47	1.103	4.392	2.064	0.47	1.159
26	18	4.230	3.680	0.87	0.891	4.050	3.524	0.87	0.936	3.888	3.383	0.87	0.980	3.744	3.257	0.87	1.025
26	20	4.410	3.308	0.75	0.936	4.230	3.173	0.75	0.991	4.104	3.078	0.75	1.014	3.960	2.970	0.75	1.058
26	22	4.590	2.892	0.63	0.969	4.428	2.790	0.63	1.030	4.320	2.722	0.63	1.058	4.140	2.608	0.63	1.103
26	24	4.824	2.460	0.51	1.014	4.644	2.368	0.51	1.069	4.536	2.313	0.51	1.103	4.392	2.240	0.51	1.159
26	26	4.968	1.938	0.39	1.069	4.824	1.881	0.39	1.125	4.752	1.853	0.39	1.159	4.608	1.797	0.39	1.192
27	18	4.230	3.849	0.91	0.891	4.050	3.686	0.91	0.936	3.888	3.538	0.91	0.980	3.744	3.407	0.91	1.025
27	20	4.410	3.484	0.79	0.936	4.230	3.342	0.79	0.991	4.104	3.242	0.79	1.014	3.960	3.128	0.79	1.058
27	22	4.590	3.075	0.67	0.969	4.428	2.967	0.67	1.030	4.320	2.894	0.67	1.058	4.140	2.774	0.67	1.103
27	24	4.824	2.653	0.55	1.014	4.644	2.554	0.55	1.069	4.536	2.495	0.55	1.103	4.392	2.416	0.55	1.159
27	26	4.968	2.136	0.43	1.069	4.824	2.074	0.43	1.125	4.752	2.043	0.43	1.159	4.608	1.981	0.43	1.192
28	18	4.230	4.019	0.95	0.891	4.050	3.848	0.95	0.936	3.888	3.694	0.95	0.980	3.744	3.557	0.95	1.025
28	20	4.410	3.660	0.83	0.936	4.230	3.511	0.83	0.991	4.104	3.406	0.83	1.014	3.960	3.287	0.83	1.058
28	22	4.590	3.259	0.71	0.969	4.428	3.144	0.71	1.030	4.320	3.067	0.71	1.058	4.140	2.939	0.71	1.103
28	24	4.824	2.846	0.59	1.014	4.644	2.740	0.59	1.069	4.536	2.676	0.59	1.103	4.392	2.591	0.59	1.159
28	26	4.968	2.335	0.47	1.069	4.824	2.267	0.47	1.125	4.752	2.233	0.47	1.159	4.608	2.166	0.47	1.192
29	18	4.230	4.188	0.99	0.891	4.050	4.010	0.99	0.936	3.888	3.849	0.99	0.980	3.744	3.707	0.99	1.025
29	20	4.410	3.837	0.87	0.936	4.230	3.680	0.87	0.991	4.104	3.570	0.87	1.014	3.960	3.445	0.87	1.058
29	22	4.590	3.443	0.75	0.969	4.428	3.321	0.75	1.030	4.320	3.240	0.75	1.058	4.140	3.105	0.75	1.103
29	24	4.824	3.039	0.63	1.014	4.644	2.926	0.63	1.069	4.536	2.858	0.63	1.103	4.392	2.767	0.63	1.159
29	26	4.968	2.534	0.51	1.069	4.824	2.460	0.51	1.125	4.752	2.424	0.51	1.159	4.608	2.350	0.51	1.192
30	18	4.230	4.230	1.00	0.891	4.050	4.050	1.00	0.936	3.888	3.888	1.00	0.980	3.744	3.744	1.00	1.025
30	20	4.410	4.013	0.91	0.936	4.230	3.849	0.91	0.991	4.104	3.735	0.91	1.014	3.960	3.604	0.91	1.058
30	22	4.590	3.626	0.79	0.969	4.428	3.498	0.79	1.030	4.320	3.413	0.79	1.058	4.140	3.271	0.79	1.103
30	24	4.824	3.232	0.67	1.014	4.644	3.111	0.67	1.069	4.536	3.039	0.67	1.103	4.392	2.943	0.67	1.159
30	26	4.968	2.732	0.55	1.069	4.824	2.653	0.55	1.125	4.752	2.614	0.55	1.159	4.608	2.534	0.55	1.192
31	18	4.230	4.230	1.00	0.891	4.050	4.050	1.00	0.936	3.888	3.888	1.00	0.980	3.744	3.744	1.00	1.025
31	20	4.410	4.190	0.95	0.936	4.230	4.019	0.95	0.991	4.104	3.899	0.95	1.014	3.960	3.762	0.95	1.058
31	22	4.590	3.810	0.83	0.969	4.428	3.675	0.83	1.030	4.320	3.586	0.83	1.058	4.140	3.436	0.83	1.103
31	24	4.824	3.425	0.71	1.014	4.644	3.297	0.71	1.069	4.536	3.221	0.71	1.103	4.392	3.118	0.71	1.159
31	26	4.968	2.931	0.59	1.069	4.824	2.846	0.59	1.125	4.752	2.804	0.59	1.159	4.608	2.719	0.59	1.192
32	18	4.230	4.230	1.00	0.891	4.050	4.050	1.00	0.936	3.888	3.888	1.00	0.980	3.744	3.744	1.00	1.025
32	20	4.410	4.366	0.99	0.936	4.230	4.188	0.99	0.991	4.104	4.063	0.99	1.014	3.960	3.920	0.99	1.058
32	22	4.590	3.993	0.87	0.969	4.428	3.852	0.87	1.030	4.320	3.758	0.87	1.058	4.140	3.602	0.87	1.103
32	24	4.824	3.618	0.75	1.014	4.644	3.483	0.75	1.069	4.536	3.402	0.75	1.103	4.392	3.294	0.75	1.159
32	26	4.968	3.130	0.63	1.069	4.824	3.039	0.63	1.125	4.752	2.994	0.63	1.159	4.608	2.903	0.63	1.192

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM35JA(L) / SUZ-SM35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	1.092	3.240	2.171	0.67	1.159	2.988	2.002	0.67	1.203
21	20	3.708	2.039	0.55	1.136	3.456	1.901	0.55	1.192	3.204	1.762	0.55	1.259
22	18	3.528	2.505	0.71	1.092	3.240	2.300	0.71	1.159	2.988	2.121	0.71	1.203
22	20	3.708	2.188	0.59	1.136	3.456	2.039	0.59	1.192	3.204	1.890	0.59	1.259
22	22	3.924	1.844	0.47	1.181	3.672	1.726	0.47	1.248	3.420	1.607	0.47	1.292
23	18	3.528	2.646	0.75	1.092	3.240	2.430	0.75	1.159	2.988	2.241	0.75	1.203
23	20	3.708	2.336	0.63	1.136	3.456	2.177	0.63	1.192	3.204	2.019	0.63	1.259
23	22	3.924	2.001	0.51	1.181	3.672	1.873	0.51	1.248	3.420	1.744	0.51	1.292
24	18	3.528	2.787	0.79	1.092	3.240	2.560	0.79	1.159	2.988	2.361	0.79	1.203
24	20	3.708	2.484	0.67	1.136	3.456	2.316	0.67	1.192	3.204	2.147	0.67	1.259
24	22	3.924	2.158	0.55	1.181	3.672	2.020	0.55	1.248	3.420	1.881	0.55	1.292
24	24	4.140	1.780	0.43	1.225	3.888	1.672	0.43	1.281	3.672	1.579	0.43	1.337
25	20	3.708	2.633	0.71	1.136	3.456	2.454	0.71	1.192	3.204	2.275	0.71	1.259
25	22	3.924	2.315	0.59	1.181	3.672	2.166	0.59	1.248	3.420	2.018	0.59	1.292
25	24	4.140	1.946	0.47	1.225	3.888	1.827	0.47	1.281	3.672	1.726	0.47	1.337
26	18	3.528	3.069	0.87	1.092	3.240	2.819	0.87	1.159	2.988	2.600	0.87	1.203
26	20	3.708	2.781	0.75	1.136	3.456	2.592	0.75	1.192	3.204	2.403	0.75	1.259
26	22	3.924	2.472	0.63	1.181	3.672	2.313	0.63	1.248	3.420	2.155	0.63	1.292
26	24	4.140	2.111	0.51	1.225	3.888	1.983	0.51	1.281	3.672	1.873	0.51	1.337
26	26	4.356	1.699	0.39	1.270	4.104	1.601	0.39	1.326	3.852	1.502	0.39	1.381
27	18	3.528	3.210	0.91	1.092	3.240	2.948	0.91	1.159	2.988	2.719	0.91	1.203
27	20	3.708	2.929	0.79	1.136	3.456	2.730	0.79	1.192	3.204	2.531	0.79	1.259
27	22	3.924	2.629	0.67	1.181	3.672	2.460	0.67	1.248	3.420	2.291	0.67	1.292
27	24	4.140	2.277	0.55	1.225	3.888	2.138	0.55	1.281	3.672	2.020	0.55	1.337
27	26	4.356	1.873	0.43	1.270	4.104	1.765	0.43	1.326	3.852	1.656	0.43	1.381
28	18	3.528	3.352	0.95	1.092	3.240	3.078	0.95	1.159	2.988	2.839	0.95	1.203
28	20	3.708	3.078	0.83	1.136	3.456	2.868	0.83	1.192	3.204	2.659	0.83	1.259
28	22	3.924	2.786	0.71	1.181	3.672	2.607	0.71	1.248	3.420	2.428	0.71	1.292
28	24	4.140	2.443	0.59	1.225	3.888	2.294	0.59	1.281	3.672	2.166	0.59	1.337
28	26	4.356	2.047	0.47	1.270	4.104	1.929	0.47	1.326	3.852	1.810	0.47	1.381
29	18	3.528	3.493	0.99	1.092	3.240	3.208	0.99	1.159	2.988	2.958	0.99	1.203
29	20	3.708	3.226	0.87	1.136	3.456	3.007	0.87	1.192	3.204	2.787	0.87	1.259
29	22	3.924	2.943	0.75	1.181	3.672	2.754	0.75	1.248	3.420	2.565	0.75	1.292
29	24	4.140	2.608	0.63	1.225	3.888	2.449	0.63	1.281	3.672	2.313	0.63	1.337
29	26	4.356	2.222	0.51	1.270	4.104	2.093	0.51	1.326	3.852	1.965	0.51	1.381
30	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
30	20	3.708	3.374	0.91	1.136	3.456	3.145	0.91	1.192	3.204	2.916	0.91	1.259
30	22	3.924	3.100	0.79	1.181	3.672	2.901	0.79	1.248	3.420	2.702	0.79	1.292
30	24	4.140	2.774	0.67	1.225	3.888	2.605	0.67	1.281	3.672	2.460	0.67	1.337
30	26	4.356	2.396	0.55	1.270	4.104	2.257	0.55	1.326	3.852	2.119	0.55	1.381
31	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
31	20	3.708	3.523	0.95	1.136	3.456	3.283	0.95	1.192	3.204	3.044	0.95	1.259
31	22	3.924	3.257	0.83	1.181	3.672	3.048	0.83	1.248	3.420	2.839	0.83	1.292
31	24	4.140	2.939	0.71	1.225	3.888	2.760	0.71	1.281	3.672	2.607	0.71	1.337
31	26	4.356	2.570	0.59	1.270	4.104	2.421	0.59	1.326	3.852	2.273	0.59	1.381
32	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
32	20	3.708	3.671	0.99	1.136	3.456	3.421	0.99	1.192	3.204	3.172	0.99	1.259
32	22	3.924	3.414	0.87	1.181	3.672	3.195	0.87	1.248	3.420	2.975	0.87	1.292
32	24	4.140	3.105	0.75	1.225	3.888	2.916	0.75	1.281	3.672	2.754	0.75	1.337
32	26	4.356	2.744	0.63	1.270	4.104	2.586	0.63	1.326	3.852	2.427	0.63	1.381

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM50JA(L) / SUZ-SM50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.878	0.66	1.238	5.625	3.713	0.66	1.299	5.400	3.564	0.66	1.361	5.200	3.432	0.66	1.423
21	20	6.125	3.308	0.54	1.299	5.875	3.173	0.54	1.377	5.700	3.078	0.54	1.408	5.500	2.970	0.54	1.470
22	18	5.875	4.113	0.70	1.238	5.625	3.938	0.70	1.299	5.400	3.780	0.70	1.361	5.200	3.640	0.70	1.423
22	20	6.125	3.553	0.58	1.299	5.875	3.408	0.58	1.377	5.700	3.306	0.58	1.408	5.500	3.190	0.58	1.470
22	22	6.375	2.933	0.46	1.346	6.150	2.829	0.46	1.431	6.000	2.760	0.46	1.470	5.750	2.645	0.46	1.532
23	18	5.875	4.348	0.74	1.238	5.625	4.163	0.74	1.299	5.400	3.996	0.74	1.361	5.200	3.848	0.74	1.423
23	20	6.125	3.798	0.62	1.299	5.875	3.643	0.62	1.377	5.700	3.534	0.62	1.408	5.500	3.410	0.62	1.470
23	22	6.375	3.188	0.50	1.346	6.150	3.075	0.50	1.431	6.000	3.000	0.50	1.470	5.750	2.875	0.50	1.532
24	18	5.875	4.583	0.78	1.238	5.625	4.388	0.78	1.299	5.400	4.212	0.78	1.361	5.200	4.056	0.78	1.423
24	20	6.125	4.043	0.66	1.299	5.875	3.878	0.66	1.377	5.700	3.762	0.66	1.408	5.500	3.630	0.66	1.470
24	22	6.375	3.443	0.54	1.346	6.150	3.321	0.54	1.431	6.000	3.240	0.54	1.470	5.750	3.105	0.54	1.532
24	24	6.700	2.814	0.42	1.408	6.450	2.709	0.42	1.485	6.300	2.646	0.42	1.532	6.100	2.562	0.42	1.609
25	20	6.125	4.288	0.70	1.299	5.875	4.113	0.70	1.377	5.700	3.990	0.70	1.408	5.500	3.850	0.70	1.470
25	22	6.375	3.698	0.58	1.346	6.150	3.567	0.58	1.431	6.000	3.480	0.58	1.470	5.750	3.335	0.58	1.532
25	24	6.700	3.082	0.46	1.408	6.450	2.967	0.46	1.485	6.300	2.898	0.46	1.532	6.100	2.806	0.46	1.609
26	18	5.875	5.053	0.86	1.238	5.625	4.838	0.86	1.299	5.400	4.644	0.86	1.361	5.200	4.472	0.86	1.423
26	20	6.125	4.533	0.74	1.299	5.875	4.348	0.74	1.377	5.700	4.218	0.74	1.408	5.500	4.070	0.74	1.470
26	22	6.375	3.953	0.62	1.346	6.150	3.813	0.62	1.431	6.000	3.720	0.62	1.470	5.750	3.565	0.62	1.532
26	24	6.700	3.350	0.50	1.408	6.450	3.225	0.50	1.485	6.300	3.150	0.50	1.532	6.100	3.050	0.50	1.609
26	26	6.900	2.622	0.38	1.485	6.700	2.546	0.38	1.562	6.600	2.508	0.38	1.609	6.400	2.432	0.38	1.655
27	18	5.875	5.288	0.90	1.238	5.625	5.063	0.90	1.299	5.400	4.860	0.90	1.361	5.200	4.680	0.90	1.423
27	20	6.125	4.778	0.78	1.299	5.875	4.583	0.78	1.377	5.700	4.446	0.78	1.408	5.500	4.290	0.78	1.470
27	22	6.375	4.208	0.66	1.346	6.150	4.059	0.66	1.431	6.000	3.960	0.66	1.470	5.750	3.795	0.66	1.532
27	24	6.700	3.618	0.54	1.408	6.450	3.483	0.54	1.485	6.300	3.402	0.54	1.532	6.100	3.294	0.54	1.609
27	26	6.900	2.898	0.42	1.485	6.700	2.814	0.42	1.562	6.600	2.772	0.42	1.609	6.400	2.688	0.42	1.655
28	18	5.875	5.523	0.94	1.238	5.625	5.288	0.94	1.299	5.400	5.076	0.94	1.361	5.200	4.888	0.94	1.423
28	20	6.125	5.023	0.82	1.299	5.875	4.818	0.82	1.377	5.700	4.674	0.82	1.408	5.500	4.510	0.82	1.470
28	22	6.375	4.463	0.70	1.346	6.150	4.305	0.70	1.431	6.000	4.200	0.70	1.470	5.750	4.025	0.70	1.532
28	24	6.700	3.886	0.58	1.408	6.450	3.741	0.58	1.485	6.300	3.654	0.58	1.532	6.100	3.538	0.58	1.609
28	26	6.900	3.174	0.46	1.485	6.700	3.082	0.46	1.562	6.600	3.036	0.46	1.609	6.400	2.944	0.46	1.655
29	18	5.875	5.758	0.98	1.238	5.625	5.513	0.98	1.299	5.400	5.292	0.98	1.361	5.200	5.096	0.98	1.423
29	20	6.125	5.268	0.86	1.299	5.875	5.053	0.86	1.377	5.700	4.902	0.86	1.408	5.500	4.730	0.86	1.470
29	22	6.375	4.718	0.74	1.346	6.150	4.551	0.74	1.431	6.000	4.440	0.74	1.470	5.750	4.255	0.74	1.532
29	24	6.700	4.154	0.62	1.408	6.450	3.999	0.62	1.485	6.300	3.906	0.62	1.532	6.100	3.782	0.62	1.609
29	26	6.900	3.450	0.50	1.485	6.700	3.350	0.50	1.562	6.600	3.300	0.50	1.609	6.400	3.200	0.50	1.655
30	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
30	20	6.125	5.513	0.90	1.299	5.875	5.288	0.90	1.377	5.700	5.130	0.90	1.408	5.500	4.950	0.90	1.470
30	22	6.375	4.973	0.78	1.346	6.150	4.797	0.78	1.431	6.000	4.680	0.78	1.470	5.750	4.485	0.78	1.532
30	24	6.700	4.422	0.66	1.408	6.450	4.257	0.66	1.485	6.300	4.158	0.66	1.532	6.100	4.026	0.66	1.609
30	26	6.900	3.726	0.54	1.485	6.700	3.618	0.54	1.562	6.600	3.564	0.54	1.609	6.400	3.456	0.54	1.655
31	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
31	20	6.125	5.758	0.94	1.299	5.875	5.523	0.94	1.377	5.700	5.358	0.94	1.408	5.500	5.170	0.94	1.470
31	22	6.375	5.228	0.82	1.346	6.150	5.043	0.82	1.431	6.000	4.920	0.82	1.470	5.750	4.715	0.82	1.532
31	24	6.700	4.690	0.70	1.408	6.450	4.515	0.70	1.485	6.300	4.410	0.70	1.532	6.100	4.270	0.70	1.609
31	26	6.900	4.002	0.58	1.485	6.700	3.886	0.58	1.562	6.600	3.828	0.58	1.609	6.400	3.712	0.58	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	6.003	0.98	1.299	5.875	5.758	0.98	1.377	5.700	5.586	0.98	1.408	5.500	5.390	0.98	1.470
32	22	6.375	5.483	0.86	1.346	6.150	5.289	0.86	1.431	6.000	5.160	0.86	1.470	5.750	4.945	0.86	1.532
32	24	6.700	4.958	0.74	1.408	6.450	4.773	0.74	1.485	6.300	4.662	0.74	1.532	6.100	4.514	0.74	1.609
32	26	6.900	4.278	0.62	1.485	6.700	4.154	0.62	1.562	6.600	4.092	0.62	1.609	6.400	3.968	0.62	1.655

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM50JA(L) / SUZ-SM50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	3.234	0.66	1.516	4.500	2.970	0.66	1.609	4.150	2.739	0.66	1.671
21	20	5.150	2.781	0.54	1.578	4.800	2.592	0.54	1.655	4.450	2.403	0.54	1.748
22	18	4.900	3.430	0.70	1.516	4.500	3.150	0.70	1.609	4.150	2.905	0.70	1.671
22	20	5.150	2.987	0.58	1.578	4.800	2.784	0.58	1.655	4.450	2.581	0.58	1.748
22	22	5.450	2.507	0.46	1.640	5.100	2.346	0.46	1.733	4.750	2.185	0.46	1.795
23	18	4.900	3.626	0.74	1.516	4.500	3.330	0.74	1.609	4.150	3.071	0.74	1.671
23	20	5.150	3.193	0.62	1.578	4.800	2.976	0.62	1.655	4.450	2.759	0.62	1.748
23	22	5.450	2.725	0.50	1.640	5.100	2.550	0.50	1.733	4.750	2.375	0.50	1.795
24	18	4.900	3.822	0.78	1.516	4.500	3.510	0.78	1.609	4.150	3.237	0.78	1.671
24	20	5.150	3.399	0.66	1.578	4.800	3.168	0.66	1.655	4.450	2.937	0.66	1.748
24	22	5.450	2.943	0.54	1.640	5.100	2.754	0.54	1.733	4.750	2.565	0.54	1.795
24	24	5.750	2.415	0.42	1.702	5.400	2.268	0.42	1.779	5.100	2.142	0.42	1.856
25	20	5.150	3.605	0.70	1.578	4.800	3.360	0.70	1.655	4.450	3.115	0.70	1.748
25	22	5.450	3.161	0.58	1.640	5.100	2.958	0.58	1.733	4.750	2.755	0.58	1.795
25	24	5.750	2.645	0.46	1.702	5.400	2.484	0.46	1.779	5.100	2.346	0.46	1.856
26	18	4.900	4.214	0.86	1.516	4.500	3.870	0.86	1.609	4.150	3.569	0.86	1.671
26	20	5.150	3.811	0.74	1.578	4.800	3.552	0.74	1.655	4.450	3.293	0.74	1.748
26	22	5.450	3.379	0.62	1.640	5.100	3.162	0.62	1.733	4.750	2.945	0.62	1.795
26	24	5.750	2.875	0.50	1.702	5.400	2.700	0.50	1.779	5.100	2.550	0.50	1.856
26	26	6.050	2.299	0.38	1.764	5.700	2.166	0.38	1.841	5.350	2.033	0.38	1.918
27	18	4.900	4.410	0.90	1.516	4.500	4.050	0.90	1.609	4.150	3.735	0.90	1.671
27	20	5.150	4.017	0.78	1.578	4.800	3.744	0.78	1.655	4.450	3.471	0.78	1.748
27	22	5.450	3.597	0.66	1.640	5.100	3.366	0.66	1.733	4.750	3.135	0.66	1.795
27	24	5.750	3.105	0.54	1.702	5.400	2.916	0.54	1.779	5.100	2.754	0.54	1.856
27	26	6.050	2.541	0.42	1.764	5.700	2.394	0.42	1.841	5.350	2.247	0.42	1.918
28	18	4.900	4.606	0.94	1.516	4.500	4.230	0.94	1.609	4.150	3.901	0.94	1.671
28	20	5.150	4.223	0.82	1.578	4.800	3.936	0.82	1.655	4.450	3.649	0.82	1.748
28	22	5.450	3.815	0.70	1.640	5.100	3.570	0.70	1.733	4.750	3.325	0.70	1.795
28	24	5.750	3.335	0.58	1.702	5.400	3.132	0.58	1.779	5.100	2.958	0.58	1.856
28	26	6.050	2.783	0.46	1.764	5.700	2.622	0.46	1.841	5.350	2.461	0.46	1.918
29	18	4.900	4.802	0.98	1.516	4.500	4.410	0.98	1.609	4.150	4.067	0.98	1.671
29	20	5.150	4.429	0.86	1.578	4.800	4.128	0.86	1.655	4.450	3.827	0.86	1.748
29	22	5.450	4.033	0.74	1.640	5.100	3.774	0.74	1.733	4.750	3.515	0.74	1.795
29	24	5.750	3.565	0.62	1.702	5.400	3.348	0.62	1.779	5.100	3.162	0.62	1.856
29	26	6.050	3.025	0.50	1.764	5.700	2.850	0.50	1.841	5.350	2.675	0.50	1.918
30	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
30	20	5.150	4.635	0.90	1.578	4.800	4.320	0.90	1.655	4.450	4.005	0.90	1.748
30	22	5.450	4.251	0.78	1.640	5.100	3.978	0.78	1.733	4.750	3.705	0.78	1.795
30	24	5.750	3.795	0.66	1.702	5.400	3.564	0.66	1.779	5.100	3.366	0.66	1.856
30	26	6.050	3.267	0.54	1.764	5.700	3.078	0.54	1.841	5.350	2.889	0.54	1.918
31	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
31	20	5.150	4.841	0.94	1.578	4.800	4.512	0.94	1.655	4.450	4.183	0.94	1.748
31	22	5.450	4.469	0.82	1.640	5.100	4.182	0.82	1.733	4.750	3.895	0.82	1.795
31	24	5.750	4.025	0.70	1.702	5.400	3.780	0.70	1.779	5.100	3.570	0.70	1.856
31	26	6.050	3.509	0.58	1.764	5.700	3.306	0.58	1.841	5.350	3.103	0.58	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	5.047	0.98	1.578	4.800	4.704	0.98	1.655	4.450	4.361	0.98	1.748
32	22	5.450	4.687	0.86	1.640	5.100	4.386	0.86	1.733	4.750	4.085	0.86	1.795
32	24	5.750	4.255	0.74	1.702	5.400	3.996	0.74	1.779	5.100	3.774	0.74	1.856
32	26	6.050	3.751	0.62	1.764	5.700	3.534	0.62	1.841	5.350	3.317	0.62	1.918

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM60JA(L) / SUZ-SM60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.659	0.65	1.510	6.863	4.461	0.65	1.586	6.588	4.282	0.65	1.661	6.344	4.124	0.65	1.737
21	20	7.473	3.961	0.53	1.586	7.168	3.799	0.53	1.680	6.954	3.686	0.53	1.718	6.710	3.566	0.53	1.794
22	18	7.168	4.946	0.69	1.510	6.863	4.735	0.69	1.586	6.588	4.546	0.69	1.661	6.344	4.377	0.69	1.737
22	20	7.473	4.260	0.57	1.586	7.168	4.086	0.57	1.680	6.954	3.964	0.57	1.718	6.710	3.825	0.57	1.794
22	22	7.778	3.500	0.45	1.643	7.503	3.376	0.45	1.746	7.320	3.294	0.45	1.794	7.015	3.157	0.45	1.869
23	18	7.168	5.233	0.73	1.510	6.863	5.010	0.73	1.586	6.588	4.809	0.73	1.661	6.344	4.631	0.73	1.737
23	20	7.473	4.559	0.61	1.586	7.168	4.372	0.61	1.680	6.954	4.242	0.61	1.718	6.710	4.093	0.61	1.794
23	22	7.778	3.811	0.49	1.643	7.503	3.676	0.49	1.746	7.320	3.587	0.49	1.794	7.015	3.437	0.49	1.869
24	18	7.168	5.519	0.77	1.510	6.863	5.285	0.77	1.586	6.588	5.073	0.77	1.661	6.344	4.885	0.77	1.737
24	20	7.473	4.857	0.65	1.586	7.168	4.659	0.65	1.680	6.954	4.520	0.65	1.718	6.710	4.362	0.65	1.794
24	22	7.778	4.122	0.53	1.643	7.503	3.977	0.53	1.746	7.320	3.880	0.53	1.794	7.015	3.718	0.53	1.869
24	24	8.174	3.351	0.41	1.718	7.869	3.226	0.41	1.812	7.686	3.151	0.41	1.869	7.442	3.051	0.41	1.964
25	20	7.473	5.156	0.69	1.586	7.168	4.946	0.69	1.680	6.954	4.798	0.69	1.718	6.710	4.630	0.69	1.794
25	22	7.778	4.433	0.57	1.643	7.503	4.277	0.57	1.746	7.320	4.172	0.57	1.794	7.015	3.999	0.57	1.869
25	24	8.174	3.678	0.45	1.718	7.869	3.541	0.45	1.812	7.686	3.459	0.45	1.869	7.442	3.349	0.45	1.964
26	18	7.168	6.093	0.85	1.510	6.863	5.834	0.85	1.586	6.588	5.600	0.85	1.661	6.344	5.392	0.85	1.737
26	20	7.473	5.455	0.73	1.586	7.168	5.233	0.73	1.680	6.954	5.076	0.73	1.718	6.710	4.898	0.73	1.794
26	22	7.778	4.745	0.61	1.643	7.503	4.577	0.61	1.746	7.320	4.465	0.61	1.794	7.015	4.279	0.61	1.869
26	24	8.174	4.005	0.49	1.718	7.869	3.856	0.49	1.812	7.686	3.766	0.49	1.869	7.442	3.647	0.49	1.964
26	26	8.418	3.115	0.37	1.812	8.174	3.024	0.37	1.907	8.052	2.979	0.37	1.964	7.808	2.889	0.37	2.020
27	18	7.168	6.380	0.89	1.510	6.863	6.108	0.89	1.586	6.588	5.863	0.89	1.661	6.344	5.646	0.89	1.737
27	20	7.473	5.754	0.77	1.586	7.168	5.519	0.77	1.680	6.954	5.355	0.77	1.718	6.710	5.167	0.77	1.794
27	22	7.778	5.056	0.65	1.643	7.503	4.877	0.65	1.746	7.320	4.758	0.65	1.794	7.015	4.600	0.65	1.869
27	24	8.174	4.332	0.53	1.718	7.869	4.171	0.53	1.812	7.686	4.074	0.53	1.869	7.442	3.944	0.53	1.964
27	26	8.418	3.451	0.41	1.812	8.174	3.351	0.41	1.907	8.052	3.301	0.41	1.964	7.808	3.201	0.41	2.020
28	18	7.168	6.666	0.93	1.510	6.863	6.383	0.93	1.586	6.588	6.127	0.93	1.661	6.344	5.900	0.93	1.737
28	20	7.473	6.053	0.81	1.586	7.168	5.806	0.81	1.680	6.954	5.633	0.81	1.718	6.710	5.435	0.81	1.794
28	22	7.778	5.367	0.69	1.643	7.503	5.177	0.69	1.746	7.320	5.051	0.69	1.794	7.015	4.840	0.69	1.869
28	24	8.174	4.659	0.57	1.718	7.869	4.485	0.57	1.812	7.686	4.381	0.57	1.869	7.442	4.242	0.57	1.964
28	26	8.418	3.788	0.45	1.812	8.174	3.678	0.45	1.907	8.052	3.623	0.45	1.964	7.808	3.514	0.45	2.020
29	18	7.168	6.953	0.97	1.510	6.863	6.657	0.97	1.586	6.588	6.390	0.97	1.661	6.344	6.154	0.97	1.737
29	20	7.473	6.352	0.85	1.586	7.168	6.093	0.85	1.680	6.954	5.911	0.85	1.718	6.710	5.704	0.85	1.794
29	22	7.778	5.678	0.73	1.643	7.503	5.477	0.73	1.746	7.320	5.344	0.73	1.794	7.015	5.121	0.73	1.869
29	24	8.174	4.986	0.61	1.718	7.869	4.800	0.61	1.812	7.686	4.688	0.61	1.869	7.442	4.540	0.61	1.964
29	26	8.418	4.125	0.49	1.812	8.174	4.005	0.49	1.907	8.052	3.945	0.49	1.964	7.808	3.826	0.49	2.020
30	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
30	20	7.473	6.651	0.89	1.586	7.168	6.380	0.89	1.680	6.954	6.189	0.89	1.718	6.710	5.972	0.89	1.794
30	22	7.778	5.989	0.77	1.643	7.503	5.777	0.77	1.746	7.320	5.636	0.77	1.794	7.015	5.402	0.77	1.869
30	24	8.174	5.313	0.65	1.718	7.869	5.115	0.65	1.812	7.686	4.996	0.65	1.869	7.442	4.837	0.65	1.964
30	26	8.418	4.462	0.53	1.812	8.174	4.332	0.53	1.907	8.052	4.268	0.53	1.964	7.808	4.138	0.53	2.020
31	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
31	20	7.473	6.950	0.93	1.586	7.168	6.666	0.93	1.680	6.954	6.467	0.93	1.718	6.710	6.240	0.93	1.794
31	22	7.778	6.300	0.81	1.643	7.503	6.077	0.81	1.746	7.320	5.929	0.81	1.794	7.015	5.682	0.81	1.869
31	24	8.174	5.640	0.69	1.718	7.869	5.430	0.69	1.812	7.686	5.303	0.69	1.869	7.442	5.135	0.69	1.964
31	26	8.418	4.798	0.57	1.812	8.174	4.659	0.57	1.907	8.052	4.590	0.57	1.964	7.808	4.451	0.57	2.020
32	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
32	20	7.473	7.249	0.97	1.586	7.168	6.953	0.97	1.680	6.954	6.745	0.97	1.718	6.710	6.509	0.97	1.794
32	22	7.778	6.611	0.85	1.643	7.503	6.378	0.85	1.746	7.320	6.222	0.85	1.794	7.015	5.963	0.85	1.869
32	24	8.174	5.967	0.73	1.718	7.869	5.744	0.73	1.812	7.686	5.611	0.73	1.869	7.442	5.433	0.73	1.964
32	26	8.418	5.135	0.61	1.812	8.174	4.986	0.61	1.907	8.052	4.912	0.61	1.964	7.808	4.763	0.61	2.020

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM60JA(L) / SUZ-SM60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.886	0.65	1.850	5.490	3.569	0.65	1.964	5.063	3.291	0.65	2.039
21	20	6.283	3.330	0.53	1.926	5.856	3.104	0.53	2.020	5.429	2.877	0.53	2.133
22	18	5.978	4.125	0.69	1.850	5.490	3.788	0.69	1.964	5.063	3.493	0.69	2.039
22	20	6.283	3.581	0.57	1.926	5.856	3.338	0.57	2.020	5.429	3.095	0.57	2.133
22	22	6.649	2.992	0.45	2.001	6.222	2.800	0.45	2.115	5.795	2.608	0.45	2.190
23	18	5.978	4.364	0.73	1.850	5.490	4.008	0.73	1.964	5.063	3.696	0.73	2.039
23	20	6.283	3.833	0.61	1.926	5.856	3.572	0.61	2.020	5.429	3.312	0.61	2.133
23	22	6.649	3.258	0.49	2.001	6.222	3.049	0.49	2.115	5.795	2.840	0.49	2.190
24	18	5.978	4.603	0.77	1.850	5.490	4.227	0.77	1.964	5.063	3.899	0.77	2.039
24	20	6.283	4.084	0.65	1.926	5.856	3.806	0.65	2.020	5.429	3.529	0.65	2.133
24	22	6.649	3.524	0.53	2.001	6.222	3.298	0.53	2.115	5.795	3.071	0.53	2.190
24	24	7.015	2.876	0.41	2.077	6.588	2.701	0.41	2.171	6.222	2.551	0.41	2.266
25	20	6.283	4.335	0.69	1.926	5.856	4.041	0.69	2.020	5.429	3.746	0.69	2.133
25	22	6.649	3.790	0.57	2.001	6.222	3.547	0.57	2.115	5.795	3.303	0.57	2.190
25	24	7.015	3.157	0.45	2.077	6.588	2.965	0.45	2.171	6.222	2.800	0.45	2.266
26	18	5.978	5.081	0.85	1.850	5.490	4.667	0.85	1.964	5.063	4.304	0.85	2.039
26	20	6.283	4.587	0.73	1.926	5.856	4.275	0.73	2.020	5.429	3.963	0.73	2.133
26	22	6.649	4.056	0.61	2.001	6.222	3.795	0.61	2.115	5.795	3.535	0.61	2.190
26	24	7.015	3.437	0.49	2.077	6.588	3.228	0.49	2.171	6.222	3.049	0.49	2.266
26	26	7.381	2.731	0.37	2.152	6.954	2.573	0.37	2.247	6.527	2.415	0.37	2.341
27	18	5.978	5.320	0.89	1.850	5.490	4.886	0.89	1.964	5.063	4.506	0.89	2.039
27	20	6.283	4.838	0.77	1.926	5.856	4.509	0.77	2.020	5.429	4.180	0.77	2.133
27	22	6.649	4.322	0.65	2.001	6.222	4.044	0.65	2.115	5.795	3.767	0.65	2.190
27	24	7.015	3.718	0.53	2.077	6.588	3.492	0.53	2.171	6.222	3.298	0.53	2.266
27	26	7.381	3.026	0.41	2.152	6.954	2.851	0.41	2.247	6.527	2.676	0.41	2.341
28	18	5.978	5.560	0.93	1.850	5.490	5.106	0.93	1.964	5.063	4.709	0.93	2.039
28	20	6.283	5.089	0.81	1.926	5.856	4.743	0.81	2.020	5.429	4.397	0.81	2.133
28	22	6.649	4.588	0.69	2.001	6.222	4.293	0.69	2.115	5.795	3.999	0.69	2.190
28	24	7.015	3.999	0.57	2.077	6.588	3.755	0.57	2.171	6.222	3.547	0.57	2.266
28	26	7.381	3.321	0.45	2.152	6.954	3.129	0.45	2.247	6.527	2.937	0.45	2.341
29	18	5.978	5.799	0.97	1.850	5.490	5.325	0.97	1.964	5.063	4.911	0.97	2.039
29	20	6.283	5.341	0.85	1.926	5.856	4.978	0.85	2.020	5.429	4.615	0.85	2.133
29	22	6.649	4.854	0.73	2.001	6.222	4.542	0.73	2.115	5.795	4.230	0.73	2.190
29	24	7.015	4.279	0.61	2.077	6.588	4.019	0.61	2.171	6.222	3.795	0.61	2.266
29	26	7.381	3.617	0.49	2.152	6.954	3.407	0.49	2.247	6.527	3.198	0.49	2.341
30	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
30	20	6.283	5.592	0.89	1.926	5.856	5.212	0.89	2.020	5.429	4.832	0.89	2.133
30	22	6.649	5.120	0.77	2.001	6.222	4.791	0.77	2.115	5.795	4.462	0.77	2.190
30	24	7.015	4.560	0.65	2.077	6.588	4.282	0.65	2.171	6.222	4.044	0.65	2.266
30	26	7.381	3.912	0.53	2.152	6.954	3.686	0.53	2.247	6.527	3.459	0.53	2.341
31	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
31	20	6.283	5.843	0.93	1.926	5.856	5.446	0.93	2.020	5.429	5.049	0.93	2.133
31	22	6.649	5.386	0.81	2.001	6.222	5.040	0.81	2.115	5.795	4.694	0.81	2.190
31	24	7.015	4.840	0.69	2.077	6.588	4.546	0.69	2.171	6.222	4.293	0.69	2.266
31	26	7.381	4.207	0.57	2.152	6.954	3.964	0.57	2.247	6.527	3.720	0.57	2.341
32	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
32	20	6.283	6.095	0.97	1.926	5.856	5.680	0.97	2.020	5.429	5.266	0.97	2.133
32	22	6.649	5.652	0.85	2.001	6.222	5.289	0.85	2.115	5.795	4.926	0.85	2.190
32	24	7.015	5.121	0.73	2.077	6.588	4.809	0.73	2.171	6.222	4.542	0.73	2.266
32	26	7.381	4.502	0.61	2.152	6.954	4.242	0.61	2.247	6.527	3.981	0.61	2.341

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA(L)2 / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.758	7.988	4.953	0.62	1.846	7.668	4.754	0.62	1.934	7.384	4.578	0.62	2.022
21	20	8.698	4.349	0.50	1.846	8.343	4.172	0.50	1.956	8.094	4.047	0.50	2.000	7.810	3.905	0.50	2.088
22	18	8.343	5.506	0.66	1.758	7.988	5.272	0.66	1.846	7.668	5.061	0.66	1.934	7.384	4.873	0.66	2.022
22	20	8.698	4.697	0.54	1.846	8.343	4.505	0.54	1.956	8.094	4.371	0.54	2.000	7.810	4.217	0.54	2.088
22	22	9.053	3.802	0.42	1.912	8.733	3.668	0.42	2.033	8.520	3.578	0.42	2.088	8.165	3.429	0.42	2.176
23	18	8.343	5.840	0.70	1.758	7.988	5.592	0.70	1.846	7.668	5.368	0.70	1.934	7.384	5.169	0.70	2.022
23	20	8.698	5.045	0.58	1.846	8.343	4.839	0.58	1.956	8.094	4.695	0.58	2.000	7.810	4.530	0.58	2.088
23	22	9.053	4.164	0.46	1.912	8.733	4.017	0.46	2.033	8.520	3.919	0.46	2.088	8.165	3.756	0.46	2.176
24	18	8.343	6.174	0.74	1.758	7.988	5.911	0.74	1.846	7.668	5.674	0.74	1.934	7.384	5.464	0.74	2.022
24	20	8.698	5.393	0.62	1.846	8.343	5.173	0.62	1.956	8.094	5.018	0.62	2.000	7.810	4.842	0.62	2.088
24	22	9.053	4.527	0.50	1.912	8.733	4.367	0.50	2.033	8.520	4.260	0.50	2.088	8.165	4.083	0.50	2.176
24	24	9.514	3.615	0.38	2.000	9.159	3.480	0.38	2.110	8.946	3.399	0.38	2.176	8.662	3.292	0.38	2.286
25	20	8.698	5.741	0.66	1.846	8.343	5.506	0.66	1.956	8.094	5.342	0.66	2.000	7.810	5.155	0.66	2.088
25	22	9.053	4.889	0.54	1.912	8.733	4.716	0.54	2.033	8.520	4.601	0.54	2.088	8.165	4.409	0.54	2.176
25	24	9.514	3.996	0.42	2.000	9.159	3.847	0.42	2.110	8.946	3.757	0.42	2.176	8.662	3.638	0.42	2.286
26	18	8.343	6.841	0.82	1.758	7.988	6.550	0.82	1.846	7.668	6.288	0.82	1.934	7.384	6.055	0.82	2.022
26	20	8.698	6.089	0.70	1.846	8.343	5.840	0.70	1.956	8.094	5.666	0.70	2.000	7.810	5.467	0.70	2.088
26	22	9.053	5.251	0.58	1.912	8.733	5.065	0.58	2.033	8.520	4.942	0.58	2.088	8.165	4.736	0.58	2.176
26	24	9.514	4.376	0.46	2.000	9.159	4.213	0.46	2.110	8.946	4.115	0.46	2.176	8.662	3.985	0.46	2.286
26	26	9.798	3.331	0.34	2.110	9.514	3.235	0.34	2.220	9.372	3.186	0.34	2.286	9.088	3.090	0.34	2.352
27	18	8.343	7.175	0.86	1.758	7.988	6.870	0.86	1.846	7.668	6.594	0.86	1.934	7.384	6.350	0.86	2.022
27	20	8.698	6.437	0.74	1.846	8.343	6.174	0.74	1.956	8.094	5.990	0.74	2.000	7.810	5.779	0.74	2.088
27	22	9.053	5.613	0.62	1.912	8.733	5.414	0.62	2.033	8.520	5.282	0.62	2.088	8.165	5.062	0.62	2.176
27	24	9.514	4.757	0.50	2.000	9.159	4.580	0.50	2.110	8.946	4.473	0.50	2.176	8.662	4.331	0.50	2.286
27	26	9.798	3.723	0.38	2.110	9.514	3.615	0.38	2.220	9.372	3.561	0.38	2.286	9.088	3.453	0.38	2.352
28	18	8.343	7.509	0.90	1.758	7.988	7.189	0.90	1.846	7.668	6.901	0.90	1.934	7.384	6.646	0.90	2.022
28	20	8.698	6.784	0.78	1.846	8.343	6.508	0.78	1.956	8.094	6.313	0.78	2.000	7.810	6.092	0.78	2.088
28	22	9.053	5.975	0.66	1.912	8.733	5.764	0.66	2.033	8.520	5.623	0.66	2.088	8.165	5.389	0.66	2.176
28	24	9.514	5.138	0.54	2.000	9.159	4.946	0.54	2.110	8.946	4.831	0.54	2.176	8.662	4.677	0.54	2.286
28	26	9.798	4.115	0.42	2.110	9.514	3.996	0.42	2.220	9.372	3.936	0.42	2.286	9.088	3.817	0.42	2.352
29	18	8.343	7.842	0.94	1.758	7.988	7.509	0.94	1.846	7.668	7.208	0.94	1.934	7.384	6.941	0.94	2.022
29	20	8.698	7.132	0.82	1.846	8.343	6.841	0.82	1.956	8.094	6.637	0.82	2.000	7.810	6.404	0.82	2.088
29	22	9.053	6.337	0.70	1.912	8.733	6.113	0.70	2.033	8.520	5.964	0.70	2.088	8.165	5.716	0.70	2.176
29	24	9.514	5.518	0.58	2.000	9.159	5.312	0.58	2.110	8.946	5.189	0.58	2.176	8.662	5.024	0.58	2.286
29	26	9.798	4.507	0.46	2.110	9.514	4.376	0.46	2.220	9.372	4.311	0.46	2.286	9.088	4.180	0.46	2.352
30	18	8.343	8.176	0.98	1.758	7.988	7.828	0.98	1.846	7.668	7.515	0.98	1.934	7.384	7.236	0.98	2.022
30	20	8.698	7.480	0.86	1.846	8.343	7.175	0.86	1.956	8.094	6.961	0.86	2.000	7.810	6.717	0.86	2.088
30	22	9.053	6.699	0.74	1.912	8.733	6.462	0.74	2.033	8.520	6.305	0.74	2.088	8.165	6.042	0.74	2.176
30	24	9.514	5.899	0.62	2.000	9.159	5.679	0.62	2.110	8.946	5.547	0.62	2.176	8.662	5.370	0.62	2.286
30	26	9.798	4.899	0.50	2.110	9.514	4.757	0.50	2.220	9.372	4.686	0.50	2.286	9.088	4.544	0.50	2.352
31	18	8.343	8.343	1.00	1.758	7.988	7.988	1.00	1.846	7.668	7.668	1.00	1.934	7.384	7.384	1.00	2.022
31	20	8.698	7.828	0.90	1.846	8.343	7.509	0.90	1.956	8.094	7.285	0.90	2.000	7.810	7.029	0.90	2.088
31	22	9.053	7.061	0.78	1.912	8.733	6.812	0.78	2.033	8.520	6.646	0.78	2.088	8.165	6.369	0.78	2.176
31	24	9.514	6.279	0.66	2.000	9.159	6.045	0.66	2.110	8.946	5.904	0.66	2.176	8.662	5.717	0.66	2.286
31	26	9.798	5.291	0.54	2.110	9.514	5.138	0.54	2.220	9.372	5.061	0.54	2.286	9.088	4.908	0.54	2.352
32	18	8.343	8.343	1.00	1.758	7.988	7.988	1.00	1.846	7.668	7.668	1.00	1.934	7.384	7.384	1.00	2.022
32	20	8.698	8.176	0.94	1.846	8.343	7.842	0.94	1.956	8.094	7.608	0.94	2.000	7.810	7.341	0.94	2.088
32	22	9.053	7.423	0.82	1.912	8.733	7.161	0.82	2.033	8.520	6.986	0.82	2.088	8.165	6.695	0.82	2.176
32	24	9.514	6.660	0.70	2.000	9.159	6.411	0.70	2.110	8.946	6.262	0.70	2.176	8.662	6.063	0.70	2.286
32	26	9.798	5.683	0.58	2.110	9.514	5.518	0.58	2.220	9.372	5.436	0.58	2.286	9.088	5.271	0.58	2.352

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA(L)2 / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	2.154	6.390	3.962	0.62	2.286	5.893	3.654	0.62	2.374
21	20	7.313	3.657	0.50	2.242	6.816	3.408	0.50	2.352	6.319	3.160	0.50	2.484
22	18	6.958	4.592	0.66	2.154	6.390	4.217	0.66	2.286	5.893	3.889	0.66	2.374
22	20	7.313	3.949	0.54	2.242	6.816	3.681	0.54	2.352	6.319	3.412	0.54	2.484
22	22	7.739	3.250	0.42	2.330	7.242	3.042	0.42	2.462	6.745	2.833	0.42	2.550
23	18	6.958	4.871	0.70	2.154	6.390	4.473	0.70	2.286	5.893	4.125	0.70	2.374
23	20	7.313	4.242	0.58	2.242	6.816	3.953	0.58	2.352	6.319	3.665	0.58	2.484
23	22	7.739	3.560	0.46	2.330	7.242	3.331	0.46	2.462	6.745	3.103	0.46	2.550
24	18	6.958	5.149	0.74	2.154	6.390	4.729	0.74	2.286	5.893	4.361	0.74	2.374
24	20	7.313	4.534	0.62	2.242	6.816	4.226	0.62	2.352	6.319	3.918	0.62	2.484
24	22	7.739	3.870	0.50	2.330	7.242	3.621	0.50	2.462	6.745	3.373	0.50	2.550
24	24	8.165	3.103	0.38	2.418	7.668	2.914	0.38	2.528	7.242	2.752	0.38	2.638
25	20	7.313	4.827	0.66	2.242	6.816	4.499	0.66	2.352	6.319	4.171	0.66	2.484
25	22	7.739	4.179	0.54	2.330	7.242	3.911	0.54	2.462	6.745	3.642	0.54	2.550
25	24	8.165	3.429	0.42	2.418	7.668	3.221	0.42	2.528	7.242	3.042	0.42	2.638
26	18	6.958	5.706	0.82	2.154	6.390	5.240	0.82	2.286	5.893	4.832	0.82	2.374
26	20	7.313	5.119	0.70	2.242	6.816	4.771	0.70	2.352	6.319	4.423	0.70	2.484
26	22	7.739	4.489	0.58	2.330	7.242	4.200	0.58	2.462	6.745	3.912	0.58	2.550
26	24	8.165	3.756	0.46	2.418	7.668	3.527	0.46	2.528	7.242	3.331	0.46	2.638
26	26	8.591	2.921	0.34	2.506	8.094	2.752	0.34	2.616	7.597	2.583	0.34	2.726
27	18	6.958	5.984	0.86	2.154	6.390	5.495	0.86	2.286	5.893	5.068	0.86	2.374
27	20	7.313	5.412	0.74	2.242	6.816	5.044	0.74	2.352	6.319	4.676	0.74	2.484
27	22	7.739	4.798	0.62	2.330	7.242	4.490	0.62	2.462	6.745	4.182	0.62	2.550
27	24	8.165	4.083	0.50	2.418	7.668	3.834	0.50	2.528	7.242	3.621	0.50	2.638
27	26	8.591	3.265	0.38	2.506	8.094	3.076	0.38	2.616	7.597	2.887	0.38	2.726
28	18	6.958	6.262	0.90	2.154	6.390	5.751	0.90	2.286	5.893	5.304	0.90	2.374
28	20	7.313	5.704	0.78	2.242	6.816	5.316	0.78	2.352	6.319	4.929	0.78	2.484
28	22	7.739	5.108	0.66	2.330	7.242	4.780	0.66	2.462	6.745	4.452	0.66	2.550
28	24	8.165	4.409	0.54	2.418	7.668	4.141	0.54	2.528	7.242	3.911	0.54	2.638
28	26	8.591	3.608	0.42	2.506	8.094	3.399	0.42	2.616	7.597	3.191	0.42	2.726
29	18	6.958	6.541	0.94	2.154	6.390	6.007	0.94	2.286	5.893	5.539	0.94	2.374
29	20	7.313	5.997	0.82	2.242	6.816	5.589	0.82	2.352	6.319	5.182	0.82	2.484
29	22	7.739	5.417	0.70	2.330	7.242	5.069	0.70	2.462	6.745	4.722	0.70	2.550
29	24	8.165	4.736	0.58	2.418	7.668	4.447	0.58	2.528	7.242	4.200	0.58	2.638
29	26	8.591	3.952	0.46	2.506	8.094	3.723	0.46	2.616	7.597	3.495	0.46	2.726
30	18	6.958	6.819	0.98	2.154	6.390	6.262	0.98	2.286	5.893	5.775	0.98	2.374
30	20	7.313	6.289	0.86	2.242	6.816	5.862	0.86	2.352	6.319	5.434	0.86	2.484
30	22	7.739	5.727	0.74	2.330	7.242	5.359	0.74	2.462	6.745	4.991	0.74	2.550
30	24	8.165	5.062	0.62	2.418	7.668	4.754	0.62	2.528	7.242	4.490	0.62	2.638
30	26	8.591	4.296	0.50	2.506	8.094	4.047	0.50	2.616	7.597	3.799	0.50	2.726
31	18	6.958	6.958	1.00	2.154	6.390	6.390	1.00	2.286	5.893	5.893	1.00	2.374
31	20	7.313	6.582	0.90	2.242	6.816	6.134	0.90	2.352	6.319	5.687	0.90	2.484
31	22	7.739	6.036	0.78	2.330	7.242	5.649	0.78	2.462	6.745	5.261	0.78	2.550
31	24	8.165	5.389	0.66	2.418	7.668	5.061	0.66	2.528	7.242	4.780	0.66	2.638
31	26	8.591	4.639	0.54	2.506	8.094	4.371	0.54	2.616	7.597	4.102	0.54	2.726
32	18	6.958	6.958	1.00	2.154	6.390	6.390	1.00	2.286	5.893	5.893	1.00	2.374
32	20	7.313	6.874	0.94	2.242	6.816	6.407	0.94	2.352	6.319	5.940	0.94	2.484
32	22	7.739	6.346	0.82	2.330	7.242	5.938	0.82	2.462	6.745	5.531	0.82	2.550
32	24	8.165	5.716	0.70	2.418	7.668	5.368	0.70	2.528	7.242	5.069	0.70	2.638
32	26	8.591	4.983	0.58	2.506	8.094	4.695	0.58	2.616	7.597	4.406	0.58	2.726

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM100JA(L)2 / PUZ-SM100VKA2 PUZ-SM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	2.353	9.120	6.566	0.72	2.485	8.835	6.361	0.72	2.632
20	18	10.070	6.042	0.60	2.397	9.785	5.871	0.60	2.529	9.453	5.672	0.60	2.706
20	20	10.830	5.198	0.48	2.470	10.593	5.085	0.48	2.588	10.308	4.948	0.48	2.765
22	16	9.405	7.524	0.80	2.353	9.120	7.296	0.80	2.485	8.835	7.068	0.80	2.632
22	18	10.070	6.848	0.68	2.397	9.785	6.654	0.68	2.529	9.453	6.428	0.68	2.706
22	20	10.830	6.065	0.56	2.470	10.593	5.932	0.56	2.588	10.308	5.772	0.56	2.765
24	16	9.405	8.276	0.88	2.353	9.120	8.026	0.88	2.485	8.835	7.775	0.88	2.632
24	18	10.070	7.653	0.76	2.397	9.785	7.437	0.76	2.529	9.453	7.184	0.76	2.706
24	20	10.830	6.931	0.64	2.470	10.593	6.780	0.64	2.588	10.308	6.597	0.64	2.765
24	22	11.543	6.002	0.52	2.529	11.305	5.879	0.52	2.676	11.020	5.730	0.52	2.853
26	16	9.405	9.029	0.96	2.353	9.120	8.755	0.96	2.485	8.835	8.482	0.96	2.632
26	18	10.070	8.459	0.84	2.397	9.785	8.219	0.84	2.529	9.453	7.941	0.84	2.706
26	20	10.830	7.798	0.72	2.470	10.593	7.627	0.72	2.588	10.308	7.422	0.72	2.765
26	22	11.543	6.926	0.60	2.529	11.305	6.783	0.60	2.676	11.020	6.612	0.60	2.853
27	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
27	18	10.070	8.862	0.88	2.397	9.785	8.611	0.88	2.529	9.453	8.319	0.88	2.706
27	20	10.830	8.231	0.76	2.470	10.593	8.051	0.76	2.588	10.308	7.834	0.76	2.765
27	22	11.543	7.388	0.64	2.529	11.305	7.235	0.64	2.676	11.020	7.053	0.64	2.853
28	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
28	18	10.070	9.264	0.92	2.397	9.785	9.002	0.92	2.529	9.453	8.697	0.92	2.706
28	20	10.830	8.664	0.80	2.470	10.593	8.474	0.80	2.588	10.308	8.246	0.80	2.765
28	22	11.543	7.849	0.68	2.529	11.305	7.687	0.68	2.676	11.020	7.494	0.68	2.853
30	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
30	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
30	20	10.830	9.530	0.88	2.470	10.593	9.322	0.88	2.588	10.308	9.071	0.88	2.765
30	22	11.543	8.773	0.76	2.529	11.305	8.592	0.76	2.676	11.020	8.375	0.76	2.853
32	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
32	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
32	20	10.830	10.397	0.96	2.470	10.593	10.169	0.96	2.588	10.308	9.896	0.96	2.765
32	22	11.543	9.696	0.84	2.529	11.305	9.496	0.84	2.676	11.020	9.257	0.84	2.853
34	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
34	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
34	20	10.830	10.830	1.00	2.470	10.593	10.593	1.00	2.588	10.308	10.308	1.00	2.765
34	22	11.543	10.620	0.92	2.529	11.305	10.401	0.92	2.676	11.020	10.138	0.92	2.853

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.823	8.075	5.814	0.72	3.029	7.695	5.540	0.72	3.279
20	18	9.120	5.472	0.60	2.897	8.835	5.301	0.60	3.117	8.265	4.959	0.60	3.353
20	20	9.880	4.742	0.48	2.970	9.500	4.560	0.48	3.176	8.930	4.286	0.48	3.412
22	16	8.455	6.764	0.80	2.823	8.075	6.460	0.80	3.029	7.695	6.156	0.80	3.279
22	18	9.120	6.202	0.68	2.897	8.835	6.008	0.68	3.117	8.265	5.620	0.68	3.353
22	20	9.880	5.533	0.56	2.970	9.500	5.320	0.56	3.176	8.930	5.001	0.56	3.412
24	16	8.455	7.440	0.88	2.823	8.075	7.106	0.88	3.029	7.695	6.772	0.88	3.279
24	18	9.120	6.931	0.76	2.897	8.835	6.715	0.76	3.117	8.265	6.281	0.76	3.353
24	20	9.880	6.323	0.64	2.970	9.500	6.080	0.64	3.176	8.930	5.715	0.64	3.412
24	22	10.640	5.533	0.52	3.029	10.260	5.335	0.52	3.265	9.690	5.039	0.52	3.470
26	16	8.455	8.117	0.96	2.823	8.075	7.752	0.96	3.029	7.695	7.387	0.96	3.279
26	18	9.120	7.661	0.84	2.897	8.835	7.421	0.84	3.117	8.265	6.943	0.84	3.353
26	20	9.880	7.114	0.72	2.970	9.500	6.840	0.72	3.176	8.930	6.430	0.72	3.412
26	22	10.640	6.384	0.60	3.029	10.260	6.156	0.60	3.265	9.690	5.814	0.60	3.470
27	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
27	18	9.120	8.026	0.88	2.897	8.835	7.775	0.88	3.117	8.265	7.273	0.88	3.353
27	20	9.880	7.509	0.76	2.970	9.500	7.220	0.76	3.176	8.930	6.787	0.76	3.412
27	22	10.640	6.810	0.64	3.029	10.260	6.566	0.64	3.265	9.690	6.202	0.64	3.470
28	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
28	18	9.120	8.390	0.92	2.897	8.835	8.128	0.92	3.117	8.265	7.604	0.92	3.353
28	20	9.880	7.904	0.80	2.970	9.500	7.600	0.80	3.176	8.930	7.144	0.80	3.412
28	22	10.640	7.235	0.68	3.029	10.260	6.977	0.68	3.265	9.690	6.589	0.68	3.470
30	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
30	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
30	20	9.880	8.694	0.88	2.970	9.500	8.360	0.88	3.176	8.930	7.858	0.88	3.412
30	22	10.640	8.086	0.76	3.029	10.260	7.798	0.76	3.265	9.690	7.364	0.76	3.470
32	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
32	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
32	20	9.880	9.485	0.96	2.970	9.500	9.120	0.96	3.176	8.930	8.573	0.96	3.412
32	22	10.640	8.938	0.84	3.029	10.260	8.618	0.84	3.265	9.690	8.140	0.84	3.470
34	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
34	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
34	20	9.880	9.880	1.00	2.970	9.500	9.500	1.00	3.176	8.930	8.930	1.00	3.412
34	22	10.640	9.789	0.92	3.029	10.260	9.439	0.92	3.265	9.690	8.915	0.92	3.470

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PEAD-SM125JA(L)2 / PUZ-SM125VKA2 PUZ-SM125YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	8.146	0.68	3.338	11.616	7.899	0.68	3.525	11.253	7.652	0.68	3.734
20	18	12.826	7.183	0.56	3.400	12.463	6.979	0.56	3.588	12.040	6.742	0.56	3.838
20	20	13.794	6.069	0.44	3.504	13.492	5.936	0.44	3.671	13.129	5.777	0.44	3.922
22	16	11.979	9.104	0.76	3.338	11.616	8.828	0.76	3.525	11.253	8.552	0.76	3.734
22	18	12.826	8.209	0.64	3.400	12.463	7.976	0.64	3.588	12.040	7.706	0.64	3.838
22	20	13.794	7.173	0.52	3.504	13.492	7.016	0.52	3.671	13.129	6.827	0.52	3.922
24	16	11.979	10.062	0.84	3.338	11.616	9.757	0.84	3.525	11.253	9.453	0.84	3.734
24	18	12.826	9.235	0.72	3.400	12.463	8.973	0.72	3.588	12.040	8.669	0.72	3.838
24	20	13.794	8.276	0.60	3.504	13.492	8.095	0.60	3.671	13.129	7.877	0.60	3.922
24	22	14.702	7.057	0.48	3.588	14.399	6.912	0.48	3.797	14.036	6.737	0.48	4.047
26	16	11.979	11.021	0.92	3.338	11.616	10.687	0.92	3.525	11.253	10.353	0.92	3.734
26	18	12.826	10.261	0.80	3.400	12.463	9.970	0.80	3.588	12.040	9.632	0.80	3.838
26	20	13.794	9.380	0.68	3.504	13.492	9.175	0.68	3.671	13.129	8.928	0.68	3.922
26	22	14.702	8.233	0.56	3.588	14.399	8.063	0.56	3.797	14.036	7.860	0.56	4.047
27	16	11.979	11.500	0.96	3.338	11.616	11.151	0.96	3.525	11.253	10.803	0.96	3.734
27	18	12.826	10.774	0.84	3.400	12.463	10.469	0.84	3.588	12.040	10.114	0.84	3.838
27	20	13.794	9.932	0.72	3.504	13.492	9.714	0.72	3.671	13.129	9.453	0.72	3.922
27	22	14.702	8.821	0.60	3.588	14.399	8.639	0.60	3.797	14.036	8.422	0.60	4.047
28	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
28	18	12.826	11.287	0.88	3.400	12.463	10.967	0.88	3.588	12.040	10.595	0.88	3.838
28	20	13.794	10.483	0.76	3.504	13.492	10.254	0.76	3.671	13.129	9.978	0.76	3.922
28	22	14.702	9.409	0.64	3.588	14.399	9.215	0.64	3.797	14.036	8.983	0.64	4.047
30	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
30	18	12.826	12.313	0.96	3.400	12.463	11.964	0.96	3.588	12.040	11.558	0.96	3.838
30	20	13.794	11.587	0.84	3.504	13.492	11.333	0.84	3.671	13.129	11.028	0.84	3.922
30	22	14.702	10.585	0.72	3.588	14.399	10.367	0.72	3.797	14.036	10.106	0.72	4.047
32	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
32	18	12.826	12.826	1.00	3.400	12.463	12.463	1.00	3.588	12.040	12.040	1.00	3.838
32	20	13.794	12.690	0.92	3.504	13.492	12.413	0.92	3.671	13.129	12.079	0.92	3.922
32	22	14.702	11.762	0.80	3.588	14.399	11.519	0.80	3.797	14.036	11.229	0.80	4.047
34	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
34	18	12.826	12.826	1.00	3.400	12.463	12.463	1.00	3.588	12.040	12.040	1.00	3.838
34	20	13.794	13.794	1.00	3.504	13.492	13.492	1.00	3.671	13.129	13.129	1.00	3.922
34	22	14.702	12.938	0.88	3.588	14.399	12.671	0.88	3.797	14.036	12.352	0.88	4.047

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	7.323	0.68	4.005	10.285	6.994	0.68	4.297	9.801	6.665	0.68	4.652
20	18	11.616	6.505	0.56	4.109	11.253	6.302	0.56	4.422	10.527	5.895	0.56	4.756
20	20	12.584	5.537	0.44	4.214	12.100	5.324	0.44	4.506	11.374	5.005	0.44	4.840
22	16	10.769	8.184	0.76	4.005	10.285	7.817	0.76	4.297	9.801	7.449	0.76	4.652
22	18	11.616	7.434	0.64	4.109	11.253	7.202	0.64	4.422	10.527	6.737	0.64	4.756
22	20	12.584	6.544	0.52	4.214	12.100	6.292	0.52	4.506	11.374	5.914	0.52	4.840
24	16	10.769	9.046	0.84	4.005	10.285	8.639	0.84	4.297	9.801	8.233	0.84	4.652
24	18	11.616	8.364	0.72	4.109	11.253	8.102	0.72	4.422	10.527	7.579	0.72	4.756
24	20	12.584	7.550	0.60	4.214	12.100	7.260	0.60	4.506	11.374	6.824	0.60	4.840
24	22	13.552	6.505	0.48	4.297	13.068	6.273	0.48	4.631	12.342	5.924	0.48	4.923
26	16	10.769	9.907	0.92	4.005	10.285	9.462	0.92	4.297	9.801	9.017	0.92	4.652
26	18	11.616	9.293	0.80	4.109	11.253	9.002	0.80	4.422	10.527	8.422	0.80	4.756
26	20	12.584	8.557	0.68	4.214	12.100	8.228	0.68	4.506	11.374	7.734	0.68	4.840
26	22	13.552	7.589	0.56	4.297	13.068	7.318	0.56	4.631	12.342	6.912	0.56	4.923
27	16	10.769	10.338	0.96	4.005	10.285	9.874	0.96	4.297	9.801	9.409	0.96	4.652
27	18	11.616	9.757	0.84	4.109	11.253	9.453	0.84	4.422	10.527	8.843	0.84	4.756
27	20	12.584	9.060	0.72	4.214	12.100	8.712	0.72	4.506	11.374	8.189	0.72	4.840
27	22	13.552	8.131	0.60	4.297	13.068	7.841	0.60	4.631	12.342	7.405	0.60	4.923
28	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
28	18	11.616	10.222	0.88	4.109	11.253	9.903	0.88	4.422	10.527	9.264	0.88	4.756
28	20	12.584	9.564	0.76	4.214	12.100	9.196	0.76	4.506	11.374	8.644	0.76	4.840
28	22	13.552	8.673	0.64	4.297	13.068	8.364	0.64	4.631	12.342	7.899	0.64	4.923
30	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
30	18	11.616	11.151	0.96	4.109	11.253	10.803	0.96	4.422	10.527	10.106	0.96	4.756
30	20	12.584	10.571	0.84	4.214	12.100	10.164	0.84	4.506	11.374	9.554	0.84	4.840
30	22	13.552	9.757	0.72	4.297	13.068	9.409	0.72	4.631	12.342	8.886	0.72	4.923
32	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
32	18	11.616	11.616	1.00	4.109	11.253	11.253	1.00	4.422	10.527	10.527	1.00	4.756
32	20	12.584	11.577	0.92	4.214	12.100	11.132	0.92	4.506	11.374	10.464	0.92	4.840
32	22	13.552	10.842	0.80	4.297	13.068	10.454	0.80	4.631	12.342	9.874	0.80	4.923
34	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
34	18	11.616	11.616	1.00	4.109	11.253	11.253	1.00	4.422	10.527	10.527	1.00	4.756
34	20	12.584	12.584	1.00	4.214	12.100	12.100	1.00	4.506	11.374	11.374	1.00	4.840
34	22	13.552	11.926	0.88	4.297	13.068	11.500	0.88	4.631	12.342	10.861	0.88	4.923

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM140JA(L)2 / PUZ-SM140VKA2 PUZ-SM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	3.970	12.864	8.619	0.67	4.193	12.462	8.350	0.67	4.441
20	18	14.204	7.812	0.55	4.044	13.802	7.591	0.55	4.267	13.333	7.333	0.55	4.565
20	20	15.276	6.569	0.43	4.168	14.941	6.425	0.43	4.367	14.539	6.252	0.43	4.664
22	16	13.266	9.950	0.75	3.970	12.864	9.648	0.75	4.193	12.462	9.347	0.75	4.441
22	18	14.204	8.949	0.63	4.044	13.802	8.695	0.63	4.267	13.333	8.400	0.63	4.565
22	20	15.276	7.791	0.51	4.168	14.941	7.620	0.51	4.367	14.539	7.415	0.51	4.664
24	16	13.266	11.011	0.83	3.970	12.864	10.677	0.83	4.193	12.462	10.343	0.83	4.441
24	18	14.204	10.085	0.71	4.044	13.802	9.799	0.71	4.267	13.333	9.466	0.71	4.565
24	20	15.276	9.013	0.59	4.168	14.941	8.815	0.59	4.367	14.539	8.578	0.59	4.664
24	22	16.281	7.652	0.47	4.267	15.946	7.495	0.47	4.515	15.544	7.306	0.47	4.813
26	16	13.266	12.072	0.91	3.970	12.864	11.706	0.91	4.193	12.462	11.340	0.91	4.441
26	18	14.204	11.221	0.79	4.044	13.802	10.904	0.79	4.267	13.333	10.533	0.79	4.565
26	20	15.276	10.235	0.67	4.168	14.941	10.010	0.67	4.367	14.539	9.741	0.67	4.664
26	22	16.281	8.955	0.55	4.267	15.946	8.770	0.55	4.515	15.544	8.549	0.55	4.813
27	16	13.266	12.603	0.95	3.970	12.864	12.221	0.95	4.193	12.462	11.839	0.95	4.441
27	18	14.204	11.789	0.83	4.044	13.802	11.456	0.83	4.267	13.333	11.066	0.83	4.565
27	20	15.276	10.846	0.71	4.168	14.941	10.608	0.71	4.367	14.539	10.323	0.71	4.664
27	22	16.281	9.606	0.59	4.267	15.946	9.408	0.59	4.515	15.544	9.171	0.59	4.813
28	16	13.266	13.133	0.99	3.970	12.864	12.735	0.99	4.193	12.462	12.337	0.99	4.441
28	18	14.204	12.357	0.87	4.044	13.802	12.008	0.87	4.267	13.333	11.600	0.87	4.565
28	20	15.276	11.457	0.75	4.168	14.941	11.206	0.75	4.367	14.539	10.904	0.75	4.664
28	22	16.281	10.257	0.63	4.267	15.946	10.046	0.63	4.515	15.544	9.793	0.63	4.813
30	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
30	18	14.204	13.494	0.95	4.044	13.802	13.112	0.95	4.267	13.333	12.666	0.95	4.565
30	20	15.276	12.679	0.83	4.168	14.941	12.401	0.83	4.367	14.539	12.067	0.83	4.664
30	22	16.281	11.560	0.71	4.267	15.946	11.322	0.71	4.515	15.544	11.036	0.71	4.813
32	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
32	18	14.204	14.204	1.00	4.044	13.802	13.802	1.00	4.267	13.333	13.333	1.00	4.565
32	20	15.276	13.901	0.91	4.168	14.941	13.596	0.91	4.367	14.539	13.230	0.91	4.664
32	22	16.281	12.862	0.79	4.267	15.946	12.597	0.79	4.515	15.544	12.280	0.79	4.813
34	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
34	18	14.204	14.204	1.00	4.044	13.802	13.802	1.00	4.267	13.333	13.333	1.00	4.565
34	20	15.276	15.123	0.99	4.168	14.941	14.792	0.99	4.367	14.539	14.394	0.99	4.664
34	22	16.281	14.164	0.87	4.267	15.946	13.873	0.87	4.515	15.544	13.523	0.87	4.813

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	4.764	11.390	7.631	0.67	5.111	10.854	7.272	0.67	5.533
20	18	12.864	7.075	0.55	4.888	12.462	6.854	0.55	5.260	11.658	6.412	0.55	5.657
20	20	13.936	5.992	0.43	5.012	13.400	5.762	0.43	5.359	12.596	5.416	0.43	5.756
22	16	11.926	8.945	0.75	4.764	11.390	8.543	0.75	5.111	10.854	8.141	0.75	5.533
22	18	12.864	8.104	0.63	4.888	12.462	7.851	0.63	5.260	11.658	7.345	0.63	5.657
22	20	13.936	7.107	0.51	5.012	13.400	6.834	0.51	5.359	12.596	6.424	0.51	5.756
24	16	11.926	9.899	0.83	4.764	11.390	9.454	0.83	5.111	10.854	9.009	0.83	5.533
24	18	12.864	9.133	0.71	4.888	12.462	8.848	0.71	5.260	11.658	8.277	0.71	5.657
24	20	13.936	8.222	0.59	5.012	13.400	7.906	0.59	5.359	12.596	7.432	0.59	5.756
24	22	15.008	7.054	0.47	5.111	14.472	6.802	0.47	5.508	13.668	6.424	0.47	5.855
26	16	11.926	10.853	0.91	4.764	11.390	10.365	0.91	5.111	10.854	9.877	0.91	5.533
26	18	12.864	10.163	0.79	4.888	12.462	9.845	0.79	5.260	11.658	9.210	0.79	5.657
26	20	13.936	9.337	0.67	5.012	13.400	8.978	0.67	5.359	12.596	8.439	0.67	5.756
26	22	15.008	8.254	0.55	5.111	14.472	7.960	0.55	5.508	13.668	7.517	0.55	5.855
27	16	11.926	11.330	0.95	4.764	11.390	10.821	0.95	5.111	10.854	10.311	0.95	5.533
27	18	12.864	10.677	0.83	4.888	12.462	10.343	0.83	5.260	11.658	9.676	0.83	5.657
27	20	13.936	9.895	0.71	5.012	13.400	9.514	0.71	5.359	12.596	8.943	0.71	5.756
27	22	15.008	8.855	0.59	5.111	14.472	8.538	0.59	5.508	13.668	8.064	0.59	5.855
28	16	11.926	11.807	0.99	4.764	11.390	11.276	0.99	5.111	10.854	10.745	0.99	5.533
28	18	12.864	11.192	0.87	4.888	12.462	10.842	0.87	5.260	11.658	10.142	0.87	5.657
28	20	13.936	10.452	0.75	5.012	13.400	10.050	0.75	5.359	12.596	9.447	0.75	5.756
28	22	15.008	9.455	0.63	5.111	14.472	9.117	0.63	5.508	13.668	8.611	0.63	5.855
30	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
30	18	12.864	12.221	0.95	4.888	12.462	11.839	0.95	5.260	11.658	11.075	0.95	5.657
30	20	13.936	11.567	0.83	5.012	13.400	11.122	0.83	5.359	12.596	10.455	0.83	5.756
30	22	15.008	10.656	0.71	5.111	14.472	10.275	0.71	5.508	13.668	9.704	0.71	5.855
32	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
32	18	12.864	12.864	1.00	4.888	12.462	12.462	1.00	5.260	11.658	11.658	1.00	5.657
32	20	13.936	12.682	0.91	5.012	13.400	12.194	0.91	5.359	12.596	11.462	0.91	5.756
32	22	15.008	11.856	0.79	5.111	14.472	11.433	0.79	5.508	13.668	10.798	0.79	5.855
34	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
34	18	12.864	12.864	1.00	4.888	12.462	12.462	1.00	5.260	11.658	11.658	1.00	5.657
34	20	13.936	13.797	0.99	5.012	13.400	13.266	0.99	5.359	12.596	12.470	0.99	5.756
34	22	15.008	13.057	0.87	5.111	14.472	12.591	0.87	5.508	13.668	11.891	0.87	5.855

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PEAD-M•JA(L)2 / PUZ-ZM•VHA2 PUZ-ZM•VKA2 PUZ-ZM•YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M35JA(L)2	15	2.604	0.537	2.829	0.592	3.157	0.683	4.141	0.820	4.674	0.911	5.207	0.984
	20	2.501	0.583	2.706	0.638	2.993	0.738	3.998	0.884	4.510	0.984	5.023	1.057
	25	2.419	0.619	2.624	0.692	2.870	0.802	3.772	0.938	4.346	1.052	4.838	1.134
PEAD-M50JA(L)2	15	3.810	0.804	4.140	0.886	4.620	1.022	6.060	1.227	6.840	1.363	7.620	1.472
	20	3.660	0.872	3.960	0.954	4.380	1.104	5.850	1.322	6.600	1.472	7.350	1.581
	25	3.540	0.927	3.840	1.036	4.200	1.199	5.520	1.404	6.360	1.574	7.080	1.697
PEAD-M60JA(L)2	15	4.445	0.938	4.830	1.034	5.390	1.193	7.070	1.431	7.980	1.590	8.890	1.717
	20	4.270	1.018	4.620	1.113	5.110	1.288	6.825	1.542	7.700	1.717	8.575	1.844
	25	4.130	1.081	4.480	1.208	4.900	1.399	6.440	1.638	7.420	1.836	8.260	1.980
PEAD-M71JA(L)2	15	5.080	1.123	5.520	1.238	6.160	1.428	8.080	1.714	9.120	1.904	10.160	2.056
	20	4.880	1.219	5.280	1.333	5.840	1.542	7.800	1.847	8.800	2.056	9.800	2.209
	25	4.720	1.295	5.120	1.447	5.600	1.676	7.360	1.961	8.480	2.199	9.440	2.370
PEAD-M100JA(L)2	15	7.112	1.502	7.728	1.654	8.624	1.909	11.312	2.291	12.768	2.545	14.224	2.749
	20	6.832	1.629	7.392	1.782	8.176	2.061	10.920	2.469	12.320	2.749	13.720	2.952
	25	6.608	1.731	7.168	1.934	7.840	2.240	10.304	2.621	11.872	2.939	13.216	3.169
PEAD-M125JA(L)2	15	8.890	2.220	9.660	2.446	10.780	2.822	14.140	3.387	15.960	3.763	17.780	4.064
	20	8.540	2.408	9.240	2.634	10.220	3.048	13.650	3.650	15.400	4.064	17.150	4.365
	25	8.260	2.559	8.960	2.860	9.800	3.311	12.880	3.876	14.840	4.346	16.520	4.685
PEAD-M140JA(L)2	15	10.160	2.420	11.040	2.666	12.320	3.077	16.160	3.692	18.240	4.102	20.320	4.430
	20	9.760	2.625	10.560	2.871	11.680	3.323	15.600	3.979	17.600	4.430	19.600	4.758
	25	9.440	2.789	10.240	3.118	11.200	3.610	14.720	4.225	16.960	4.738	18.880	5.107

PEA-M•LA2 / PUZ-ZM•YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA2	15	14.224	3.776	15.456	4.160	17.248	4.800	22.624	5.760	25.536	6.400	28.448	6.912
	20	13.664	4.096	14.784	4.480	16.352	5.184	21.840	6.208	24.640	6.912	27.440	7.424
	25	13.216	4.352	14.336	4.864	15.680	5.632	20.608	6.592	23.744	7.392	26.432	7.968
PEA-M250LA2	15	17.145	4.685	18.630	5.162	20.790	5.956	27.270	7.147	30.780	7.941	34.290	8.576
	20	16.470	5.082	17.820	5.559	19.710	6.432	26.325	7.703	29.700	8.576	33.075	9.212
	25	15.930	5.400	17.280	6.035	18.900	6.988	24.840	8.179	28.620	9.172	31.860	9.887

PEAD-M•JA(L)2 / SUZ-M•VA2

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M35JA(L)2	15	2.050	0.533	2.583	0.666	3.116	0.800	3.649	0.902	4.182	0.974	4.715	1.035	5.207	1.066	5.740	1.087
	20	1.927	0.568	2.460	0.718	2.952	0.851	3.485	0.943	3.977	1.015	4.510	1.066	5.002	1.097	5.515	1.138
	25	1.681	0.615	2.214	0.769	2.747	0.902	3.239	0.994	3.772	1.066	4.305	1.117	4.797	1.148	5.330	1.179
PEAD-M50JA(L)2	15	3.000	0.761	3.780	0.951	4.560	1.141	5.340	1.287	6.120	1.390	6.900	1.478	7.620	1.522	8.400	1.551
	20	2.820	0.811	3.600	1.024	4.320	1.214	5.100	1.346	5.820	1.448	6.600	1.522	7.320	1.565	8.070	1.624
	25	2.460	0.878	3.240	1.097	4.020	1.287	4.740	1.419	5.520	1.522	6.300	1.595	7.020	1.639	7.800	1.682
PEAD-M60JA(L)2	15	3.500	0.958	4.410	1.197	5.320	1.437	6.230	1.621	7.140	1.750	8.050	1.860	8.890	1.916	9.800	1.953
	20	3.290	1.020	4.200	1.289	5.040	1.529	5.950	1.695	6.790	1.824	7.700	1.916	8.540	1.971	9.415	2.045
	25	2.870	1.105	3.780	1.382	4.690	1.621	5.530	1.787	6.440	1.916	7.350	2.008	8.190	2.063	9.100	2.118
PEAD-M71JA(L)2	15	4.000	1.095	5.040	1.368	6.080	1.642	7.120	1.852	8.160	2.000	9.200	2.126	10.160	2.189	11.200	2.231
	20	3.760	1.166	4.800	1.474	5.760	1.747	6.800	1.937	7.760	2.084	8.800	2.189	9.760	2.252	10.760	2.337
	25	3.280	1.263	4.320	1.579	5.360	1.852	6.320	2.042	7.360	2.189	8.400	2.294	9.360	2.358	10.400	2.421

PEAD-M•JA(L)2 / PUZ-M•VKA2 PUZ-M•YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M100JA(L)2	15	7.112	1.739	7.728	1.916	8.624	2.210	11.312	2.652	12.768	2.947	14.224	3.183
	20	6.832	1.886	7.392	2.063	8.176	2.387	10.920	2.859	12.320	3.183	13.720	3.419
	25	6.608	2.004	7.168	2.240	7.840	2.593	10.304	3.035	11.872	3.404	13.216	3.669
PEAD-M125JA(L)2	15	8.573	2.206	9.315	2.430	10.395	2.804	13.635	3.365	15.390	3.739	17.145	4.038
	20	8.235	2.393	8.910	2.617	9.855	3.029	13.163	3.627	14.850	4.038	16.538	4.337
	25	7.965	2.543	8.640	2.842	9.450	3.290	12.420	3.851	14.310	4.319	15.930	4.655
PEAD-M140JA(L)2	15	9.525	2.451	10.350	2.701	11.550	3.116	15.150	3.740	17.100	4.155	19.050	4.487
	20	9.150	2.659	9.900	2.909	10.950	3.366	14.625	4.030	16.500	4.487	18.375	4.820
	25	8.850	2.825	9.600	3.158	10.500	3.656	13.800	4.280	15.900	4.799	17.700	5.173

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY
PEA-M•LA2 / PUZ-M•YKA2

Slim Standard

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA2	15	14.224	3.887	15.456	4.282	17.248	4.941	22.624	5.929	25.536	6.588	28.448	7.115
	20	13.664	4.216	14.784	4.612	16.352	5.336	21.840	6.390	24.640	7.115	27.440	7.642
	25	13.216	4.480	14.336	5.007	15.680	5.797	20.608	6.786	23.744	7.609	26.432	8.202
PEA-M250LA2	15	17.145	4.827	18.630	5.318	20.790	6.136	27.270	7.363	30.780	8.181	34.290	8.835
	20	16.470	5.236	17.820	5.727	19.710	6.627	26.325	7.936	29.700	8.835	33.075	9.490
	25	15.930	5.563	17.280	6.218	18.900	7.199	24.840	8.426	28.620	9.449	31.860	10.185

PEAD-SM•JA(L)2 / SUZ-SM•VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM35JA(L)	15	2.050	0.575	2.583	0.718	3.116	0.862	3.649	0.972	4.182	1.050	4.715	1.116	5.207	1.149	5.740	1.171
	21	1.927	0.612	2.460	0.774	2.952	0.917	3.485	1.017	3.977	1.094	4.510	1.149	5.002	1.182	5.515	1.227
	26	1.681	0.663	2.214	0.829	2.747	0.972	3.239	1.072	3.772	1.149	4.305	1.204	4.797	1.238	5.330	1.271
PEAD-SM50JA(L)	15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
	21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
	26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860
PEAD-SM60JA(L)	15	3.500	0.981	4.410	1.226	5.320	1.471	6.230	1.660	7.140	1.792	8.050	1.905	8.890	1.961	9.800	1.999
	21	3.290	1.045	4.200	1.320	5.040	1.565	5.950	1.735	6.790	1.867	7.700	1.961	8.540	2.018	9.415	2.093
	26	2.870	1.132	3.780	1.415	4.690	1.660	5.530	1.829	6.440	1.961	7.350	2.056	8.190	2.112	9.100	2.169
PEAD-SM71JA(L)2	15	4.000	1.121	5.040	1.401	6.080	1.682	7.120	1.897	8.160	2.048	9.200	2.178	10.160	2.242	11.200	2.285
	21	3.760	1.194	4.800	1.509	5.760	1.789	6.800	1.984	7.760	2.134	8.800	2.242	9.760	2.307	10.760	2.393
	26	3.280	1.294	4.320	1.617	5.360	1.897	6.320	2.091	7.360	2.242	8.400	2.350	9.360	2.415	10.400	2.479

PEAD-SM•JA(L)2 / PUZ-SM•KA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM100JA(L)2	15	7.112	1.781	7.728	1.962	8.624	2.264	11.312	2.716	12.768	3.018	14.224	3.259
	20	6.832	1.932	7.392	2.113	8.176	2.445	10.920	2.927	12.320	3.259	13.720	3.501
	25	6.608	2.052	7.168	2.294	7.840	2.656	10.304	3.109	11.872	3.486	13.216	3.757
PEAD-SM125JA(L)2	15	8.573	2.276	9.315	2.507	10.395	2.893	13.635	3.471	15.390	3.857	17.145	4.166
	20	8.235	2.468	8.910	2.700	9.855	3.124	13.163	3.741	14.850	4.166	16.538	4.474
	25	7.965	2.623	8.640	2.931	9.450	3.394	12.420	3.973	14.310	4.455	15.930	4.802
PEAD-SM140JA(L)2	15	9.525	2.528	10.350	2.785	11.550	3.214	15.150	3.857	17.100	4.285	19.050	4.628
	20	9.150	2.742	9.900	3.000	10.950	3.471	14.625	4.156	16.500	4.628	18.375	4.971
	25	8.850	2.914	9.600	3.257	10.500	3.771	13.800	4.414	15.900	4.949	17.700	5.335

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.6.5.2 R410A type
COOLING CAPACITY
PEAD-M100JA(L)2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	7.227	0.73	2.32	9.600	7.008	0.73	2.45	9.300	6.789	0.73	2.60
20	18	10.600	6.466	0.61	2.37	10.300	6.283	0.61	2.50	9.950	6.070	0.61	2.67
20	20	11.400	5.586	0.49	2.44	11.150	5.464	0.49	2.56	10.850	5.317	0.49	2.73
22	16	9.900	8.019	0.81	2.32	9.600	7.776	0.81	2.45	9.300	7.533	0.81	2.60
22	18	10.600	7.314	0.69	2.37	10.300	7.107	0.69	2.50	9.950	6.866	0.69	2.67
22	20	11.400	6.498	0.57	2.44	11.150	6.356	0.57	2.56	10.850	6.185	0.57	2.73
24	16	9.900	8.811	0.89	2.32	9.600	8.544	0.89	2.45	9.300	8.277	0.89	2.60
24	18	10.600	8.162	0.77	2.37	10.300	7.931	0.77	2.50	9.950	7.662	0.77	2.67
24	20	11.400	7.410	0.65	2.44	11.150	7.248	0.65	2.56	10.850	7.053	0.65	2.73
24	22	12.150	6.440	0.53	2.50	11.900	6.307	0.53	2.64	11.600	6.148	0.53	2.82
26	16	9.900	9.603	0.97	2.32	9.600	9.312	0.97	2.45	9.300	9.021	0.97	2.60
26	18	10.600	9.010	0.85	2.37	10.300	8.755	0.85	2.50	9.950	8.458	0.85	2.67
26	20	11.400	8.322	0.73	2.44	11.150	8.140	0.73	2.56	10.850	7.921	0.73	2.73
26	22	12.150	7.412	0.61	2.50	11.900	7.259	0.61	2.64	11.600	7.076	0.61	2.82
27	16	9.900	9.900	1.00	2.32	9.600	9.600	1.00	2.45	9.300	9.300	1.00	2.60
27	18	10.600	9.434	0.89	2.37	10.300	9.167	0.89	2.50	9.950	8.856	0.89	2.67
27	20	11.400	8.778	0.77	2.44	11.150	8.586	0.77	2.56	10.850	8.355	0.77	2.73
27	22	12.150	7.898	0.65	2.50	11.900	7.735	0.65	2.64	11.600	7.540	0.65	2.82
28	16	9.900	9.900	1.00	2.32	9.600	9.600	1.00	2.45	9.300	9.300	1.00	2.60
28	18	10.600	9.858	0.93	2.37	10.300	9.579	0.93	2.50	9.950	9.254	0.93	2.67
28	20	11.400	9.234	0.81	2.44	11.150	9.032	0.81	2.56	10.850	8.789	0.81	2.73
28	22	12.150	8.384	0.69	2.50	11.900	8.211	0.69	2.64	11.600	8.004	0.69	2.82
30	16	9.900	9.900	1.00	2.32	9.600	9.600	1.00	2.45	9.300	9.300	1.00	2.60
30	18	10.600	10.600	1.00	2.37	10.300	10.300	1.00	2.50	9.950	9.950	1.00	2.67
30	20	11.400	10.146	0.89	2.44	11.150	9.924	0.89	2.56	10.850	9.657	0.89	2.73
30	22	12.150	9.356	0.77	2.50	11.900	9.163	0.77	2.64	11.600	8.932	0.77	2.82
32	16	9.900	9.900	1.00	2.32	9.600	9.600	1.00	2.45	9.300	9.300	1.00	2.60
32	18	10.600	10.600	1.00	2.37	10.300	10.300	1.00	2.50	9.950	9.950	1.00	2.67
32	20	11.400	11.058	0.97	2.44	11.150	10.816	0.97	2.56	10.850	10.525	0.97	2.73
32	22	12.150	10.328	0.85	2.50	11.900	10.115	0.85	2.64	11.600	9.860	0.85	2.82
34	16	9.900	9.900	1.00	2.32	9.600	9.600	1.00	2.45	9.300	9.300	1.00	2.60
34	18	10.600	10.600	1.00	2.37	10.300	10.300	1.00	2.50	9.950	9.950	1.00	2.67
34	20	11.400	11.400	1.00	2.44	11.150	11.150	1.00	2.56	10.850	10.850	1.00	2.73
34	22	12.150	11.300	0.93	2.50	11.900	11.067	0.93	2.64	11.600	10.788	0.93	2.82

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	6.497	0.73	2.79	8.500	6.205	0.73	2.99	8.100	5.913	0.73	3.24
20	18	9.600	5.856	0.61	2.86	9.300	5.673	0.61	3.08	8.700	5.307	0.61	3.31
20	20	10.400	5.096	0.49	2.93	10.000	4.900	0.49	3.14	9.400	4.606	0.49	3.37
22	16	8.900	7.209	0.81	2.79	8.500	6.885	0.81	2.99	8.100	6.561	0.81	3.24
22	18	9.600	6.624	0.69	2.86	9.300	6.417	0.69	3.08	8.700	6.003	0.69	3.31
22	20	10.400	5.928	0.57	2.93	10.000	5.700	0.57	3.14	9.400	5.358	0.57	3.37
24	16	8.900	7.921	0.89	2.79	8.500	7.565	0.89	2.99	8.100	7.209	0.89	3.24
24	18	9.600	7.392	0.77	2.86	9.300	7.161	0.77	3.08	8.700	6.699	0.77	3.31
24	20	10.400	6.760	0.65	2.93	10.000	6.500	0.65	3.14	9.400	6.110	0.65	3.37
24	22	11.200	5.936	0.53	2.99	10.800	5.724	0.53	3.22	10.200	5.406	0.53	3.43
26	16	8.900	8.633	0.97	2.79	8.500	8.245	0.97	2.99	8.100	7.857	0.97	3.24
26	18	9.600	8.160	0.85	2.86	9.300	7.905	0.85	3.08	8.700	7.395	0.85	3.31
26	20	10.400	7.592	0.73	2.93	10.000	7.300	0.73	3.14	9.400	6.862	0.73	3.37
26	22	11.200	6.832	0.61	2.99	10.800	6.588	0.61	3.22	10.200	6.222	0.61	3.43
27	16	8.900	8.900	1.00	2.79	8.500	8.500	1.00	2.99	8.100	8.100	1.00	3.24
27	18	9.600	8.544	0.89	2.86	9.300	8.277	0.89	3.08	8.700	7.743	0.89	3.31
27	20	10.400	8.008	0.77	2.93	10.000	7.700	0.77	3.14	9.400	7.238	0.77	3.37
27	22	11.200	7.280	0.65	2.99	10.800	7.020	0.65	3.22	10.200	6.630	0.65	3.43
28	16	8.900	8.900	1.00	2.79	8.500	8.500	1.00	2.99	8.100	8.100	1.00	3.24
28	18	9.600	8.928	0.93	2.86	9.300	8.649	0.93	3.08	8.700	8.091	0.93	3.31
28	20	10.400	8.424	0.81	2.93	10.000	8.100	0.81	3.14	9.400	7.614	0.81	3.37
28	22	11.200	7.728	0.69	2.99	10.800	7.452	0.69	3.22	10.200	7.038	0.69	3.43
30	16	8.900	8.900	1.00	2.79	8.500	8.500	1.00	2.99	8.100	8.100	1.00	3.24
30	18	9.600	9.600	1.00	2.86	9.300	9.300	1.00	3.08	8.700	8.700	1.00	3.31
30	20	10.400	9.256	0.89	2.93	10.000	8.900	0.89	3.14	9.400	8.366	0.89	3.37
30	22	11.200	8.624	0.77	2.99	10.800	8.316	0.77	3.22	10.200	7.854	0.77	3.43
32	16	8.900	8.900	1.00	2.79	8.500	8.500	1.00	2.99	8.100	8.100	1.00	3.24
32	18	9.600	9.600	1.00	2.86	9.300	9.300	1.00	3.08	8.700	8.700	1.00	3.31
32	20	10.400	10.088	0.97	2.93	10.000	9.700	0.97	3.14	9.400	9.118	0.97	3.37
32	22	11.200	9.520	0.85	2.99	10.800	9.180	0.85	3.22	10.200	8.670	0.85	3.43
34	16	8.900	8.900	1.00	2.79	8.500	8.500	1.00	2.99	8.100	8.100	1.00	3.24
34	18	9.600	9.600	1.00	2.86	9.300	9.300	1.00	3.08	8.700	8.700	1.00	3.31
34	20	10.400	10.400	1.00	2.93	10.000	10.000	1.00	3.14	9.400	9.400	1.00	3.37
34	22	11.200	10.416	0.93	2.99	10.800	10.044	0.93	3.22	10.200	9.486	0.93	3.43

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.673	0.75	0.696	3.456	2.592	0.75	0.735	3.348	2.511	0.75	0.779
20	18	3.816	2.404	0.63	0.709	3.708	2.336	0.63	0.748	3.582	2.257	0.63	0.800
20	20	4.104	2.093	0.51	0.731	4.014	2.047	0.51	0.766	3.906	1.992	0.51	0.818
22	16	3.564	2.958	0.83	0.696	3.456	2.868	0.83	0.735	3.348	2.779	0.83	0.779
22	18	3.816	2.709	0.71	0.709	3.708	2.633	0.71	0.748	3.582	2.543	0.71	0.800
22	20	4.104	2.421	0.59	0.731	4.014	2.368	0.59	0.766	3.906	2.305	0.59	0.818
24	16	3.564	3.243	0.91	0.696	3.456	3.145	0.91	0.735	3.348	3.047	0.91	0.779
24	18	3.816	3.015	0.79	0.709	3.708	2.929	0.79	0.748	3.582	2.830	0.79	0.800
24	20	4.104	2.750	0.67	0.731	4.014	2.689	0.67	0.766	3.906	2.617	0.67	0.818
24	22	4.374	2.406	0.55	0.748	4.284	2.356	0.55	0.792	4.176	2.297	0.55	0.844
26	16	3.564	3.528	0.99	0.696	3.456	3.421	0.99	0.735	3.348	3.315	0.99	0.779
26	18	3.816	3.320	0.87	0.709	3.708	3.226	0.87	0.748	3.582	3.116	0.87	0.800
26	20	4.104	3.078	0.75	0.731	4.014	3.011	0.75	0.766	3.906	2.930	0.75	0.818
26	22	4.374	2.756	0.63	0.748	4.284	2.699	0.63	0.792	4.176	2.631	0.63	0.844
27	16	3.564	3.564	1.00	0.696	3.456	3.456	1.00	0.735	3.348	3.348	1.00	0.779
27	18	3.816	3.473	0.91	0.709	3.708	3.374	0.91	0.748	3.582	3.260	0.91	0.800
27	20	4.104	3.242	0.79	0.731	4.014	3.171	0.79	0.766	3.906	3.086	0.79	0.818
27	22	4.374	2.931	0.67	0.748	4.284	2.870	0.67	0.792	4.176	2.798	0.67	0.844
28	16	3.564	3.564	1.00	0.696	3.456	3.456	1.00	0.735	3.348	3.348	1.00	0.779
28	18	3.816	3.625	0.95	0.709	3.708	3.523	0.95	0.748	3.582	3.403	0.95	0.800
28	20	4.104	3.406	0.83	0.731	4.014	3.332	0.83	0.766	3.906	3.242	0.83	0.818
28	22	4.374	3.106	0.71	0.748	4.284	3.042	0.71	0.792	4.176	2.965	0.71	0.844
30	16	3.564	3.564	1.00	0.696	3.456	3.456	1.00	0.735	3.348	3.348	1.00	0.779
30	18	3.816	3.816	1.00	0.709	3.708	3.708	1.00	0.748	3.582	3.582	1.00	0.800
30	20	4.104	3.735	0.91	0.731	4.014	3.653	0.91	0.766	3.906	3.554	0.91	0.818
30	22	4.374	3.455	0.79	0.748	4.284	3.384	0.79	0.792	4.176	3.299	0.79	0.844
32	16	3.564	3.564	1.00	0.696	3.456	3.456	1.00	0.735	3.348	3.348	1.00	0.779
32	18	3.816	3.816	1.00	0.709	3.708	3.708	1.00	0.748	3.582	3.582	1.00	0.800
32	20	4.104	4.063	0.99	0.731	4.014	3.974	0.99	0.766	3.906	3.867	0.99	0.818
32	22	4.374	3.805	0.87	0.748	4.284	3.727	0.87	0.792	4.176	3.633	0.87	0.844
34	16	3.564	3.564	1.00	0.696	3.456	3.456	1.00	0.735	3.348	3.348	1.00	0.779
34	18	3.816	3.816	1.00	0.709	3.708	3.708	1.00	0.748	3.582	3.582	1.00	0.800
34	20	4.104	4.104	1.00	0.731	4.014	4.014	1.00	0.766	3.906	3.906	1.00	0.818
34	22	4.374	4.155	0.95	0.748	4.284	4.070	0.95	0.792	4.176	3.967	0.95	0.844

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.403	0.75	0.835	3.060	2.295	0.75	0.896	2.916	2.187	0.75	0.970
20	18	3.456	2.177	0.63	0.857	3.348	2.109	0.63	0.922	3.132	1.973	0.63	0.992
20	20	3.744	1.909	0.51	0.879	3.600	1.836	0.51	0.940	3.384	1.726	0.51	1.009
22	16	3.204	2.659	0.83	0.835	3.060	2.540	0.83	0.896	2.916	2.420	0.83	0.970
22	18	3.456	2.454	0.71	0.857	3.348	2.377	0.71	0.922	3.132	2.224	0.71	0.992
22	20	3.744	2.209	0.59	0.879	3.600	2.124	0.59	0.940	3.384	1.997	0.59	1.009
24	16	3.204	2.916	0.91	0.835	3.060	2.785	0.91	0.896	2.916	2.654	0.91	0.970
24	18	3.456	2.730	0.79	0.857	3.348	2.645	0.79	0.922	3.132	2.474	0.79	0.992
24	20	3.744	2.508	0.67	0.879	3.600	2.412	0.67	0.940	3.384	2.267	0.67	1.009
24	22	4.032	2.218	0.55	0.896	3.888	2.138	0.55	0.966	3.672	2.020	0.55	1.027
26	16	3.204	3.172	0.99	0.835	3.060	3.029	0.99	0.896	2.916	2.887	0.99	0.970
26	18	3.456	3.007	0.87	0.857	3.348	2.913	0.87	0.922	3.132	2.725	0.87	0.992
26	20	3.744	2.808	0.75	0.879	3.600	2.700	0.75	0.940	3.384	2.538	0.75	1.009
26	22	4.032	2.540	0.63	0.896	3.888	2.449	0.63	0.966	3.672	2.313	0.63	1.027
27	16	3.204	3.204	1.00	0.835	3.060	3.060	1.00	0.896	2.916	2.916	1.00	0.970
27	18	3.456	3.145	0.91	0.857	3.348	3.047	0.91	0.922	3.132	2.850	0.91	0.992
27	20	3.744	2.958	0.79	0.879	3.600	2.844	0.79	0.940	3.384	2.673	0.79	1.009
27	22	4.032	2.701	0.67	0.896	3.888	2.605	0.67	0.966	3.672	2.460	0.67	1.027
28	16	3.204	3.204	1.00	0.835	3.060	3.060	1.00	0.896	2.916	2.916	1.00	0.970
28	18	3.456	3.283	0.95	0.857	3.348	3.181	0.95	0.922	3.132	2.975	0.95	0.992
28	20	3.744	3.108	0.83	0.879	3.600	2.988	0.83	0.940	3.384	2.809	0.83	1.009
28	22	4.032	2.863	0.71	0.896	3.888	2.760	0.71	0.966	3.672	2.607	0.71	1.027
30	16	3.204	3.204	1.00	0.835	3.060	3.060	1.00	0.896	2.916	2.916	1.00	0.970
30	18	3.456	3.456	1.00	0.857	3.348	3.348	1.00	0.922	3.132	3.132	1.00	0.992
30	20	3.744	3.407	0.91	0.879	3.600	3.276	0.91	0.940	3.384	3.079	0.91	1.009
30	22	4.032	3.185	0.79	0.896	3.888	3.072	0.79	0.966	3.672	2.901	0.79	1.027
32	16	3.204	3.204	1.00	0.835	3.060	3.060	1.00	0.896	2.916	2.916	1.00	0.970
32	18	3.456	3.456	1.00	0.857	3.348	3.348	1.00	0.922	3.132	3.132	1.00	0.992
32	20	3.744	3.707	0.99	0.879	3.600	3.564	0.99	0.940	3.384	3.350	0.99	1.009
32	22	4.032	3.508	0.87	0.896	3.888	3.383	0.87	0.966	3.672	3.195	0.87	1.027
34	16	3.204	3.204	1.00	0.835	3.060	3.060	1.00	0.896	2.916	2.916	1.00	0.970
34	18	3.456	3.456	1.00	0.857	3.348	3.348	1.00	0.922	3.132	3.132	1.00	0.992
34	20	3.744	3.744	1.00	0.879	3.600	3.600	1.00	0.940	3.384	3.384	1.00	1.009
34	22	4.032	3.830	0.95	0.896	3.888	3.694	0.95	0.966	3.672	3.488	0.95	1.027

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / PUHZ-ZRP50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.663	0.74	1.136	4.800	3.552	0.74	1.200	4.650	3.441	0.74	1.271
20	18	5.300	3.286	0.62	1.157	5.150	3.193	0.62	1.221	4.975	3.085	0.62	1.306
20	20	5.700	2.850	0.50	1.193	5.575	2.788	0.50	1.250	5.425	2.713	0.50	1.335
22	16	4.950	4.059	0.82	1.136	4.800	3.936	0.82	1.200	4.650	3.813	0.82	1.271
22	18	5.300	3.710	0.70	1.157	5.150	3.605	0.70	1.221	4.975	3.483	0.70	1.306
22	20	5.700	3.306	0.58	1.193	5.575	3.234	0.58	1.250	5.425	3.147	0.58	1.335
24	16	4.950	4.455	0.90	1.136	4.800	4.320	0.90	1.200	4.650	4.185	0.90	1.271
24	18	5.300	4.134	0.78	1.157	5.150	4.017	0.78	1.221	4.975	3.881	0.78	1.306
24	20	5.700	3.762	0.66	1.193	5.575	3.680	0.66	1.250	5.425	3.581	0.66	1.335
24	22	6.075	3.281	0.54	1.221	5.950	3.213	0.54	1.292	5.800	3.132	0.54	1.377
26	16	4.950	4.851	0.98	1.136	4.800	4.704	0.98	1.200	4.650	4.557	0.98	1.271
26	18	5.300	4.558	0.86	1.157	5.150	4.429	0.86	1.221	4.975	4.279	0.86	1.306
26	20	5.700	4.218	0.74	1.193	5.575	4.126	0.74	1.250	5.425	4.015	0.74	1.335
26	22	6.075	3.767	0.62	1.221	5.950	3.689	0.62	1.292	5.800	3.596	0.62	1.377
27	16	4.950	4.950	1.00	1.136	4.800	4.800	1.00	1.200	4.650	4.650	1.00	1.271
27	18	5.300	4.770	0.90	1.157	5.150	4.635	0.90	1.221	4.975	4.478	0.90	1.306
27	20	5.700	4.446	0.78	1.193	5.575	4.349	0.78	1.250	5.425	4.232	0.78	1.335
27	22	6.075	4.010	0.66	1.221	5.950	3.927	0.66	1.292	5.800	3.828	0.66	1.377
28	16	4.950	4.950	1.00	1.136	4.800	4.800	1.00	1.200	4.650	4.650	1.00	1.271
28	18	5.300	4.982	0.94	1.157	5.150	4.841	0.94	1.221	4.975	4.677	0.94	1.306
28	20	5.700	4.674	0.82	1.193	5.575	4.572	0.82	1.250	5.425	4.449	0.82	1.335
28	22	6.075	4.253	0.70	1.221	5.950	4.165	0.70	1.292	5.800	4.060	0.70	1.377
30	16	4.950	4.950	1.00	1.136	4.800	4.800	1.00	1.200	4.650	4.650	1.00	1.271
30	18	5.300	5.300	1.00	1.157	5.150	5.150	1.00	1.221	4.975	4.975	1.00	1.306
30	20	5.700	5.130	0.90	1.193	5.575	5.018	0.90	1.250	5.425	4.883	0.90	1.335
30	22	6.075	4.739	0.78	1.221	5.950	4.641	0.78	1.292	5.800	4.524	0.78	1.377
32	16	4.950	4.950	1.00	1.136	4.800	4.800	1.00	1.200	4.650	4.650	1.00	1.271
32	18	5.300	5.300	1.00	1.157	5.150	5.150	1.00	1.221	4.975	4.975	1.00	1.306
32	20	5.700	5.586	0.98	1.193	5.575	5.464	0.98	1.250	5.425	5.317	0.98	1.335
32	22	6.075	5.225	0.86	1.221	5.950	5.117	0.86	1.292	5.800	4.988	0.86	1.377
34	16	4.950	4.950	1.00	1.136	4.800	4.800	1.00	1.200	4.650	4.650	1.00	1.271
34	18	5.300	5.300	1.00	1.157	5.150	5.150	1.00	1.221	4.975	4.975	1.00	1.306
34	20	5.700	5.700	1.00	1.193	5.575	5.575	1.00	1.250	5.425	5.425	1.00	1.335
34	22	6.075	5.711	0.94	1.221	5.950	5.593	0.94	1.292	5.800	5.452	0.94	1.377

CEILING-
CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.293	0.74	1.363	4.250	3.145	0.74	1.463	4.050	2.997	0.74	1.583
20	18	4.800	2.976	0.62	1.399	4.650	2.883	0.62	1.505	4.350	2.697	0.62	1.619
20	20	5.200	2.600	0.50	1.434	5.000	2.500	0.50	1.534	4.700	2.350	0.50	1.647
22	16	4.450	3.649	0.82	1.363	4.250	3.485	0.82	1.463	4.050	3.321	0.82	1.583
22	18	4.800	3.360	0.70	1.399	4.650	3.255	0.70	1.505	4.350	3.045	0.70	1.619
22	20	5.200	3.016	0.58	1.434	5.000	2.900	0.58	1.534	4.700	2.726	0.58	1.647
24	16	4.450	4.005	0.90	1.363	4.250	3.825	0.90	1.463	4.050	3.645	0.90	1.583
24	18	4.800	3.744	0.78	1.399	4.650	3.627	0.78	1.505	4.350	3.393	0.78	1.619
24	20	5.200	3.432	0.66	1.434	5.000	3.300	0.66	1.534	4.700	3.102	0.66	1.647
24	22	5.600	3.024	0.54	1.463	5.400	2.916	0.54	1.576	5.100	2.754	0.54	1.676
26	16	4.450	4.361	0.98	1.363	4.250	4.165	0.98	1.463	4.050	3.969	0.98	1.583
26	18	4.800	4.128	0.86	1.399	4.650	3.999	0.86	1.505	4.350	3.741	0.86	1.619
26	20	5.200	3.848	0.74	1.434	5.000	3.700	0.74	1.534	4.700	3.478	0.74	1.647
26	22	5.600	3.472	0.62	1.463	5.400	3.348	0.62	1.576	5.100	3.162	0.62	1.676
27	16	4.450	4.450	1.00	1.363	4.250	4.250	1.00	1.463	4.050	4.050	1.00	1.583
27	18	4.800	4.320	0.90	1.399	4.650	4.185	0.90	1.505	4.350	3.915	0.90	1.619
27	20	5.200	4.056	0.78	1.434	5.000	3.900	0.78	1.534	4.700	3.666	0.78	1.647
27	22	5.600	3.696	0.66	1.463	5.400	3.564	0.66	1.576	5.100	3.366	0.66	1.676
28	16	4.450	4.450	1.00	1.363	4.250	4.250	1.00	1.463	4.050	4.050	1.00	1.583
28	18	4.800	4.512	0.94	1.399	4.650	4.371	0.94	1.505	4.350	4.089	0.94	1.619
28	20	5.200	4.264	0.82	1.434	5.000	4.100	0.82	1.534	4.700	3.854	0.82	1.647
28	22	5.600	3.920	0.70	1.463	5.400	3.780	0.70	1.576	5.100	3.570	0.70	1.676
30	16	4.450	4.450	1.00	1.363	4.250	4.250	1.00	1.463	4.050	4.050	1.00	1.583
30	18	4.800	4.800	1.00	1.399	4.650	4.650	1.00	1.505	4.350	4.350	1.00	1.619
30	20	5.200	4.680	0.90	1.434	5.000	4.500	0.90	1.534	4.700	4.230	0.90	1.647
30	22	5.600	4.368	0.78	1.463	5.400	4.212	0.78	1.576	5.100	3.978	0.78	1.676
32	16	4.450	4.450	1.00	1.363	4.250	4.250	1.00	1.463	4.050	4.050	1.00	1.583
32	18	4.800	4.800	1.00	1.399	4.650	4.650	1.00	1.505	4.350	4.350	1.00	1.619
32	20	5.200	5.096	0.98	1.434	5.000	4.900	0.98	1.534	4.700	4.606	0.98	1.647
32	22	5.600	4.816	0.86	1.463	5.400	4.644	0.86	1.576	5.100	4.386	0.86	1.676
34	16	4.450	4.450	1.00	1.363	4.250	4.250	1.00	1.463	4.050	4.050	1.00	1.583
34	18	4.800	4.800	1.00	1.399	4.650	4.650	1.00	1.505	4.350	4.350	1.00	1.619
34	20	5.200	5.200	1.00	1.434	5.000	5.000	1.00	1.534	4.700	4.700	1.00	1.647
34	22	5.600	5.264	0.94	1.463	5.400	5.076	0.94	1.576	5.100	4.794	0.94	1.676

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.408	0.73	1.304	5.856	4.275	0.73	1.377	5.673	4.141	0.73	1.459
20	18	6.466	3.944	0.61	1.328	6.283	3.833	0.61	1.402	6.070	3.703	0.61	1.500
20	20	6.954	3.407	0.49	1.369	6.802	3.333	0.49	1.434	6.619	3.243	0.49	1.532
22	16	6.039	4.892	0.81	1.304	5.856	4.743	0.81	1.377	5.673	4.595	0.81	1.459
22	18	6.466	4.462	0.69	1.328	6.283	4.335	0.69	1.402	6.070	4.188	0.69	1.500
22	20	6.954	3.964	0.57	1.369	6.802	3.877	0.57	1.434	6.619	3.773	0.57	1.532
24	16	6.039	5.375	0.89	1.304	5.856	5.212	0.89	1.377	5.673	5.049	0.89	1.459
24	18	6.466	4.979	0.77	1.328	6.283	4.838	0.77	1.402	6.070	4.674	0.77	1.500
24	20	6.954	4.520	0.65	1.369	6.802	4.421	0.65	1.434	6.619	4.302	0.65	1.532
24	22	7.412	3.928	0.53	1.402	7.259	3.847	0.53	1.483	7.076	3.750	0.53	1.581
26	16	6.039	5.858	0.97	1.304	5.856	5.680	0.97	1.377	5.673	5.503	0.97	1.459
26	18	6.466	5.496	0.85	1.328	6.283	5.341	0.85	1.402	6.070	5.160	0.85	1.500
26	20	6.954	5.076	0.73	1.369	6.802	4.965	0.73	1.434	6.619	4.832	0.73	1.532
26	22	7.412	4.521	0.61	1.402	7.259	4.428	0.61	1.483	7.076	4.316	0.61	1.581
27	16	6.039	6.039	1.00	1.304	5.856	5.856	1.00	1.377	5.673	5.673	1.00	1.459
27	18	6.466	5.755	0.89	1.328	6.283	5.592	0.89	1.402	6.070	5.402	0.89	1.500
27	20	6.954	5.355	0.77	1.369	6.802	5.238	0.77	1.434	6.619	5.097	0.77	1.532
27	22	7.412	4.818	0.65	1.402	7.259	4.718	0.65	1.483	7.076	4.599	0.65	1.581
28	16	6.039	6.039	1.00	1.304	5.856	5.856	1.00	1.377	5.673	5.673	1.00	1.459
28	18	6.466	6.013	0.93	1.328	6.283	5.843	0.93	1.402	6.070	5.645	0.93	1.500
28	20	6.954	5.633	0.81	1.369	6.802	5.510	0.81	1.434	6.619	5.361	0.81	1.532
28	22	7.412	5.114	0.69	1.402	7.259	5.009	0.69	1.483	7.076	4.882	0.69	1.581
30	16	6.039	6.039	1.00	1.304	5.856	5.856	1.00	1.377	5.673	5.673	1.00	1.459
30	18	6.466	6.466	1.00	1.328	6.283	6.283	1.00	1.402	6.070	6.070	1.00	1.500
30	20	6.954	6.189	0.89	1.369	6.802	6.054	0.89	1.434	6.619	5.891	0.89	1.532
30	22	7.412	5.707	0.77	1.402	7.259	5.589	0.77	1.483	7.076	5.449	0.77	1.581
32	16	6.039	6.039	1.00	1.304	5.856	5.856	1.00	1.377	5.673	5.673	1.00	1.459
32	18	6.466	6.466	1.00	1.328	6.283	6.283	1.00	1.402	6.070	6.070	1.00	1.500
32	20	6.954	6.745	0.97	1.369	6.802	6.598	0.97	1.434	6.619	6.420	0.97	1.532
32	22	7.412	6.300	0.85	1.402	7.259	6.170	0.85	1.483	7.076	6.015	0.85	1.581
34	16	6.039	6.039	1.00	1.304	5.856	5.856	1.00	1.377	5.673	5.673	1.00	1.459
34	18	6.466	6.466	1.00	1.328	6.283	6.283	1.00	1.402	6.070	6.070	1.00	1.500
34	20	6.954	6.954	1.00	1.369	6.802	6.802	1.00	1.434	6.619	6.619	1.00	1.532
34	22	7.412	6.893	0.93	1.402	7.259	6.751	0.93	1.483	7.076	6.581	0.93	1.581

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.963	0.73	1.565	5.185	3.785	0.73	1.679	4.941	3.607	0.73	1.817
20	18	5.856	3.572	0.61	1.606	5.673	3.461	0.61	1.728	5.307	3.237	0.61	1.858
20	20	6.344	3.109	0.49	1.646	6.100	2.989	0.49	1.760	5.734	2.810	0.49	1.891
22	16	5.429	4.397	0.81	1.565	5.185	4.200	0.81	1.679	4.941	4.002	0.81	1.817
22	18	5.856	4.041	0.69	1.606	5.673	3.914	0.69	1.728	5.307	3.662	0.69	1.858
22	20	6.344	3.616	0.57	1.646	6.100	3.477	0.57	1.760	5.734	3.268	0.57	1.891
24	16	5.429	4.832	0.89	1.565	5.185	4.615	0.89	1.679	4.941	4.397	0.89	1.817
24	18	5.856	4.509	0.77	1.606	5.673	4.368	0.77	1.728	5.307	4.086	0.77	1.858
24	20	6.344	4.124	0.65	1.646	6.100	3.965	0.65	1.760	5.734	3.727	0.65	1.891
24	22	6.832	3.621	0.53	1.679	6.588	3.492	0.53	1.809	6.222	3.298	0.53	1.923
26	16	5.429	5.266	0.97	1.565	5.185	5.029	0.97	1.679	4.941	4.793	0.97	1.817
26	18	5.856	4.978	0.85	1.606	5.673	4.822	0.85	1.728	5.307	4.511	0.85	1.858
26	20	6.344	4.631	0.73	1.646	6.100	4.453	0.73	1.760	5.734	4.186	0.73	1.891
26	22	6.832	4.168	0.61	1.679	6.588	4.019	0.61	1.809	6.222	3.795	0.61	1.923
27	16	5.429	5.429	1.00	1.565	5.185	5.185	1.00	1.679	4.941	4.941	1.00	1.817
27	18	5.856	5.212	0.89	1.606	5.673	5.049	0.89	1.728	5.307	4.723	0.89	1.858
27	20	6.344	4.885	0.77	1.646	6.100	4.697	0.77	1.760	5.734	4.415	0.77	1.891
27	22	6.832	4.441	0.65	1.679	6.588	4.282	0.65	1.809	6.222	4.044	0.65	1.923
28	16	5.429	5.429	1.00	1.565	5.185	5.185	1.00	1.679	4.941	4.941	1.00	1.817
28	18	5.856	5.446	0.93	1.606	5.673	5.276	0.93	1.728	5.307	4.936	0.93	1.858
28	20	6.344	5.139	0.81	1.646	6.100	4.941	0.81	1.760	5.734	4.645	0.81	1.891
28	22	6.832	4.714	0.69	1.679	6.588	4.546	0.69	1.809	6.222	4.293	0.69	1.923
30	16	5.429	5.429	1.00	1.565	5.185	5.185	1.00	1.679	4.941	4.941	1.00	1.817
30	18	5.856	5.856	1.00	1.606	5.673	5.673	1.00	1.728	5.307	5.307	1.00	1.858
30	20	6.344	5.646	0.89	1.646	6.100	5.429	0.89	1.760	5.734	5.103	0.89	1.891
30	22	6.832	5.261	0.77	1.679	6.588	5.073	0.77	1.809	6.222	4.791	0.77	1.923
32	16	5.429	5.429	1.00	1.565	5.185	5.185	1.00	1.679	4.941	4.941	1.00	1.817
32	18	5.856	5.856	1.00	1.606	5.673	5.673	1.00	1.728	5.307	5.307	1.00	1.858
32	20	6.344	6.154	0.97	1.646	6.100	5.917	0.97	1.760	5.734	5.562	0.97	1.891
32	22	6.832	5.807	0.85	1.679	6.588	5.600	0.85	1.809	6.222	5.289	0.85	1.923
34	16	5.429	5.429	1.00	1.565	5.185	5.185	1.00	1.679	4.941	4.941	1.00	1.817
34	18	5.856	5.856	1.00	1.606	5.673	5.673	1.00	1.728	5.307	5.307	1.00	1.858
34	20	6.344	6.344	1.00	1.646	6.100	6.100	1.00	1.760	5.734	5.734	1.00	1.891
34	22	6.832	6.354	0.93	1.679	6.588	6.127	0.93	1.809	6.222	5.786	0.93	1.923

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.920	0.70	1.592	6.816	4.771	0.70	1.682	6.603	4.622	0.70	1.781
20	18	7.526	4.365	0.58	1.622	7.313	4.242	0.58	1.711	7.065	4.098	0.58	1.831
20	20	8.094	3.723	0.46	1.672	7.917	3.642	0.46	1.751	7.704	3.544	0.46	1.871
22	16	7.029	5.483	0.78	1.592	6.816	5.316	0.78	1.682	6.603	5.150	0.78	1.781
22	18	7.526	4.967	0.66	1.622	7.313	4.827	0.66	1.711	7.065	4.663	0.66	1.831
22	20	8.094	4.371	0.54	1.672	7.917	4.275	0.54	1.751	7.704	4.160	0.54	1.871
24	16	7.029	6.045	0.86	1.592	6.816	5.862	0.86	1.682	6.603	5.679	0.86	1.781
24	18	7.526	5.569	0.74	1.622	7.313	5.412	0.74	1.711	7.065	5.228	0.74	1.831
24	20	8.094	5.018	0.62	1.672	7.917	4.909	0.62	1.751	7.704	4.776	0.62	1.871
24	22	8.627	4.314	0.50	1.711	8.449	4.225	0.50	1.811	8.236	4.118	0.50	1.930
26	16	7.029	6.607	0.94	1.592	6.816	6.407	0.94	1.682	6.603	6.207	0.94	1.781
26	18	7.526	6.171	0.82	1.622	7.313	5.997	0.82	1.711	7.065	5.793	0.82	1.831
26	20	8.094	5.666	0.70	1.672	7.917	5.542	0.70	1.751	7.704	5.393	0.70	1.871
26	22	8.627	5.004	0.58	1.711	8.449	4.900	0.58	1.811	8.236	4.777	0.58	1.930
27	16	7.029	6.888	0.98	1.592	6.816	6.680	0.98	1.682	6.603	6.471	0.98	1.781
27	18	7.526	6.472	0.86	1.622	7.313	6.289	0.86	1.711	7.065	6.076	0.86	1.831
27	20	8.094	5.990	0.74	1.672	7.917	5.859	0.74	1.751	7.704	5.701	0.74	1.871
27	22	8.627	5.349	0.62	1.711	8.449	5.238	0.62	1.811	8.236	5.106	0.62	1.930
28	16	7.029	7.029	1.00	1.592	6.816	6.816	1.00	1.682	6.603	6.603	1.00	1.781
28	18	7.526	6.773	0.90	1.622	7.313	6.582	0.90	1.711	7.065	6.359	0.90	1.831
28	20	8.094	6.313	0.78	1.672	7.917	6.175	0.78	1.751	7.704	6.009	0.78	1.871
28	22	8.627	5.694	0.66	1.711	8.449	5.576	0.66	1.811	8.236	5.436	0.66	1.930
30	16	7.029	7.029	1.00	1.592	6.816	6.816	1.00	1.682	6.603	6.603	1.00	1.781
30	18	7.526	7.375	0.98	1.622	7.313	7.167	0.98	1.711	7.065	6.924	0.98	1.831
30	20	8.094	6.961	0.86	1.672	7.917	6.809	0.86	1.751	7.704	6.625	0.86	1.871
30	22	8.627	6.384	0.74	1.711	8.449	6.252	0.74	1.811	8.236	6.095	0.74	1.930
32	16	7.029	7.029	1.00	1.592	6.816	6.816	1.00	1.682	6.603	6.603	1.00	1.781
32	18	7.526	7.526	1.00	1.622	7.313	7.313	1.00	1.711	7.065	7.065	1.00	1.831
32	20	8.094	7.608	0.94	1.672	7.917	7.442	0.94	1.751	7.704	7.242	0.94	1.871
32	22	8.627	7.074	0.82	1.711	8.449	6.928	0.82	1.811	8.236	6.754	0.82	1.930
34	16	7.029	7.029	1.00	1.592	6.816	6.816	1.00	1.682	6.603	6.603	1.00	1.781
34	18	7.526	7.526	1.00	1.622	7.313	7.313	1.00	1.711	7.065	7.065	1.00	1.831
34	20	8.094	8.094	1.00	1.672	7.917	7.917	1.00	1.751	7.704	7.704	1.00	1.871
34	22	8.627	7.764	0.90	1.711	8.449	7.604	0.90	1.811	8.236	7.412	0.90	1.930

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.423	0.70	1.910	6.035	4.225	0.70	2.050	5.751	4.026	0.70	2.219
20	18	6.816	3.953	0.58	1.960	6.603	3.830	0.58	2.109	6.177	3.583	0.58	2.269
20	20	7.384	3.397	0.46	2.010	7.100	3.266	0.46	2.149	6.674	3.070	0.46	2.308
22	16	6.319	4.929	0.78	1.910	6.035	4.707	0.78	2.050	5.751	4.486	0.78	2.219
22	18	6.816	4.499	0.66	1.960	6.603	4.358	0.66	2.109	6.177	4.077	0.66	2.269
22	20	7.384	3.987	0.54	2.010	7.100	3.834	0.54	2.149	6.674	3.604	0.54	2.308
24	16	6.319	5.434	0.86	1.910	6.035	5.190	0.86	2.050	5.751	4.946	0.86	2.219
24	18	6.816	5.044	0.74	1.960	6.603	4.886	0.74	2.109	6.177	4.571	0.74	2.269
24	20	7.384	4.578	0.62	2.010	7.100	4.402	0.62	2.149	6.674	4.138	0.62	2.308
24	22	7.952	3.976	0.50	2.050	7.668	3.834	0.50	2.209	7.242	3.621	0.50	2.348
26	16	6.319	5.940	0.94	1.910	6.035	5.673	0.94	2.050	5.751	5.406	0.94	2.219
26	18	6.816	5.589	0.82	1.960	6.603	5.414	0.82	2.109	6.177	5.065	0.82	2.269
26	20	7.384	5.169	0.70	2.010	7.100	4.970	0.70	2.149	6.674	4.672	0.70	2.308
26	22	7.952	4.612	0.58	2.050	7.668	4.447	0.58	2.209	7.242	4.200	0.58	2.348
27	16	6.319	6.193	0.98	1.910	6.035	5.914	0.98	2.050	5.751	5.636	0.98	2.219
27	18	6.816	5.862	0.86	1.960	6.603	5.679	0.86	2.109	6.177	5.312	0.86	2.269
27	20	7.384	5.464	0.74	2.010	7.100	5.254	0.74	2.149	6.674	4.939	0.74	2.308
27	22	7.952	4.930	0.62	2.050	7.668	4.754	0.62	2.209	7.242	4.490	0.62	2.348
28	16	6.319	6.319	1.00	1.910	6.035	6.035	1.00	2.050	5.751	5.751	1.00	2.219
28	18	6.816	6.134	0.90	1.960	6.603	5.943	0.90	2.109	6.177	5.559	0.90	2.269
28	20	7.384	5.760	0.78	2.010	7.100	5.538	0.78	2.149	6.674	5.206	0.78	2.308
28	22	7.952	5.248	0.66	2.050	7.668	5.061	0.66	2.209	7.242	4.780	0.66	2.348
30	16	6.319	6.319	1.00	1.910	6.035	6.035	1.00	2.050	5.751	5.751	1.00	2.219
30	18	6.816	6.680	0.98	1.960	6.603	6.471	0.98	2.109	6.177	6.053	0.98	2.269
30	20	7.384	6.350	0.86	2.010	7.100	6.106	0.86	2.149	6.674	5.740	0.86	2.308
30	22	7.952	5.884	0.74	2.050	7.668	5.674	0.74	2.209	7.242	5.359	0.74	2.348
32	16	6.319	6.319	1.00	1.910	6.035	6.035	1.00	2.050	5.751	5.751	1.00	2.219
32	18	6.816	6.816	1.00	1.960	6.603	6.603	1.00	2.109	6.177	6.177	1.00	2.269
32	20	7.384	6.941	0.94	2.010	7.100	6.674	0.94	2.149	6.674	6.274	0.94	2.308
32	22	7.952	6.521	0.82	2.050	7.668	6.288	0.82	2.209	7.242	5.938	0.82	2.348
34	16	6.319	6.319	1.00	1.910	6.035	6.035	1.00	2.050	5.751	5.751	1.00	2.219
34	18	6.816	6.816	1.00	1.960	6.603	6.603	1.00	2.109	6.177	6.177	1.00	2.269
34	20	7.384	7.384	1.00	2.010	7.100	7.100	1.00	2.149	6.674	6.674	1.00	2.308
34	22	7.952	7.157	0.90	2.050	7.668	6.901	0.90	2.209	7.242	6.518	0.90	2.348

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M100JA(L)2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	1.944	9.120	6.566	0.72	2.053	8.835	6.361	0.72	2.175
20	18	10.070	6.042	0.60	1.980	9.785	5.871	0.60	2.090	9.453	5.672	0.60	2.236
20	20	10.830	5.198	0.48	2.041	10.593	5.085	0.48	2.138	10.308	4.948	0.48	2.284
22	16	9.405	7.524	0.80	1.944	9.120	7.296	0.80	2.053	8.835	7.068	0.80	2.175
22	18	10.070	6.848	0.68	1.980	9.785	6.654	0.68	2.090	9.453	6.428	0.68	2.236
22	20	10.830	6.065	0.56	2.041	10.593	5.932	0.56	2.138	10.308	5.772	0.56	2.284
24	16	9.405	8.276	0.88	1.944	9.120	8.026	0.88	2.053	8.835	7.775	0.88	2.175
24	18	10.070	7.653	0.76	1.980	9.785	7.437	0.76	2.090	9.453	7.184	0.76	2.236
24	20	10.830	6.931	0.64	2.041	10.593	6.780	0.64	2.138	10.308	6.597	0.64	2.284
24	22	11.543	6.002	0.52	2.090	11.305	5.879	0.52	2.211	11.020	5.730	0.52	2.357
26	16	9.405	9.029	0.96	1.944	9.120	8.755	0.96	2.053	8.835	8.482	0.96	2.175
26	18	10.070	8.459	0.84	1.980	9.785	8.219	0.84	2.090	9.453	7.941	0.84	2.236
26	20	10.830	7.798	0.72	2.041	10.593	7.627	0.72	2.138	10.308	7.422	0.72	2.284
26	22	11.543	6.926	0.60	2.090	11.305	6.783	0.60	2.211	11.020	6.612	0.60	2.357
27	16	9.405	9.405	1.00	1.944	9.120	9.120	1.00	2.053	8.835	8.835	1.00	2.175
27	18	10.070	8.862	0.88	1.980	9.785	8.611	0.88	2.090	9.453	8.319	0.88	2.236
27	20	10.830	8.231	0.76	2.041	10.593	8.051	0.76	2.138	10.308	7.834	0.76	2.284
27	22	11.543	7.388	0.64	2.090	11.305	7.235	0.64	2.211	11.020	7.053	0.64	2.357
28	16	9.405	9.405	1.00	1.944	9.120	9.120	1.00	2.053	8.835	8.835	1.00	2.175
28	18	10.070	9.264	0.92	1.980	9.785	9.002	0.92	2.090	9.453	8.697	0.92	2.236
28	20	10.830	8.664	0.80	2.041	10.593	8.474	0.80	2.138	10.308	8.246	0.80	2.284
28	22	11.543	7.849	0.68	2.090	11.305	7.687	0.68	2.211	11.020	7.494	0.68	2.357
30	16	9.405	9.405	1.00	1.944	9.120	9.120	1.00	2.053	8.835	8.835	1.00	2.175
30	18	10.070	10.070	1.00	1.980	9.785	9.785	1.00	2.090	9.453	9.453	1.00	2.236
30	20	10.830	9.530	0.88	2.041	10.593	9.322	0.88	2.138	10.308	9.071	0.88	2.284
30	22	11.543	8.773	0.76	2.090	11.305	8.592	0.76	2.211	11.020	8.375	0.76	2.357
32	16	9.405	9.405	1.00	1.944	9.120	9.120	1.00	2.053	8.835	8.835	1.00	2.175
32	18	10.070	10.070	1.00	1.980	9.785	9.785	1.00	2.090	9.453	9.453	1.00	2.236
32	20	10.830	10.397	0.96	2.041	10.593	10.169	0.96	2.138	10.308	9.896	0.96	2.284
32	22	11.543	9.696	0.84	2.090	11.305	9.496	0.84	2.211	11.020	9.257	0.84	2.357
34	16	9.405	9.405	1.00	1.944	9.120	9.120	1.00	2.053	8.835	8.835	1.00	2.175
34	18	10.070	10.070	1.00	1.980	9.785	9.785	1.00	2.090	9.453	9.453	1.00	2.236
34	20	10.830	10.830	1.00	2.041	10.593	10.593	1.00	2.138	10.308	10.308	1.00	2.284
34	22	11.543	10.620	0.92	2.090	11.305	10.401	0.92	2.211	11.020	10.138	0.92	2.357

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.333	8.075	5.814	0.72	2.503	7.695	5.540	0.72	2.709
20	18	9.120	5.472	0.60	2.394	8.835	5.301	0.60	2.576	8.265	4.959	0.60	2.770
20	20	9.880	4.742	0.48	2.454	9.500	4.560	0.48	2.624	8.930	4.286	0.48	2.819
22	16	8.455	6.764	0.80	2.333	8.075	6.460	0.80	2.503	7.695	6.156	0.80	2.709
22	18	9.120	6.202	0.68	2.394	8.835	6.008	0.68	2.576	8.265	5.620	0.68	2.770
22	20	9.880	5.533	0.56	2.454	9.500	5.320	0.56	2.624	8.930	5.001	0.56	2.819
24	16	8.455	7.440	0.88	2.333	8.075	7.106	0.88	2.503	7.695	6.772	0.88	2.709
24	18	9.120	6.931	0.76	2.394	8.835	6.715	0.76	2.576	8.265	6.281	0.76	2.770
24	20	9.880	6.323	0.64	2.454	9.500	6.080	0.64	2.624	8.930	5.715	0.64	2.819
24	22	10.640	5.533	0.52	2.503	10.260	5.335	0.52	2.697	9.690	5.039	0.52	2.867
26	16	8.455	8.117	0.96	2.333	8.075	7.752	0.96	2.503	7.695	7.387	0.96	2.709
26	18	9.120	7.661	0.84	2.394	8.835	7.421	0.84	2.576	8.265	6.943	0.84	2.770
26	20	9.880	7.114	0.72	2.454	9.500	6.840	0.72	2.624	8.930	6.430	0.72	2.819
26	22	10.640	6.384	0.60	2.503	10.260	6.156	0.60	2.697	9.690	5.814	0.60	2.867
27	16	8.455	8.455	1.00	2.333	8.075	8.075	1.00	2.503	7.695	7.695	1.00	2.709
27	18	9.120	8.026	0.88	2.394	8.835	7.775	0.88	2.576	8.265	7.273	0.88	2.770
27	20	9.880	7.509	0.76	2.454	9.500	7.220	0.76	2.624	8.930	6.787	0.76	2.819
27	22	10.640	6.810	0.64	2.503	10.260	6.566	0.64	2.697	9.690	6.202	0.64	2.867
28	16	8.455	8.455	1.00	2.333	8.075	8.075	1.00	2.503	7.695	7.695	1.00	2.709
28	18	9.120	8.390	0.92	2.394	8.835	8.128	0.92	2.576	8.265	7.604	0.92	2.770
28	20	9.880	7.904	0.80	2.454	9.500	7.600	0.80	2.624	8.930	7.144	0.80	2.819
28	22	10.640	7.235	0.68	2.503	10.260	6.977	0.68	2.697	9.690	6.589	0.68	2.867
30	16	8.455	8.455	1.00	2.333	8.075	8.075	1.00	2.503	7.695	7.695	1.00	2.709
30	18	9.120	9.120	1.00	2.394	8.835	8.835	1.00	2.576	8.265	8.265	1.00	2.770
30	20	9.880	8.694	0.88	2.454	9.500	8.360	0.88	2.624	8.930	7.858	0.88	2.819
30	22	10.640	8.086	0.76	2.503	10.260	7.798	0.76	2.697	9.690	7.364	0.76	2.867
32	16	8.455	8.455	1.00	2.333	8.075	8.075	1.00	2.503	7.695	7.695	1.00	2.709
32	18	9.120	9.120	1.00	2.394	8.835	8.835	1.00	2.576	8.265	8.265	1.00	2.770
32	20	9.880	9.485	0.96	2.454	9.500	9.120	0.96	2.624	8.930	8.573	0.96	2.819
32	22	10.640	8.938	0.84	2.503	10.260	8.618	0.84	2.697	9.690	8.140	0.84	2.867
34	16	8.455	8.455	1.00	2.333	8.075	8.075	1.00	2.503	7.695	7.695	1.00	2.709
34	18	9.120	9.120	1.00	2.394	8.835	8.835	1.00	2.576	8.265	8.265	1.00	2.770
34	20	9.880	9.880	1.00	2.454	9.500	9.500	1.00	2.624	8.930	8.930	1.00	2.819
34	22	10.640	9.789	0.92	2.503	10.260	9.439	0.92	2.697	9.690	8.915	0.92	2.867

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M125JA(L)2 / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	8.415	0.68	3.067	12.000	8.160	0.68	3.240	11.625	7.905	0.68	3.431
20	18	13.250	7.420	0.56	3.125	12.875	7.210	0.56	3.297	12.438	6.965	0.56	3.527
20	20	14.250	6.270	0.44	3.221	13.938	6.133	0.44	3.374	13.563	5.968	0.44	3.604
22	16	12.375	9.405	0.76	3.067	12.000	9.120	0.76	3.240	11.625	8.835	0.76	3.431
22	18	13.250	8.480	0.64	3.125	12.875	8.240	0.64	3.297	12.438	7.960	0.64	3.527
22	20	14.250	7.410	0.52	3.221	13.938	7.248	0.52	3.374	13.563	7.053	0.52	3.604
24	16	12.375	10.395	0.84	3.067	12.000	10.080	0.84	3.240	11.625	9.765	0.84	3.431
24	18	13.250	9.540	0.72	3.125	12.875	9.270	0.72	3.297	12.438	8.955	0.72	3.527
24	20	14.250	8.550	0.60	3.221	13.938	8.363	0.60	3.374	13.563	8.138	0.60	3.604
24	22	15.188	7.290	0.48	3.297	14.875	7.140	0.48	3.489	14.500	6.960	0.48	3.719
26	16	12.375	11.385	0.92	3.067	12.000	11.040	0.92	3.240	11.625	10.695	0.92	3.431
26	18	13.250	10.600	0.80	3.125	12.875	10.300	0.80	3.297	12.438	9.950	0.80	3.527
26	20	14.250	9.690	0.68	3.221	13.938	9.478	0.68	3.374	13.563	9.223	0.68	3.604
26	22	15.188	8.505	0.56	3.297	14.875	8.330	0.56	3.489	14.500	8.120	0.56	3.719
27	16	12.375	11.880	0.96	3.067	12.000	11.520	0.96	3.240	11.625	11.160	0.96	3.431
27	18	13.250	11.130	0.84	3.125	12.875	10.815	0.84	3.297	12.438	10.448	0.84	3.527
27	20	14.250	10.260	0.72	3.221	13.938	10.035	0.72	3.374	13.563	9.765	0.72	3.604
27	22	15.188	9.113	0.60	3.297	14.875	8.925	0.60	3.489	14.500	8.700	0.60	3.719
28	16	12.375	12.375	1.00	3.067	12.000	12.000	1.00	3.240	11.625	11.625	1.00	3.431
28	18	13.250	11.660	0.88	3.125	12.875	11.330	0.88	3.297	12.438	10.945	0.88	3.527
28	20	14.250	10.830	0.76	3.221	13.938	10.593	0.76	3.374	13.563	10.308	0.76	3.604
28	22	15.188	9.720	0.64	3.297	14.875	9.520	0.64	3.489	14.500	9.280	0.64	3.719
30	16	12.375	12.375	1.00	3.067	12.000	12.000	1.00	3.240	11.625	11.625	1.00	3.431
30	18	13.250	12.720	0.96	3.125	12.875	12.360	0.96	3.297	12.438	11.940	0.96	3.527
30	20	14.250	11.970	0.84	3.221	13.938	11.708	0.84	3.374	13.563	11.393	0.84	3.604
30	22	15.188	10.935	0.72	3.297	14.875	10.710	0.72	3.489	14.500	10.440	0.72	3.719
32	16	12.375	12.375	1.00	3.067	12.000	12.000	1.00	3.240	11.625	11.625	1.00	3.431
32	18	13.250	13.250	1.00	3.125	12.875	12.875	1.00	3.297	12.438	12.438	1.00	3.527
32	20	14.250	13.110	0.92	3.221	13.938	12.823	0.92	3.374	13.563	12.478	0.92	3.604
32	22	15.188	12.150	0.80	3.297	14.875	11.900	0.80	3.489	14.500	11.600	0.80	3.719
34	16	12.375	12.375	1.00	3.067	12.000	12.000	1.00	3.240	11.625	11.625	1.00	3.431
34	18	13.250	13.250	1.00	3.125	12.875	12.875	1.00	3.297	12.438	12.438	1.00	3.527
34	20	14.250	14.250	1.00	3.221	13.938	13.938	1.00	3.374	13.563	13.563	1.00	3.604
34	22	15.188	13.365	0.88	3.297	14.875	13.090	0.88	3.489	14.500	12.760	0.88	3.719

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	7.565	0.68	3.681	10.625	7.225	0.68	3.949	10.125	6.885	0.68	4.275
20	18	12.000	6.720	0.56	3.776	11.625	6.510	0.56	4.064	10.875	6.090	0.56	4.371
20	20	13.000	5.720	0.44	3.872	12.500	5.500	0.44	4.141	11.750	5.170	0.44	4.447
22	16	11.125	8.455	0.76	3.681	10.625	8.075	0.76	3.949	10.125	7.695	0.76	4.275
22	18	12.000	7.680	0.64	3.776	11.625	7.440	0.64	4.064	10.875	6.960	0.64	4.371
22	20	13.000	6.760	0.52	3.872	12.500	6.500	0.52	4.141	11.750	6.110	0.52	4.447
24	16	11.125	9.345	0.84	3.681	10.625	8.925	0.84	3.949	10.125	8.505	0.84	4.275
24	18	12.000	8.640	0.72	3.776	11.625	8.370	0.72	4.064	10.875	7.830	0.72	4.371
24	20	13.000	7.800	0.60	3.872	12.500	7.500	0.60	4.141	11.750	7.050	0.60	4.447
24	22	14.000	6.720	0.48	3.949	13.500	6.480	0.48	4.256	12.750	6.120	0.48	4.524
26	16	11.125	10.235	0.92	3.681	10.625	9.775	0.92	3.949	10.125	9.315	0.92	4.275
26	18	12.000	9.600	0.80	3.776	11.625	9.300	0.80	4.064	10.875	8.700	0.80	4.371
26	20	13.000	8.840	0.68	3.872	12.500	8.500	0.68	4.141	11.750	7.990	0.68	4.447
26	22	14.000	7.840	0.56	3.949	13.500	7.560	0.56	4.256	12.750	7.140	0.56	4.524
27	16	11.125	10.680	0.96	3.681	10.625	10.200	0.96	3.949	10.125	9.720	0.96	4.275
27	18	12.000	10.080	0.84	3.776	11.625	9.765	0.84	4.064	10.875	9.135	0.84	4.371
27	20	13.000	9.360	0.72	3.872	12.500	9.000	0.72	4.141	11.750	8.460	0.72	4.447
27	22	14.000	8.400	0.60	3.949	13.500	8.100	0.60	4.256	12.750	7.650	0.60	4.524
28	16	11.125	11.125	1.00	3.681	10.625	10.625	1.00	3.949	10.125	10.125	1.00	4.275
28	18	12.000	10.560	0.88	3.776	11.625	10.230	0.88	4.064	10.875	9.570	0.88	4.371
28	20	13.000	9.880	0.76	3.872	12.500	9.500	0.76	4.141	11.750	8.930	0.76	4.447
28	22	14.000	8.960	0.64	3.949	13.500	8.640	0.64	4.256	12.750	8.160	0.64	4.524
30	16	11.125	11.125	1.00	3.681	10.625	10.625	1.00	3.949	10.125	10.125	1.00	4.275
30	18	12.000	11.520	0.96	3.776	11.625	11.160	0.96	4.064	10.875	10.440	0.96	4.371
30	20	13.000	10.920	0.84	3.872	12.500	10.500	0.84	4.141	11.750	9.870	0.84	4.447
30	22	14.000	10.080	0.72	3.949	13.500	9.720	0.72	4.256	12.750	9.180	0.72	4.524
32	16	11.125	11.125	1.00	3.681	10.625	10.625	1.00	3.949	10.125	10.125	1.00	4.275
32	18	12.000	12.000	1.00	3.776	11.625	11.625	1.00	4.064	10.875	10.875	1.00	4.371
32	20	13.000	11.960	0.92	3.872	12.500	11.500	0.92	4.141	11.750	10.810	0.92	4.447
32	22	14.000	11.200	0.80	3.949	13.500	10.800	0.80	4.256	12.750	10.200	0.80	4.524
34	16	11.125	11.125	1.00	3.681	10.625	10.625	1.00	3.949	10.125	10.125	1.00	4.275
34	18	12.000	12.000	1.00	3.776	11.625	11.625	1.00	4.064	10.875	10.875	1.00	4.371
34	20	13.000	13.000	1.00	3.872	12.500	12.500	1.00	4.141	11.750	11.750	1.00	4.447
34	22	14.000	12.320	0.88	3.949	13.500	11.880	0.88	4.256	12.750	11.220	0.88	4.524

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M140JA(L)2 / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	3.458	12.864	8.619	0.67	3.652	12.462	8.350	0.67	3.868
20	18	14.204	7.812	0.55	3.522	13.802	7.591	0.55	3.717	13.333	7.333	0.55	3.976
20	20	15.276	6.569	0.43	3.630	14.941	6.425	0.43	3.803	14.539	6.252	0.43	4.063
22	16	13.266	9.950	0.75	3.458	12.864	9.648	0.75	3.652	12.462	9.347	0.75	3.868
22	18	14.204	8.949	0.63	3.522	13.802	8.695	0.63	3.717	13.333	8.400	0.63	3.976
22	20	15.276	7.791	0.51	3.630	14.941	7.620	0.51	3.803	14.539	7.415	0.51	4.063
24	16	13.266	11.011	0.83	3.458	12.864	10.677	0.83	3.652	12.462	10.343	0.83	3.868
24	18	14.204	10.085	0.71	3.522	13.802	9.799	0.71	3.717	13.333	9.466	0.71	3.976
24	20	15.276	9.013	0.59	3.630	14.941	8.815	0.59	3.803	14.539	8.578	0.59	4.063
24	22	16.281	7.652	0.47	3.717	15.946	7.495	0.47	3.933	15.544	7.306	0.47	4.192
26	16	13.266	12.072	0.91	3.458	12.864	11.706	0.91	3.652	12.462	11.340	0.91	3.868
26	18	14.204	11.221	0.79	3.522	13.802	10.904	0.79	3.717	13.333	10.533	0.79	3.976
26	20	15.276	10.235	0.67	3.630	14.941	10.010	0.67	3.803	14.539	9.741	0.67	4.063
26	22	16.281	8.955	0.55	3.717	15.946	8.770	0.55	3.933	15.544	8.549	0.55	4.192
27	16	13.266	12.603	0.95	3.458	12.864	12.221	0.95	3.652	12.462	11.839	0.95	3.868
27	18	14.204	11.789	0.83	3.522	13.802	11.456	0.83	3.717	13.333	11.066	0.83	3.976
27	20	15.276	10.846	0.71	3.630	14.941	10.608	0.71	3.803	14.539	10.323	0.71	4.063
27	22	16.281	9.606	0.59	3.717	15.946	9.408	0.59	3.933	15.544	9.171	0.59	4.192
28	16	13.266	13.133	0.99	3.458	12.864	12.735	0.99	3.652	12.462	12.337	0.99	3.868
28	18	14.204	12.357	0.87	3.522	13.802	12.008	0.87	3.717	13.333	11.600	0.87	3.976
28	20	15.276	11.457	0.75	3.630	14.941	11.206	0.75	3.803	14.539	10.904	0.75	4.063
28	22	16.281	10.257	0.63	3.717	15.946	10.046	0.63	3.933	15.544	9.793	0.63	4.192
30	16	13.266	13.266	1.00	3.458	12.864	12.864	1.00	3.652	12.462	12.462	1.00	3.868
30	18	14.204	13.494	0.95	3.522	13.802	13.112	0.95	3.717	13.333	12.666	0.95	3.976
30	20	15.276	12.679	0.83	3.630	14.941	12.401	0.83	3.803	14.539	12.067	0.83	4.063
30	22	16.281	11.560	0.71	3.717	15.946	11.322	0.71	3.933	15.544	11.036	0.71	4.192
32	16	13.266	13.266	1.00	3.458	12.864	12.864	1.00	3.652	12.462	12.462	1.00	3.868
32	18	14.204	14.204	1.00	3.522	13.802	13.802	1.00	3.717	13.333	13.333	1.00	3.976
32	20	15.276	13.901	0.91	3.630	14.941	13.596	0.91	3.803	14.539	13.230	0.91	4.063
32	22	16.281	12.862	0.79	3.717	15.946	12.597	0.79	3.933	15.544	12.280	0.79	4.192
34	16	13.266	13.266	1.00	3.458	12.864	12.864	1.00	3.652	12.462	12.462	1.00	3.868
34	18	14.204	14.204	1.00	3.522	13.802	13.802	1.00	3.717	13.333	13.333	1.00	3.976
34	20	15.276	15.123	0.99	3.630	14.941	14.792	0.99	3.803	14.539	14.394	0.99	4.063
34	22	16.281	14.164	0.87	3.717	15.946	13.873	0.87	3.933	15.544	13.523	0.87	4.192

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	4.149	11.390	7.631	0.67	4.452	10.854	7.272	0.67	4.819
20	18	12.864	7.075	0.55	4.257	12.462	6.854	0.55	4.581	11.658	6.412	0.55	4.927
20	20	13.936	5.992	0.43	4.365	13.400	5.762	0.43	4.668	12.596	5.416	0.43	5.014
22	16	11.926	8.945	0.75	4.149	11.390	8.543	0.75	4.452	10.854	8.141	0.75	4.819
22	18	12.864	8.104	0.63	4.257	12.462	7.851	0.63	4.581	11.658	7.345	0.63	4.927
22	20	13.936	7.107	0.51	4.365	13.400	6.834	0.51	4.668	12.596	6.424	0.51	5.014
24	16	11.926	9.899	0.83	4.149	11.390	9.454	0.83	4.452	10.854	9.009	0.83	4.819
24	18	12.864	9.133	0.71	4.257	12.462	8.848	0.71	4.581	11.658	8.277	0.71	4.927
24	20	13.936	8.222	0.59	4.365	13.400	7.906	0.59	4.668	12.596	7.432	0.59	5.014
24	22	15.008	7.054	0.47	4.452	14.472	6.802	0.47	4.797	13.668	6.424	0.47	5.100
26	16	11.926	10.853	0.91	4.149	11.390	10.365	0.91	4.452	10.854	9.877	0.91	4.819
26	18	12.864	10.163	0.79	4.257	12.462	9.845	0.79	4.581	11.658	9.210	0.79	4.927
26	20	13.936	9.337	0.67	4.365	13.400	8.978	0.67	4.668	12.596	8.439	0.67	5.014
26	22	15.008	8.254	0.55	4.452	14.472	7.960	0.55	4.797	13.668	7.517	0.55	5.100
27	16	11.926	11.330	0.95	4.149	11.390	10.821	0.95	4.452	10.854	10.311	0.95	4.819
27	18	12.864	10.677	0.83	4.257	12.462	10.343	0.83	4.581	11.658	9.676	0.83	4.927
27	20	13.936	9.895	0.71	4.365	13.400	9.514	0.71	4.668	12.596	8.943	0.71	5.014
27	22	15.008	8.855	0.59	4.452	14.472	8.538	0.59	4.797	13.668	8.064	0.59	5.100
28	16	11.926	11.807	0.99	4.149	11.390	11.276	0.99	4.452	10.854	10.745	0.99	4.819
28	18	12.864	11.192	0.87	4.257	12.462	10.842	0.87	4.581	11.658	10.142	0.87	4.927
28	20	13.936	10.452	0.75	4.365	13.400	10.050	0.75	4.668	12.596	9.447	0.75	5.014
28	22	15.008	9.455	0.63	4.452	14.472	9.117	0.63	4.797	13.668	8.611	0.63	5.100
30	16	11.926	11.926	1.00	4.149	11.390	11.390	1.00	4.452	10.854	10.854	1.00	4.819
30	18	12.864	12.221	0.95	4.257	12.462	11.839	0.95	4.581	11.658	11.075	0.95	4.927
30	20	13.936	11.567	0.83	4.365	13.400	11.122	0.83	4.668	12.596	10.455	0.83	5.014
30	22	15.008	10.656	0.71	4.452	14.472	10.275	0.71	4.797	13.668	9.704	0.71	5.100
32	16	11.926	11.926	1.00	4.149	11.390	11.390	1.00	4.452	10.854	10.854	1.00	4.819
32	18	12.864	12.864	1.00	4.257	12.462	12.462	1.00	4.581	11.658	11.658	1.00	4.927
32	20	13.936	12.682	0.91	4.365	13.400	12.194	0.91	4.668	12.596	11.462	0.91	5.014
32	22	15.008	11.856	0.79	4.452	14.472	11.433	0.79	4.797	13.668	10.798	0.79	5.100
34	16	11.926	11.926	1.00	4.149	11.390	11.390	1.00	4.452	10.854	10.854	1.00	4.819
34	18	12.864	12.864	1.00	4.257	12.462	12.462	1.00	4.581	11.658	11.658	1.00	4.927
34	20	13.936	13.797	0.99	4.365	13.400	13.266	0.99	4.668	12.596	12.470	0.99	5.014
34	22	15.008	13.057	0.87	4.452	14.472	12.591	0.87	4.797	13.668	11.891	0.87	5.100

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M200LA2 / PUHZ-ZRP200YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	18.810	13.167	0.70	4.750	18.240	12.768	0.70	5.017	17.670	12.369	0.70	5.314
20	18	20.140	11.681	0.58	4.839	19.570	11.351	0.58	5.106	18.905	10.965	0.58	5.462
20	20	21.660	9.964	0.46	4.987	21.185	9.745	0.46	5.225	20.615	9.483	0.46	5.581
22	16	18.810	14.672	0.78	4.750	18.240	14.227	0.78	5.017	17.670	13.783	0.78	5.314
22	18	20.140	13.292	0.66	4.839	19.570	12.916	0.66	5.106	18.905	12.477	0.66	5.462
22	20	21.660	11.696	0.54	4.987	21.185	11.440	0.54	5.225	20.615	11.132	0.54	5.581
24	16	18.810	16.177	0.86	4.750	18.240	15.686	0.86	5.017	17.670	15.196	0.86	5.314
24	18	20.140	14.904	0.74	4.839	19.570	14.482	0.74	5.106	18.905	13.990	0.74	5.462
24	20	21.660	13.429	0.62	4.987	21.185	13.135	0.62	5.225	20.615	12.781	0.62	5.581
24	22	23.085	11.543	0.50	5.106	22.610	11.305	0.50	5.403	22.040	11.020	0.50	5.759
26	16	18.810	17.681	0.94	4.750	18.240	17.146	0.94	5.017	17.670	16.610	0.94	5.314
26	18	20.140	16.515	0.82	4.839	19.570	16.047	0.82	5.106	18.905	15.502	0.82	5.462
26	20	21.660	15.162	0.70	4.987	21.185	14.830	0.70	5.225	20.615	14.431	0.70	5.581
26	22	23.085	13.389	0.58	5.106	22.610	13.114	0.58	5.403	22.040	12.783	0.58	5.759
27	16	18.810	18.434	0.98	4.750	18.240	17.875	0.98	5.017	17.670	17.317	0.98	5.314
27	18	20.140	17.320	0.86	4.839	19.570	16.830	0.86	5.106	18.905	16.258	0.86	5.462
27	20	21.660	16.028	0.74	4.987	21.185	15.677	0.74	5.225	20.615	15.255	0.74	5.581
27	22	23.085	14.313	0.62	5.106	22.610	14.018	0.62	5.403	22.040	13.665	0.62	5.759
28	16	18.810	18.810	1.00	4.750	18.240	18.240	1.00	5.017	17.670	17.670	1.00	5.314
28	18	20.140	18.126	0.90	4.839	19.570	17.613	0.90	5.106	18.905	17.015	0.90	5.462
28	20	21.660	16.895	0.78	4.987	21.185	16.524	0.78	5.225	20.615	16.080	0.78	5.581
28	22	23.085	15.236	0.66	5.106	22.610	14.923	0.66	5.403	22.040	14.546	0.66	5.759
30	16	18.810	18.810	1.00	4.750	18.240	18.240	1.00	5.017	17.670	17.670	1.00	5.314
30	18	20.140	19.737	0.98	4.839	19.570	19.179	0.98	5.106	18.905	18.527	0.98	5.462
30	20	21.660	18.628	0.86	4.987	21.185	18.219	0.86	5.225	20.615	17.729	0.86	5.581
30	22	23.085	17.083	0.74	5.106	22.610	16.731	0.74	5.403	22.040	16.310	0.74	5.759
32	16	18.810	18.810	1.00	4.750	18.240	18.240	1.00	5.017	17.670	17.670	1.00	5.314
32	18	20.140	20.140	1.00	4.839	19.570	19.570	1.00	5.106	18.905	18.905	1.00	5.462
32	20	21.660	20.360	0.94	4.987	21.185	19.914	0.94	5.225	20.615	19.378	0.94	5.581
32	22	23.085	18.930	0.82	5.106	22.610	18.540	0.82	5.403	22.040	18.073	0.82	5.759
34	16	18.810	18.810	1.00	4.750	18.240	18.240	1.00	5.017	17.670	17.670	1.00	5.314
34	18	20.140	20.140	1.00	4.839	19.570	19.570	1.00	5.106	18.905	18.905	1.00	5.462
34	20	21.660	21.660	1.00	4.987	21.185	21.185	1.00	5.225	20.615	20.615	1.00	5.581
34	22	23.085	20.777	0.90	5.106	22.610	20.349	0.90	5.403	22.040	19.836	0.90	5.759

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	16.910	11.837	0.70	5.700	16.150	11.305	0.70	6.115	15.390	10.773	0.70	6.620
20	18	18.240	10.579	0.58	5.848	17.670	10.249	0.58	6.293	16.530	9.587	0.58	6.768
20	20	19.760	9.090	0.46	5.996	19.000	8.740	0.46	6.412	17.860	8.216	0.46	6.887
22	16	16.910	13.190	0.78	5.700	16.150	12.597	0.78	6.115	15.390	12.004	0.78	6.620
22	18	18.240	12.038	0.66	5.848	17.670	11.662	0.66	6.293	16.530	10.910	0.66	6.768
22	20	19.760	10.670	0.54	5.996	19.000	10.260	0.54	6.412	17.860	9.644	0.54	6.887
24	16	16.910	14.543	0.86	5.700	16.150	13.889	0.86	6.115	15.390	13.235	0.86	6.620
24	18	18.240	13.498	0.74	5.848	17.670	13.076	0.74	6.293	16.530	12.232	0.74	6.768
24	20	19.760	12.251	0.62	5.996	19.000	11.780	0.62	6.412	17.860	11.073	0.62	6.887
24	22	21.280	10.640	0.50	6.115	20.520	10.260	0.50	6.590	19.380	9.690	0.50	7.006
26	16	16.910	15.895	0.94	5.700	16.150	15.181	0.94	6.115	15.390	14.467	0.94	6.620
26	18	18.240	14.957	0.82	5.848	17.670	14.489	0.82	6.293	16.530	13.555	0.82	6.768
26	20	19.760	13.832	0.70	5.996	19.000	13.300	0.70	6.412	17.860	12.502	0.70	6.887
26	22	21.280	12.342	0.58	6.115	20.520	11.902	0.58	6.590	19.380	11.240	0.58	7.006
27	16	16.910	16.572	0.98	5.700	16.150	15.827	0.98	6.115	15.390	15.082	0.98	6.620
27	18	18.240	15.686	0.86	5.848	17.670	15.196	0.86	6.293	16.530	14.216	0.86	6.768
27	20	19.760	14.622	0.74	5.996	19.000	14.060	0.74	6.412	17.860	13.216	0.74	6.887
27	22	21.280	13.194	0.62	6.115	20.520	12.722	0.62	6.590	19.380	12.016	0.62	7.006
28	16	16.910	16.910	1.00	5.700	16.150	16.150	1.00	6.115	15.390	15.390	1.00	6.620
28	18	18.240	16.416	0.90	5.848	17.670	15.903	0.90	6.293	16.530	14.877	0.90	6.768
28	20	19.760	15.413	0.78	5.996	19.000	14.820	0.78	6.412	17.860	13.931	0.78	6.887
28	22	21.280	14.045	0.66	6.115	20.520	13.543	0.66	6.590	19.380	12.791	0.66	7.006
30	16	16.910	16.910	1.00	5.700	16.150	16.150	1.00	6.115	15.390	15.390	1.00	6.620
30	18	18.240	17.875	0.98	5.848	17.670	17.317	0.98	6.293	16.530	16.199	0.98	6.768
30	20	19.760	16.994	0.86	5.996	19.000	16.340	0.86	6.412	17.860	15.360	0.86	6.887
30	22	21.280	15.747	0.74	6.115	20.520	15.185	0.74	6.590	19.380	14.341	0.74	7.006
32	16	16.910	16.910	1.00	5.700	16.150	16.150	1.00	6.115	15.390	15.390	1.00	6.620
32	18	18.240	18.240	1.00	5.848	17.670	17.670	1.00	6.293	16.530	16.530	1.00	6.768
32	20	19.760	18.574	0.94	5.996	19.000	17.860	0.94	6.412	17.860	16.788	0.94	6.887
32	22	21.280	17.450	0.82	6.115	20.520	16.826	0.82	6.590	19.380	15.892	0.82	7.006
34	16	16.910	16.910	1.00	5.700	16.150	16.150	1.00	6.115	15.390	15.390	1.00	6.620
34	18	18.240	18.240	1.00	5.848	17.670	17.670	1.00	6.293	16.530	16.530	1.00	6.768
34	20	19.760	19.760	1.00	5.996	19.000	19.000	1.00	6.412	17.860	17.860	1.00	6.887
34	22	21.280	19.152	0.90	6.115	20.520	18.468	0.90	6.590	19.380	17.442	0.90	7.006

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M250LA2 / PUHZ-ZRP250YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	21.780	15.028	0.69	6.377	21.120	14.573	0.69	6.735	20.460	14.117	0.69	7.134
20	18	23.320	13.292	0.57	6.496	22.660	12.916	0.57	6.855	21.890	12.477	0.57	7.333
20	20	25.080	11.286	0.45	6.696	24.530	11.039	0.45	7.014	23.870	10.742	0.45	7.493
22	16	21.780	16.771	0.77	6.377	21.120	16.262	0.77	6.735	20.460	15.754	0.77	7.134
22	18	23.320	15.158	0.65	6.496	22.660	14.729	0.65	6.855	21.890	14.229	0.65	7.333
22	20	25.080	13.292	0.53	6.696	24.530	13.001	0.53	7.014	23.870	12.651	0.53	7.493
24	16	21.780	18.513	0.85	6.377	21.120	17.952	0.85	6.735	20.460	17.391	0.85	7.134
24	18	23.320	17.024	0.73	6.496	22.660	16.542	0.73	6.855	21.890	15.980	0.73	7.333
24	20	25.080	15.299	0.61	6.696	24.530	14.963	0.61	7.014	23.870	14.561	0.61	7.493
24	22	26.730	13.098	0.49	6.855	26.180	12.828	0.49	7.254	25.520	12.505	0.49	7.732
26	16	21.780	20.255	0.93	6.377	21.120	19.642	0.93	6.735	20.460	19.028	0.93	7.134
26	18	23.320	18.889	0.81	6.496	22.660	18.355	0.81	6.855	21.890	17.731	0.81	7.333
26	20	25.080	17.305	0.69	6.696	24.530	16.926	0.69	7.014	23.870	16.470	0.69	7.493
26	22	26.730	15.236	0.57	6.855	26.180	14.923	0.57	7.254	25.520	14.546	0.57	7.732
27	16	21.780	21.127	0.97	6.377	21.120	20.486	0.97	6.735	20.460	19.846	0.97	7.134
27	18	23.320	19.822	0.85	6.496	22.660	19.261	0.85	6.855	21.890	18.607	0.85	7.333
27	20	25.080	18.308	0.73	6.696	24.530	17.907	0.73	7.014	23.870	17.425	0.73	7.493
27	22	26.730	16.305	0.61	6.855	26.180	15.970	0.61	7.254	25.520	15.567	0.61	7.732
28	16	21.780	21.780	1.00	6.377	21.120	21.120	1.00	6.735	20.460	20.460	1.00	7.134
28	18	23.320	20.755	0.89	6.496	22.660	20.167	0.89	6.855	21.890	19.482	0.89	7.333
28	20	25.080	19.312	0.77	6.696	24.530	18.888	0.77	7.014	23.870	18.380	0.77	7.493
28	22	26.730	17.375	0.65	6.855	26.180	17.017	0.65	7.254	25.520	16.588	0.65	7.732
30	16	21.780	21.780	1.00	6.377	21.120	21.120	1.00	6.735	20.460	20.460	1.00	7.134
30	18	23.320	22.620	0.97	6.496	22.660	21.980	0.97	6.855	21.890	21.233	0.97	7.333
30	20	25.080	21.318	0.85	6.696	24.530	20.851	0.85	7.014	23.870	20.290	0.85	7.493
30	22	26.730	19.513	0.73	6.855	26.180	19.111	0.73	7.254	25.520	18.630	0.73	7.732
32	16	21.780	21.780	1.00	6.377	21.120	21.120	1.00	6.735	20.460	20.460	1.00	7.134
32	18	23.320	23.320	1.00	6.496	22.660	22.660	1.00	6.855	21.890	21.890	1.00	7.333
32	20	25.080	23.324	0.93	6.696	24.530	22.813	0.93	7.014	23.870	22.199	0.93	7.493
32	22	26.730	21.651	0.81	6.855	26.180	21.206	0.81	7.254	25.520	20.671	0.81	7.732
34	16	21.780	21.780	1.00	6.377	21.120	21.120	1.00	6.735	20.460	20.460	1.00	7.134
34	18	23.320	23.320	1.00	6.496	22.660	22.660	1.00	6.855	21.890	21.890	1.00	7.333
34	20	25.080	25.080	1.00	6.696	24.530	24.530	1.00	7.014	23.870	23.870	1.00	7.493
34	22	26.730	23.790	0.89	6.855	26.180	23.300	0.89	7.254	25.520	22.713	0.89	7.732

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	19.580	13.510	0.69	7.652	18.700	12.903	0.69	8.210	17.820	12.296	0.69	8.888
20	18	21.120	12.038	0.57	7.851	20.460	11.662	0.57	8.449	19.140	10.910	0.57	9.087
20	20	22.880	10.296	0.45	8.051	22.000	9.900	0.45	8.609	20.680	9.306	0.45	9.246
22	16	19.580	15.077	0.77	7.652	18.700	14.399	0.77	8.210	17.820	13.721	0.77	8.888
22	18	21.120	13.728	0.65	7.851	20.460	13.299	0.65	8.449	19.140	12.441	0.65	9.087
22	20	22.880	12.126	0.53	8.051	22.000	11.660	0.53	8.609	20.680	10.960	0.53	9.246
24	16	19.580	16.643	0.85	7.652	18.700	15.895	0.85	8.210	17.820	15.147	0.85	8.888
24	18	21.120	15.418	0.73	7.851	20.460	14.936	0.73	8.449	19.140	13.972	0.73	9.087
24	20	22.880	13.957	0.61	8.051	22.000	13.420	0.61	8.609	20.680	12.615	0.61	9.246
24	22	24.640	12.074	0.49	8.210	23.760	11.642	0.49	8.848	22.440	10.996	0.49	9.406
26	16	19.580	18.209	0.93	7.652	18.700	17.391	0.93	8.210	17.820	16.573	0.93	8.888
26	18	21.120	17.107	0.81	7.851	20.460	16.573	0.81	8.449	19.140	15.503	0.81	9.087
26	20	22.880	15.787	0.69	8.051	22.000	15.180	0.69	8.609	20.680	14.269	0.69	9.246
26	22	24.640	14.045	0.57	8.210	23.760	13.543	0.57	8.848	22.440	12.791	0.57	9.406
27	16	19.580	18.993	0.97	7.652	18.700	18.139	0.97	8.210	17.820	17.285	0.97	8.888
27	18	21.120	17.952	0.85	7.851	20.460	17.391	0.85	8.449	19.140	16.269	0.85	9.087
27	20	22.880	16.702	0.73	8.051	22.000	16.060	0.73	8.609	20.680	15.096	0.73	9.246
27	22	24.640	15.030	0.61	8.210	23.760	14.494	0.61	8.848	22.440	13.688	0.61	9.406
28	16	19.580	19.580	1.00	7.652	18.700	18.700	1.00	8.210	17.820	17.820	1.00	8.888
28	18	21.120	18.797	0.89	7.851	20.460	18.209	0.89	8.449	19.140	17.035	0.89	9.087
28	20	22.880	17.618	0.77	8.051	22.000	16.940	0.77	8.609	20.680	15.924	0.77	9.246
28	22	24.640	16.016	0.65	8.210	23.760	15.444	0.65	8.848	22.440	14.586	0.65	9.406
30	16	19.580	19.580	1.00	7.652	18.700	18.700	1.00	8.210	17.820	17.820	1.00	8.888
30	18	21.120	20.486	0.97	7.851	20.460	19.846	0.97	8.449	19.140	18.566	0.97	9.087
30	20	22.880	19.448	0.85	8.051	22.000	18.700	0.85	8.609	20.680	17.578	0.85	9.246
30	22	24.640	17.987	0.73	8.210	23.760	17.345	0.73	8.848	22.440	16.381	0.73	9.406
32	16	19.580	19.580	1.00	7.652	18.700	18.700	1.00	8.210	17.820	17.820	1.00	8.888
32	18	21.120	21.120	1.00	7.851	20.460	20.460	1.00	8.449	19.140	19.140	1.00	9.087
32	20	22.880	21.278	0.93	8.051	22.000	20.460	0.93	8.609	20.680	19.232	0.93	9.246
32	22	24.640	19.958	0.81	8.210	23.760	19.246	0.81	8.848	22.440	18.176	0.81	9.406
34	16	19.580	19.580	1.00	7.652	18.700	18.700	1.00	8.210	17.820	17.820	1.00	8.888
34	18	21.120	21.120	1.00	7.851	20.460	20.460	1.00	8.449	19.140	19.140	1.00	9.087
34	20	22.880	22.880	1.00	8.051	22.000	22.000	1.00	8.609	20.680	20.680	1.00	9.246
34	22	24.640	21.930	0.89	8.210	23.760	21.146	0.89	8.848	22.440	19.972	0.89	9.406

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.834	0.67	0.823	4.050	2.714	0.67	0.864	3.888	2.605	0.67	0.906	3.744	2.508	0.67	0.947
21	20	4.410	2.426	0.55	0.864	4.230	2.327	0.55	0.916	4.104	2.257	0.55	0.936	3.960	2.178	0.55	0.978
22	18	4.230	3.003	0.71	0.823	4.050	2.876	0.71	0.864	3.888	2.760	0.71	0.906	3.744	2.658	0.71	0.947
22	20	4.410	2.602	0.59	0.864	4.230	2.496	0.59	0.916	4.104	2.421	0.59	0.936	3.960	2.336	0.59	0.978
22	22	4.590	2.157	0.47	0.895	4.428	2.081	0.47	0.952	4.320	2.030	0.47	0.978	4.140	1.946	0.47	1.019
23	18	4.230	3.173	0.75	0.823	4.050	3.038	0.75	0.864	3.888	2.916	0.75	0.906	3.744	2.808	0.75	0.947
23	20	4.410	2.778	0.63	0.864	4.230	2.665	0.63	0.916	4.104	2.586	0.63	0.936	3.960	2.495	0.63	0.978
23	22	4.590	2.341	0.51	0.895	4.428	2.258	0.51	0.952	4.320	2.203	0.51	0.978	4.140	2.111	0.51	1.019
24	18	4.230	3.342	0.79	0.823	4.050	3.200	0.79	0.864	3.888	3.072	0.79	0.906	3.744	2.958	0.79	0.947
24	20	4.410	2.955	0.67	0.864	4.230	2.834	0.67	0.916	4.104	2.750	0.67	0.936	3.960	2.653	0.67	0.978
24	22	4.590	2.525	0.55	0.895	4.428	2.435	0.55	0.952	4.320	2.376	0.55	0.978	4.140	2.277	0.55	1.019
24	24	4.824	2.074	0.43	0.936	4.644	1.997	0.43	0.988	4.536	1.950	0.43	1.019	4.392	1.889	0.43	1.070
25	20	4.410	3.131	0.71	0.864	4.230	3.003	0.71	0.916	4.104	2.914	0.71	0.936	3.960	2.812	0.71	0.978
25	22	4.590	2.708	0.59	0.895	4.428	2.613	0.59	0.952	4.320	2.549	0.59	0.978	4.140	2.443	0.59	1.019
25	24	4.824	2.267	0.47	0.936	4.644	2.183	0.47	0.988	4.536	2.132	0.47	1.019	4.392	2.064	0.47	1.070
26	18	4.230	3.680	0.87	0.823	4.050	3.524	0.87	0.864	3.888	3.383	0.87	0.906	3.744	3.257	0.87	0.947
26	20	4.410	3.308	0.75	0.864	4.230	3.173	0.75	0.916	4.104	3.078	0.75	0.936	3.960	2.970	0.75	0.978
26	22	4.590	2.892	0.63	0.895	4.428	2.790	0.63	0.952	4.320	2.722	0.63	0.978	4.140	2.608	0.63	1.019
26	24	4.824	2.460	0.51	0.936	4.644	2.368	0.51	0.988	4.536	2.313	0.51	1.019	4.392	2.240	0.51	1.070
26	26	4.968	1.938	0.39	0.988	4.824	1.881	0.39	1.039	4.752	1.853	0.39	1.070	4.608	1.797	0.39	1.101
27	18	4.230	3.849	0.91	0.823	4.050	3.686	0.91	0.864	3.888	3.538	0.91	0.906	3.744	3.407	0.91	0.947
27	20	4.410	3.484	0.79	0.864	4.230	3.342	0.79	0.916	4.104	3.242	0.79	0.936	3.960	3.128	0.79	0.978
27	22	4.590	3.075	0.67	0.895	4.428	2.967	0.67	0.952	4.320	2.894	0.67	0.978	4.140	2.774	0.67	1.019
27	24	4.824	2.653	0.55	0.936	4.644	2.554	0.55	0.988	4.536	2.495	0.55	1.019	4.392	2.416	0.55	1.070
27	26	4.968	2.136	0.43	0.988	4.824	2.074	0.43	1.039	4.752	2.043	0.43	1.070	4.608	1.981	0.43	1.101
28	18	4.230	4.019	0.95	0.823	4.050	3.848	0.95	0.864	3.888	3.694	0.95	0.906	3.744	3.557	0.95	0.947
28	20	4.410	3.660	0.83	0.864	4.230	3.511	0.83	0.916	4.104	3.406	0.83	0.936	3.960	3.287	0.83	0.978
28	22	4.590	3.259	0.71	0.895	4.428	3.144	0.71	0.952	4.320	3.067	0.71	0.978	4.140	2.939	0.71	1.019
28	24	4.824	2.846	0.59	0.936	4.644	2.740	0.59	0.988	4.536	2.676	0.59	1.019	4.392	2.591	0.59	1.070
28	26	4.968	2.335	0.47	0.988	4.824	2.267	0.47	1.039	4.752	2.233	0.47	1.070	4.608	2.166	0.47	1.101
29	18	4.230	4.188	0.99	0.823	4.050	4.010	0.99	0.864	3.888	3.849	0.99	0.906	3.744	3.707	0.99	0.947
29	20	4.410	3.837	0.87	0.864	4.230	3.680	0.87	0.916	4.104	3.570	0.87	0.936	3.960	3.445	0.87	0.978
29	22	4.590	3.443	0.75	0.895	4.428	3.321	0.75	0.952	4.320	3.240	0.75	0.978	4.140	3.105	0.75	1.019
29	24	4.824	3.039	0.63	0.936	4.644	2.926	0.63	0.988	4.536	2.858	0.63	1.019	4.392	2.767	0.63	1.070
29	26	4.968	2.534	0.51	0.988	4.824	2.460	0.51	1.039	4.752	2.424	0.51	1.070	4.608	2.350	0.51	1.101
30	18	4.230	4.230	1.00	0.823	4.050	4.050	1.00	0.864	3.888	3.888	1.00	0.906	3.744	3.744	1.00	0.947
30	20	4.410	4.013	0.91	0.864	4.230	3.849	0.91	0.916	4.104	3.735	0.91	0.936	3.960	3.604	0.91	0.978
30	22	4.590	3.626	0.79	0.895	4.428	3.498	0.79	0.952	4.320	3.413	0.79	0.978	4.140	3.271	0.79	1.019
30	24	4.824	3.232	0.67	0.936	4.644	3.111	0.67	0.988	4.536	3.039	0.67	1.019	4.392	2.943	0.67	1.070
30	26	4.968	2.732	0.55	0.988	4.824	2.653	0.55	1.039	4.752	2.614	0.55	1.070	4.608	2.534	0.55	1.101
31	18	4.230	4.230	1.00	0.823	4.050	4.050	1.00	0.864	3.888	3.888	1.00	0.906	3.744	3.744	1.00	0.947
31	20	4.410	4.190	0.95	0.864	4.230	4.019	0.95	0.916	4.104	3.899	0.95	0.936	3.960	3.762	0.95	0.978
31	22	4.590	3.810	0.83	0.895	4.428	3.675	0.83	0.952	4.320	3.586	0.83	0.978	4.140	3.436	0.83	1.019
31	24	4.824	3.425	0.71	0.936	4.644	3.297	0.71	0.988	4.536	3.221	0.71	1.019	4.392	3.118	0.71	1.070
31	26	4.968	2.931	0.59	0.988	4.824	2.846	0.59	1.039	4.752	2.804	0.59	1.070	4.608	2.719	0.59	1.101
32	18	4.230	4.230	1.00	0.823	4.050	4.050	1.00	0.864	3.888	3.888	1.00	0.906	3.744	3.744	1.00	0.947
32	20	4.410	4.366	0.99	0.864	4.230	4.188	0.99	0.916	4.104	4.063	0.99	0.936	3.960	3.920	0.99	0.978
32	22	4.590	3.993	0.87	0.895	4.428	3.852	0.87	0.952	4.320	3.758	0.87	0.978	4.140	3.602	0.87	1.019
32	24	4.824	3.618	0.75	0.936	4.644	3.483	0.75	0.988	4.536	3.402	0.75	1.019	4.392	3.294	0.75	1.070
32	26	4.968	3.130	0.63	0.988	4.824	3.039	0.63	1.039	4.752	2.994	0.63	1.070	4.608	2.903	0.63	1.101

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	1.008	3.240	2.171	0.67	1.070	2.988	2.002	0.67	1.111
21	20	3.708	2.039	0.55	1.050	3.456	1.901	0.55	1.101	3.204	1.762	0.55	1.163
22	18	3.528	2.505	0.71	1.008	3.240	2.300	0.71	1.070	2.988	2.121	0.71	1.111
22	20	3.708	2.188	0.59	1.050	3.456	2.039	0.59	1.101	3.204	1.890	0.59	1.163
22	22	3.924	1.844	0.47	1.091	3.672	1.726	0.47	1.152	3.420	1.607	0.47	1.194
23	18	3.528	2.646	0.75	1.008	3.240	2.430	0.75	1.070	2.988	2.241	0.75	1.111
23	20	3.708	2.336	0.63	1.050	3.456	2.177	0.63	1.101	3.204	2.019	0.63	1.163
23	22	3.924	2.001	0.51	1.091	3.672	1.873	0.51	1.152	3.420	1.744	0.51	1.194
24	18	3.528	2.787	0.79	1.008	3.240	2.560	0.79	1.070	2.988	2.361	0.79	1.111
24	20	3.708	2.484	0.67	1.050	3.456	2.316	0.67	1.101	3.204	2.147	0.67	1.163
24	22	3.924	2.158	0.55	1.091	3.672	2.020	0.55	1.152	3.420	1.881	0.55	1.194
24	24	4.140	1.780	0.43	1.132	3.888	1.672	0.43	1.183	3.672	1.579	0.43	1.235
25	20	3.708	2.633	0.71	1.050	3.456	2.454	0.71	1.101	3.204	2.275	0.71	1.163
25	22	3.924	2.315	0.59	1.091	3.672	2.166	0.59	1.152	3.420	2.018	0.59	1.194
25	24	4.140	1.946	0.47	1.132	3.888	1.827	0.47	1.183	3.672	1.726	0.47	1.235
26	18	3.528	3.069	0.87	1.008	3.240	2.819	0.87	1.070	2.988	2.600	0.87	1.111
26	20	3.708	2.781	0.75	1.050	3.456	2.592	0.75	1.101	3.204	2.403	0.75	1.163
26	22	3.924	2.472	0.63	1.091	3.672	2.313	0.63	1.152	3.420	2.155	0.63	1.194
26	24	4.140	2.111	0.51	1.132	3.888	1.983	0.51	1.183	3.672	1.873	0.51	1.235
26	26	4.356	1.699	0.39	1.173	4.104	1.601	0.39	1.225	3.852	1.502	0.39	1.276
27	18	3.528	3.210	0.91	1.008	3.240	2.948	0.91	1.070	2.988	2.719	0.91	1.111
27	20	3.708	2.929	0.79	1.050	3.456	2.730	0.79	1.101	3.204	2.531	0.79	1.163
27	22	3.924	2.629	0.67	1.091	3.672	2.460	0.67	1.152	3.420	2.291	0.67	1.194
27	24	4.140	2.277	0.55	1.132	3.888	2.138	0.55	1.183	3.672	2.020	0.55	1.235
27	26	4.356	1.873	0.43	1.173	4.104	1.765	0.43	1.225	3.852	1.656	0.43	1.276
28	18	3.528	3.352	0.95	1.008	3.240	3.078	0.95	1.070	2.988	2.839	0.95	1.111
28	20	3.708	3.078	0.83	1.050	3.456	2.868	0.83	1.101	3.204	2.659	0.83	1.163
28	22	3.924	2.786	0.71	1.091	3.672	2.607	0.71	1.152	3.420	2.428	0.71	1.194
28	24	4.140	2.443	0.59	1.132	3.888	2.294	0.59	1.183	3.672	2.166	0.59	1.235
28	26	4.356	2.047	0.47	1.173	4.104	1.929	0.47	1.225	3.852	1.810	0.47	1.276
29	18	3.528	3.493	0.99	1.008	3.240	3.208	0.99	1.070	2.988	2.958	0.99	1.111
29	20	3.708	3.226	0.87	1.050	3.456	3.007	0.87	1.101	3.204	2.787	0.87	1.163
29	22	3.924	2.943	0.75	1.091	3.672	2.754	0.75	1.152	3.420	2.565	0.75	1.194
29	24	4.140	2.608	0.63	1.132	3.888	2.449	0.63	1.183	3.672	2.313	0.63	1.235
29	26	4.356	2.222	0.51	1.173	4.104	2.093	0.51	1.225	3.852	1.965	0.51	1.276
30	18	3.528	3.528	1.00	1.008	3.240	3.240	1.00	1.070	2.988	2.988	1.00	1.111
30	20	3.708	3.374	0.91	1.050	3.456	3.145	0.91	1.101	3.204	2.916	0.91	1.163
30	22	3.924	3.100	0.79	1.091	3.672	2.901	0.79	1.152	3.420	2.702	0.79	1.194
30	24	4.140	2.774	0.67	1.132	3.888	2.605	0.67	1.183	3.672	2.460	0.67	1.235
30	26	4.356	2.396	0.55	1.173	4.104	2.257	0.55	1.225	3.852	2.119	0.55	1.276
31	18	3.528	3.528	1.00	1.008	3.240	3.240	1.00	1.070	2.988	2.988	1.00	1.111
31	20	3.708	3.523	0.95	1.050	3.456	3.283	0.95	1.101	3.204	3.044	0.95	1.163
31	22	3.924	3.257	0.83	1.091	3.672	3.048	0.83	1.152	3.420	2.839	0.83	1.194
31	24	4.140	2.939	0.71	1.132	3.888	2.760	0.71	1.183	3.672	2.607	0.71	1.235
31	26	4.356	2.570	0.59	1.173	4.104	2.421	0.59	1.225	3.852	2.273	0.59	1.276
32	18	3.528	3.528	1.00	1.008	3.240	3.240	1.00	1.070	2.988	2.988	1.00	1.111
32	20	3.708	3.671	0.99	1.050	3.456	3.421	0.99	1.101	3.204	3.172	0.99	1.163
32	22	3.924	3.414	0.87	1.091	3.672	3.195	0.87	1.152	3.420	2.975	0.87	1.194
32	24	4.140	3.105	0.75	1.132	3.888	2.916	0.75	1.183	3.672	2.754	0.75	1.235
32	26	4.356	2.744	0.63	1.173	4.104	2.586	0.63	1.225	3.852	2.427	0.63	1.276

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.758	3.800	0.66	1.166	5.513	3.639	0.66	1.225	5.292	3.493	0.66	1.283	5.096	3.363	0.66	1.341
21	20	6.003	3.242	0.54	1.225	5.758	3.109	0.54	1.298	5.586	3.016	0.54	1.327	5.390	2.911	0.54	1.385
22	18	5.758	4.031	0.70	1.166	5.513	3.859	0.70	1.225	5.292	3.704	0.70	1.283	5.096	3.567	0.70	1.341
22	20	6.003	3.482	0.58	1.225	5.758	3.340	0.58	1.298	5.586	3.240	0.58	1.327	5.390	3.126	0.58	1.385
22	22	6.248	2.874	0.46	1.268	6.027	2.772	0.46	1.349	5.880	2.705	0.46	1.385	5.635	2.592	0.46	1.443
23	18	5.758	4.261	0.74	1.166	5.513	4.080	0.74	1.225	5.292	3.916	0.74	1.283	5.096	3.771	0.74	1.341
23	20	6.003	3.722	0.62	1.225	5.758	3.570	0.62	1.298	5.586	3.463	0.62	1.327	5.390	3.342	0.62	1.385
23	22	6.248	3.124	0.50	1.268	6.027	3.014	0.50	1.349	5.880	2.940	0.50	1.385	5.635	2.818	0.50	1.443
24	18	5.758	4.491	0.78	1.166	5.513	4.300	0.78	1.225	5.292	4.128	0.78	1.283	5.096	3.975	0.78	1.341
24	20	6.003	3.962	0.66	1.225	5.758	3.800	0.66	1.298	5.586	3.687	0.66	1.327	5.390	3.557	0.66	1.385
24	22	6.248	3.374	0.54	1.268	6.027	3.255	0.54	1.349	5.880	3.175	0.54	1.385	5.635	3.043	0.54	1.443
24	24	6.566	2.758	0.42	1.327	6.321	2.655	0.42	1.400	6.174	2.593	0.42	1.443	5.978	2.511	0.42	1.516
25	20	6.003	4.202	0.70	1.225	5.758	4.031	0.70	1.298	5.586	3.910	0.70	1.327	5.390	3.773	0.70	1.385
25	22	6.248	3.624	0.58	1.268	6.027	3.496	0.58	1.349	5.880	3.410	0.58	1.385	5.635	3.268	0.58	1.443
25	24	6.566	3.020	0.46	1.327	6.321	2.908	0.46	1.400	6.174	2.840	0.46	1.443	5.978	2.750	0.46	1.516
26	18	5.758	4.952	0.86	1.166	5.513	4.741	0.86	1.225	5.292	4.551	0.86	1.283	5.096	4.383	0.86	1.341
26	20	6.003	4.442	0.74	1.225	5.758	4.261	0.74	1.298	5.586	4.134	0.74	1.327	5.390	3.989	0.74	1.385
26	22	6.248	3.874	0.62	1.268	6.027	3.737	0.62	1.349	5.880	3.646	0.62	1.385	5.635	3.494	0.62	1.443
26	24	6.566	3.283	0.50	1.327	6.321	3.161	0.50	1.400	6.174	3.087	0.50	1.443	5.978	2.989	0.50	1.516
26	26	6.762	2.570	0.38	1.400	6.566	2.495	0.38	1.473	6.468	2.458	0.38	1.516	6.272	2.383	0.38	1.560
27	18	5.758	5.182	0.90	1.166	5.513	4.962	0.90	1.225	5.292	4.763	0.90	1.283	5.096	4.586	0.90	1.341
27	20	6.003	4.682	0.78	1.225	5.758	4.491	0.78	1.298	5.586	4.357	0.78	1.327	5.390	4.204	0.78	1.385
27	22	6.248	4.124	0.66	1.268	6.027	3.978	0.66	1.349	5.880	3.881	0.66	1.385	5.635	3.719	0.66	1.443
27	24	6.566	3.546	0.54	1.327	6.321	3.413	0.54	1.400	6.174	3.334	0.54	1.443	5.978	3.228	0.54	1.516
27	26	6.762	2.840	0.42	1.400	6.566	2.758	0.42	1.473	6.468	2.717	0.42	1.516	6.272	2.634	0.42	1.560
28	18	5.758	5.413	0.94	1.166	5.513	5.182	0.94	1.225	5.292	4.974	0.94	1.283	5.096	4.790	0.94	1.341
28	20	6.003	4.922	0.82	1.225	5.758	4.722	0.82	1.298	5.586	4.581	0.82	1.327	5.390	4.420	0.82	1.385
28	22	6.248	4.374	0.70	1.268	6.027	4.219	0.70	1.349	5.880	4.116	0.70	1.385	5.635	3.945	0.70	1.443
28	24	6.566	3.808	0.58	1.327	6.321	3.666	0.58	1.400	6.174	3.581	0.58	1.443	5.978	3.467	0.58	1.516
28	26	6.762	3.111	0.46	1.400	6.566	3.020	0.46	1.473	6.468	2.975	0.46	1.516	6.272	2.885	0.46	1.560
29	18	5.758	5.643	0.98	1.166	5.513	5.403	0.98	1.225	5.292	5.186	0.98	1.283	5.096	4.994	0.98	1.341
29	20	6.003	5.163	0.86	1.225	5.758	4.952	0.86	1.298	5.586	4.804	0.86	1.327	5.390	4.635	0.86	1.385
29	22	6.248	4.624	0.74	1.268	6.027	4.460	0.74	1.349	5.880	4.351	0.74	1.385	5.635	4.170	0.74	1.443
29	24	6.566	4.071	0.62	1.327	6.321	3.919	0.62	1.400	6.174	3.828	0.62	1.443	5.978	3.706	0.62	1.516
29	26	6.762	3.381	0.50	1.400	6.566	3.283	0.50	1.473	6.468	3.234	0.50	1.516	6.272	3.136	0.50	1.560
30	18	5.758	5.758	1.00	1.166	5.513	5.513	1.00	1.225	5.292	5.292	1.00	1.283	5.096	5.096	1.00	1.341
30	20	6.003	5.403	0.90	1.225	5.758	5.182	0.90	1.298	5.586	5.027	0.90	1.327	5.390	4.851	0.90	1.385
30	22	6.248	4.873	0.78	1.268	6.027	4.701	0.78	1.349	5.880	4.586	0.78	1.385	5.635	4.395	0.78	1.443
30	24	6.566	4.334	0.66	1.327	6.321	4.172	0.66	1.400	6.174	4.075	0.66	1.443	5.978	3.945	0.66	1.516
30	26	6.762	3.651	0.54	1.400	6.566	3.546	0.54	1.473	6.468	3.493	0.54	1.516	6.272	3.387	0.54	1.560
31	18	5.758	5.758	1.00	1.166	5.513	5.513	1.00	1.225	5.292	5.292	1.00	1.283	5.096	5.096	1.00	1.341
31	20	6.003	5.643	0.94	1.225	5.758	5.413	0.94	1.298	5.586	5.251	0.94	1.327	5.390	5.067	0.94	1.385
31	22	6.248	5.123	0.82	1.268	6.027	4.942	0.82	1.349	5.880	4.822	0.82	1.385	5.635	4.621	0.82	1.443
31	24	6.566	4.596	0.70	1.327	6.321	4.425	0.70	1.400	6.174	4.322	0.70	1.443	5.978	4.185	0.70	1.516
31	26	6.762	3.922	0.58	1.400	6.566	3.808	0.58	1.473	6.468	3.751	0.58	1.516	6.272	3.638	0.58	1.560
32	18	5.758	5.758	1.00	1.166	5.513	5.513	1.00	1.225	5.292	5.292	1.00	1.283	5.096	5.096	1.00	1.341
32	20	6.003	5.883	0.98	1.225	5.758	5.643	0.98	1.298	5.586	5.474	0.98	1.327	5.390	5.282	0.98	1.385
32	22	6.248	5.373	0.86	1.268	6.027	5.183	0.86	1.349	5.880	5.057	0.86	1.385	5.635	4.846	0.86	1.443
32	24	6.566	4.859	0.74	1.327	6.321	4.678	0.74	1.400	6.174	4.569	0.74	1.443	5.978	4.424	0.74	1.516
32	26	6.762	4.192	0.62	1.400	6.566	4.071	0.62	1.473	6.468	4.010	0.62	1.516	6.272	3.889	0.62	1.560

CEILING-CONCEALED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.802	3.169	0.66	1.429	4.410	2.911	0.66	1.516	4.067	2.684	0.66	1.575
21	20	5.047	2.725	0.54	1.487	4.704	2.540	0.54	1.560	4.361	2.355	0.54	1.648
22	18	4.802	3.361	0.70	1.429	4.410	3.087	0.70	1.516	4.067	2.847	0.70	1.575
22	20	5.047	2.927	0.58	1.487	4.704	2.728	0.58	1.560	4.361	2.529	0.58	1.648
22	22	5.341	2.457	0.46	1.545	4.998	2.299	0.46	1.633	4.655	2.141	0.46	1.691
23	18	4.802	3.553	0.74	1.429	4.410	3.263	0.74	1.516	4.067	3.010	0.74	1.575
23	20	5.047	3.129	0.62	1.487	4.704	2.916	0.62	1.560	4.361	2.704	0.62	1.648
23	22	5.341	2.671	0.50	1.545	4.998	2.499	0.50	1.633	4.655	2.328	0.50	1.691
24	18	4.802	3.746	0.78	1.429	4.410	3.440	0.78	1.516	4.067	3.172	0.78	1.575
24	20	5.047	3.331	0.66	1.487	4.704	3.105	0.66	1.560	4.361	2.878	0.66	1.648
24	22	5.341	2.884	0.54	1.545	4.998	2.699	0.54	1.633	4.655	2.514	0.54	1.691
24	24	5.635	2.367	0.42	1.604	5.292	2.223	0.42	1.677	4.998	2.099	0.42	1.750
25	20	5.047	3.533	0.70	1.487	4.704	3.293	0.70	1.560	4.361	3.053	0.70	1.648
25	22	5.341	3.098	0.58	1.545	4.998	2.899	0.58	1.633	4.655	2.700	0.58	1.691
25	24	5.635	2.592	0.46	1.604	5.292	2.434	0.46	1.677	4.998	2.299	0.46	1.750
26	18	4.802	4.130	0.86	1.429	4.410	3.793	0.86	1.516	4.067	3.498	0.86	1.575
26	20	5.047	3.735	0.74	1.487	4.704	3.481	0.74	1.560	4.361	3.227	0.74	1.648
26	22	5.341	3.311	0.62	1.545	4.998	3.099	0.62	1.633	4.655	2.886	0.62	1.691
26	24	5.635	2.818	0.50	1.604	5.292	2.646	0.50	1.677	4.998	2.499	0.50	1.750
26	26	5.929	2.253	0.38	1.662	5.586	2.123	0.38	1.735	5.243	1.992	0.38	1.808
27	18	4.802	4.322	0.90	1.429	4.410	3.969	0.90	1.516	4.067	3.660	0.90	1.575
27	20	5.047	3.937	0.78	1.487	4.704	3.669	0.78	1.560	4.361	3.402	0.78	1.648
27	22	5.341	3.525	0.66	1.545	4.998	3.299	0.66	1.633	4.655	3.072	0.66	1.691
27	24	5.635	3.043	0.54	1.604	5.292	2.858	0.54	1.677	4.998	2.699	0.54	1.750
27	26	5.929	2.490	0.42	1.662	5.586	2.346	0.42	1.735	5.243	2.202	0.42	1.808
28	18	4.802	4.514	0.94	1.429	4.410	4.145	0.94	1.516	4.067	3.823	0.94	1.575
28	20	5.047	4.139	0.82	1.487	4.704	3.857	0.82	1.560	4.361	3.576	0.82	1.648
28	22	5.341	3.739	0.70	1.545	4.998	3.499	0.70	1.633	4.655	3.259	0.70	1.691
28	24	5.635	3.268	0.58	1.604	5.292	3.069	0.58	1.677	4.998	2.899	0.58	1.750
28	26	5.929	2.727	0.46	1.662	5.586	2.570	0.46	1.735	5.243	2.412	0.46	1.808
29	18	4.802	4.706	0.98	1.429	4.410	4.322	0.98	1.516	4.067	3.986	0.98	1.575
29	20	5.047	4.340	0.86	1.487	4.704	4.045	0.86	1.560	4.361	3.750	0.86	1.648
29	22	5.341	3.952	0.74	1.545	4.998	3.699	0.74	1.633	4.655	3.445	0.74	1.691
29	24	5.635	3.494	0.62	1.604	5.292	3.281	0.62	1.677	4.998	3.099	0.62	1.750
29	26	5.929	2.965	0.50	1.662	5.586	2.793	0.50	1.735	5.243	2.622	0.50	1.808
30	18	4.802	4.802	1.00	1.429	4.410	4.410	1.00	1.516	4.067	4.067	1.00	1.575
30	20	5.047	4.542	0.90	1.487	4.704	4.234	0.90	1.560	4.361	3.925	0.90	1.648
30	22	5.341	4.166	0.78	1.545	4.998	3.898	0.78	1.633	4.655	3.631	0.78	1.691
30	24	5.635	3.719	0.66	1.604	5.292	3.493	0.66	1.677	4.998	3.299	0.66	1.750
30	26	5.929	3.202	0.54	1.662	5.586	3.016	0.54	1.735	5.243	2.831	0.54	1.808
31	18	4.802	4.802	1.00	1.429	4.410	4.410	1.00	1.516	4.067	4.067	1.00	1.575
31	20	5.047	4.744	0.94	1.487	4.704	4.422	0.94	1.560	4.361	4.099	0.94	1.648
31	22	5.341	4.380	0.82	1.545	4.998	4.098	0.82	1.633	4.655	3.817	0.82	1.691
31	24	5.635	3.945	0.70	1.604	5.292	3.704	0.70	1.677	4.998	3.499	0.70	1.750
31	26	5.929	3.439	0.58	1.662	5.586	3.240	0.58	1.735	5.243	3.041	0.58	1.808
32	18	4.802	4.802	1.00	1.429	4.410	4.410	1.00	1.516	4.067	4.067	1.00	1.575
32	20	5.047	4.946	0.98	1.487	4.704	4.610	0.98	1.560	4.361	4.274	0.98	1.648
32	22	5.341	4.593	0.86	1.545	4.998	4.298	0.86	1.633	4.655	4.003	0.86	1.691
32	24	5.635	4.170	0.74	1.604	5.292	3.916	0.74	1.677	4.998	3.699	0.74	1.750
32	26	5.929	3.676	0.62	1.662	5.586	3.463	0.62	1.735	5.243	3.251	0.62	1.808

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-KA60VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	4.354	0.65	1.322	6.413	4.168	0.65	1.388	6.156	4.001	0.65	1.454	5.928	3.853	0.65	1.520
21	20	6.983	3.701	0.53	1.388	6.698	3.550	0.53	1.470	6.498	3.444	0.53	1.503	6.270	3.323	0.53	1.569
22	18	6.698	4.622	0.69	1.322	6.413	4.425	0.69	1.388	6.156	4.248	0.69	1.454	5.928	4.090	0.69	1.520
22	20	6.983	3.980	0.57	1.388	6.698	3.818	0.57	1.470	6.498	3.704	0.57	1.503	6.270	3.574	0.57	1.569
22	22	7.268	3.271	0.45	1.437	7.011	3.155	0.45	1.528	6.840	3.078	0.45	1.569	6.555	2.950	0.45	1.635
23	18	6.698	4.890	0.73	1.322	6.413	4.681	0.73	1.388	6.156	4.494	0.73	1.454	5.928	4.327	0.73	1.520
23	20	6.983	4.260	0.61	1.388	6.698	4.086	0.61	1.470	6.498	3.964	0.61	1.503	6.270	3.825	0.61	1.569
23	22	7.268	3.561	0.49	1.437	7.011	3.435	0.49	1.528	6.840	3.352	0.49	1.569	6.555	3.212	0.49	1.635
24	18	6.698	5.157	0.77	1.322	6.413	4.938	0.77	1.388	6.156	4.740	0.77	1.454	5.928	4.565	0.77	1.520
24	20	6.983	4.539	0.65	1.388	6.698	4.354	0.65	1.470	6.498	4.224	0.65	1.503	6.270	4.076	0.65	1.569
24	22	7.268	3.852	0.53	1.437	7.011	3.716	0.53	1.528	6.840	3.625	0.53	1.569	6.555	3.474	0.53	1.635
24	24	7.638	3.132	0.41	1.503	7.353	3.015	0.41	1.586	7.182	2.945	0.41	1.635	6.954	2.851	0.41	1.718
25	20	6.983	4.818	0.69	1.388	6.698	4.622	0.69	1.470	6.498	4.484	0.69	1.503	6.270	4.326	0.69	1.569
25	22	7.268	4.143	0.57	1.437	7.011	3.996	0.57	1.528	6.840	3.899	0.57	1.569	6.555	3.736	0.57	1.635
25	24	7.638	3.437	0.45	1.503	7.353	3.309	0.45	1.586	7.182	3.232	0.45	1.635	6.954	3.129	0.45	1.718
26	18	6.698	5.693	0.85	1.322	6.413	5.451	0.85	1.388	6.156	5.233	0.85	1.454	5.928	5.039	0.85	1.520
26	20	6.983	5.098	0.73	1.388	6.698	4.890	0.73	1.470	6.498	4.744	0.73	1.503	6.270	4.577	0.73	1.569
26	22	7.268	4.433	0.61	1.437	7.011	4.277	0.61	1.528	6.840	4.172	0.61	1.569	6.555	3.999	0.61	1.635
26	24	7.638	3.743	0.49	1.503	7.353	3.603	0.49	1.586	7.182	3.519	0.49	1.635	6.954	3.407	0.49	1.718
26	26	7.866	2.910	0.37	1.586	7.638	2.826	0.37	1.669	7.524	2.784	0.37	1.718	7.296	2.700	0.37	1.768
27	18	6.698	5.961	0.89	1.322	6.413	5.708	0.89	1.388	6.156	5.479	0.89	1.454	5.928	5.276	0.89	1.520
27	20	6.983	5.377	0.77	1.388	6.698	5.157	0.77	1.470	6.498	5.003	0.77	1.503	6.270	4.828	0.77	1.569
27	22	7.268	4.724	0.65	1.437	7.011	4.557	0.65	1.528	6.840	4.446	0.65	1.569	6.555	4.261	0.65	1.635
27	24	7.638	4.048	0.53	1.503	7.353	3.897	0.53	1.586	7.182	3.806	0.53	1.635	6.954	3.686	0.53	1.718
27	26	7.866	3.225	0.41	1.586	7.638	3.132	0.41	1.669	7.524	3.085	0.41	1.718	7.296	2.991	0.41	1.768
28	18	6.698	6.229	0.93	1.322	6.413	5.964	0.93	1.388	6.156	5.725	0.93	1.454	5.928	5.513	0.93	1.520
28	20	6.983	5.656	0.81	1.388	6.698	5.425	0.81	1.470	6.498	5.263	0.81	1.503	6.270	5.079	0.81	1.569
28	22	7.268	5.015	0.69	1.437	7.011	4.838	0.69	1.528	6.840	4.720	0.69	1.569	6.555	4.523	0.69	1.635
28	24	7.638	4.354	0.57	1.503	7.353	4.191	0.57	1.586	7.182	4.094	0.57	1.635	6.954	3.964	0.57	1.718
28	26	7.866	3.540	0.45	1.586	7.638	3.437	0.45	1.669	7.524	3.386	0.45	1.718	7.296	3.283	0.45	1.768
29	18	6.698	6.497	0.97	1.322	6.413	6.221	0.97	1.388	6.156	5.971	0.97	1.454	5.928	5.750	0.97	1.520
29	20	6.983	5.936	0.85	1.388	6.698	5.693	0.85	1.470	6.498	5.523	0.85	1.503	6.270	5.330	0.85	1.569
29	22	7.268	5.306	0.73	1.437	7.011	5.118	0.73	1.528	6.840	4.993	0.73	1.569	6.555	4.785	0.73	1.635
29	24	7.638	4.659	0.61	1.503	7.353	4.485	0.61	1.586	7.182	4.381	0.61	1.635	6.954	4.242	0.61	1.718
29	26	7.866	3.854	0.49	1.586	7.638	3.743	0.49	1.669	7.524	3.687	0.49	1.718	7.296	3.575	0.49	1.768
30	18	6.698	6.698	1.00	1.322	6.413	6.413	1.00	1.388	6.156	6.156	1.00	1.454	5.928	5.928	1.00	1.520
30	20	6.983	6.215	0.89	1.388	6.698	5.961	0.89	1.470	6.498	5.783	0.89	1.503	6.270	5.580	0.89	1.569
30	22	7.268	5.596	0.77	1.437	7.011	5.398	0.77	1.528	6.840	5.267	0.77	1.569	6.555	5.047	0.77	1.635
30	24	7.638	4.965	0.65	1.503	7.353	4.779	0.65	1.586	7.182	4.668	0.65	1.635	6.954	4.520	0.65	1.718
30	26	7.866	4.169	0.53	1.586	7.638	4.048	0.53	1.669	7.524	3.988	0.53	1.718	7.296	3.867	0.53	1.768
31	18	6.698	6.698	1.00	1.322	6.413	6.413	1.00	1.388	6.156	6.156	1.00	1.454	5.928	5.928	1.00	1.520
31	20	6.983	6.494	0.93	1.388	6.698	6.229	0.93	1.470	6.498	6.043	0.93	1.503	6.270	5.831	0.93	1.569
31	22	7.268	5.887	0.81	1.437	7.011	5.679	0.81	1.528	6.840	5.540	0.81	1.569	6.555	5.310	0.81	1.635
31	24	7.638	5.270	0.69	1.503	7.353	5.074	0.69	1.586	7.182	4.956	0.69	1.635	6.954	4.798	0.69	1.718
31	26	7.866	4.484	0.57	1.586	7.638	4.354	0.57	1.669	7.524	4.289	0.57	1.718	7.296	4.159	0.57	1.768
32	18	6.698	6.698	1.00	1.322	6.413	6.413	1.00	1.388	6.156	6.156	1.00	1.454	5.928	5.928	1.00	1.520
32	20	6.983	6.774	0.97	1.388	6.698	6.497	0.97	1.470	6.498	6.303	0.97	1.503	6.270	6.082	0.97	1.569
32	22	7.268	6.178	0.85	1.437	7.011	5.959	0.85	1.528	6.840	5.814	0.85	1.569	6.555	5.572	0.85	1.635
32	24	7.638	5.576	0.73	1.503	7.353	5.368	0.73	1.586	7.182	5.243	0.73	1.635	6.954	5.076	0.73	1.718
32	26	7.866	4.798	0.61	1.586	7.638	4.659	0.61	1.669	7.524	4.590	0.61	1.718	7.296	4.451	0.61	1.768

CEILING-CONCEALED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-KA60VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	3.631	0.65	1.619	5.130	3.335	0.65	1.718	4.731	3.075	0.65	1.784
21	20	5.871	3.112	0.53	1.685	5.472	2.900	0.53	1.768	5.073	2.689	0.53	1.867
22	18	5.586	3.854	0.69	1.619	5.130	3.540	0.69	1.718	4.731	3.264	0.69	1.784
22	20	5.871	3.346	0.57	1.685	5.472	3.119	0.57	1.768	5.073	2.892	0.57	1.867
22	22	6.213	2.796	0.45	1.751	5.814	2.616	0.45	1.850	5.415	2.437	0.45	1.916
23	18	5.586	4.078	0.73	1.619	5.130	3.745	0.73	1.718	4.731	3.454	0.73	1.784
23	20	5.871	3.581	0.61	1.685	5.472	3.338	0.61	1.768	5.073	3.095	0.61	1.867
23	22	6.213	3.044	0.49	1.751	5.814	2.849	0.49	1.850	5.415	2.653	0.49	1.916
24	18	5.586	4.301	0.77	1.619	5.130	3.950	0.77	1.718	4.731	3.643	0.77	1.784
24	20	5.871	3.816	0.65	1.685	5.472	3.557	0.65	1.768	5.073	3.297	0.65	1.867
24	22	6.213	3.293	0.53	1.751	5.814	3.081	0.53	1.850	5.415	2.870	0.53	1.916
24	24	6.555	2.688	0.41	1.817	6.156	2.524	0.41	1.900	5.814	2.384	0.41	1.982
25	20	5.871	4.051	0.69	1.685	5.472	3.776	0.69	1.768	5.073	3.500	0.69	1.867
25	22	6.213	3.541	0.57	1.751	5.814	3.314	0.57	1.850	5.415	3.087	0.57	1.916
25	24	6.555	2.950	0.45	1.817	6.156	2.770	0.45	1.900	5.814	2.616	0.45	1.982
26	18	5.586	4.748	0.85	1.619	5.130	4.361	0.85	1.718	4.731	4.021	0.85	1.784
26	20	5.871	4.286	0.73	1.685	5.472	3.995	0.73	1.768	5.073	3.703	0.73	1.867
26	22	6.213	3.790	0.61	1.751	5.814	3.547	0.61	1.850	5.415	3.303	0.61	1.916
26	24	6.555	3.212	0.49	1.817	6.156	3.016	0.49	1.900	5.814	2.849	0.49	1.982
26	26	6.897	2.552	0.37	1.883	6.498	2.404	0.37	1.966	6.099	2.257	0.37	2.048
27	18	5.586	4.972	0.89	1.619	5.130	4.566	0.89	1.718	4.731	4.211	0.89	1.784
27	20	5.871	4.521	0.77	1.685	5.472	4.213	0.77	1.768	5.073	3.906	0.77	1.867
27	22	6.213	4.038	0.65	1.751	5.814	3.779	0.65	1.850	5.415	3.520	0.65	1.916
27	24	6.555	3.474	0.53	1.817	6.156	3.263	0.53	1.900	5.814	3.081	0.53	1.982
27	26	6.897	2.828	0.41	1.883	6.498	2.664	0.41	1.966	6.099	2.501	0.41	2.048
28	18	5.586	5.195	0.93	1.619	5.130	4.771	0.93	1.718	4.731	4.400	0.93	1.784
28	20	5.871	4.756	0.81	1.685	5.472	4.432	0.81	1.768	5.073	4.109	0.81	1.867
28	22	6.213	4.287	0.69	1.751	5.814	4.012	0.69	1.850	5.415	3.736	0.69	1.916
28	24	6.555	3.736	0.57	1.817	6.156	3.509	0.57	1.900	5.814	3.314	0.57	1.982
28	26	6.897	3.104	0.45	1.883	6.498	2.924	0.45	1.966	6.099	2.745	0.45	2.048
29	18	5.586	5.418	0.97	1.619	5.130	4.976	0.97	1.718	4.731	4.589	0.97	1.784
29	20	5.871	4.990	0.85	1.685	5.472	4.651	0.85	1.768	5.073	4.312	0.85	1.867
29	22	6.213	4.535	0.73	1.751	5.814	4.244	0.73	1.850	5.415	3.953	0.73	1.916
29	24	6.555	3.999	0.61	1.817	6.156	3.755	0.61	1.900	5.814	3.547	0.61	1.982
29	26	6.897	3.380	0.49	1.883	6.498	3.184	0.49	1.966	6.099	2.989	0.49	2.048
30	18	5.586	5.586	1.00	1.619	5.130	5.130	1.00	1.718	4.731	4.731	1.00	1.784
30	20	5.871	5.225	0.89	1.685	5.472	4.870	0.89	1.768	5.073	4.515	0.89	1.867
30	22	6.213	4.784	0.77	1.751	5.814	4.477	0.77	1.850	5.415	4.170	0.77	1.916
30	24	6.555	4.261	0.65	1.817	6.156	4.001	0.65	1.900	5.814	3.779	0.65	1.982
30	26	6.897	3.655	0.53	1.883	6.498	3.444	0.53	1.966	6.099	3.232	0.53	2.048
31	18	5.586	5.586	1.00	1.619	5.130	5.130	1.00	1.718	4.731	4.731	1.00	1.784
31	20	5.871	5.460	0.93	1.685	5.472	5.089	0.93	1.768	5.073	4.718	0.93	1.867
31	22	6.213	5.033	0.81	1.751	5.814	4.709	0.81	1.850	5.415	4.386	0.81	1.916
31	24	6.555	4.523	0.69	1.817	6.156	4.248	0.69	1.900	5.814	4.012	0.69	1.982
31	26	6.897	3.931	0.57	1.883	6.498	3.704	0.57	1.966	6.099	3.476	0.57	2.048
32	18	5.586	5.586	1.00	1.619	5.130	5.130	1.00	1.718	4.731	4.731	1.00	1.784
32	20	5.871	5.695	0.97	1.685	5.472	5.308	0.97	1.768	5.073	4.921	0.97	1.867
32	22	6.213	5.281	0.85	1.751	5.814	4.942	0.85	1.850	5.415	4.603	0.85	1.916
32	24	6.555	4.785	0.73	1.817	6.156	4.494	0.73	1.900	5.814	4.244	0.73	1.982
32	26	6.897	4.207	0.61	1.883	6.498	3.964	0.61	1.966	6.099	3.720	0.61	2.048

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.648	7.988	4.953	0.62	1.730	7.668	4.754	0.62	1.813	7.384	4.578	0.62	1.895
21	20	8.698	4.349	0.50	1.730	8.343	4.172	0.50	1.833	8.094	4.047	0.50	1.875	7.810	3.905	0.50	1.957
22	18	8.343	5.506	0.66	1.648	7.988	5.272	0.66	1.730	7.668	5.061	0.66	1.813	7.384	4.873	0.66	1.895
22	20	8.698	4.697	0.54	1.730	8.343	4.505	0.54	1.833	8.094	4.371	0.54	1.875	7.810	4.217	0.54	1.957
22	22	9.053	3.802	0.42	1.792	8.733	3.668	0.42	1.906	8.520	3.578	0.42	1.957	8.165	3.429	0.42	2.039
23	18	8.343	5.840	0.70	1.648	7.988	5.592	0.70	1.730	7.668	5.368	0.70	1.813	7.384	5.169	0.70	1.895
23	20	8.698	5.045	0.58	1.730	8.343	4.839	0.58	1.833	8.094	4.695	0.58	1.875	7.810	4.530	0.58	1.957
23	22	9.053	4.164	0.46	1.792	8.733	4.017	0.46	1.906	8.520	3.919	0.46	1.957	8.165	3.756	0.46	2.039
24	18	8.343	6.174	0.74	1.648	7.988	5.911	0.74	1.730	7.668	5.674	0.74	1.813	7.384	5.464	0.74	1.895
24	20	8.698	5.393	0.62	1.730	8.343	5.173	0.62	1.833	8.094	5.018	0.62	1.875	7.810	4.842	0.62	1.957
24	22	9.053	4.527	0.50	1.792	8.733	4.367	0.50	1.906	8.520	4.260	0.50	1.957	8.165	4.083	0.50	2.039
24	24	9.514	3.615	0.38	1.875	9.159	3.480	0.38	1.978	8.946	3.399	0.38	2.039	8.662	3.292	0.38	2.142
25	20	8.698	5.741	0.66	1.730	8.343	5.506	0.66	1.833	8.094	5.342	0.66	1.875	7.810	5.155	0.66	1.957
25	22	9.053	4.889	0.54	1.792	8.733	4.716	0.54	1.906	8.520	4.601	0.54	1.957	8.165	4.409	0.54	2.039
25	24	9.514	3.996	0.42	1.875	9.159	3.847	0.42	1.978	8.946	3.757	0.42	2.039	8.662	3.638	0.42	2.142
26	18	8.343	6.841	0.82	1.648	7.988	6.550	0.82	1.730	7.668	6.288	0.82	1.813	7.384	6.055	0.82	1.895
26	20	8.698	6.089	0.70	1.730	8.343	5.840	0.70	1.833	8.094	5.666	0.70	1.875	7.810	5.467	0.70	1.957
26	22	9.053	5.251	0.58	1.792	8.733	5.065	0.58	1.906	8.520	4.942	0.58	1.957	8.165	4.736	0.58	2.039
26	24	9.514	4.376	0.46	1.875	9.159	4.213	0.46	1.978	8.946	4.115	0.46	2.039	8.662	3.985	0.46	2.142
26	26	9.798	3.331	0.34	1.978	9.514	3.235	0.34	2.081	9.372	3.186	0.34	2.142	9.088	3.090	0.34	2.204
27	18	8.343	7.175	0.86	1.648	7.988	6.870	0.86	1.730	7.668	6.594	0.86	1.813	7.384	6.350	0.86	1.895
27	20	8.698	6.437	0.74	1.730	8.343	6.174	0.74	1.833	8.094	5.990	0.74	1.875	7.810	5.779	0.74	1.957
27	22	9.053	5.613	0.62	1.792	8.733	5.414	0.62	1.906	8.520	5.282	0.62	1.957	8.165	5.062	0.62	2.039
27	24	9.514	4.757	0.50	1.875	9.159	4.580	0.50	1.978	8.946	4.473	0.50	2.039	8.662	4.331	0.50	2.142
27	26	9.798	3.723	0.38	1.978	9.514	3.615	0.38	2.081	9.372	3.561	0.38	2.142	9.088	3.453	0.38	2.204
28	18	8.343	7.509	0.90	1.648	7.988	7.189	0.90	1.730	7.668	6.901	0.90	1.813	7.384	6.646	0.90	1.895
28	20	8.698	6.764	0.78	1.730	8.343	6.508	0.78	1.833	8.094	6.313	0.78	1.875	7.810	6.092	0.78	1.957
28	22	9.053	5.975	0.66	1.792	8.733	5.764	0.66	1.906	8.520	5.623	0.66	1.957	8.165	5.389	0.66	2.039
28	24	9.514	5.138	0.54	1.875	9.159	4.946	0.54	1.978	8.946	4.831	0.54	2.039	8.662	4.677	0.54	2.142
28	26	9.798	4.115	0.42	1.978	9.514	3.996	0.42	2.081	9.372	3.936	0.42	2.142	9.088	3.817	0.42	2.204
29	18	8.343	7.842	0.94	1.648	7.988	7.509	0.94	1.730	7.668	7.208	0.94	1.813	7.384	6.941	0.94	1.895
29	20	8.698	7.132	0.82	1.730	8.343	6.841	0.82	1.833	8.094	6.637	0.82	1.875	7.810	6.404	0.82	1.957
29	22	9.053	6.337	0.70	1.792	8.733	6.113	0.70	1.906	8.520	5.964	0.70	1.957	8.165	5.716	0.70	2.039
29	24	9.514	5.518	0.58	1.875	9.159	5.312	0.58	1.978	8.946	5.189	0.58	2.039	8.662	5.024	0.58	2.142
29	26	9.798	4.507	0.46	1.978	9.514	4.376	0.46	2.081	9.372	4.311	0.46	2.142	9.088	4.180	0.46	2.204
30	18	8.343	8.176	0.98	1.648	7.988	7.828	0.98	1.730	7.668	7.515	0.98	1.813	7.384	7.236	0.98	1.895
30	20	8.698	7.480	0.86	1.730	8.343	7.175	0.86	1.833	8.094	6.961	0.86	1.875	7.810	6.717	0.86	1.957
30	22	9.053	6.699	0.74	1.792	8.733	6.462	0.74	1.906	8.520	6.305	0.74	1.957	8.165	6.042	0.74	2.039
30	24	9.514	5.899	0.62	1.875	9.159	5.679	0.62	1.978	8.946	5.547	0.62	2.039	8.662	5.370	0.62	2.142
30	26	9.798	4.899	0.50	1.978	9.514	4.757	0.50	2.081	9.372	4.686	0.50	2.142	9.088	4.544	0.50	2.204
31	18	8.343	8.343	1.00	1.648	7.988	7.988	1.00	1.730	7.668	7.668	1.00	1.813	7.384	7.384	1.00	1.895
31	20	8.698	7.828	0.90	1.730	8.343	7.509	0.90	1.833	8.094	7.285	0.90	1.875	7.810	7.029	0.90	1.957
31	22	9.053	7.061	0.78	1.792	8.733	6.812	0.78	1.906	8.520	6.646	0.78	1.957	8.165	6.369	0.78	2.039
31	24	9.514	6.279	0.66	1.875	9.159	6.045	0.66	1.978	8.946	5.904	0.66	2.039	8.662	5.717	0.66	2.142
31	26	9.798	5.291	0.54	1.978	9.514	5.138	0.54	2.081	9.372	5.061	0.54	2.142	9.088	4.908	0.54	2.204
32	18	8.343	8.343	1.00	1.648	7.988	7.988	1.00	1.730	7.668	7.668	1.00	1.813	7.384	7.384	1.00	1.895
32	20	8.698	8.176	0.94	1.730	8.343	7.842	0.94	1.833	8.094	7.608	0.94	1.875	7.810	7.341	0.94	1.957
32	22	9.053	7.423	0.82	1.792	8.733	7.161	0.82	1.906	8.520	6.986	0.82	1.957	8.165	6.695	0.82	2.039
32	24	9.514	6.660	0.70	1.875	9.159	6.411	0.70	1.978	8.946	6.262	0.70	2.039	8.662	6.063	0.70	2.142
32	26	9.798	5.683	0.58	1.978	9.514	5.518	0.58	2.081	9.372	5.436	0.58	2.142	9.088	5.271	0.58	2.204

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	2.019	6.390	3.962	0.62	2.142	5.893	3.654	0.62	2.225
21	20	7.313	3.657	0.50	2.101	6.816	3.408	0.50	2.204	6.319	3.160	0.50	2.328
22	18	6.958	4.592	0.66	2.019	6.390	4.217	0.66	2.142	5.893	3.889	0.66	2.225
22	20	7.313	3.949	0.54	2.101	6.816	3.681	0.54	2.204	6.319	3.412	0.54	2.328
22	22	7.739	3.250	0.42	2.184	7.242	3.042	0.42	2.307	6.745	2.833	0.42	2.390
23	18	6.958	4.871	0.70	2.019	6.390	4.473	0.70	2.142	5.893	4.125	0.70	2.225
23	20	7.313	4.242	0.58	2.101	6.816	3.953	0.58	2.204	6.319	3.665	0.58	2.328
23	22	7.739	3.560	0.46	2.184	7.242	3.331	0.46	2.307	6.745	3.103	0.46	2.390
24	18	6.958	5.149	0.74	2.019	6.390	4.729	0.74	2.142	5.893	4.361	0.74	2.225
24	20	7.313	4.534	0.62	2.101	6.816	4.226	0.62	2.204	6.319	3.918	0.62	2.328
24	22	7.739	3.870	0.50	2.184	7.242	3.621	0.50	2.307	6.745	3.373	0.50	2.390
24	24	8.165	3.103	0.38	2.266	7.668	2.914	0.38	2.369	7.242	2.752	0.38	2.472
25	20	7.313	4.827	0.66	2.101	6.816	4.499	0.66	2.204	6.319	4.171	0.66	2.328
25	22	7.739	4.179	0.54	2.184	7.242	3.911	0.54	2.307	6.745	3.642	0.54	2.390
25	24	8.165	3.429	0.42	2.266	7.668	3.221	0.42	2.369	7.242	3.042	0.42	2.472
26	18	6.958	5.706	0.82	2.019	6.390	5.240	0.82	2.142	5.893	4.832	0.82	2.225
26	20	7.313	5.119	0.70	2.101	6.816	4.771	0.70	2.204	6.319	4.423	0.70	2.328
26	22	7.739	4.489	0.58	2.184	7.242	4.200	0.58	2.307	6.745	3.912	0.58	2.390
26	24	8.165	3.756	0.46	2.266	7.668	3.527	0.46	2.369	7.242	3.331	0.46	2.472
26	26	8.591	2.921	0.34	2.348	8.094	2.752	0.34	2.451	7.597	2.583	0.34	2.554
27	18	6.958	5.984	0.86	2.019	6.390	5.495	0.86	2.142	5.893	5.068	0.86	2.225
27	20	7.313	5.412	0.74	2.101	6.816	5.044	0.74	2.204	6.319	4.676	0.74	2.328
27	22	7.739	4.798	0.62	2.184	7.242	4.490	0.62	2.307	6.745	4.182	0.62	2.390
27	24	8.165	4.083	0.50	2.266	7.668	3.834	0.50	2.369	7.242	3.621	0.50	2.472
27	26	8.591	3.265	0.38	2.348	8.094	3.076	0.38	2.451	7.597	2.887	0.38	2.554
28	18	6.958	6.262	0.90	2.019	6.390	5.751	0.90	2.142	5.893	5.304	0.90	2.225
28	20	7.313	5.704	0.78	2.101	6.816	5.316	0.78	2.204	6.319	4.929	0.78	2.328
28	22	7.739	5.108	0.66	2.184	7.242	4.780	0.66	2.307	6.745	4.452	0.66	2.390
28	24	8.165	4.409	0.54	2.266	7.668	4.141	0.54	2.369	7.242	3.911	0.54	2.472
28	26	8.591	3.608	0.42	2.348	8.094	3.399	0.42	2.451	7.597	3.191	0.42	2.554
29	18	6.958	6.541	0.94	2.019	6.390	6.007	0.94	2.142	5.893	5.539	0.94	2.225
29	20	7.313	5.997	0.82	2.101	6.816	5.589	0.82	2.204	6.319	5.182	0.82	2.328
29	22	7.739	5.417	0.70	2.184	7.242	5.069	0.70	2.307	6.745	4.722	0.70	2.390
29	24	8.165	4.736	0.58	2.266	7.668	4.447	0.58	2.369	7.242	4.200	0.58	2.472
29	26	8.591	3.952	0.46	2.348	8.094	3.723	0.46	2.451	7.597	3.495	0.46	2.554
30	18	6.958	6.819	0.98	2.019	6.390	6.262	0.98	2.142	5.893	5.775	0.98	2.225
30	20	7.313	6.289	0.86	2.101	6.816	5.862	0.86	2.204	6.319	5.434	0.86	2.328
30	22	7.739	5.727	0.74	2.184	7.242	5.359	0.74	2.307	6.745	4.991	0.74	2.390
30	24	8.165	5.062	0.62	2.266	7.668	4.754	0.62	2.369	7.242	4.490	0.62	2.472
30	26	8.591	4.296	0.50	2.348	8.094	4.047	0.50	2.451	7.597	3.799	0.50	2.554
31	18	6.958	6.958	1.00	2.019	6.390	6.390	1.00	2.142	5.893	5.893	1.00	2.225
31	20	7.313	6.582	0.90	2.101	6.816	6.134	0.90	2.204	6.319	5.687	0.90	2.328
31	22	7.739	6.036	0.78	2.184	7.242	5.649	0.78	2.307	6.745	5.261	0.78	2.390
31	24	8.165	5.389	0.66	2.266	7.668	5.061	0.66	2.369	7.242	4.780	0.66	2.472
31	26	8.591	4.639	0.54	2.348	8.094	4.371	0.54	2.451	7.597	4.102	0.54	2.554
32	18	6.958	6.958	1.00	2.019	6.390	6.390	1.00	2.142	5.893	5.893	1.00	2.225
32	20	7.313	6.874	0.94	2.101	6.816	6.407	0.94	2.204	6.319	5.940	0.94	2.328
32	22	7.739	6.346	0.82	2.184	7.242	5.938	0.82	2.307	6.745	5.531	0.82	2.390
32	24	8.165	5.716	0.70	2.266	7.668	5.368	0.70	2.369	7.242	5.069	0.70	2.472
32	26	8.591	4.983	0.58	2.348	8.094	4.695	0.58	2.451	7.597	4.406	0.58	2.554

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M100JA(L)2 / PUHZ-P100VKA PUHZ-P100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	2.302	9.120	6.566	0.72	2.432	8.835	6.361	0.72	2.576
20	18	10.070	6.042	0.60	2.346	9.785	5.871	0.60	2.475	9.453	5.672	0.60	2.648
20	20	10.830	5.198	0.48	2.418	10.593	5.085	0.48	2.533	10.308	4.948	0.48	2.705
22	16	9.405	7.524	0.80	2.302	9.120	7.296	0.80	2.432	8.835	7.068	0.80	2.576
22	18	10.070	6.848	0.68	2.346	9.785	6.654	0.68	2.475	9.453	6.428	0.68	2.648
22	20	10.830	6.065	0.56	2.418	10.593	5.932	0.56	2.533	10.308	5.772	0.56	2.705
24	16	9.405	8.276	0.88	2.302	9.120	8.026	0.88	2.432	8.835	7.775	0.88	2.576
24	18	10.070	7.653	0.76	2.346	9.785	7.437	0.76	2.475	9.453	7.184	0.76	2.648
24	20	10.830	6.931	0.64	2.418	10.593	6.780	0.64	2.533	10.308	6.597	0.64	2.705
24	22	11.543	6.002	0.52	2.475	11.305	5.879	0.52	2.619	11.020	5.730	0.52	2.792
26	16	9.405	9.029	0.96	2.302	9.120	8.755	0.96	2.432	8.835	8.482	0.96	2.576
26	18	10.070	8.459	0.84	2.346	9.785	8.219	0.84	2.475	9.453	7.941	0.84	2.648
26	20	10.830	7.798	0.72	2.418	10.593	7.627	0.72	2.533	10.308	7.422	0.72	2.705
26	22	11.543	6.926	0.60	2.475	11.305	6.783	0.60	2.619	11.020	6.612	0.60	2.792
27	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
27	18	10.070	8.862	0.88	2.346	9.785	8.611	0.88	2.475	9.453	8.319	0.88	2.648
27	20	10.830	8.231	0.76	2.418	10.593	8.051	0.76	2.533	10.308	7.834	0.76	2.705
27	22	11.543	7.388	0.64	2.475	11.305	7.235	0.64	2.619	11.020	7.053	0.64	2.792
28	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
28	18	10.070	9.264	0.92	2.346	9.785	9.002	0.92	2.475	9.453	8.697	0.92	2.648
28	20	10.830	8.664	0.80	2.418	10.593	8.474	0.80	2.533	10.308	8.246	0.80	2.705
28	22	11.543	7.849	0.68	2.475	11.305	7.687	0.68	2.619	11.020	7.494	0.68	2.792
30	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
30	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
30	20	10.830	9.530	0.88	2.418	10.593	9.322	0.88	2.533	10.308	9.071	0.88	2.705
30	22	11.543	8.773	0.76	2.475	11.305	8.592	0.76	2.619	11.020	8.375	0.76	2.792
32	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
32	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
32	20	10.830	10.397	0.96	2.418	10.593	10.169	0.96	2.533	10.308	9.896	0.96	2.705
32	22	11.543	9.696	0.84	2.475	11.305	9.496	0.84	2.619	11.020	9.257	0.84	2.792
34	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
34	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
34	20	10.830	10.830	1.00	2.418	10.593	10.593	1.00	2.533	10.308	10.308	1.00	2.705
34	22	11.543	10.620	0.92	2.475	11.305	10.401	0.92	2.619	11.020	10.138	0.92	2.792

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.763	8.075	5.814	0.72	2.964	7.695	5.540	0.72	3.209
20	18	9.120	5.472	0.60	2.835	8.835	5.301	0.60	3.051	8.265	4.959	0.60	3.281
20	20	9.880	4.742	0.48	2.907	9.500	4.560	0.48	3.108	8.930	4.286	0.48	3.338
22	16	8.455	6.764	0.80	2.763	8.075	6.460	0.80	2.964	7.695	6.156	0.80	3.209
22	18	9.120	6.202	0.68	2.835	8.835	6.008	0.68	3.051	8.265	5.620	0.68	3.281
22	20	9.880	5.533	0.56	2.907	9.500	5.320	0.56	3.108	8.930	5.001	0.56	3.338
24	16	8.455	7.440	0.88	2.763	8.075	7.106	0.88	2.964	7.695	6.772	0.88	3.209
24	18	9.120	6.931	0.76	2.835	8.835	6.715	0.76	3.051	8.265	6.281	0.76	3.281
24	20	9.880	6.323	0.64	2.907	9.500	6.080	0.64	3.108	8.930	5.715	0.64	3.338
24	22	10.640	5.533	0.52	2.964	10.260	5.335	0.52	3.195	9.690	5.039	0.52	3.396
26	16	8.455	8.117	0.96	2.763	8.075	7.752	0.96	2.964	7.695	7.387	0.96	3.209
26	18	9.120	7.661	0.84	2.835	8.835	7.421	0.84	3.051	8.265	6.943	0.84	3.281
26	20	9.880	7.114	0.72	2.907	9.500	6.840	0.72	3.108	8.930	6.430	0.72	3.338
26	22	10.640	6.384	0.60	2.964	10.260	6.156	0.60	3.195	9.690	5.814	0.60	3.396
27	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
27	18	9.120	8.026	0.88	2.835	8.835	7.775	0.88	3.051	8.265	7.273	0.88	3.281
27	20	9.880	7.509	0.76	2.907	9.500	7.220	0.76	3.108	8.930	6.787	0.76	3.338
27	22	10.640	6.810	0.64	2.964	10.260	6.566	0.64	3.195	9.690	6.202	0.64	3.396
28	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
28	18	9.120	8.390	0.92	2.835	8.835	8.128	0.92	3.051	8.265	7.604	0.92	3.281
28	20	9.880	7.904	0.80	2.907	9.500	7.600	0.80	3.108	8.930	7.144	0.80	3.338
28	22	10.640	7.235	0.68	2.964	10.260	6.977	0.68	3.195	9.690	6.589	0.68	3.396
30	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
30	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
30	20	9.880	8.694	0.88	2.907	9.500	8.360	0.88	3.108	8.930	7.858	0.88	3.338
30	22	10.640	8.086	0.76	2.964	10.260	7.798	0.76	3.195	9.690	7.364	0.76	3.396
32	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
32	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
32	20	9.880	9.485	0.96	2.907	9.500	9.120	0.96	3.108	8.930	8.573	0.96	3.338
32	22	10.640	8.938	0.84	2.964	10.260	8.618	0.84	3.195	9.690	8.140	0.84	3.396
34	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
34	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
34	20	9.880	9.880	1.00	2.907	9.500	9.500	1.00	3.108	8.930	8.930	1.00	3.338
34	22	10.640	9.789	0.92	2.964	10.260	9.439	0.92	3.195	9.690	8.915	0.92	3.396

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M125JA(L)2 / PUHZ-P125VKA PUHZ-P125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	8.146	0.68	3.215	11.616	7.899	0.68	3.396	11.253	7.652	0.68	3.597
20	18	12.826	7.183	0.56	3.275	12.463	6.979	0.56	3.456	12.040	6.742	0.56	3.697
20	20	13.794	6.069	0.44	3.376	13.492	5.936	0.44	3.537	13.129	5.777	0.44	3.778
22	16	11.979	9.104	0.76	3.215	11.616	8.828	0.76	3.396	11.253	8.552	0.76	3.597
22	18	12.826	8.209	0.64	3.275	12.463	7.976	0.64	3.456	12.040	7.706	0.64	3.697
22	20	13.794	7.173	0.52	3.376	13.492	7.016	0.52	3.537	13.129	6.827	0.52	3.778
24	16	11.979	10.062	0.84	3.215	11.616	9.757	0.84	3.396	11.253	9.453	0.84	3.597
24	18	12.826	9.235	0.72	3.275	12.463	8.973	0.72	3.456	12.040	8.669	0.72	3.697
24	20	13.794	8.276	0.60	3.376	13.492	8.095	0.60	3.537	13.129	7.877	0.60	3.778
24	22	14.702	7.057	0.48	3.456	14.399	6.912	0.48	3.657	14.036	6.737	0.48	3.898
26	16	11.979	11.021	0.92	3.215	11.616	10.687	0.92	3.396	11.253	10.353	0.92	3.597
26	18	12.826	10.261	0.80	3.275	12.463	9.970	0.80	3.456	12.040	9.632	0.80	3.697
26	20	13.794	9.380	0.68	3.376	13.492	9.175	0.68	3.537	13.129	8.928	0.68	3.778
26	22	14.702	8.233	0.56	3.456	14.399	8.063	0.56	3.657	14.036	7.860	0.56	3.898
27	16	11.979	11.500	0.96	3.215	11.616	11.151	0.96	3.396	11.253	10.803	0.96	3.597
27	18	12.826	10.774	0.84	3.275	12.463	10.469	0.84	3.456	12.040	10.114	0.84	3.697
27	20	13.794	9.932	0.72	3.376	13.492	9.714	0.72	3.537	13.129	9.453	0.72	3.778
27	22	14.702	8.821	0.60	3.456	14.399	8.639	0.60	3.657	14.036	8.422	0.60	3.898
28	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
28	18	12.826	11.287	0.88	3.275	12.463	10.967	0.88	3.456	12.040	10.595	0.88	3.697
28	20	13.794	10.483	0.76	3.376	13.492	10.254	0.76	3.537	13.129	9.978	0.76	3.778
28	22	14.702	9.409	0.64	3.456	14.399	9.215	0.64	3.657	14.036	8.983	0.64	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	12.313	0.96	3.275	12.463	11.964	0.96	3.456	12.040	11.558	0.96	3.697
30	20	13.794	11.587	0.84	3.376	13.492	11.333	0.84	3.537	13.129	11.028	0.84	3.778
30	22	14.702	10.585	0.72	3.456	14.399	10.367	0.72	3.657	14.036	10.106	0.72	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
32	20	13.794	12.690	0.92	3.376	13.492	12.413	0.92	3.537	13.129	12.079	0.92	3.778
32	22	14.702	11.762	0.80	3.456	14.399	11.519	0.80	3.657	14.036	11.229	0.80	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	13.794	1.00	3.376	13.492	13.492	1.00	3.537	13.129	13.129	1.00	3.778
34	22	14.702	12.938	0.88	3.456	14.399	12.671	0.88	3.657	14.036	12.352	0.88	3.898

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	7.323	0.68	3.858	10.285	6.994	0.68	4.140	9.801	6.665	0.68	4.481
20	18	11.616	6.505	0.56	3.959	11.253	6.302	0.56	4.260	10.527	5.895	0.56	4.582
20	20	12.584	5.537	0.44	4.059	12.100	5.324	0.44	4.341	11.374	5.005	0.44	4.662
22	16	10.769	8.184	0.76	3.858	10.285	7.817	0.76	4.140	9.801	7.449	0.76	4.481
22	18	11.616	7.434	0.64	3.959	11.253	7.202	0.64	4.260	10.527	6.737	0.64	4.582
22	20	12.584	6.544	0.52	4.059	12.100	6.292	0.52	4.341	11.374	5.914	0.52	4.662
24	16	10.769	9.046	0.84	3.858	10.285	8.639	0.84	4.140	9.801	8.233	0.84	4.481
24	18	11.616	8.364	0.72	3.959	11.253	8.102	0.72	4.260	10.527	7.579	0.72	4.582
24	20	12.584	7.550	0.60	4.059	12.100	7.260	0.60	4.341	11.374	6.824	0.60	4.662
24	22	13.552	6.505	0.48	4.140	13.068	6.273	0.48	4.461	12.342	5.924	0.48	4.742
26	16	10.769	9.907	0.92	3.858	10.285	9.462	0.92	4.140	9.801	9.017	0.92	4.481
26	18	11.616	9.293	0.80	3.959	11.253	9.002	0.80	4.260	10.527	8.422	0.80	4.582
26	20	12.584	8.557	0.68	4.059	12.100	8.228	0.68	4.341	11.374	7.734	0.68	4.662
26	22	13.552	7.589	0.56	4.140	13.068	7.318	0.56	4.461	12.342	6.912	0.56	4.742
27	16	10.769	10.338	0.96	3.858	10.285	9.874	0.96	4.140	9.801	9.409	0.96	4.481
27	18	11.616	9.757	0.84	3.959	11.253	9.453	0.84	4.260	10.527	8.843	0.84	4.582
27	20	12.584	9.060	0.72	4.059	12.100	8.712	0.72	4.341	11.374	8.189	0.72	4.662
27	22	13.552	8.131	0.60	4.140	13.068	7.841	0.60	4.461	12.342	7.405	0.60	4.742
28	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
28	18	11.616	10.222	0.88	3.959	11.253	9.903	0.88	4.260	10.527	9.264	0.88	4.582
28	20	12.584	9.564	0.76	4.059	12.100	9.196	0.76	4.341	11.374	8.644	0.76	4.662
28	22	13.552	8.673	0.64	4.140	13.068	8.364	0.64	4.461	12.342	7.899	0.64	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	11.151	0.96	3.959	11.253	10.803	0.96	4.260	10.527	10.106	0.96	4.582
30	20	12.584	10.571	0.84	4.059	12.100	10.164	0.84	4.341	11.374	9.554	0.84	4.662
30	22	13.552	9.757	0.72	4.140	13.068	9.409	0.72	4.461	12.342	8.886	0.72	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
32	20	12.584	11.577	0.92	4.059	12.100	11.132	0.92	4.341	11.374	10.464	0.92	4.662
32	22	13.552	10.842	0.80	4.140	13.068	10.454	0.80	4.461	12.342	9.874	0.80	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
34	20	12.584	12.584	1.00	4.059	12.100	12.100	1.00	4.341	11.374	11.374	1.00	4.662
34	22	13.552	11.926	0.88	4.140	13.068	11.500	0.88	4.461	12.342	10.861	0.88	4.742

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M140JA(L)2 / PUHZ-P140VKA PUHZ-P140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	3.814	12.864	8.619	0.67	4.029	12.462	8.350	0.67	4.267
20	18	14.204	7.812	0.55	3.886	13.802	7.591	0.55	4.100	13.333	7.333	0.55	4.387
20	20	15.276	6.569	0.43	4.005	14.941	6.425	0.43	4.196	14.539	6.252	0.43	4.482
22	16	13.266	9.950	0.75	3.814	12.864	9.648	0.75	4.029	12.462	9.347	0.75	4.267
22	18	14.204	8.949	0.63	3.886	13.802	8.695	0.63	4.100	13.333	8.400	0.63	4.387
22	20	15.276	7.791	0.51	4.005	14.941	7.620	0.51	4.196	14.539	7.415	0.51	4.482
24	16	13.266	11.011	0.83	3.814	12.864	10.677	0.83	4.029	12.462	10.343	0.83	4.267
24	18	14.204	10.085	0.71	3.886	13.802	9.799	0.71	4.100	13.333	9.466	0.71	4.387
24	20	15.276	9.013	0.59	4.005	14.941	8.815	0.59	4.196	14.539	8.578	0.59	4.482
24	22	16.281	7.652	0.47	4.100	15.946	7.495	0.47	4.339	15.544	7.306	0.47	4.625
26	16	13.266	12.072	0.91	3.814	12.864	11.706	0.91	4.029	12.462	11.340	0.91	4.267
26	18	14.204	11.221	0.79	3.886	13.802	10.904	0.79	4.100	13.333	10.533	0.79	4.387
26	20	15.276	10.235	0.67	4.005	14.941	10.010	0.67	4.196	14.539	9.741	0.67	4.482
26	22	16.281	8.955	0.55	4.100	15.946	8.770	0.55	4.339	15.544	8.549	0.55	4.625
27	16	13.266	12.603	0.95	3.814	12.864	12.221	0.95	4.029	12.462	11.839	0.95	4.267
27	18	14.204	11.789	0.83	3.886	13.802	11.456	0.83	4.100	13.333	11.066	0.83	4.387
27	20	15.276	10.846	0.71	4.005	14.941	10.608	0.71	4.196	14.539	10.323	0.71	4.482
27	22	16.281	9.606	0.59	4.100	15.946	9.408	0.59	4.339	15.544	9.171	0.59	4.625
28	16	13.266	13.133	0.99	3.814	12.864	12.735	0.99	4.029	12.462	12.337	0.99	4.267
28	18	14.204	12.357	0.87	3.886	13.802	12.008	0.87	4.100	13.333	11.600	0.87	4.387
28	20	15.276	11.457	0.75	4.005	14.941	11.206	0.75	4.196	14.539	10.904	0.75	4.482
28	22	16.281	10.257	0.63	4.100	15.946	10.046	0.63	4.339	15.544	9.793	0.63	4.625
30	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
30	18	14.204	13.494	0.95	3.886	13.802	13.112	0.95	4.100	13.333	12.666	0.95	4.387
30	20	15.276	12.679	0.83	4.005	14.941	12.401	0.83	4.196	14.539	12.067	0.83	4.482
30	22	16.281	11.560	0.71	4.100	15.946	11.322	0.71	4.339	15.544	11.036	0.71	4.625
32	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
32	18	14.204	14.204	1.00	3.886	13.802	13.802	1.00	4.100	13.333	13.333	1.00	4.387
32	20	15.276	13.901	0.91	4.005	14.941	13.596	0.91	4.196	14.539	13.230	0.91	4.482
32	22	16.281	12.862	0.79	4.100	15.946	12.597	0.79	4.339	15.544	12.280	0.79	4.625
34	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
34	18	14.204	14.204	1.00	3.886	13.802	13.802	1.00	4.100	13.333	13.333	1.00	4.387
34	20	15.276	15.123	0.99	4.005	14.941	14.792	0.99	4.196	14.539	14.394	0.99	4.482
34	22	16.281	14.164	0.87	4.100	15.946	13.873	0.87	4.339	15.544	13.523	0.87	4.625

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	4.577	11.390	7.631	0.67	4.911	10.854	7.272	0.67	5.316
20	18	12.864	7.075	0.55	4.696	12.462	6.854	0.55	5.054	11.658	6.412	0.55	5.436
20	20	13.936	5.992	0.43	4.816	13.400	5.762	0.43	5.149	12.596	5.416	0.43	5.531
22	16	11.926	8.945	0.75	4.577	11.390	8.543	0.75	4.911	10.854	8.141	0.75	5.316
22	18	12.864	8.104	0.63	4.696	12.462	7.851	0.63	5.054	11.658	7.345	0.63	5.436
22	20	13.936	7.107	0.51	4.816	13.400	6.834	0.51	5.149	12.596	6.424	0.51	5.531
24	16	11.926	9.899	0.83	4.577	11.390	9.454	0.83	4.911	10.854	9.009	0.83	5.316
24	18	12.864	9.133	0.71	4.696	12.462	8.848	0.71	5.054	11.658	8.277	0.71	5.436
24	20	13.936	8.222	0.59	4.816	13.400	7.906	0.59	5.149	12.596	7.432	0.59	5.531
24	22	15.008	7.054	0.47	4.911	14.472	6.802	0.47	5.292	13.668	6.424	0.47	5.626
26	16	11.926	10.853	0.91	4.577	11.390	10.365	0.91	4.911	10.854	9.877	0.91	5.316
26	18	12.864	10.163	0.79	4.696	12.462	9.845	0.79	5.054	11.658	9.210	0.79	5.436
26	20	13.936	9.337	0.67	4.816	13.400	8.978	0.67	5.149	12.596	8.439	0.67	5.531
26	22	15.008	8.254	0.55	4.911	14.472	7.960	0.55	5.292	13.668	7.517	0.55	5.626
27	16	11.926	11.330	0.95	4.577	11.390	10.821	0.95	4.911	10.854	10.311	0.95	5.316
27	18	12.864	10.677	0.83	4.696	12.462	10.343	0.83	5.054	11.658	9.676	0.83	5.436
27	20	13.936	9.895	0.71	4.816	13.400	9.514	0.71	5.149	12.596	8.943	0.71	5.531
27	22	15.008	8.855	0.59	4.911	14.472	8.538	0.59	5.292	13.668	8.064	0.59	5.626
28	16	11.926	11.807	0.99	4.577	11.390	11.276	0.99	4.911	10.854	10.745	0.99	5.316
28	18	12.864	11.192	0.87	4.696	12.462	10.842	0.87	5.054	11.658	10.142	0.87	5.436
28	20	13.936	10.452	0.75	4.816	13.400	10.050	0.75	5.149	12.596	9.447	0.75	5.531
28	22	15.008	9.455	0.63	4.911	14.472	9.117	0.63	5.292	13.668	8.611	0.63	5.626
30	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
30	18	12.864	12.221	0.95	4.696	12.462	11.839	0.95	5.054	11.658	11.075	0.95	5.436
30	20	13.936	11.567	0.83	4.816	13.400	11.122	0.83	5.149	12.596	10.455	0.83	5.531
30	22	15.008	10.656	0.71	4.911	14.472	10.275	0.71	5.292	13.668	9.704	0.71	5.626
32	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
32	18	12.864	12.864	1.00	4.696	12.462	12.462	1.00	5.054	11.658	11.658	1.00	5.436
32	20	13.936	12.682	0.91	4.816	13.400	12.194	0.91	5.149	12.596	11.462	0.91	5.531
32	22	15.008	11.856	0.79	4.911	14.472	11.433	0.79	5.292	13.668	10.798	0.79	5.626
34	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
34	18	12.864	12.864	1.00	4.696	12.462	12.462	1.00	5.054	11.658	11.658	1.00	5.436
34	20	13.936	13.797	0.99	4.816	13.400	13.266	0.99	5.149	12.596	12.470	0.99	5.531
34	22	15.008	13.057	0.87	4.911	14.472	12.591	0.87	5.292	13.668	11.891	0.87	5.626

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M200LA2 / PUHZ-P200YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	18.810	13.167	0.70	4.950	18.240	12.768	0.70	5.229	17.670	12.369	0.70	5.538
20	18	20.140	11.681	0.58	5.043	19.570	11.351	0.58	5.322	18.905	10.965	0.58	5.693
20	20	21.660	9.964	0.46	5.198	21.185	9.745	0.46	5.445	20.615	9.483	0.46	5.817
22	16	18.810	14.672	0.78	4.950	18.240	14.227	0.78	5.229	17.670	13.783	0.78	5.538
22	18	20.140	13.292	0.66	5.043	19.570	12.916	0.66	5.322	18.905	12.477	0.66	5.693
22	20	21.660	11.696	0.54	5.198	21.185	11.440	0.54	5.445	20.615	11.132	0.54	5.817
24	16	18.810	16.177	0.86	4.950	18.240	15.686	0.86	5.229	17.670	15.196	0.86	5.538
24	18	20.140	14.904	0.74	5.043	19.570	14.482	0.74	5.322	18.905	13.990	0.74	5.693
24	20	21.660	13.429	0.62	5.198	21.185	13.135	0.62	5.445	20.615	12.781	0.62	5.817
24	22	23.085	11.543	0.50	5.322	22.610	11.305	0.50	5.631	22.040	11.020	0.50	6.002
26	16	18.810	17.681	0.94	4.950	18.240	17.146	0.94	5.229	17.670	16.610	0.94	5.538
26	18	20.140	16.515	0.82	5.043	19.570	16.047	0.82	5.322	18.905	15.502	0.82	5.693
26	20	21.660	15.162	0.70	5.198	21.185	14.830	0.70	5.445	20.615	14.431	0.70	5.817
26	22	23.085	13.389	0.58	5.322	22.610	13.114	0.58	5.631	22.040	12.783	0.58	6.002
27	16	18.810	18.434	0.98	4.950	18.240	17.875	0.98	5.229	17.670	17.317	0.98	5.538
27	18	20.140	17.320	0.86	5.043	19.570	16.830	0.86	5.322	18.905	16.258	0.86	5.693
27	20	21.660	16.028	0.74	5.198	21.185	15.677	0.74	5.445	20.615	15.255	0.74	5.817
27	22	23.085	14.313	0.62	5.322	22.610	14.018	0.62	5.631	22.040	13.665	0.62	6.002
28	16	18.810	18.810	1.00	4.950	18.240	18.240	1.00	5.229	17.670	17.670	1.00	5.538
28	18	20.140	18.126	0.90	5.043	19.570	17.613	0.90	5.322	18.905	17.015	0.90	5.693
28	20	21.660	16.895	0.78	5.198	21.185	16.524	0.78	5.445	20.615	16.080	0.78	5.817
28	22	23.085	15.236	0.66	5.322	22.610	14.923	0.66	5.631	22.040	14.546	0.66	6.002
30	16	18.810	18.810	1.00	4.950	18.240	18.240	1.00	5.229	17.670	17.670	1.00	5.538
30	18	20.140	19.737	0.98	5.043	19.570	19.179	0.98	5.322	18.905	18.527	0.98	5.693
30	20	21.660	18.628	0.86	5.198	21.185	18.219	0.86	5.445	20.615	17.729	0.86	5.817
30	22	23.085	17.083	0.74	5.322	22.610	16.731	0.74	5.631	22.040	16.310	0.74	6.002
32	16	18.810	18.810	1.00	4.950	18.240	18.240	1.00	5.229	17.670	17.670	1.00	5.538
32	18	20.140	20.140	1.00	5.043	19.570	19.570	1.00	5.322	18.905	18.905	1.00	5.693
32	20	21.660	20.360	0.94	5.198	21.185	19.914	0.94	5.445	20.615	19.378	0.94	5.817
32	22	23.085	18.930	0.82	5.322	22.610	18.540	0.82	5.631	22.040	18.073	0.82	6.002
34	16	18.810	18.810	1.00	4.950	18.240	18.240	1.00	5.229	17.670	17.670	1.00	5.538
34	18	20.140	20.140	1.00	5.043	19.570	19.570	1.00	5.322	18.905	18.905	1.00	5.693
34	20	21.660	21.660	1.00	5.198	21.185	21.185	1.00	5.445	20.615	20.615	1.00	5.817
34	22	23.085	20.777	0.90	5.322	22.610	20.349	0.90	5.631	22.040	19.836	0.90	6.002

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	16.910	11.837	0.70	5.940	16.150	11.305	0.70	6.374	15.390	10.773	0.70	6.900
20	18	18.240	10.579	0.58	6.095	17.670	10.249	0.58	6.559	16.530	9.587	0.58	7.054
20	20	19.760	9.090	0.46	6.250	19.000	8.740	0.46	6.683	17.860	8.216	0.46	7.178
22	16	16.910	13.190	0.78	5.940	16.150	12.597	0.78	6.374	15.390	12.004	0.78	6.900
22	18	18.240	12.038	0.66	6.095	17.670	11.662	0.66	6.559	16.530	10.910	0.66	7.054
22	20	19.760	10.670	0.54	6.250	19.000	10.260	0.54	6.683	17.860	9.644	0.54	7.178
24	16	16.910	14.543	0.86	5.940	16.150	13.889	0.86	6.374	15.390	13.235	0.86	6.900
24	18	18.240	13.498	0.74	6.095	17.670	13.076	0.74	6.559	16.530	12.232	0.74	7.054
24	20	19.760	12.251	0.62	6.250	19.000	11.780	0.62	6.683	17.860	11.073	0.62	7.178
24	22	21.280	10.640	0.50	6.374	20.520	10.260	0.50	6.869	19.380	9.690	0.50	7.302
26	16	16.910	15.895	0.94	5.940	16.150	15.181	0.94	6.374	15.390	14.467	0.94	6.900
26	18	18.240	14.957	0.82	6.095	17.670	14.489	0.82	6.559	16.530	13.555	0.82	7.054
26	20	19.760	13.832	0.70	6.250	19.000	13.300	0.70	6.683	17.860	12.502	0.70	7.178
26	22	21.280	12.342	0.58	6.374	20.520	11.902	0.58	6.869	19.380	11.240	0.58	7.302
27	16	16.910	16.572	0.98	5.940	16.150	15.827	0.98	6.374	15.390	15.082	0.98	6.900
27	18	18.240	15.686	0.86	6.095	17.670	15.196	0.86	6.559	16.530	14.216	0.86	7.054
27	20	19.760	14.622	0.74	6.250	19.000	14.060	0.74	6.683	17.860	13.216	0.74	7.178
27	22	21.280	13.194	0.62	6.374	20.520	12.722	0.62	6.869	19.380	12.016	0.62	7.302
28	16	16.910	16.910	1.00	5.940	16.150	16.150	1.00	6.374	15.390	15.390	1.00	6.900
28	18	18.240	16.416	0.90	6.095	17.670	15.903	0.90	6.559	16.530	14.877	0.90	7.054
28	20	19.760	15.413	0.78	6.250	19.000	14.820	0.78	6.683	17.860	13.931	0.78	7.178
28	22	21.280	14.045	0.66	6.374	20.520	13.543	0.66	6.869	19.380	12.791	0.66	7.302
30	16	16.910	16.910	1.00	5.940	16.150	16.150	1.00	6.374	15.390	15.390	1.00	6.900
30	18	18.240	17.875	0.98	6.095	17.670	17.317	0.98	6.559	16.530	16.199	0.98	7.054
30	20	19.760	16.994	0.86	6.250	19.000	16.340	0.86	6.683	17.860	15.360	0.86	7.178
30	22	21.280	15.747	0.74	6.374	20.520	15.185	0.74	6.869	19.380	14.341	0.74	7.302
32	16	16.910	16.910	1.00	5.940	16.150	16.150	1.00	6.374	15.390	15.390	1.00	6.900
32	18	18.240	18.240	1.00	6.095	17.670	17.670	1.00	6.559	16.530	16.530	1.00	7.054
32	20	19.760	18.574	0.94	6.250	19.000	17.860	0.94	6.683	17.860	16.788	0.94	7.178
32	22	21.280	17.450	0.82	6.374	20.520	16.826	0.82	6.869	19.380	15.892	0.82	7.302
34	16	16.910	16.910	1.00	5.940	16.150	16.150	1.00	6.374	15.390	15.390	1.00	6.900
34	18	18.240	18.240	1.00	6.095	17.670	17.670	1.00	6.559	16.530	16.530	1.00	7.054
34	20	19.760	19.760	1.00	6.250	19.000	19.000	1.00	6.683	17.860	17.860	1.00	7.178
34	22	21.280	19.152	0.90	6.374	20.520	18.468	0.90	6.869	19.380	17.442	0.90	7.302

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEA-M250LA2 / PUHZ-P250YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	21.780	15.028	0.69	6.446	21.120	14.573	0.69	6.809	20.460	14.117	0.69	7.212
20	18	23.320	13.292	0.57	6.567	22.660	12.916	0.57	6.930	21.890	12.477	0.57	7.413
20	20	25.080	11.286	0.45	6.769	24.530	11.039	0.45	7.091	23.870	10.742	0.45	7.575
22	16	21.780	16.771	0.77	6.446	21.120	16.262	0.77	6.809	20.460	15.754	0.77	7.212
22	18	23.320	15.158	0.65	6.567	22.660	14.729	0.65	6.930	21.890	14.229	0.65	7.413
22	20	25.080	13.292	0.53	6.769	24.530	13.001	0.53	7.091	23.870	12.651	0.53	7.575
24	16	21.780	18.513	0.85	6.446	21.120	17.952	0.85	6.809	20.460	17.391	0.85	7.212
24	18	23.320	17.024	0.73	6.567	22.660	16.542	0.73	6.930	21.890	15.980	0.73	7.413
24	20	25.080	15.299	0.61	6.769	24.530	14.963	0.61	7.091	23.870	14.561	0.61	7.575
24	22	26.730	13.098	0.49	6.930	26.180	12.828	0.49	7.333	25.520	12.505	0.49	7.816
26	16	21.780	20.255	0.93	6.446	21.120	19.642	0.93	6.809	20.460	19.028	0.93	7.212
26	18	23.320	18.889	0.81	6.567	22.660	18.355	0.81	6.930	21.890	17.731	0.81	7.413
26	20	25.080	17.305	0.69	6.769	24.530	16.926	0.69	7.091	23.870	16.470	0.69	7.575
26	22	26.730	15.236	0.57	6.930	26.180	14.923	0.57	7.333	25.520	14.546	0.57	7.816
27	16	21.780	21.127	0.97	6.446	21.120	20.486	0.97	6.809	20.460	19.846	0.97	7.212
27	18	23.320	19.822	0.85	6.567	22.660	19.261	0.85	6.930	21.890	18.607	0.85	7.413
27	20	25.080	18.308	0.73	6.769	24.530	17.907	0.73	7.091	23.870	17.425	0.73	7.575
27	22	26.730	16.305	0.61	6.930	26.180	15.970	0.61	7.333	25.520	15.567	0.61	7.816
28	16	21.780	21.780	1.00	6.446	21.120	21.120	1.00	6.809	20.460	20.460	1.00	7.212
28	18	23.320	20.755	0.89	6.567	22.660	20.167	0.89	6.930	21.890	19.482	0.89	7.413
28	20	25.080	19.312	0.77	6.769	24.530	18.888	0.77	7.091	23.870	18.380	0.77	7.575
28	22	26.730	17.375	0.65	6.930	26.180	17.017	0.65	7.333	25.520	16.588	0.65	7.816
30	16	21.780	21.780	1.00	6.446	21.120	21.120	1.00	6.809	20.460	20.460	1.00	7.212
30	18	23.320	22.620	0.97	6.567	22.660	21.980	0.97	6.930	21.890	21.233	0.97	7.413
30	20	25.080	21.318	0.85	6.769	24.530	20.851	0.85	7.091	23.870	20.290	0.85	7.575
30	22	26.730	19.513	0.73	6.930	26.180	19.111	0.73	7.333	25.520	18.630	0.73	7.816
32	16	21.780	21.780	1.00	6.446	21.120	21.120	1.00	6.809	20.460	20.460	1.00	7.212
32	18	23.320	23.320	1.00	6.567	22.660	22.660	1.00	6.930	21.890	21.890	1.00	7.413
32	20	25.080	23.324	0.93	6.769	24.530	22.813	0.93	7.091	23.870	22.199	0.93	7.575
32	22	26.730	21.651	0.81	6.930	26.180	21.206	0.81	7.333	25.520	20.671	0.81	7.816
34	16	21.780	21.780	1.00	6.446	21.120	21.120	1.00	6.809	20.460	20.460	1.00	7.212
34	18	23.320	23.320	1.00	6.567	22.660	22.660	1.00	6.930	21.890	21.890	1.00	7.413
34	20	25.080	25.080	1.00	6.769	24.530	24.530	1.00	7.091	23.870	23.870	1.00	7.575
34	22	26.730	23.790	0.89	6.930	26.180	23.300	0.89	7.333	25.520	22.713	0.89	7.816

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	19.580	13.510	0.69	7.736	18.700	12.903	0.69	8.300	17.820	12.296	0.69	8.985
20	18	21.120	12.038	0.57	7.937	20.460	11.662	0.57	8.541	19.140	10.910	0.57	9.186
20	20	22.880	10.296	0.45	8.139	22.000	9.900	0.45	8.703	20.680	9.306	0.45	9.347
22	16	19.580	15.077	0.77	7.736	18.700	14.399	0.77	8.300	17.820	13.721	0.77	8.985
22	18	21.120	13.728	0.65	7.937	20.460	13.299	0.65	8.541	19.140	12.441	0.65	9.186
22	20	22.880	12.126	0.53	8.139	22.000	11.660	0.53	8.703	20.680	10.960	0.53	9.347
24	16	19.580	16.643	0.85	7.736	18.700	15.895	0.85	8.300	17.820	15.147	0.85	8.985
24	18	21.120	15.418	0.73	7.937	20.460	14.936	0.73	8.541	19.140	13.972	0.73	9.186
24	20	22.880	13.957	0.61	8.139	22.000	13.420	0.61	8.703	20.680	12.615	0.61	9.347
24	22	24.640	12.074	0.49	8.300	23.760	11.642	0.49	8.944	22.440	10.996	0.49	9.508
26	16	19.580	18.209	0.93	7.736	18.700	17.391	0.93	8.300	17.820	16.573	0.93	8.985
26	18	21.120	17.107	0.81	7.937	20.460	16.573	0.81	8.541	19.140	15.503	0.81	9.186
26	20	22.880	15.787	0.69	8.139	22.000	15.180	0.69	8.703	20.680	14.269	0.69	9.347
26	22	24.640	14.045	0.57	8.300	23.760	13.543	0.57	8.944	22.440	12.791	0.57	9.508
27	16	19.580	18.993	0.97	7.736	18.700	18.139	0.97	8.300	17.820	17.285	0.97	8.985
27	18	21.120	17.952	0.85	7.937	20.460	17.391	0.85	8.541	19.140	16.269	0.85	9.186
27	20	22.880	16.702	0.73	8.139	22.000	16.060	0.73	8.703	20.680	15.096	0.73	9.347
27	22	24.640	15.030	0.61	8.300	23.760	14.494	0.61	8.944	22.440	13.688	0.61	9.508
28	16	19.580	19.580	1.00	7.736	18.700	18.700	1.00	8.300	17.820	17.820	1.00	8.985
28	18	21.120	18.797	0.89	7.937	20.460	18.209	0.89	8.541	19.140	17.035	0.89	9.186
28	20	22.880	17.618	0.77	8.139	22.000	16.940	0.77	8.703	20.680	15.924	0.77	9.347
28	22	24.640	16.016	0.65	8.300	23.760	15.444	0.65	8.944	22.440	14.586	0.65	9.508
30	16	19.580	19.580	1.00	7.736	18.700	18.700	1.00	8.300	17.820	17.820	1.00	8.985
30	18	21.120	20.486	0.97	7.937	20.460	19.846	0.97	8.541	19.140	18.566	0.97	9.186
30	20	22.880	19.448	0.85	8.139	22.000	18.700	0.85	8.703	20.680	17.578	0.85	9.347
30	22	24.640	17.987	0.73	8.300	23.760	17.345	0.73	8.944	22.440	16.381	0.73	9.508
32	16	19.580	19.580	1.00	7.736	18.700	18.700	1.00	8.300	17.820	17.820	1.00	8.985
32	18	21.120	21.120	1.00	7.937	20.460	20.460	1.00	8.541	19.140	19.140	1.00	9.186
32	20	22.880	21.278	0.93	8.139	22.000	20.460	0.93	8.703	20.680	19.232	0.93	9.347
32	22	24.640	19.958	0.81	8.300	23.760	19.246	0.81	8.944	22.440	18.176	0.81	9.508
34	16	19.580	19.580	1.00	7.736	18.700	18.700	1.00	8.300	17.820	17.820	1.00	8.985
34	18	21.120	21.120	1.00	7.937	20.460	20.460	1.00	8.541	19.140	19.140	1.00	9.186
34	20	22.880	22.880	1.00	8.139	22.000	22.000	1.00	8.703	20.680	20.680	1.00	9.347
34	22	24.640	21.930	0.89	8.300	23.760	21.146	0.89	8.944	22.440	19.972	0.89	9.508

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA(L)2 / SUZ-SA71VA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.880	7.988	4.953	0.62	1.974	7.668	4.754	0.62	2.068	7.384	4.578	0.62	2.162
21	20	8.698	4.349	0.50	1.974	8.343	4.172	0.50	2.092	8.094	4.047	0.50	2.139	7.810	3.905	0.50	2.233
22	18	8.343	5.506	0.66	1.880	7.988	5.272	0.66	1.974	7.668	5.061	0.66	2.068	7.384	4.873	0.66	2.162
22	20	8.698	4.697	0.54	1.974	8.343	4.505	0.54	2.092	8.094	4.371	0.54	2.139	7.810	4.217	0.54	2.233
22	22	9.053	3.892	0.42	2.045	8.733	3.668	0.42	2.174	8.520	3.578	0.42	2.233	8.165	3.429	0.42	2.327
23	18	8.343	5.840	0.70	1.880	7.988	5.592	0.70	1.974	7.668	5.368	0.70	2.068	7.384	5.169	0.70	2.162
23	20	8.698	5.045	0.58	1.974	8.343	4.839	0.58	2.092	8.094	4.695	0.58	2.139	7.810	4.530	0.58	2.233
23	22	9.053	4.164	0.46	2.045	8.733	4.017	0.46	2.174	8.520	3.919	0.46	2.233	8.165	3.756	0.46	2.327
24	18	8.343	6.174	0.74	1.880	7.988	5.911	0.74	1.974	7.668	5.674	0.74	2.068	7.384	5.464	0.74	2.162
24	20	8.698	5.393	0.62	1.974	8.343	5.173	0.62	2.092	8.094	5.018	0.62	2.139	7.810	4.842	0.62	2.233
24	22	9.053	4.527	0.50	2.045	8.733	4.367	0.50	2.174	8.520	4.260	0.50	2.233	8.165	4.083	0.50	2.327
24	24	9.514	3.615	0.38	2.139	9.159	3.480	0.38	2.256	8.946	3.399	0.38	2.327	8.662	3.292	0.38	2.444
25	20	8.698	5.741	0.66	1.974	8.343	5.506	0.66	2.092	8.094	5.342	0.66	2.139	7.810	5.155	0.66	2.233
25	22	9.053	4.889	0.54	2.045	8.733	4.716	0.54	2.174	8.520	4.601	0.54	2.233	8.165	4.409	0.54	2.327
25	24	9.514	3.996	0.42	2.139	9.159	3.847	0.42	2.256	8.946	3.757	0.42	2.327	8.662	3.638	0.42	2.444
26	18	8.343	6.841	0.82	1.880	7.988	6.550	0.82	1.974	7.668	6.288	0.82	2.068	7.384	6.055	0.82	2.162
26	20	8.698	6.089	0.70	1.974	8.343	5.840	0.70	2.092	8.094	5.666	0.70	2.139	7.810	5.467	0.70	2.233
26	22	9.053	5.251	0.58	2.045	8.733	5.065	0.58	2.174	8.520	4.942	0.58	2.233	8.165	4.736	0.58	2.327
26	24	9.514	4.376	0.46	2.139	9.159	4.213	0.46	2.256	8.946	4.115	0.46	2.327	8.662	3.985	0.46	2.444
26	26	9.798	3.331	0.34	2.256	9.514	3.235	0.34	2.374	9.372	3.186	0.34	2.444	9.088	3.090	0.34	2.515
27	18	8.343	7.175	0.86	1.880	7.988	6.870	0.86	1.974	7.668	6.594	0.86	2.068	7.384	6.350	0.86	2.162
27	20	8.698	6.437	0.74	1.974	8.343	6.174	0.74	2.092	8.094	5.990	0.74	2.139	7.810	5.779	0.74	2.233
27	22	9.053	5.613	0.62	2.045	8.733	5.414	0.62	2.174	8.520	5.282	0.62	2.233	8.165	5.062	0.62	2.327
27	24	9.514	4.757	0.50	2.139	9.159	4.580	0.50	2.256	8.946	4.473	0.50	2.327	8.662	4.331	0.50	2.444
27	26	9.798	3.723	0.38	2.256	9.514	3.615	0.38	2.374	9.372	3.561	0.38	2.444	9.088	3.453	0.38	2.515
28	18	8.343	7.509	0.90	1.880	7.988	7.189	0.90	1.974	7.668	6.901	0.90	2.068	7.384	6.646	0.90	2.162
28	20	8.698	6.764	0.78	1.974	8.343	6.508	0.78	2.092	8.094	6.313	0.78	2.139	7.810	6.092	0.78	2.233
28	22	9.053	5.975	0.66	2.045	8.733	5.764	0.66	2.174	8.520	5.623	0.66	2.233	8.165	5.389	0.66	2.327
28	24	9.514	5.138	0.54	2.139	9.159	4.946	0.54	2.256	8.946	4.831	0.54	2.327	8.662	4.677	0.54	2.444
28	26	9.798	4.115	0.42	2.256	9.514	3.996	0.42	2.374	9.372	3.936	0.42	2.444	9.088	3.817	0.42	2.515
29	18	8.343	7.842	0.94	1.880	7.988	7.509	0.94	1.974	7.668	7.208	0.94	2.068	7.384	6.941	0.94	2.162
29	20	8.698	7.132	0.82	1.974	8.343	6.841	0.82	2.092	8.094	6.637	0.82	2.139	7.810	6.404	0.82	2.233
29	22	9.053	6.337	0.70	2.045	8.733	6.113	0.70	2.174	8.520	5.964	0.70	2.233	8.165	5.716	0.70	2.327
29	24	9.514	5.518	0.58	2.139	9.159	5.312	0.58	2.256	8.946	5.189	0.58	2.327	8.662	5.024	0.58	2.444
29	26	9.798	4.507	0.46	2.256	9.514	4.376	0.46	2.374	9.372	4.311	0.46	2.444	9.088	4.180	0.46	2.515
30	18	8.343	8.176	0.98	1.880	7.988	7.828	0.98	1.974	7.668	7.515	0.98	2.068	7.384	7.236	0.98	2.162
30	20	8.698	7.480	0.86	1.974	8.343	7.175	0.86	2.092	8.094	6.961	0.86	2.139	7.810	6.717	0.86	2.233
30	22	9.053	6.699	0.74	2.045	8.733	6.462	0.74	2.174	8.520	6.305	0.74	2.233	8.165	6.042	0.74	2.327
30	24	9.514	5.899	0.62	2.139	9.159	5.679	0.62	2.256	8.946	5.547	0.62	2.327	8.662	5.370	0.62	2.444
30	26	9.798	4.899	0.50	2.256	9.514	4.757	0.50	2.374	9.372	4.686	0.50	2.444	9.088	4.544	0.50	2.515
31	18	8.343	8.343	1.00	1.880	7.988	7.988	1.00	1.974	7.668	7.668	1.00	2.068	7.384	7.384	1.00	2.162
31	20	8.698	7.828	0.90	1.974	8.343	7.509	0.90	2.092	8.094	7.285	0.90	2.139	7.810	7.029	0.90	2.233
31	22	9.053	7.061	0.78	2.045	8.733	6.812	0.78	2.174	8.520	6.646	0.78	2.233	8.165	6.369	0.78	2.327
31	24	9.514	6.279	0.66	2.139	9.159	6.045	0.66	2.256	8.946	5.904	0.66	2.327	8.662	5.717	0.66	2.444
31	26	9.798	5.291	0.54	2.256	9.514	5.138	0.54	2.374	9.372	5.061	0.54	2.444	9.088	4.908	0.54	2.515
32	18	8.343	8.343	1.00	1.880	7.988	7.988	1.00	1.974	7.668	7.668	1.00	2.068	7.384	7.384	1.00	2.162
32	20	8.698	8.176	0.94	1.974	8.343	7.842	0.94	2.092	8.094	7.608	0.94	2.139	7.810	7.341	0.94	2.233
32	22	9.053	7.423	0.82	2.045	8.733	7.161	0.82	2.174	8.520	6.986	0.82	2.233	8.165	6.695	0.82	2.327
32	24	9.514	6.660	0.70	2.139	9.159	6.411	0.70	2.256	8.946	6.262	0.70	2.327	8.662	6.063	0.70	2.444
32	26	9.798	5.683	0.58	2.256	9.514	5.518	0.58	2.374	9.372	5.436	0.58	2.444	9.088	5.271	0.58	2.515

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA(L)2 / SUZ-SA71VA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	2.303	6.390	3.962	0.62	2.444	5.893	3.654	0.62	2.538
21	20	7.313	3.657	0.50	2.397	6.816	3.408	0.50	2.515	6.319	3.160	0.50	2.656
22	18	6.958	4.592	0.66	2.303	6.390	4.217	0.66	2.444	5.893	3.889	0.66	2.538
22	20	7.313	3.949	0.54	2.397	6.816	3.681	0.54	2.515	6.319	3.412	0.54	2.656
22	22	7.739	3.250	0.42	2.491	7.242	3.042	0.42	2.632	6.745	2.833	0.42	2.726
23	18	6.958	4.871	0.70	2.303	6.390	4.473	0.70	2.444	5.893	4.125	0.70	2.538
23	20	7.313	4.242	0.58	2.397	6.816	3.953	0.58	2.515	6.319	3.665	0.58	2.656
23	22	7.739	3.560	0.46	2.491	7.242	3.331	0.46	2.632	6.745	3.103	0.46	2.726
24	18	6.958	5.149	0.74	2.303	6.390	4.729	0.74	2.444	5.893	4.361	0.74	2.538
24	20	7.313	4.534	0.62	2.397	6.816	4.226	0.62	2.515	6.319	3.918	0.62	2.656
24	22	7.739	3.870	0.50	2.491	7.242	3.621	0.50	2.632	6.745	3.373	0.50	2.726
24	24	8.165	3.103	0.38	2.585	7.668	2.914	0.38	2.703	7.242	2.752	0.38	2.820
25	20	7.313	4.827	0.66	2.397	6.816	4.499	0.66	2.515	6.319	4.171	0.66	2.656
25	22	7.739	4.179	0.54	2.491	7.242	3.911	0.54	2.632	6.745	3.642	0.54	2.726
25	24	8.165	3.429	0.42	2.585	7.668	3.221	0.42	2.703	7.242	3.042	0.42	2.820
26	18	6.958	5.706	0.82	2.303	6.390	5.240	0.82	2.444	5.893	4.832	0.82	2.538
26	20	7.313	5.119	0.70	2.397	6.816	4.771	0.70	2.515	6.319	4.423	0.70	2.656
26	22	7.739	4.489	0.58	2.491	7.242	4.200	0.58	2.632	6.745	3.912	0.58	2.726
26	24	8.165	3.756	0.46	2.585	7.668	3.527	0.46	2.703	7.242	3.331	0.46	2.820
26	26	8.591	2.921	0.34	2.679	8.094	2.752	0.34	2.797	7.597	2.583	0.34	2.914
27	18	6.958	5.984	0.86	2.303	6.390	5.495	0.86	2.444	5.893	5.068	0.86	2.538
27	20	7.313	5.412	0.74	2.397	6.816	5.044	0.74	2.515	6.319	4.676	0.74	2.656
27	22	7.739	4.798	0.62	2.491	7.242	4.490	0.62	2.632	6.745	4.182	0.62	2.726
27	24	8.165	4.083	0.50	2.585	7.668	3.834	0.50	2.703	7.242	3.621	0.50	2.820
27	26	8.591	3.265	0.38	2.679	8.094	3.076	0.38	2.797	7.597	2.887	0.38	2.914
28	18	6.958	6.262	0.90	2.303	6.390	5.751	0.90	2.444	5.893	5.304	0.90	2.538
28	20	7.313	5.704	0.78	2.397	6.816	5.316	0.78	2.515	6.319	4.929	0.78	2.656
28	22	7.739	5.108	0.66	2.491	7.242	4.780	0.66	2.632	6.745	4.452	0.66	2.726
28	24	8.165	4.409	0.54	2.585	7.668	4.141	0.54	2.703	7.242	3.911	0.54	2.820
28	26	8.591	3.608	0.42	2.679	8.094	3.399	0.42	2.797	7.597	3.191	0.42	2.914
29	18	6.958	6.541	0.94	2.303	6.390	6.007	0.94	2.444	5.893	5.539	0.94	2.538
29	20	7.313	5.997	0.82	2.397	6.816	5.589	0.82	2.515	6.319	5.182	0.82	2.656
29	22	7.739	5.417	0.70	2.491	7.242	5.069	0.70	2.632	6.745	4.722	0.70	2.726
29	24	8.165	4.736	0.58	2.585	7.668	4.447	0.58	2.703	7.242	4.200	0.58	2.820
29	26	8.591	3.952	0.46	2.679	8.094	3.723	0.46	2.797	7.597	3.495	0.46	2.914
30	18	6.958	6.819	0.98	2.303	6.390	6.262	0.98	2.444	5.893	5.775	0.98	2.538
30	20	7.313	6.289	0.86	2.397	6.816	5.862	0.86	2.515	6.319	5.434	0.86	2.656
30	22	7.739	5.727	0.74	2.491	7.242	5.359	0.74	2.632	6.745	4.991	0.74	2.726
30	24	8.165	5.062	0.62	2.585	7.668	4.754	0.62	2.703	7.242	4.490	0.62	2.820
30	26	8.591	4.296	0.50	2.679	8.094	4.047	0.50	2.797	7.597	3.799	0.50	2.914
31	18	6.958	6.958	1.00	2.303	6.390	6.390	1.00	2.444	5.893	5.893	1.00	2.538
31	20	7.313	6.582	0.90	2.397	6.816	6.134	0.90	2.515	6.319	5.687	0.90	2.656
31	22	7.739	6.036	0.78	2.491	7.242	5.649	0.78	2.632	6.745	5.261	0.78	2.726
31	24	8.165	5.389	0.66	2.585	7.668	5.061	0.66	2.703	7.242	4.780	0.66	2.820
31	26	8.591	4.639	0.54	2.679	8.094	4.371	0.54	2.797	7.597	4.102	0.54	2.914
32	18	6.958	6.958	1.00	2.303	6.390	6.390	1.00	2.444	5.893	5.893	1.00	2.538
32	20	7.313	6.874	0.94	2.397	6.816	6.407	0.94	2.515	6.319	5.940	0.94	2.656
32	22	7.739	6.346	0.82	2.491	7.242	5.938	0.82	2.632	6.745	5.531	0.82	2.726
32	24	8.165	5.716	0.70	2.585	7.668	5.368	0.70	2.703	7.242	5.069	0.70	2.820
32	26	8.591	4.983	0.58	2.679	8.094	4.695	0.58	2.797	7.597	4.406	0.58	2.914

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM100JA(L)2 / SUZ-SA100VA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	11.045	7.069	0.64	2.498	10.575	6.768	0.64	2.622	10.152	6.497	0.64	2.747	9.776	6.257	0.64	2.872
21	20	11.515	5.988	0.52	2.622	11.045	5.743	0.52	2.779	10.716	5.572	0.52	2.841	10.340	5.377	0.52	2.966
22	18	11.045	7.511	0.68	2.498	10.575	7.191	0.68	2.622	10.152	6.903	0.68	2.747	9.776	6.648	0.68	2.872
22	20	11.515	6.448	0.56	2.622	11.045	6.185	0.56	2.779	10.716	6.001	0.56	2.841	10.340	5.790	0.56	2.966
22	22	11.985	5.273	0.44	2.716	11.562	5.087	0.44	2.888	11.280	4.963	0.44	2.966	10.810	4.756	0.44	3.091
23	18	11.045	7.952	0.72	2.498	10.575	7.614	0.72	2.622	10.152	7.309	0.72	2.747	9.776	7.039	0.72	2.872
23	20	11.515	6.909	0.60	2.622	11.045	6.627	0.60	2.779	10.716	6.430	0.60	2.841	10.340	6.204	0.60	2.966
23	22	11.985	5.753	0.48	2.716	11.562	5.550	0.48	2.888	11.280	5.414	0.48	2.966	10.810	5.189	0.48	3.091
24	18	11.045	8.394	0.76	2.498	10.575	8.037	0.76	2.622	10.152	7.716	0.76	2.747	9.776	7.430	0.76	2.872
24	20	11.515	7.370	0.64	2.622	11.045	7.069	0.64	2.779	10.716	6.858	0.64	2.841	10.340	6.618	0.64	2.966
24	22	11.985	6.232	0.52	2.716	11.562	6.012	0.52	2.888	11.280	5.866	0.52	2.966	10.810	5.621	0.52	3.091
24	24	12.596	5.038	0.40	2.841	12.126	4.850	0.40	2.997	11.844	4.738	0.40	3.091	11.468	4.587	0.40	3.247
25	20	11.515	7.830	0.68	2.622	11.045	7.511	0.68	2.779	10.716	7.287	0.68	2.841	10.340	7.031	0.68	2.966
25	22	11.985	6.712	0.56	2.716	11.562	6.475	0.56	2.888	11.280	6.317	0.56	2.966	10.810	6.054	0.56	3.091
25	24	12.596	5.542	0.44	2.841	12.126	5.335	0.44	2.997	11.844	5.211	0.44	3.091	11.468	5.046	0.44	3.247
26	18	11.045	9.278	0.84	2.498	10.575	8.883	0.84	2.622	10.152	8.528	0.84	2.747	9.776	8.212	0.84	2.872
26	20	11.515	8.291	0.72	2.622	11.045	7.952	0.72	2.779	10.716	7.716	0.72	2.841	10.340	7.445	0.72	2.966
26	22	11.985	7.191	0.60	2.716	11.562	6.937	0.60	2.888	11.280	6.768	0.60	2.966	10.810	6.486	0.60	3.091
26	24	12.596	6.046	0.48	2.841	12.126	5.820	0.48	2.997	11.844	5.685	0.48	3.091	11.468	5.505	0.48	3.247
26	26	12.972	4.670	0.36	2.997	12.596	4.535	0.36	3.153	12.408	4.467	0.36	3.247	12.032	4.332	0.36	3.341
27	18	11.045	9.720	0.88	2.498	10.575	9.306	0.88	2.622	10.152	8.934	0.88	2.747	9.776	8.603	0.88	2.872
27	20	11.515	8.751	0.76	2.622	11.045	8.394	0.76	2.779	10.716	8.144	0.76	2.841	10.340	7.858	0.76	2.966
27	22	11.985	7.670	0.64	2.716	11.562	7.400	0.64	2.888	11.280	7.219	0.64	2.966	10.810	6.918	0.64	3.091
27	24	12.596	6.550	0.52	2.841	12.126	6.306	0.52	2.997	11.844	6.159	0.52	3.091	11.468	5.963	0.52	3.247
27	26	12.972	5.189	0.40	2.997	12.596	5.038	0.40	3.153	12.408	4.963	0.40	3.247	12.032	4.813	0.40	3.341
28	18	11.045	10.161	0.92	2.498	10.575	9.729	0.92	2.622	10.152	9.340	0.92	2.747	9.776	8.994	0.92	2.872
28	20	11.515	9.212	0.80	2.622	11.045	8.836	0.80	2.779	10.716	8.573	0.80	2.841	10.340	8.272	0.80	2.966
28	22	11.985	8.150	0.68	2.716	11.562	7.862	0.68	2.888	11.280	7.670	0.68	2.966	10.810	7.351	0.68	3.091
28	24	12.596	7.054	0.56	2.841	12.126	6.791	0.56	2.997	11.844	6.633	0.56	3.091	11.468	6.422	0.56	3.247
28	26	12.972	5.708	0.44	2.997	12.596	5.542	0.44	3.153	12.408	5.460	0.44	3.247	12.032	5.294	0.44	3.341
29	18	11.045	10.603	0.96	2.498	10.575	10.152	0.96	2.622	10.152	9.746	0.96	2.747	9.776	9.385	0.96	2.872
29	20	11.515	9.673	0.84	2.622	11.045	9.278	0.84	2.779	10.716	9.001	0.84	2.841	10.340	8.686	0.84	2.966
29	22	11.985	8.629	0.72	2.716	11.562	8.325	0.72	2.888	11.280	8.122	0.72	2.966	10.810	7.783	0.72	3.091
29	24	12.596	7.558	0.60	2.841	12.126	7.276	0.60	2.997	11.844	7.106	0.60	3.091	11.468	6.881	0.60	3.247
29	26	12.972	6.227	0.48	2.997	12.596	6.046	0.48	3.153	12.408	5.956	0.48	3.247	12.032	5.775	0.48	3.341
30	18	11.045	11.045	1.00	2.498	10.575	10.575	1.00	2.622	10.152	10.152	1.00	2.747	9.776	9.776	1.00	2.872
30	20	11.515	10.133	0.88	2.622	11.045	9.720	0.88	2.779	10.716	9.430	0.88	2.841	10.340	9.099	0.88	2.966
30	22	11.985	9.109	0.76	2.716	11.562	8.787	0.76	2.888	11.280	8.573	0.76	2.966	10.810	8.216	0.76	3.091
30	24	12.596	8.061	0.64	2.841	12.126	7.761	0.64	2.997	11.844	7.580	0.64	3.091	11.468	7.340	0.64	3.247
30	26	12.972	6.745	0.52	2.997	12.596	6.550	0.52	3.153	12.408	6.452	0.52	3.247	12.032	6.257	0.52	3.341
31	18	11.045	11.045	1.00	2.498	10.575	10.575	1.00	2.622	10.152	10.152	1.00	2.747	9.776	9.776	1.00	2.872
31	20	11.515	10.594	0.92	2.622	11.045	10.161	0.92	2.779	10.716	9.859	0.92	2.841	10.340	9.513	0.92	2.966
31	22	11.985	9.588	0.80	2.716	11.562	9.250	0.80	2.888	11.280	9.024	0.80	2.966	10.810	8.648	0.80	3.091
31	24	12.596	8.565	0.68	2.841	12.126	8.246	0.68	2.997	11.844	8.054	0.68	3.091	11.468	7.798	0.68	3.247
31	26	12.972	7.264	0.56	2.997	12.596	7.054	0.56	3.153	12.408	6.948	0.56	3.247	12.032	6.738	0.56	3.341
32	18	11.045	11.045	1.00	2.498	10.575	10.575	1.00	2.622	10.152	10.152	1.00	2.747	9.776	9.776	1.00	2.872
32	20	11.515	11.054	0.96	2.622	11.045	10.603	0.96	2.779	10.716	10.287	0.96	2.841	10.340	9.926	0.96	2.966
32	22	11.985	10.067	0.84	2.716	11.562	9.712	0.84	2.888	11.280	9.475	0.84	2.966	10.810	9.080	0.84	3.091
32	24	12.596	9.069	0.72	2.841	12.126	8.731	0.72	2.997	11.844	8.528	0.72	3.091	11.468	8.257	0.72	3.247
32	26	12.972	7.783	0.60	2.997	12.596	7.558	0.60	3.153	12.408	7.445	0.60	3.247	12.032	7.219	0.60	3.341

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM100JA(L)2 / SUZ-SA100VA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	9.212	5.896	0.64	3.060	8.460	5.414	0.64	3.247	7.802	4.993	0.64	3.372
21	20	9.682	5.035	0.52	3.184	9.024	4.692	0.52	3.341	8.366	4.350	0.52	3.528
22	18	9.212	6.264	0.68	3.060	8.460	5.753	0.68	3.247	7.802	5.305	0.68	3.372
22	20	9.682	5.422	0.56	3.184	9.024	5.053	0.56	3.341	8.366	4.685	0.56	3.528
22	22	10.246	4.508	0.44	3.309	9.588	4.219	0.44	3.497	8.930	3.929	0.44	3.622
23	18	9.212	6.633	0.72	3.060	8.460	6.091	0.72	3.247	7.802	5.617	0.72	3.372
23	20	9.682	5.809	0.60	3.184	9.024	5.414	0.60	3.341	8.366	5.020	0.60	3.528
23	22	10.246	4.918	0.48	3.309	9.588	4.602	0.48	3.497	8.930	4.286	0.48	3.622
24	18	9.212	7.001	0.76	3.060	8.460	6.430	0.76	3.247	7.802	5.930	0.76	3.372
24	20	9.682	6.196	0.64	3.184	9.024	5.775	0.64	3.341	8.366	5.354	0.64	3.528
24	22	10.246	5.328	0.52	3.309	9.588	4.986	0.52	3.497	8.930	4.644	0.52	3.622
24	24	10.810	4.324	0.40	3.434	10.152	4.061	0.40	3.590	9.588	3.835	0.40	3.746
25	20	9.682	6.584	0.68	3.184	9.024	6.136	0.68	3.341	8.366	5.689	0.68	3.528
25	22	10.246	5.738	0.56	3.309	9.588	5.369	0.56	3.497	8.930	5.001	0.56	3.622
25	24	10.810	4.756	0.44	3.434	10.152	4.467	0.44	3.590	9.588	4.219	0.44	3.746
26	18	9.212	7.738	0.84	3.060	8.460	7.106	0.84	3.247	7.802	6.554	0.84	3.372
26	20	9.682	6.971	0.72	3.184	9.024	6.497	0.72	3.341	8.366	6.024	0.72	3.528
26	22	10.246	6.148	0.60	3.309	9.588	5.753	0.60	3.497	8.930	5.358	0.60	3.622
26	24	10.810	5.189	0.48	3.434	10.152	4.873	0.48	3.590	9.588	4.602	0.48	3.746
26	26	11.374	4.095	0.36	3.559	10.716	3.858	0.36	3.715	10.058	3.621	0.36	3.871
27	18	9.212	8.107	0.88	3.060	8.460	7.445	0.88	3.247	7.802	6.866	0.88	3.372
27	20	9.682	7.358	0.76	3.184	9.024	6.858	0.76	3.341	8.366	6.358	0.76	3.528
27	22	10.246	6.557	0.64	3.309	9.588	6.136	0.64	3.497	8.930	5.715	0.64	3.622
27	24	10.810	5.621	0.52	3.434	10.152	5.279	0.52	3.590	9.588	4.986	0.52	3.746
27	26	11.374	4.550	0.40	3.559	10.716	4.286	0.40	3.715	10.058	4.023	0.40	3.871
28	18	9.212	8.475	0.92	3.060	8.460	7.783	0.92	3.247	7.802	7.178	0.92	3.372
28	20	9.682	7.746	0.80	3.184	9.024	7.219	0.80	3.341	8.366	6.693	0.80	3.528
28	22	10.246	6.967	0.68	3.309	9.588	6.520	0.68	3.497	8.930	6.072	0.68	3.622
28	24	10.810	6.054	0.56	3.434	10.152	5.685	0.56	3.590	9.588	5.369	0.56	3.746
28	26	11.374	5.005	0.44	3.559	10.716	4.715	0.44	3.715	10.058	4.426	0.44	3.871
29	18	9.212	8.844	0.96	3.060	8.460	8.122	0.96	3.247	7.802	7.490	0.96	3.372
29	20	9.682	8.133	0.84	3.184	9.024	7.580	0.84	3.341	8.366	7.027	0.84	3.528
29	22	10.246	7.377	0.72	3.309	9.588	6.903	0.72	3.497	8.930	6.430	0.72	3.622
29	24	10.810	6.486	0.60	3.434	10.152	6.091	0.60	3.590	9.588	5.753	0.60	3.746
29	26	11.374	5.460	0.48	3.559	10.716	5.144	0.48	3.715	10.058	4.828	0.48	3.871
30	18	9.212	9.212	1.00	3.060	8.460	8.460	1.00	3.247	7.802	7.802	1.00	3.372
30	20	9.682	8.520	0.88	3.184	9.024	7.941	0.88	3.341	8.366	7.362	0.88	3.528
30	22	10.246	7.787	0.76	3.309	9.588	7.287	0.76	3.497	8.930	6.787	0.76	3.622
30	24	10.810	6.918	0.64	3.434	10.152	6.497	0.64	3.590	9.588	6.136	0.64	3.746
30	26	11.374	5.914	0.52	3.559	10.716	5.572	0.52	3.715	10.058	5.230	0.52	3.871
31	18	9.212	9.212	1.00	3.060	8.460	8.460	1.00	3.247	7.802	7.802	1.00	3.372
31	20	9.682	8.907	0.92	3.184	9.024	8.302	0.92	3.341	8.366	7.697	0.92	3.528
31	22	10.246	8.197	0.80	3.309	9.588	7.670	0.80	3.497	8.930	7.144	0.80	3.622
31	24	10.810	7.351	0.68	3.434	10.152	6.903	0.68	3.590	9.588	6.520	0.68	3.746
31	26	11.374	6.369	0.56	3.559	10.716	6.001	0.56	3.715	10.058	5.632	0.56	3.871
32	18	9.212	9.212	1.00	3.060	8.460	8.460	1.00	3.247	7.802	7.802	1.00	3.372
32	20	9.682	9.295	0.96	3.184	9.024	8.663	0.96	3.341	8.366	8.031	0.96	3.528
32	22	10.246	8.607	0.84	3.309	9.588	8.054	0.84	3.497	8.930	7.501	0.84	3.622
32	24	10.810	7.783	0.72	3.434	10.152	7.309	0.72	3.590	9.588	6.903	0.72	3.746
32	26	11.374	6.824	0.60	3.559	10.716	6.430	0.60	3.715	10.058	6.035	0.60	3.871

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM100JA(L)2 / PUHZ-SP100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.700	0.72	2.465	9.024	6.497	0.72	2.603	8.742	6.294	0.72	2.757
20	18	9.964	5.978	0.60	2.511	9.682	5.809	0.60	2.650	9.353	5.612	0.60	2.835
20	20	10.716	5.144	0.48	2.588	10.481	5.031	0.48	2.711	10.199	4.896	0.48	2.896
22	16	9.306	7.445	0.80	2.465	9.024	7.219	0.80	2.603	8.742	6.994	0.80	2.757
22	18	9.964	6.776	0.68	2.511	9.682	6.584	0.68	2.650	9.353	6.360	0.68	2.835
22	20	10.716	6.001	0.56	2.588	10.481	5.869	0.56	2.711	10.199	5.711	0.56	2.896
24	16	9.306	8.189	0.88	2.465	9.024	7.941	0.88	2.603	8.742	7.693	0.88	2.757
24	18	9.964	7.573	0.76	2.511	9.682	7.358	0.76	2.650	9.353	7.108	0.76	2.835
24	20	10.716	6.858	0.64	2.588	10.481	6.708	0.64	2.711	10.199	6.527	0.64	2.896
24	22	11.421	5.939	0.52	2.650	11.186	5.817	0.52	2.804	10.904	5.670	0.52	2.989
26	16	9.306	8.934	0.96	2.465	9.024	8.663	0.96	2.603	8.742	8.392	0.96	2.757
26	18	9.964	8.370	0.84	2.511	9.682	8.133	0.84	2.650	9.353	7.857	0.84	2.835
26	20	10.716	7.716	0.72	2.588	10.481	7.546	0.72	2.711	10.199	7.343	0.72	2.896
26	22	11.421	6.853	0.60	2.650	11.186	6.712	0.60	2.804	10.904	6.542	0.60	2.989
27	16	9.306	9.306	1.00	2.465	9.024	9.024	1.00	2.603	8.742	8.742	1.00	2.757
27	18	9.964	8.768	0.88	2.511	9.682	8.520	0.88	2.650	9.353	8.231	0.88	2.835
27	20	10.716	8.144	0.76	2.588	10.481	7.966	0.76	2.711	10.199	7.751	0.76	2.896
27	22	11.421	7.309	0.64	2.650	11.186	7.159	0.64	2.804	10.904	6.979	0.64	2.989
28	16	9.306	9.306	1.00	2.465	9.024	9.024	1.00	2.603	8.742	8.742	1.00	2.757
28	18	9.964	9.167	0.92	2.511	9.682	8.907	0.92	2.650	9.353	8.605	0.92	2.835
28	20	10.716	8.573	0.80	2.588	10.481	8.385	0.80	2.711	10.199	8.159	0.80	2.896
28	22	11.421	7.766	0.68	2.650	11.186	7.606	0.68	2.804	10.904	7.415	0.68	2.989
30	16	9.306	9.306	1.00	2.465	9.024	9.024	1.00	2.603	8.742	8.742	1.00	2.757
30	18	9.964	9.964	1.00	2.511	9.682	9.682	1.00	2.650	9.353	9.353	1.00	2.835
30	20	10.716	9.430	0.88	2.588	10.481	9.223	0.88	2.711	10.199	8.975	0.88	2.896
30	22	11.421	8.680	0.76	2.650	11.186	8.501	0.76	2.804	10.904	8.287	0.76	2.989
32	16	9.306	9.306	1.00	2.465	9.024	9.024	1.00	2.603	8.742	8.742	1.00	2.757
32	18	9.964	9.964	1.00	2.511	9.682	9.682	1.00	2.650	9.353	9.353	1.00	2.835
32	20	10.716	10.287	0.96	2.588	10.481	10.062	0.96	2.711	10.199	9.791	0.96	2.896
32	22	11.421	9.594	0.84	2.650	11.186	9.396	0.84	2.804	10.904	9.159	0.84	2.989
34	16	9.306	9.306	1.00	2.465	9.024	9.024	1.00	2.603	8.742	8.742	1.00	2.757
34	18	9.964	9.964	1.00	2.511	9.682	9.682	1.00	2.650	9.353	9.353	1.00	2.835
34	20	10.716	10.716	1.00	2.588	10.481	10.481	1.00	2.711	10.199	10.199	1.00	2.896
34	22	11.421	10.507	0.92	2.650	11.186	10.291	0.92	2.804	10.904	10.032	0.92	2.989

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	6.024	0.72	2.958	7.990	5.753	0.72	3.173	7.614	5.482	0.72	3.435
20	18	9.024	5.414	0.60	3.035	8.742	5.245	0.60	3.266	8.178	4.907	0.60	3.512
20	20	9.776	4.692	0.48	3.112	9.400	4.512	0.48	3.327	8.836	4.241	0.48	3.574
22	16	8.366	6.693	0.80	2.958	7.990	6.392	0.80	3.173	7.614	6.091	0.80	3.435
22	18	9.024	6.136	0.68	3.035	8.742	5.945	0.68	3.266	8.178	5.561	0.68	3.512
22	20	9.776	5.475	0.56	3.112	9.400	5.264	0.56	3.327	8.836	4.948	0.56	3.574
24	16	8.366	7.362	0.88	2.958	7.990	7.031	0.88	3.173	7.614	6.700	0.88	3.435
24	18	9.024	6.858	0.76	3.035	8.742	6.644	0.76	3.266	8.178	6.215	0.76	3.512
24	20	9.776	6.257	0.64	3.112	9.400	6.016	0.64	3.327	8.836	5.655	0.64	3.574
24	22	10.528	5.475	0.52	3.173	10.152	5.279	0.52	3.420	9.588	4.986	0.52	3.636
26	16	8.366	8.031	0.96	2.958	7.990	7.670	0.96	3.173	7.614	7.309	0.96	3.435
26	18	9.024	7.580	0.84	3.035	8.742	7.343	0.84	3.266	8.178	6.870	0.84	3.512
26	20	9.776	7.039	0.72	3.112	9.400	6.768	0.72	3.327	8.836	6.362	0.72	3.574
26	22	10.528	6.317	0.60	3.173	10.152	6.091	0.60	3.420	9.588	5.753	0.60	3.636
27	16	8.366	8.366	1.00	2.958	7.990	7.990	1.00	3.173	7.614	7.614	1.00	3.435
27	18	9.024	7.941	0.88	3.035	8.742	7.693	0.88	3.266	8.178	7.197	0.88	3.512
27	20	9.776	7.430	0.76	3.112	9.400	7.144	0.76	3.327	8.836	6.715	0.76	3.574
27	22	10.528	6.738	0.64	3.173	10.152	6.497	0.64	3.420	9.588	6.136	0.64	3.636
28	16	8.366	8.366	1.00	2.958	7.990	7.990	1.00	3.173	7.614	7.614	1.00	3.435
28	18	9.024	8.302	0.92	3.035	8.742	8.043	0.92	3.266	8.178	7.524	0.92	3.512
28	20	9.776	7.821	0.80	3.112	9.400	7.520	0.80	3.327	8.836	7.069	0.80	3.574
28	22	10.528	7.159	0.68	3.173	10.152	6.903	0.68	3.420	9.588	6.520	0.68	3.636
30	16	8.366	8.366	1.00	2.958	7.990	7.990	1.00	3.173	7.614	7.614	1.00	3.435
30	18	9.024	9.024	1.00	3.035	8.742	8.742	1.00	3.266	8.178	8.178	1.00	3.512
30	20	9.776	8.603	0.88	3.112	9.400	8.272	0.88	3.327	8.836	7.776	0.88	3.574
30	22	10.528	8.001	0.76	3.173	10.152	7.716	0.76	3.420	9.588	7.287	0.76	3.636
32	16	8.366	8.366	1.00	2.958	7.990	7.990	1.00	3.173	7.614	7.614	1.00	3.435
32	18	9.024	9.024	1.00	3.035	8.742	8.742	1.00	3.266	8.178	8.178	1.00	3.512
32	20	9.776	9.385	0.96	3.112	9.400	9.024	0.96	3.327	8.836	8.483	0.96	3.574
32	22	10.528	8.844	0.84	3.173	10.152	8.528	0.84	3.420	9.588	8.054	0.84	3.636
34	16	8.366	8.366	1.00	2.958	7.990	7.990	1.00	3.173	7.614	7.614	1.00	3.435
34	18	9.024	9.024	1.00	3.035	8.742	8.742	1.00	3.266	8.178	8.178	1.00	3.512
34	20	9.776	9.776	1.00	3.112	9.400	9.400	1.00	3.327	8.836	8.836	1.00	3.574
34	22	10.528	9.686	0.92	3.173	10.152	9.340	0.92	3.420	9.588	8.821	0.92	3.636

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM125JA(L)2 / PUHZ-SP125VKA PUHZ-SP125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	8.146	0.68	3.445	11.616	7.899	0.68	3.639	11.253	7.652	0.68	3.854
20	18	12.826	7.183	0.56	3.509	12.463	6.979	0.56	3.703	12.040	6.742	0.56	3.962
20	20	13.794	6.069	0.44	3.617	13.492	5.936	0.44	3.789	13.129	5.777	0.44	4.048
22	16	11.979	9.104	0.76	3.445	11.616	8.828	0.76	3.639	11.253	8.552	0.76	3.854
22	18	12.826	8.209	0.64	3.509	12.463	7.976	0.64	3.703	12.040	7.706	0.64	3.962
22	20	13.794	7.173	0.52	3.617	13.492	7.016	0.52	3.789	13.129	6.827	0.52	4.048
24	16	11.979	10.062	0.84	3.445	11.616	9.757	0.84	3.639	11.253	9.453	0.84	3.854
24	18	12.826	9.235	0.72	3.509	12.463	8.973	0.72	3.703	12.040	8.669	0.72	3.962
24	20	13.794	8.276	0.60	3.617	13.492	8.095	0.60	3.789	13.129	7.877	0.60	4.048
24	22	14.702	7.057	0.48	3.703	14.399	6.912	0.48	3.918	14.036	6.737	0.48	4.177
26	16	11.979	11.021	0.92	3.445	11.616	10.687	0.92	3.639	11.253	10.353	0.92	3.854
26	18	12.826	10.261	0.80	3.509	12.463	9.970	0.80	3.703	12.040	9.632	0.80	3.962
26	20	13.794	9.380	0.68	3.617	13.492	9.175	0.68	3.789	13.129	8.928	0.68	4.048
26	22	14.702	8.233	0.56	3.703	14.399	8.063	0.56	3.918	14.036	7.860	0.56	4.177
27	16	11.979	11.500	0.96	3.445	11.616	11.151	0.96	3.639	11.253	10.803	0.96	3.854
27	18	12.826	10.774	0.84	3.509	12.463	10.469	0.84	3.703	12.040	10.114	0.84	3.962
27	20	13.794	9.932	0.72	3.617	13.492	9.714	0.72	3.789	13.129	9.453	0.72	4.048
27	22	14.702	8.821	0.60	3.703	14.399	8.639	0.60	3.918	14.036	8.422	0.60	4.177
28	16	11.979	11.979	1.00	3.445	11.616	11.616	1.00	3.639	11.253	11.253	1.00	3.854
28	18	12.826	11.287	0.88	3.509	12.463	10.967	0.88	3.703	12.040	10.595	0.88	3.962
28	20	13.794	10.483	0.76	3.617	13.492	10.254	0.76	3.789	13.129	9.978	0.76	4.048
28	22	14.702	9.409	0.64	3.703	14.399	9.215	0.64	3.918	14.036	8.983	0.64	4.177
30	16	11.979	11.979	1.00	3.445	11.616	11.616	1.00	3.639	11.253	11.253	1.00	3.854
30	18	12.826	12.313	0.96	3.509	12.463	11.964	0.96	3.703	12.040	11.558	0.96	3.962
30	20	13.794	11.587	0.84	3.617	13.492	11.333	0.84	3.789	13.129	11.028	0.84	4.048
30	22	14.702	10.585	0.72	3.703	14.399	10.367	0.72	3.918	14.036	10.106	0.72	4.177
32	16	11.979	11.979	1.00	3.445	11.616	11.616	1.00	3.639	11.253	11.253	1.00	3.854
32	18	12.826	12.826	1.00	3.509	12.463	12.463	1.00	3.703	12.040	12.040	1.00	3.962
32	20	13.794	12.690	0.92	3.617	13.492	12.413	0.92	3.789	13.129	12.079	0.92	4.048
32	22	14.702	11.762	0.80	3.703	14.399	11.519	0.80	3.918	14.036	11.229	0.80	4.177
34	16	11.979	11.979	1.00	3.445	11.616	11.616	1.00	3.639	11.253	11.253	1.00	3.854
34	18	12.826	12.826	1.00	3.509	12.463	12.463	1.00	3.703	12.040	12.040	1.00	3.962
34	20	13.794	13.794	1.00	3.617	13.492	13.492	1.00	3.789	13.129	13.129	1.00	4.048
34	22	14.702	12.938	0.88	3.703	14.399	12.671	0.88	3.918	14.036	12.352	0.88	4.177

CEILING-CONCEALED

PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	7.323	0.68	4.134	10.285	6.994	0.68	4.435	9.801	6.665	0.68	4.801
20	18	11.616	6.505	0.56	4.241	11.253	6.302	0.56	4.564	10.527	5.895	0.56	4.909
20	20	12.584	5.537	0.44	4.349	12.100	5.324	0.44	4.650	11.374	5.005	0.44	4.995
22	16	10.769	8.184	0.76	4.134	10.285	7.817	0.76	4.435	9.801	7.449	0.76	4.801
22	18	11.616	7.434	0.64	4.241	11.253	7.202	0.64	4.564	10.527	6.737	0.64	4.909
22	20	12.584	6.544	0.52	4.349	12.100	6.292	0.52	4.650	11.374	5.914	0.52	4.995
24	16	10.769	9.046	0.84	4.134	10.285	8.639	0.84	4.435	9.801	8.233	0.84	4.801
24	18	11.616	8.364	0.72	4.241	11.253	8.102	0.72	4.564	10.527	7.579	0.72	4.909
24	20	12.584	7.550	0.60	4.349	12.100	7.260	0.60	4.650	11.374	6.824	0.60	4.995
24	22	13.552	6.505	0.48	4.435	13.068	6.273	0.48	4.780	12.342	5.924	0.48	5.081
26	16	10.769	9.907	0.92	4.134	10.285	9.462	0.92	4.435	9.801	9.017	0.92	4.801
26	18	11.616	9.293	0.80	4.241	11.253	9.002	0.80	4.564	10.527	8.422	0.80	4.909
26	20	12.584	8.557	0.68	4.349	12.100	8.228	0.68	4.650	11.374	7.734	0.68	4.995
26	22	13.552	7.589	0.56	4.435	13.068	7.318	0.56	4.780	12.342	6.912	0.56	5.081
27	16	10.769	10.338	0.96	4.134	10.285	9.874	0.96	4.435	9.801	9.409	0.96	4.801
27	18	11.616	9.757	0.84	4.241	11.253	9.453	0.84	4.564	10.527	8.843	0.84	4.909
27	20	12.584	9.060	0.72	4.349	12.100	8.712	0.72	4.650	11.374	8.189	0.72	4.995
27	22	13.552	8.131	0.60	4.435	13.068	7.841	0.60	4.780	12.342	7.405	0.60	5.081
28	16	10.769	10.769	1.00	4.134	10.285	10.285	1.00	4.435	9.801	9.801	1.00	4.801
28	18	11.616	10.222	0.88	4.241	11.253	9.903	0.88	4.564	10.527	9.264	0.88	4.909
28	20	12.584	9.564	0.76	4.349	12.100	9.196	0.76	4.650	11.374	8.644	0.76	4.995
28	22	13.552	8.673	0.64	4.435	13.068	8.364	0.64	4.780	12.342	7.899	0.64	5.081
30	16	10.769	10.769	1.00	4.134	10.285	10.285	1.00	4.435	9.801	9.801	1.00	4.801
30	18	11.616	11.151	0.96	4.241	11.253	10.803	0.96	4.564	10.527	10.106	0.96	4.909
30	20	12.584	10.571	0.84	4.349	12.100	10.164	0.84	4.650	11.374	9.554	0.84	4.995
30	22	13.552	9.757	0.72	4.435	13.068	9.409	0.72	4.780	12.342	8.886	0.72	5.081
32	16	10.769	10.769	1.00	4.134	10.285	10.285	1.00	4.435	9.801	9.801	1.00	4.801
32	18	11.616	11.616	1.00	4.241	11.253	11.253	1.00	4.564	10.527	10.527	1.00	4.909
32	20	12.584	11.577	0.92	4.349	12.100	11.132	0.92	4.650	11.374	10.464	0.92	4.995
32	22	13.552	10.842	0.80	4.435	13.068	10.454	0.80	4.780	12.342	9.874	0.80	5.081
34	16	10.769	10.769	1.00	4.134	10.285	10.285	1.00	4.435	9.801	9.801	1.00	4.801
34	18	11.616	11.616	1.00	4.241	11.253	11.253	1.00	4.564	10.527	10.527	1.00	4.909
34	20	12.584	12.584	1.00	4.349	12.100	12.100	1.00	4.650	11.374	11.374	1.00	4.995
34	22	13.552	11.926	0.88	4.435	13.068	11.500	0.88	4.780	12.342	10.861	0.88	5.081

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM140JA(L)2 / PUHZ-SP140VKA PUHZ-SP140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	9.021	0.67	4.533	13.056	8.748	0.67	4.788	12.648	8.474	0.67	5.071
20	18	14.416	7.929	0.55	4.618	14.008	7.704	0.55	4.873	13.532	7.443	0.55	5.213
20	20	15.504	6.667	0.43	4.759	15.164	6.521	0.43	4.986	14.756	6.345	0.43	5.326
22	16	13.464	10.098	0.75	4.533	13.056	9.792	0.75	4.788	12.648	9.486	0.75	5.071
22	18	14.416	9.082	0.63	4.618	14.008	8.825	0.63	4.873	13.532	8.525	0.63	5.213
22	20	15.504	7.907	0.51	4.759	15.164	7.734	0.51	4.986	14.756	7.526	0.51	5.326
24	16	13.464	11.175	0.83	4.533	13.056	10.836	0.83	4.788	12.648	10.498	0.83	5.071
24	18	14.416	10.235	0.71	4.618	14.008	9.946	0.71	4.873	13.532	9.608	0.71	5.213
24	20	15.504	9.147	0.59	4.759	15.164	8.947	0.59	4.986	14.756	8.706	0.59	5.326
24	22	16.524	7.766	0.47	4.873	16.184	7.606	0.47	5.156	15.776	7.415	0.47	5.496
26	16	13.464	12.252	0.91	4.533	13.056	11.881	0.91	4.788	12.648	11.510	0.91	5.071
26	18	14.416	11.389	0.79	4.618	14.008	11.066	0.79	4.873	13.532	10.690	0.79	5.213
26	20	15.504	10.388	0.67	4.759	15.164	10.160	0.67	4.986	14.756	9.887	0.67	5.326
26	22	16.524	9.088	0.55	4.873	16.184	8.901	0.55	5.156	15.776	8.677	0.55	5.496
27	16	13.464	12.791	0.95	4.533	13.056	12.403	0.95	4.788	12.648	12.016	0.95	5.071
27	18	14.416	11.965	0.83	4.618	14.008	11.627	0.83	4.873	13.532	11.232	0.83	5.213
27	20	15.504	11.008	0.71	4.759	15.164	10.766	0.71	4.986	14.756	10.477	0.71	5.326
27	22	16.524	9.749	0.59	4.873	16.184	9.549	0.59	5.156	15.776	9.308	0.59	5.496
28	16	13.464	13.329	0.99	4.533	13.056	12.925	0.99	4.788	12.648	12.522	0.99	5.071
28	18	14.416	12.542	0.87	4.618	14.008	12.187	0.87	4.873	13.532	11.773	0.87	5.213
28	20	15.504	11.628	0.75	4.759	15.164	11.373	0.75	4.986	14.756	11.067	0.75	5.326
28	22	16.524	10.410	0.63	4.873	16.184	10.196	0.63	5.156	15.776	9.939	0.63	5.496
30	16	13.464	13.464	1.00	4.533	13.056	13.056	1.00	4.788	12.648	12.648	1.00	5.071
30	18	14.416	13.695	0.95	4.618	14.008	13.308	0.95	4.873	13.532	12.855	0.95	5.213
30	20	15.504	12.868	0.83	4.759	15.164	12.586	0.83	4.986	14.756	12.247	0.83	5.326
30	22	16.524	11.732	0.71	4.873	16.184	11.491	0.71	5.156	15.776	11.201	0.71	5.496
32	16	13.464	13.464	1.00	4.533	13.056	13.056	1.00	4.788	12.648	12.648	1.00	5.071
32	18	14.416	14.416	1.00	4.618	14.008	14.008	1.00	4.873	13.532	13.532	1.00	5.213
32	20	15.504	14.109	0.91	4.759	15.164	13.799	0.91	4.986	14.756	13.428	0.91	5.326
32	22	16.524	13.054	0.79	4.873	16.184	12.785	0.79	5.156	15.776	12.463	0.79	5.496
34	16	13.464	13.464	1.00	4.533	13.056	13.056	1.00	4.788	12.648	12.648	1.00	5.071
34	18	14.416	14.416	1.00	4.618	14.008	14.008	1.00	4.873	13.532	13.532	1.00	5.213
34	20	15.504	15.349	0.99	4.759	15.164	15.012	0.99	4.986	14.756	14.608	0.99	5.326
34	22	16.524	14.376	0.87	4.873	16.184	14.080	0.87	5.156	15.776	13.725	0.87	5.496

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	8.110	0.67	5.439	11.560	7.745	0.67	5.836	11.016	7.381	0.67	6.318
20	18	13.056	7.181	0.55	5.581	12.648	6.956	0.55	6.006	11.832	6.508	0.55	6.459
20	20	14.144	6.082	0.43	5.723	13.600	5.848	0.43	6.119	12.784	5.497	0.43	6.573
22	16	12.104	9.078	0.75	5.439	11.560	8.670	0.75	5.836	11.016	8.262	0.75	6.318
22	18	13.056	8.225	0.63	5.581	12.648	7.988	0.63	6.006	11.832	7.454	0.63	6.459
22	20	14.144	7.213	0.51	5.723	13.600	6.936	0.51	6.119	12.784	6.520	0.51	6.573
24	16	12.104	10.046	0.83	5.439	11.560	9.595	0.83	5.836	11.016	9.143	0.83	6.318
24	18	13.056	9.270	0.71	5.581	12.648	8.980	0.71	6.006	11.832	8.401	0.71	6.459
24	20	14.144	8.345	0.59	5.723	13.600	8.024	0.59	6.119	12.784	7.543	0.59	6.573
24	22	15.232	7.159	0.47	5.836	14.688	6.903	0.47	6.289	13.872	6.520	0.47	6.686
26	16	12.104	11.015	0.91	5.439	11.560	10.520	0.91	5.836	11.016	10.025	0.91	6.318
26	18	13.056	10.314	0.79	5.581	12.648	9.992	0.79	6.006	11.832	9.347	0.79	6.459
26	20	14.144	9.476	0.67	5.723	13.600	9.112	0.67	6.119	12.784	8.565	0.67	6.573
26	22	15.232	8.378	0.55	5.836	14.688	8.078	0.55	6.289	13.872	7.630	0.55	6.686
27	16	12.104	11.499	0.95	5.439	11.560	10.982	0.95	5.836	11.016	10.465	0.95	6.318
27	18	13.056	10.836	0.83	5.581	12.648	10.498	0.83	6.006	11.832	9.821	0.83	6.459
27	20	14.144	10.042	0.71	5.723	13.600	9.656	0.71	6.119	12.784	9.077	0.71	6.573
27	22	15.232	8.987	0.59	5.836	14.688	8.666	0.59	6.289	13.872	8.184	0.59	6.686
28	16	12.104	11.983	0.99	5.439	11.560	11.444	0.99	5.836	11.016	10.906	0.99	6.318
28	18	13.056	11.359	0.87	5.581	12.648	11.004	0.87	6.006	11.832	10.294	0.87	6.459
28	20	14.144	10.608	0.75	5.723	13.600	10.200	0.75	6.119	12.784	9.588	0.75	6.573
28	22	15.232	9.596	0.63	5.836	14.688	9.253	0.63	6.289	13.872	8.739	0.63	6.686
30	16	12.104	12.104	1.00	5.439	11.560	11.560	1.00	5.836	11.016	11.016	1.00	6.318
30	18	13.056	12.403	0.95	5.581	12.648	12.016	0.95	6.006	11.832	11.240	0.95	6.459
30	20	14.144	11.740	0.83	5.723	13.600	11.288	0.83	6.119	12.784	10.611	0.83	6.573
30	22	15.232	10.815	0.71	5.836	14.688	10.428	0.71	6.289	13.872	9.849	0.71	6.686
32	16	12.104	12.104	1.00	5.439	11.560	11.560	1.00	5.836	11.016	11.016	1.00	6.318
32	18	13.056	13.056	1.00	5.581	12.648	12.648	1.00	6.006	11.832	11.832	1.00	6.459
32	20	14.144	12.871	0.91	5.723	13.600	12.376	0.91	6.119	12.784	11.633	0.91	6.573
32	22	15.232	12.033	0.79	5.836	14.688	11.604	0.79	6.289	13.872	10.959	0.79	6.686
34	16	12.104	12.104	1.00	5.439	11.560	11.560	1.00	5.836	11.016	11.016	1.00	6.318
34	18	13.056	13.056	1.00	5.581	12.648	12.648	1.00	6.006	11.832	11.832	1.00	6.459
34	20	14.144	14.003	0.99	5.723	13.600	13.464	0.99	6.119	12.784	12.656	0.99	6.573
34	22	15.232	13.252	0.87	5.836	14.688	12.779	0.87	6.289	13.872	12.069	0.87	6.686

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.920	0.70	1.721	6.816	4.771	0.70	1.818	6.603	4.622	0.70	1.925
20	18	7.526	4.365	0.58	1.753	7.313	4.242	0.58	1.850	7.065	4.098	0.58	1.979
20	20	8.094	3.723	0.46	1.807	7.917	3.642	0.46	1.893	7.704	3.544	0.46	2.022
22	16	7.029	5.483	0.78	1.721	6.816	5.316	0.78	1.818	6.603	5.150	0.78	1.925
22	18	7.526	4.967	0.66	1.753	7.313	4.827	0.66	1.850	7.065	4.663	0.66	1.979
22	20	8.094	4.371	0.54	1.807	7.917	4.275	0.54	1.893	7.704	4.160	0.54	2.022
24	16	7.029	6.045	0.86	1.721	6.816	5.862	0.86	1.818	6.603	5.679	0.86	1.925
24	18	7.526	5.569	0.74	1.753	7.313	5.412	0.74	1.850	7.065	5.228	0.74	1.979
24	20	8.094	5.018	0.62	1.807	7.917	4.909	0.62	1.893	7.704	4.776	0.62	2.022
24	22	8.627	4.314	0.50	1.850	8.449	4.225	0.50	1.957	8.236	4.118	0.50	2.086
26	16	7.029	6.607	0.94	1.721	6.816	6.407	0.94	1.818	6.603	6.207	0.94	1.925
26	18	7.526	6.171	0.82	1.753	7.313	5.997	0.82	1.850	7.065	5.793	0.82	1.979
26	20	8.094	5.666	0.70	1.807	7.917	5.542	0.70	1.893	7.704	5.393	0.70	2.022
26	22	8.627	5.004	0.58	1.850	8.449	4.900	0.58	1.957	8.236	4.777	0.58	2.086
27	16	7.029	6.888	0.98	1.721	6.816	6.680	0.98	1.818	6.603	6.471	0.98	1.925
27	18	7.526	6.472	0.86	1.753	7.313	6.289	0.86	1.850	7.065	6.076	0.86	1.979
27	20	8.094	5.990	0.74	1.807	7.917	5.859	0.74	1.893	7.704	5.701	0.74	2.022
27	22	8.627	5.349	0.62	1.850	8.449	5.238	0.62	1.957	8.236	5.106	0.62	2.086
28	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
28	18	7.526	6.773	0.90	1.753	7.313	6.582	0.90	1.850	7.065	6.359	0.90	1.979
28	20	8.094	6.313	0.78	1.807	7.917	6.175	0.78	1.893	7.704	6.009	0.78	2.022
28	22	8.627	5.694	0.66	1.850	8.449	5.576	0.66	1.957	8.236	5.436	0.66	2.086
30	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
30	18	7.526	7.375	0.98	1.753	7.313	7.167	0.98	1.850	7.065	6.924	0.98	1.979
30	20	8.094	6.961	0.86	1.807	7.917	6.809	0.86	1.893	7.704	6.625	0.86	2.022
30	22	8.627	6.384	0.74	1.850	8.449	6.252	0.74	1.957	8.236	6.095	0.74	2.086
32	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
32	18	7.526	7.526	1.00	1.753	7.313	7.313	1.00	1.850	7.065	7.065	1.00	1.979
32	20	8.094	7.608	0.94	1.807	7.917	7.442	0.94	1.893	7.704	7.242	0.94	2.022
32	22	8.627	7.074	0.82	1.850	8.449	6.928	0.82	1.957	8.236	6.754	0.82	2.086
34	16	7.029	7.029	1.00	1.721	6.816	6.816	1.00	1.818	6.603	6.603	1.00	1.925
34	18	7.526	7.526	1.00	1.753	7.313	7.313	1.00	1.850	7.065	7.065	1.00	1.979
34	20	8.094	8.094	1.00	1.807	7.917	7.917	1.00	1.893	7.704	7.704	1.00	2.022
34	22	8.627	7.764	0.90	1.850	8.449	7.604	0.90	1.957	8.236	7.412	0.90	2.086

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.423	0.70	2.065	6.035	4.225	0.70	2.216	5.751	4.026	0.70	2.398
20	18	6.816	3.953	0.58	2.119	6.603	3.830	0.58	2.280	6.177	3.583	0.58	2.452
20	20	7.384	3.397	0.46	2.173	7.100	3.266	0.46	2.323	6.674	3.070	0.46	2.495
22	16	6.319	4.929	0.78	2.065	6.035	4.707	0.78	2.216	5.751	4.486	0.78	2.398
22	18	6.816	4.499	0.66	2.119	6.603	4.358	0.66	2.280	6.177	4.077	0.66	2.452
22	20	7.384	3.987	0.54	2.173	7.100	3.834	0.54	2.323	6.674	3.604	0.54	2.495
24	16	6.319	5.434	0.86	2.065	6.035	5.190	0.86	2.216	5.751	4.946	0.86	2.398
24	18	6.816	5.044	0.74	2.119	6.603	4.866	0.74	2.280	6.177	4.571	0.74	2.452
24	20	7.384	4.578	0.62	2.173	7.100	4.402	0.62	2.323	6.674	4.138	0.62	2.495
24	22	7.952	3.976	0.50	2.216	7.668	3.834	0.50	2.388	7.242	3.621	0.50	2.538
26	16	6.319	5.940	0.94	2.065	6.035	5.673	0.94	2.216	5.751	5.406	0.94	2.398
26	18	6.816	5.589	0.82	2.119	6.603	5.414	0.82	2.280	6.177	5.065	0.82	2.452
26	20	7.384	5.169	0.70	2.173	7.100	4.970	0.70	2.323	6.674	4.672	0.70	2.495
26	22	7.952	4.612	0.58	2.216	7.668	4.447	0.58	2.388	7.242	4.200	0.58	2.538
27	16	6.319	6.193	0.98	2.065	6.035	5.914	0.98	2.216	5.751	5.636	0.98	2.398
27	18	6.816	5.862	0.86	2.119	6.603	5.679	0.86	2.280	6.177	5.312	0.86	2.452
27	20	7.384	5.464	0.74	2.173	7.100	5.254	0.74	2.323	6.674	4.939	0.74	2.495
27	22	7.952	4.930	0.62	2.216	7.668	4.754	0.62	2.388	7.242	4.490	0.62	2.538
28	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
28	18	6.816	6.134	0.90	2.119	6.603	5.943	0.90	2.280	6.177	5.559	0.90	2.452
28	20	7.384	5.760	0.78	2.173	7.100	5.538	0.78	2.323	6.674	5.206	0.78	2.495
28	22	7.952	5.248	0.66	2.216	7.668	5.061	0.66	2.388	7.242	4.780	0.66	2.538
30	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
30	18	6.816	6.680	0.98	2.119	6.603	6.471	0.98	2.280	6.177	6.053	0.98	2.452
30	20	7.384	6.350	0.86	2.173	7.100	6.106	0.86	2.323	6.674	5.740	0.86	2.495
30	22	7.952	5.884	0.74	2.216	7.668	5.674	0.74	2.388	7.242	5.359	0.74	2.538
32	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
32	18	6.816	6.816	1.00	2.119	6.603	6.603	1.00	2.280	6.177	6.177	1.00	2.452
32	20	7.384	6.941	0.94	2.173	7.100	6.674	0.94	2.323	6.674	6.274	0.94	2.495
32	22	7.952	6.521	0.82	2.216	7.668	6.288	0.82	2.388	7.242	5.938	0.82	2.538
34	16	6.319	6.319	1.00	2.065	6.035	6.035	1.00	2.216	5.751	5.751	1.00	2.398
34	18	6.816	6.816	1.00	2.119	6.603	6.603	1.00	2.280	6.177	6.177	1.00	2.452
34	20	7.384	7.384	1.00	2.173	7.100	7.100	1.00	2.323	6.674	6.674	1.00	2.495
34	22	7.952	7.157	0.90	2.216	7.668	6.901	0.90	2.388	7.242	6.518	0.90	2.538

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JAL2 / PUHZ-FRP71VA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.920	0.70	1.670	6.816	4.771	0.70	1.764	6.603	4.622	0.70	1.869
20	18	7.526	4.365	0.58	1.702	7.313	4.242	0.58	1.796	7.065	4.098	0.58	1.921
20	20	8.094	3.723	0.46	1.754	7.917	3.642	0.46	1.837	7.704	3.544	0.46	1.963
22	16	7.029	5.483	0.78	1.670	6.816	5.316	0.78	1.764	6.603	5.150	0.78	1.869
22	18	7.526	4.967	0.66	1.702	7.313	4.827	0.66	1.796	7.065	4.663	0.66	1.921
22	20	8.094	4.371	0.54	1.754	7.917	4.275	0.54	1.837	7.704	4.160	0.54	1.963
24	16	7.029	6.045	0.86	1.670	6.816	5.862	0.86	1.764	6.603	5.679	0.86	1.869
24	18	7.526	5.569	0.74	1.702	7.313	5.412	0.74	1.796	7.065	5.228	0.74	1.921
24	20	8.094	5.018	0.62	1.754	7.917	4.909	0.62	1.837	7.704	4.776	0.62	1.963
24	22	8.627	4.314	0.50	1.796	8.449	4.225	0.50	1.900	8.236	4.118	0.50	2.025
26	16	7.029	6.607	0.94	1.670	6.816	6.407	0.94	1.764	6.603	6.207	0.94	1.869
26	18	7.526	6.171	0.82	1.702	7.313	5.997	0.82	1.796	7.065	5.793	0.82	1.921
26	20	8.094	5.666	0.70	1.754	7.917	5.542	0.70	1.837	7.704	5.393	0.70	1.963
26	22	8.627	5.004	0.58	1.796	8.449	4.900	0.58	1.900	8.236	4.777	0.58	2.025
27	16	7.029	6.888	0.98	1.670	6.816	6.680	0.98	1.764	6.603	6.471	0.98	1.869
27	18	7.526	6.472	0.86	1.702	7.313	6.289	0.86	1.796	7.065	6.076	0.86	1.921
27	20	8.094	5.990	0.74	1.754	7.917	5.859	0.74	1.837	7.704	5.701	0.74	1.963
27	22	8.627	5.349	0.62	1.796	8.449	5.238	0.62	1.900	8.236	5.106	0.62	2.025
28	16	7.029	7.029	1.00	1.670	6.816	6.816	1.00	1.764	6.603	6.603	1.00	1.869
28	18	7.526	6.773	0.90	1.702	7.313	6.582	0.90	1.796	7.065	6.359	0.90	1.921
28	20	8.094	6.313	0.78	1.754	7.917	6.175	0.78	1.837	7.704	6.009	0.78	1.963
28	22	8.627	5.694	0.66	1.796	8.449	5.576	0.66	1.900	8.236	5.436	0.66	2.025
30	16	7.029	7.029	1.00	1.670	6.816	6.816	1.00	1.764	6.603	6.603	1.00	1.869
30	18	7.526	7.375	0.98	1.702	7.313	7.167	0.98	1.796	7.065	6.924	0.98	1.921
30	20	8.094	6.961	0.86	1.754	7.917	6.809	0.86	1.837	7.704	6.625	0.86	1.963
30	22	8.627	6.384	0.74	1.796	8.449	6.252	0.74	1.900	8.236	6.095	0.74	2.025
32	16	7.029	7.029	1.00	1.670	6.816	6.816	1.00	1.764	6.603	6.603	1.00	1.869
32	18	7.526	7.526	1.00	1.702	7.313	7.313	1.00	1.796	7.065	7.065	1.00	1.921
32	20	8.094	7.608	0.94	1.754	7.917	7.442	0.94	1.837	7.704	7.242	0.94	1.963
32	22	8.627	7.074	0.82	1.796	8.449	6.928	0.82	1.900	8.236	6.754	0.82	2.025
34	16	7.029	7.029	1.00	1.670	6.816	6.816	1.00	1.764	6.603	6.603	1.00	1.869
34	18	7.526	7.526	1.00	1.702	7.313	7.313	1.00	1.796	7.065	7.065	1.00	1.921
34	20	8.094	8.094	1.00	1.754	7.917	7.917	1.00	1.837	7.704	7.704	1.00	1.963
34	22	8.627	7.764	0.90	1.796	8.449	7.604	0.90	1.900	8.236	7.412	0.90	2.025

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.423	0.70	2.004	6.035	4.225	0.70	2.151	5.751	4.026	0.70	2.328
20	18	6.816	3.953	0.58	2.057	6.603	3.830	0.58	2.213	6.177	3.583	0.58	2.380
20	20	7.384	3.397	0.46	2.109	7.100	3.266	0.46	2.255	6.674	3.070	0.46	2.422
22	16	6.319	4.929	0.78	2.004	6.035	4.707	0.78	2.151	5.751	4.486	0.78	2.328
22	18	6.816	4.499	0.66	2.057	6.603	4.358	0.66	2.213	6.177	4.077	0.66	2.380
22	20	7.384	3.987	0.54	2.109	7.100	3.834	0.54	2.255	6.674	3.604	0.54	2.422
24	16	6.319	5.434	0.86	2.004	6.035	5.190	0.86	2.151	5.751	4.946	0.86	2.328
24	18	6.816	5.044	0.74	2.057	6.603	4.886	0.74	2.213	6.177	4.571	0.74	2.380
24	20	7.384	4.578	0.62	2.109	7.100	4.402	0.62	2.255	6.674	4.138	0.62	2.422
24	22	7.952	3.976	0.50	2.151	7.668	3.834	0.50	2.318	7.242	3.621	0.50	2.464
26	16	6.319	5.940	0.94	2.004	6.035	5.673	0.94	2.151	5.751	5.406	0.94	2.328
26	18	6.816	5.589	0.82	2.057	6.603	5.414	0.82	2.213	6.177	5.065	0.82	2.380
26	20	7.384	5.169	0.70	2.109	7.100	4.970	0.70	2.255	6.674	4.672	0.70	2.422
26	22	7.952	4.612	0.58	2.151	7.668	4.447	0.58	2.318	7.242	4.200	0.58	2.464
27	16	6.319	6.193	0.98	2.004	6.035	5.914	0.98	2.151	5.751	5.636	0.98	2.328
27	18	6.816	5.862	0.86	2.057	6.603	5.679	0.86	2.213	6.177	5.312	0.86	2.380
27	20	7.384	5.464	0.74	2.109	7.100	5.254	0.74	2.255	6.674	4.939	0.74	2.422
27	22	7.952	4.930	0.62	2.151	7.668	4.754	0.62	2.318	7.242	4.490	0.62	2.464
28	16	6.319	6.319	1.00	2.004	6.035	6.035	1.00	2.151	5.751	5.751	1.00	2.328
28	18	6.816	6.134	0.90	2.057	6.603	5.943	0.90	2.213	6.177	5.599	0.90	2.380
28	20	7.384	5.760	0.78	2.109	7.100	5.538	0.78	2.255	6.674	5.206	0.78	2.422
28	22	7.952	5.248	0.66	2.151	7.668	5.061	0.66	2.318	7.242	4.780	0.66	2.464
30	16	6.319	6.319	1.00	2.004	6.035	6.035	1.00	2.151	5.751	5.751	1.00	2.328
30	18	6.816	6.680	0.98	2.057	6.603	6.471	0.98	2.213	6.177	6.053	0.98	2.380
30	20	7.384	6.350	0.86	2.109	7.100	6.106	0.86	2.255	6.674	5.740	0.86	2.422
30	22	7.952	5.884	0.74	2.151	7.668	5.674	0.74	2.318	7.242	5.359	0.74	2.464
32	16	6.319	6.319	1.00	2.004	6.035	6.035	1.00	2.151	5.751	5.751	1.00	2.328
32	18	6.816	6.816	1.00	2.057	6.603	6.603	1.00	2.213	6.177	6.177	1.00	2.380
32	20	7.384	6.941	0.94	2.109	7.100	6.674	0.94	2.255	6.674	6.274	0.94	2.422
32	22	7.952	6.521	0.82	2.151	7.668	6.288	0.82	2.318	7.242	5.938	0.82	2.464
34	16	6.319	6.319	1.00	2.004	6.035	6.035	1.00	2.151	5.751	5.751	1.00	2.328
34	18	6.816	6.816	1.00	2.057	6.603	6.603	1.00	2.213	6.177	6.177	1.00	2.380
34	20	7.384	7.384	1.00	2.109	7.100	7.100	1.00	2.255	6.674	6.674	1.00	2.422
34	22	7.952	7.157	0.90	2.151	7.668	6.901	0.90	2.318	7.242	6.518	0.90	2.464

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PEAD-M•JA(L)2 / PUHZ-SHW•VHA PUHZ-SHW•YHA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M100JA(L)2	15	11.648	5.34	11.648	4.90	11.648	4.00	11.648	2.92	12.768	3.17	14.112	3.37
	20	11.200	5.52	11.200	5.09	11.200	4.22	11.200	3.13	12.320	3.35	13.608	3.61
	25	10.752	5.71	10.752	5.28	10.752	4.41	10.752	3.35	11.872	3.60	13.160	3.91
PEAD-M125JA(L)2	15	14.560	6.67	14.560	6.13	14.560	5.00	14.560	3.65	15.960	3.96	17.640	4.21
	20	14.000	6.90	14.000	6.36	14.000	5.28	14.000	3.92	15.400	4.19	17.010	4.52
	25	13.440	7.14	13.440	6.59	13.440	5.51	13.440	4.19	14.840	4.50	16.450	4.89

PEAD-M•JA(L)2 / PUHZ-ZRP•VKA2(3) PUHZ-ZRP•VHA2 PUHZ-ZRP•YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M35JA(L)2	15	2.604	0.561	2.829	0.618	3.157	0.713	4.141	0.855	4.674	0.950	5.207	1.026
	20	2.501	0.608	2.706	0.665	2.993	0.770	3.998	0.922	4.510	1.026	5.023	1.102
	25	2.419	0.646	2.624	0.722	2.870	0.836	3.772	0.979	4.346	1.097	4.838	1.183
PEAD-M50JA(L)2	15	3.810	0.885	4.140	0.975	4.620	1.125	6.060	1.350	6.840	1.500	7.620	1.620
	20	3.660	0.960	3.960	1.050	4.380	1.215	5.850	1.455	6.600	1.620	7.350	1.740
	25	3.540	1.020	3.840	1.140	4.200	1.320	5.520	1.545	6.360	1.733	7.080	1.868
PEAD-M60JA(L)2	15	4.445	1.056	4.830	1.164	5.390	1.343	7.070	1.611	7.980	1.790	8.890	1.933
	20	4.270	1.146	4.620	1.253	5.110	1.450	6.825	1.736	7.700	1.933	8.575	2.076
	25	4.130	1.217	4.480	1.360	4.900	1.575	6.440	1.844	7.420	2.067	8.260	2.229
PEAD-M71JA(L)2	15	5.080	1.198	5.520	1.320	6.160	1.523	8.080	1.827	9.120	2.030	10.160	2.192
	20	4.880	1.299	5.280	1.421	5.840	1.644	7.800	1.969	8.800	2.192	9.800	2.355
	25	4.720	1.380	5.120	1.543	5.600	1.786	7.360	2.091	8.480	2.345	9.440	2.527
PEAD-M100JA(L)2	15	7.112	1.534	7.728	1.690	8.624	1.950	11.312	2.340	12.768	2.600	14.224	2.808
	20	6.832	1.664	7.392	1.820	8.176	2.106	10.920	2.522	12.320	2.808	13.720	3.016
	25	6.608	1.768	7.168	1.976	7.840	2.288	10.304	2.678	11.872	3.003	13.216	3.237
PEAD-M125JA(L)2	15	8.890	2.070	9.660	2.280	10.780	2.631	14.140	3.157	15.960	3.508	17.780	3.789
	20	8.540	2.245	9.240	2.456	10.220	2.841	13.650	3.403	15.400	3.789	17.150	4.069
	25	8.260	2.385	8.960	2.666	9.800	3.087	12.880	3.613	14.840	4.052	16.520	4.367
PEAD-M140JA(L)2	15	10.160	2.402	11.040	2.646	12.320	3.053	16.160	3.664	18.240	4.071	20.320	4.397
	20	9.760	2.605	10.560	2.850	11.680	3.298	15.600	3.949	17.600	4.397	19.600	4.722
	25	9.440	2.768	10.240	3.094	11.200	3.582	14.720	4.193	16.960	4.702	18.880	5.068

PEA-M•LA2 / PUHZ-ZRP•YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA2	15	14.224	3.853	15.456	4.245	17.248	4.898	22.624	5.877	25.536	6.530	28.448	7.052
	20	13.664	4.179	14.784	4.571	16.352	5.289	21.840	6.334	24.640	7.052	27.440	7.575
	25	13.216	4.440	14.336	4.963	15.680	5.746	20.608	6.726	23.744	7.542	26.432	8.130
PEA-M250LA2	15	17.145	4.827	18.630	5.318	20.790	6.136	27.270	7.363	30.780	8.181	34.290	8.835
	20	16.470	5.236	17.820	5.727	19.710	6.627	26.325	7.936	29.700	8.835	33.075	9.490
	25	15.930	5.563	17.280	6.218	18.900	7.199	24.840	8.426	28.620	9.449	31.860	10.185

PEAD-M•JA(L)2 / SUZ-KA•VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M35JA(L)2	15	2.050	0.578	2.583	0.722	3.116	0.867	3.649	0.978	4.182	1.055	4.715	1.122	5.207	1.155	5.740	1.178
	21	1.927	0.615	2.460	0.778	2.952	0.922	3.485	1.022	3.977	1.100	4.510	1.155	5.002	1.189	5.515	1.233
	26	1.681	0.667	2.214	0.833	2.747	0.978	3.239	1.078	3.772	1.155	4.305	1.211	4.797	1.244	5.330	1.278
PEAD-M50JA(L)2	15	2.950	0.842	3.717	1.053	4.484	1.264	5.251	1.426	6.018	1.539	6.785	1.636	7.493	1.685	8.260	1.717
	21	2.773	0.897	3.540	1.134	4.248	1.345	5.015	1.490	5.723	1.604	6.490	1.685	7.198	1.733	7.936	1.798
	26	2.419	0.972	3.186	1.215	3.953	1.426	4.661	1.571	5.428	1.685	6.195	1.766	6.903	1.814	7.670	1.863
PEAD-M60JA(L)2	15	3.500	1.003	4.410	1.253	5.320	1.504	6.230	1.697	7.140	1.832	8.050	1.947	8.890	2.005	9.800	2.044
	21	3.290	1.068	4.200	1.350	5.040	1.600	5.950	1.774	6.790	1.909	7.700	2.005	8.540	2.063	9.415	2.140
	26	2.870	1.157	3.780	1.446	4.690	1.697	5.530	1.870	6.440	2.005	7.350	2.102	8.190	2.159	9.100	2.217
PEAD-M71JA(L)2	15	4.000	1.061	5.040	1.326	6.080	1.591	7.120	1.795	8.160	1.938	9.200	2.060	10.160	2.122	11.200	2.162
	21	3.760	1.130	4.800	1.428	5.760	1.693	6.800	1.877	7.760	2.020	8.800	2.122	9.760	2.183	10.760	2.264
	26	3.280	1.224	4.320	1.530	5.360	1.795	6.320	1.979	7.360	2.122	8.400	2.224	9.360	2.285	10.400	2.346

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

PEAD-M•JA(L)2 / PUHZ-P•VKA PUHZ-P•YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M100JA(L)2	15	7.112	1.739	7.728	1.916	8.624	2.210	11.312	2.652	12.768	2.947	14.224	3.183
	20	6.832	1.886	7.392	2.063	8.176	2.387	10.920	2.859	12.320	3.183	13.720	3.419
	25	6.608	2.004	7.168	2.240	7.840	2.593	10.304	3.035	11.872	3.404	13.216	3.669
PEAD-M125JA(L)2	15	8.573	2.206	9.315	2.430	10.395	2.804	13.635	3.365	15.390	3.739	17.145	4.038
	20	8.235	2.393	8.910	2.617	9.855	3.029	13.163	3.627	14.850	4.038	16.538	4.337
	25	7.965	2.543	8.640	2.842	9.450	3.290	12.420	3.851	14.310	4.319	15.930	4.655
PEAD-M140JA(L)2	15	9.525	2.565	10.350	2.826	11.550	3.260	15.150	3.912	17.100	4.347	19.050	4.695
	20	9.150	2.782	9.900	3.043	10.950	3.521	14.625	4.217	16.500	4.695	18.375	5.043
	25	8.850	2.956	9.600	3.304	10.500	3.825	13.800	4.477	15.900	5.021	17.700	5.412

PEA-M•LA2 / PUHZ-P•YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA2	15	14.224	3.957	15.456	4.359	17.248	5.030	22.624	6.035	25.536	6.706	28.448	7.242
	20	13.664	4.292	14.784	4.694	16.352	5.432	21.840	6.505	24.640	7.242	27.440	7.779
	25	13.216	4.560	14.336	5.097	15.680	5.901	20.608	6.907	23.744	7.745	26.432	8.349
PEA-M250LA2	15	17.145	4.978	18.630	5.484	20.790	6.328	27.270	7.593	30.780	8.437	34.290	9.112
	20	16.470	5.400	17.820	5.906	19.710	6.834	26.325	8.184	29.700	9.112	33.075	9.787
	25	15.930	5.737	17.280	6.412	18.900	7.425	24.840	8.690	28.620	9.745	31.860	10.504

PEAD-SM•JA(L)2 / SUZ-SA•VA2(3)

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM71JA(L)2	15	4.000	1.152	5.040	1.440	6.080	1.728	7.120	1.950	8.160	2.105	9.200	2.238	10.160	2.305	11.200	2.349
	21	3.760	1.228	4.800	1.551	5.760	1.839	6.800	2.039	7.760	2.194	8.800	2.305	9.760	2.371	10.760	2.460
	26	3.280	1.330	4.320	1.662	5.360	1.950	6.320	2.150	7.360	2.305	8.400	2.415	9.360	2.482	10.400	2.548
PEAD-SM100JA(L)2	15	5.600	1.613	7.056	2.016	8.512	2.420	9.968	2.730	11.424	2.947	12.880	3.133	14.224	3.226	15.680	3.288
	21	5.264	1.719	6.720	2.171	8.064	2.575	9.520	2.854	10.864	3.071	12.320	3.226	13.664	3.319	15.064	3.443
	26	4.592	1.861	6.048	2.327	7.504	2.730	8.848	3.009	10.304	3.226	11.760	3.381	13.104	3.474	14.560	3.567

PEAD-SM•JA(L)2 / PUHZ-SP•VKA PUHZ-SP•YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM100JA(L)2	15	7.112	1.786	7.728	1.968	8.624	2.270	11.312	2.724	12.768	3.027	14.224	3.269
	20	6.832	1.937	7.392	2.119	8.176	2.452	10.920	2.936	12.320	3.269	13.720	3.511
	25	6.608	2.058	7.168	2.301	7.840	2.664	10.304	3.118	11.872	3.496	13.216	3.769
PEAD-SM125JA(L)2	15	8.573	2.276	9.315	2.507	10.395	2.893	13.635	3.471	15.390	3.857	17.145	4.166
	20	8.235	2.468	8.910	2.700	9.855	3.124	13.163	3.741	14.850	4.166	16.538	4.474
	25	7.965	2.623	8.640	2.931	9.450	3.394	12.420	3.973	14.310	4.455	15.930	4.802
PEAD-SM140JA(L)2	15	9.525	2.595	10.350	2.859	11.550	3.299	15.150	3.958	17.100	4.398	19.050	4.750
	20	9.150	2.815	9.900	3.079	10.950	3.562	14.625	4.266	16.500	4.750	18.375	5.102
	25	8.850	2.991	9.600	3.342	10.500	3.870	13.800	4.530	15.900	5.080	17.700	5.476

PEAD-M•JLA / PUHZ-FRP•VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M71JA(L)2	15	5.080	1.262	5.520	1.390	6.160	1.604	8.080	1.925	9.120	2.139	10.160	2.310
	20	4.880	1.369	5.280	1.497	5.840	1.733	7.800	2.075	8.800	2.310	9.800	2.481
	25	4.720	1.455	5.120	1.626	5.600	1.882	7.360	2.203	8.480	2.471	9.440	2.663

Note:

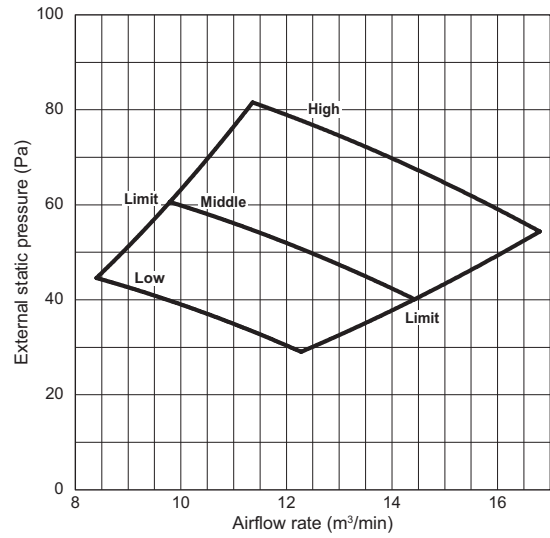
CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.6.6 FAN PERFORMANCE

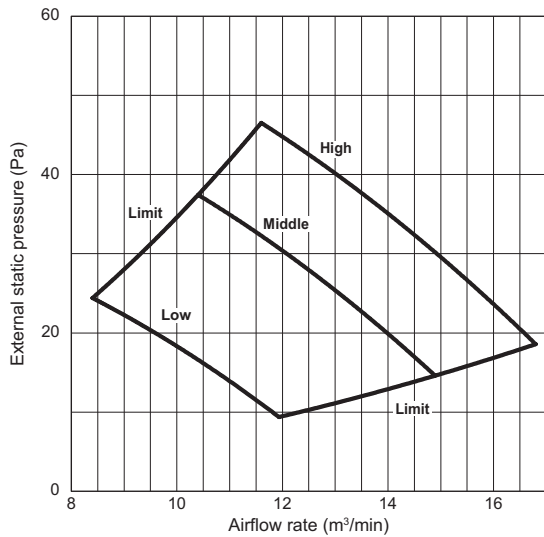
A.6.6.1 PEAD-M · JA(L)2 / PEAD-SM · JA(L)2

- PEAD-M35JA2
- PEAD-M35JAL2
- PEAD-SM35JA
- PEAD-SM35JAL

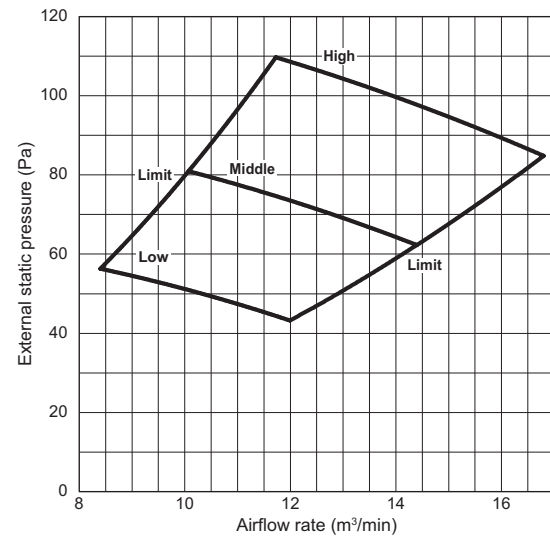
External static pressure: 70Pa
Powersource: 220-240V



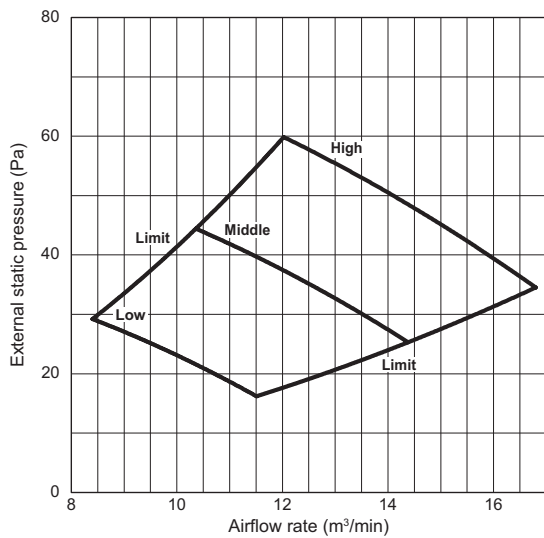
External static pressure: 35Pa
Powersource: 220-240V



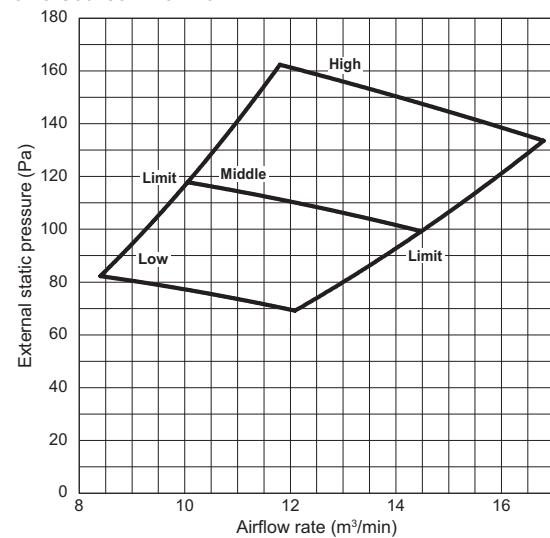
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



CEILING-
CONCEALED

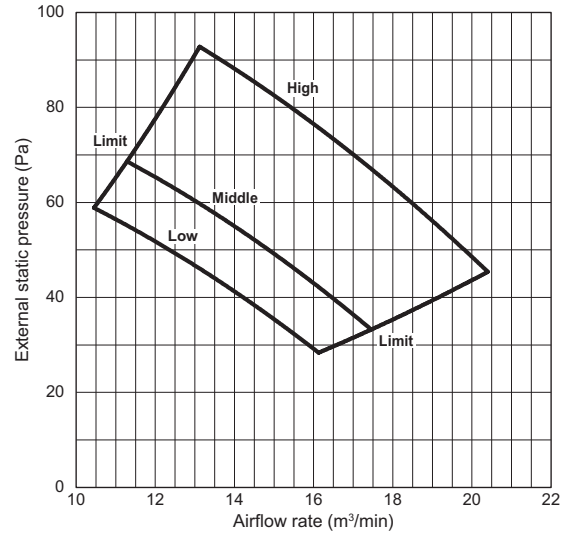
FAN PERFORMANCE

PEAD-M50JA2
 PEAD-M50JAL2
 PEAD-SM50JA
 PEAD-SM50JAL

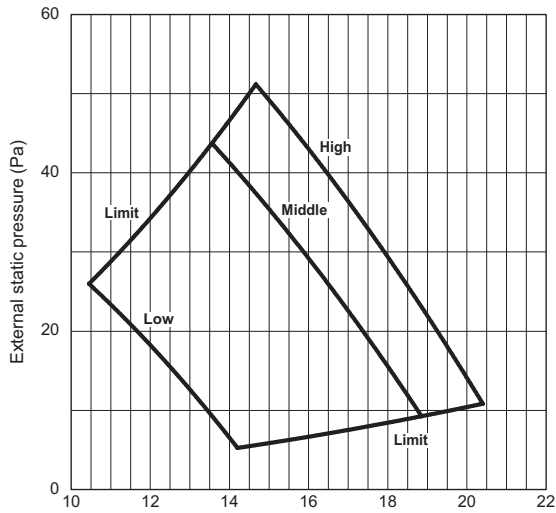
CEILING-
 CONCEALED

FAN PERFORMANCE

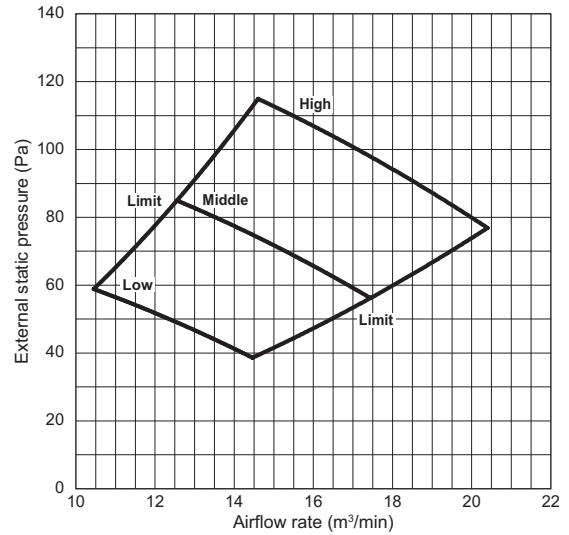
External static pressure: 70Pa
 Powersource: 220-240V



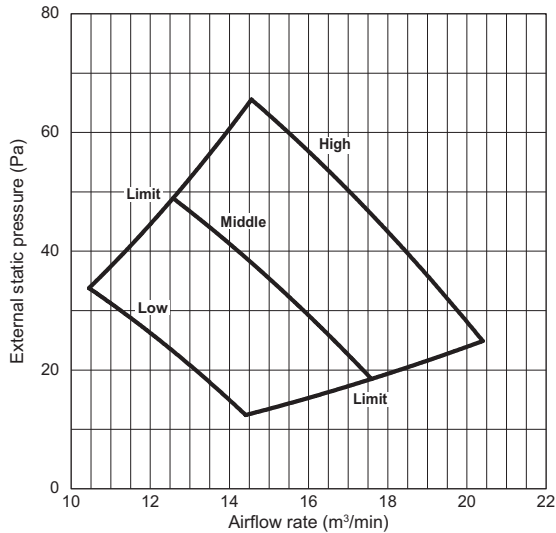
External static pressure: 35Pa
 Powersource: 220-240V



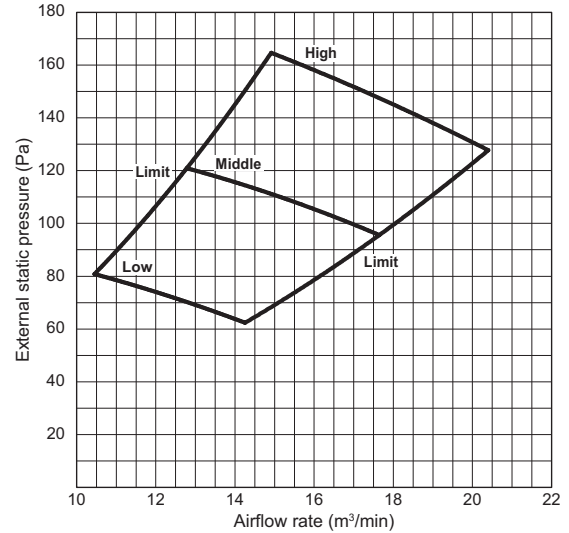
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V

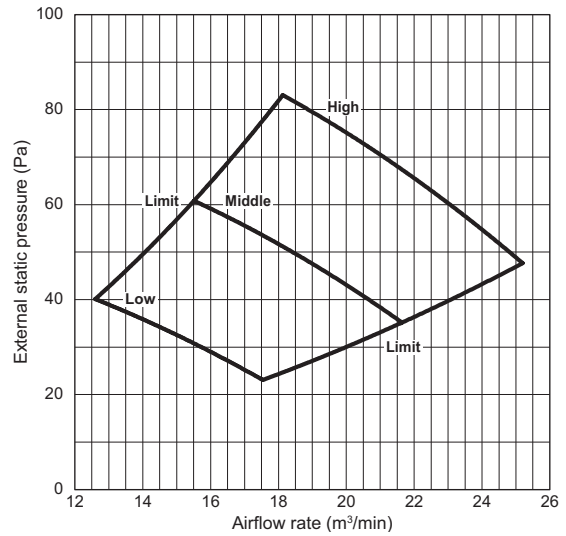


External static pressure: 150Pa
 Powersource: 220-240V

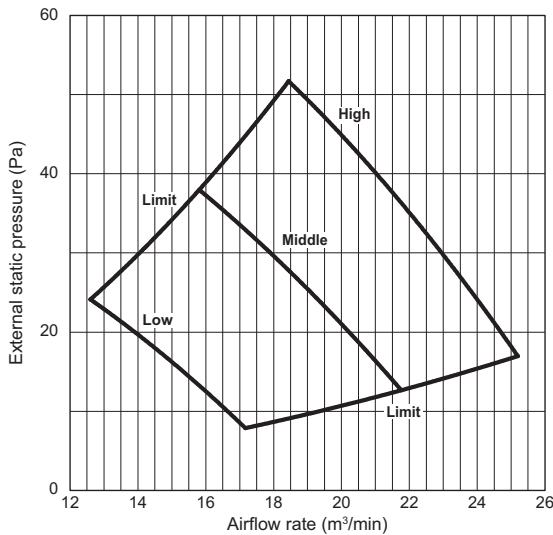


PEAD-M60JA2
 PEAD-M60JAL2
 PEAD-SM60JA
 PEAD-SM60JAL

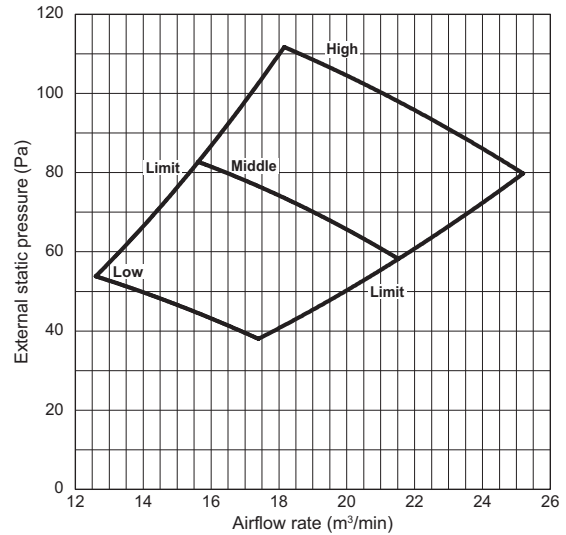
External static pressure: 70Pa
 Powersource: 220-240V



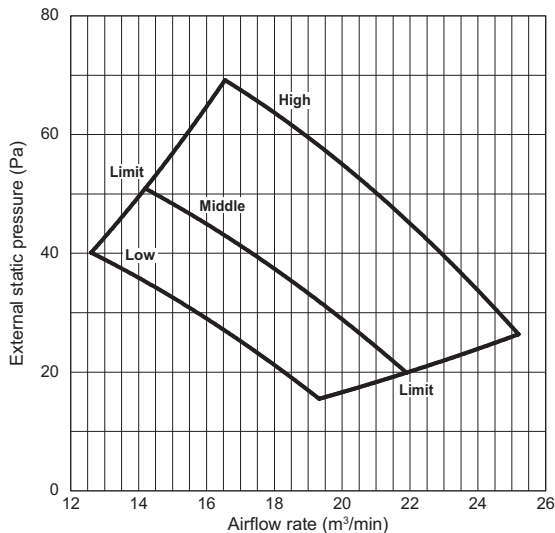
External static pressure: 40Pa
 Powersource: 220-240V



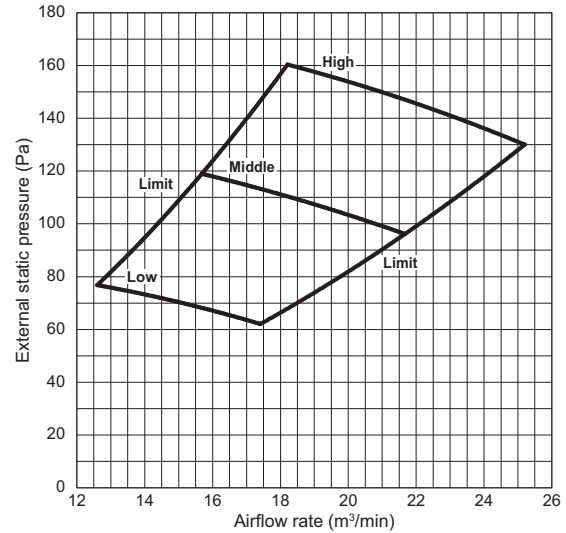
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



External static pressure: 150Pa
 Powersource: 220-240V

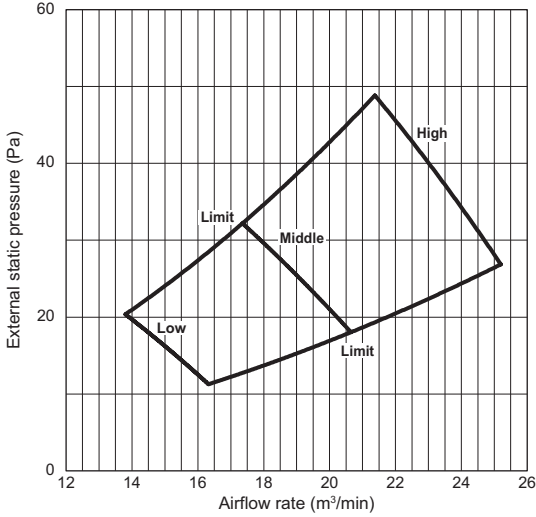


CEILING-
CONCEALED

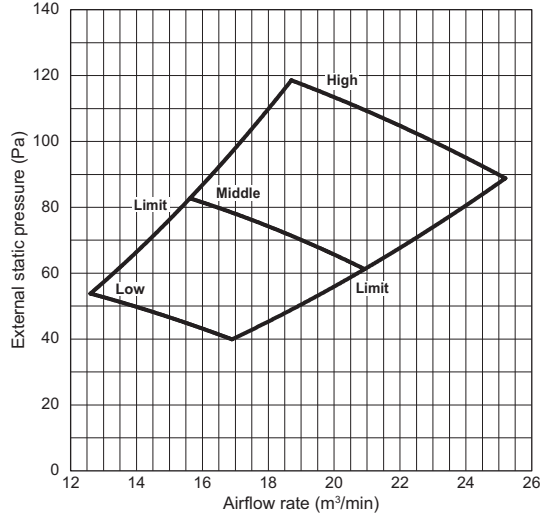
FAN PERFORMANCE

PEAD-M71JA2
PEAD-M71JAL2
PEAD-SM71JA2
PEAD-SM71JAL2

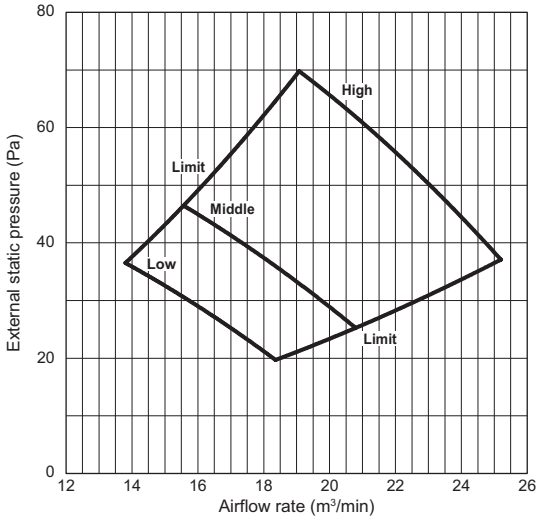
External static pressure: 40Pa
Powersource: 220-240V



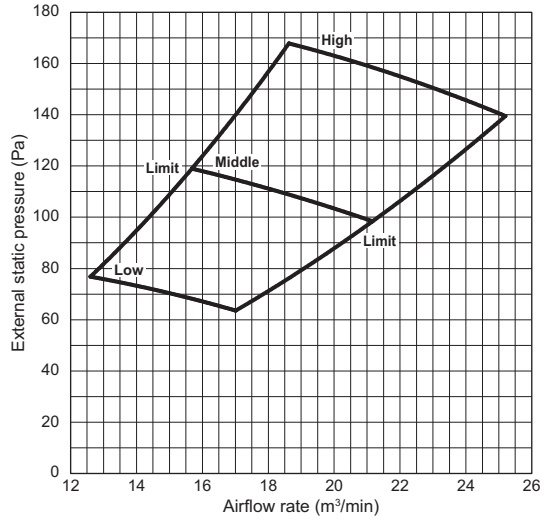
External static pressure: 100Pa
Powersource: 220-240V



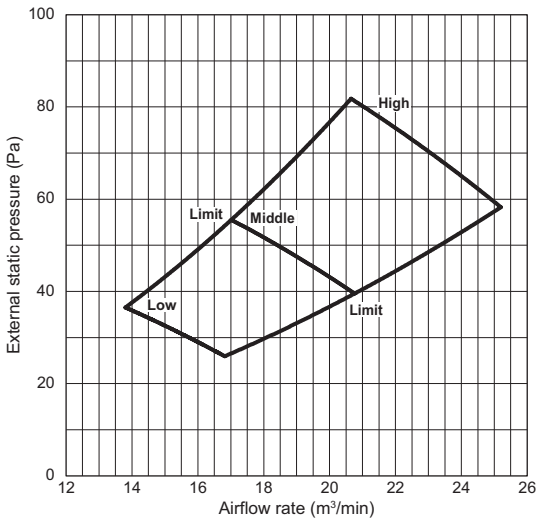
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



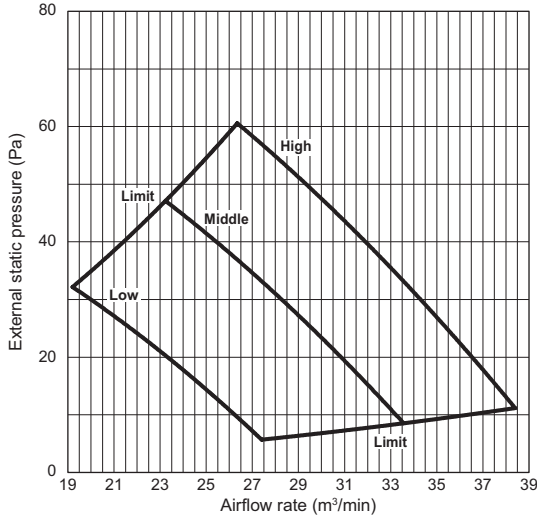
External static pressure: 70Pa
Powersource: 220-240V



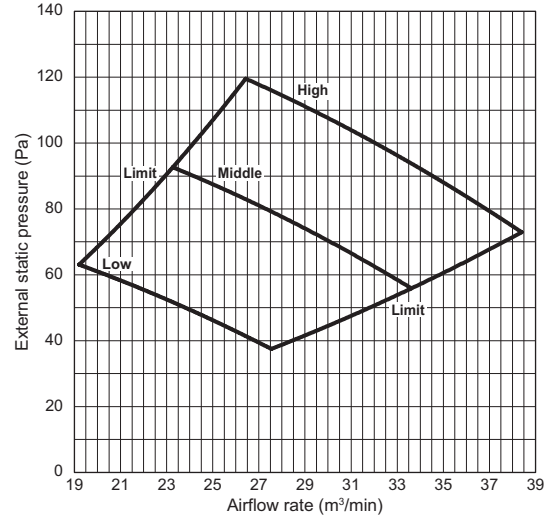
CEILING-CONCEALED FAN PERFORMANCE

PEAD-M100JA2
PEAD-M100JAL2
PEAD-SM100JA2
PEAD-SM100JAL2

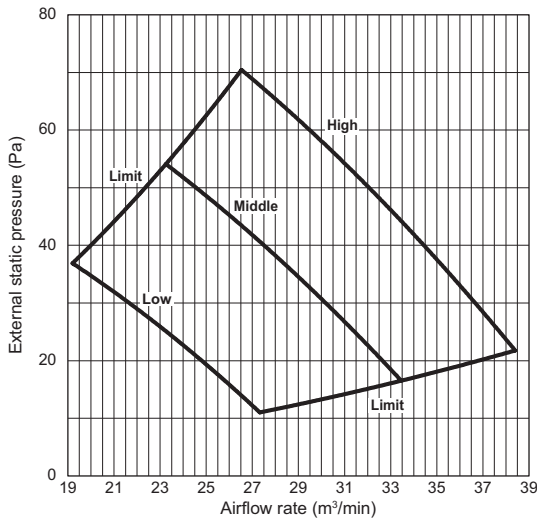
External static pressure: 40Pa
Powersource: 220-240V



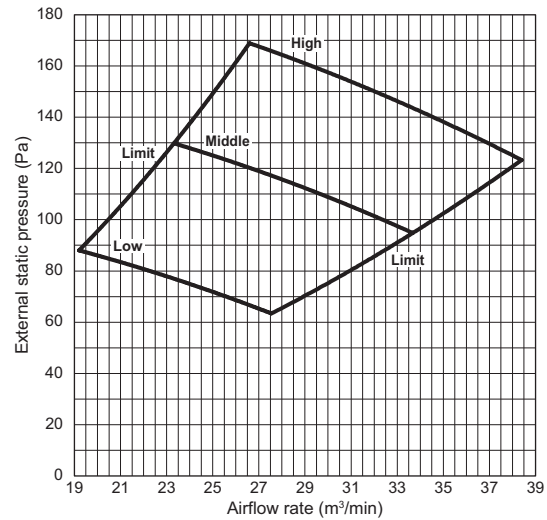
External static pressure: 100Pa
Powersource: 220-240V



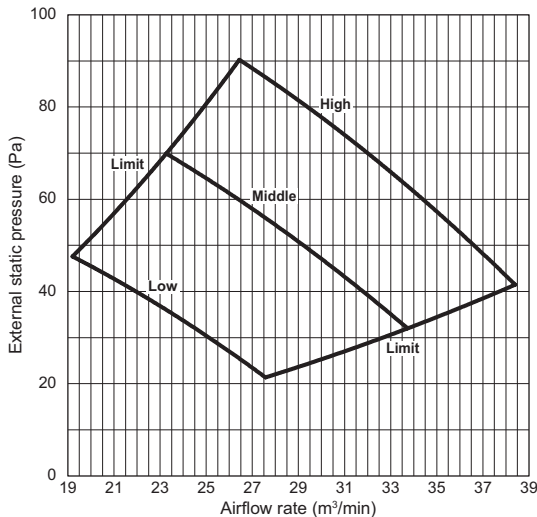
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



External static pressure: 70Pa
Powersource: 220-240V



CEILING-
CONCEALED

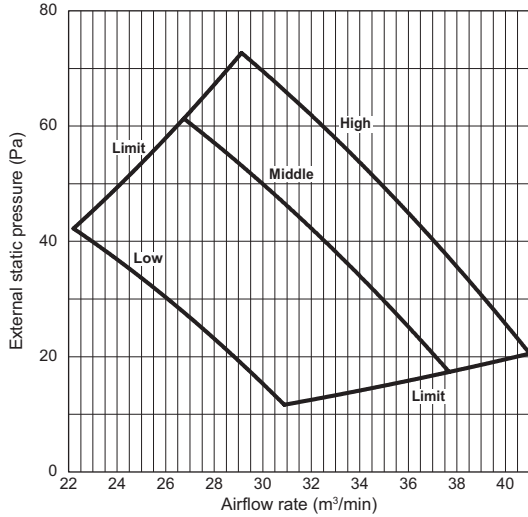
FAN PERFORMANCE

PEAD-M125JA2
PEAD-M125JAL2
PEAD-SM125JA2
PEAD-SM125JAL2

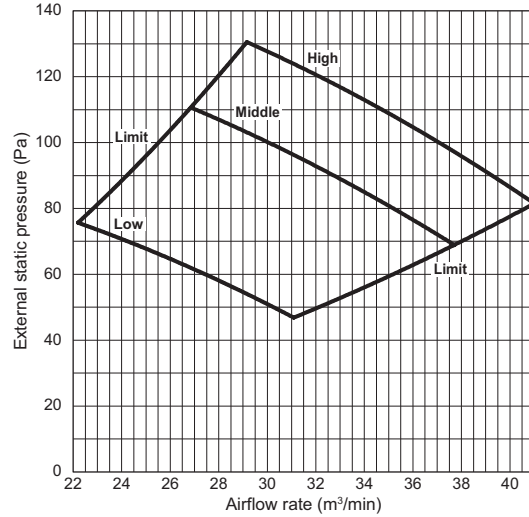
CEILING-
CONCEALED

FAN PERFORMANCE

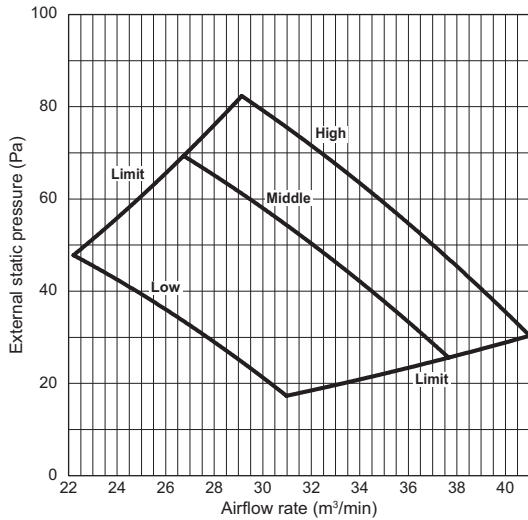
External static pressure: 40Pa
Powersource: 220-240V



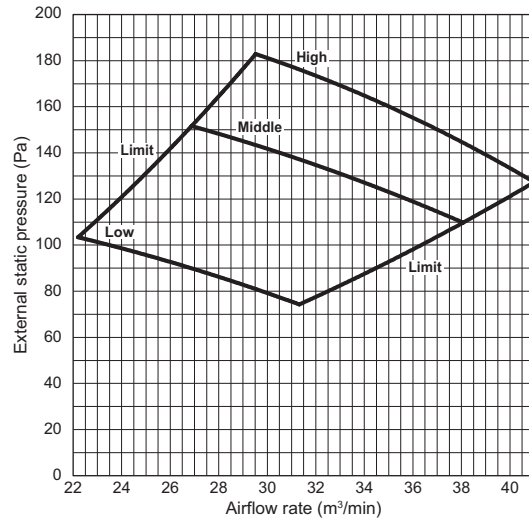
External static pressure: 100Pa
Powersource: 220-240V



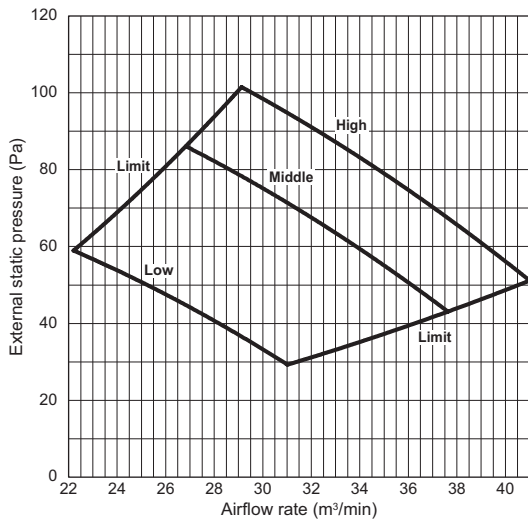
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V

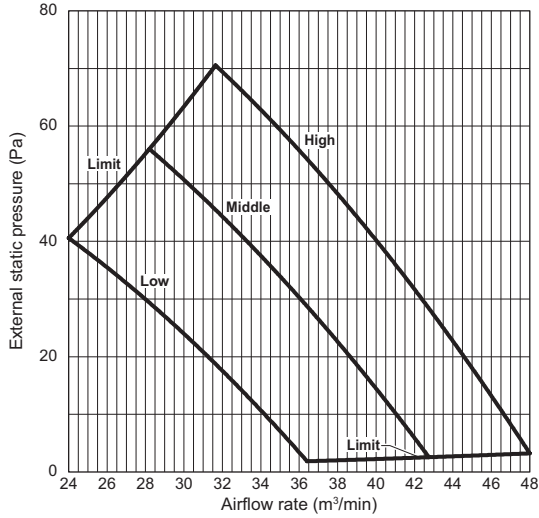


External static pressure: 70Pa
Powersource: 220-240V

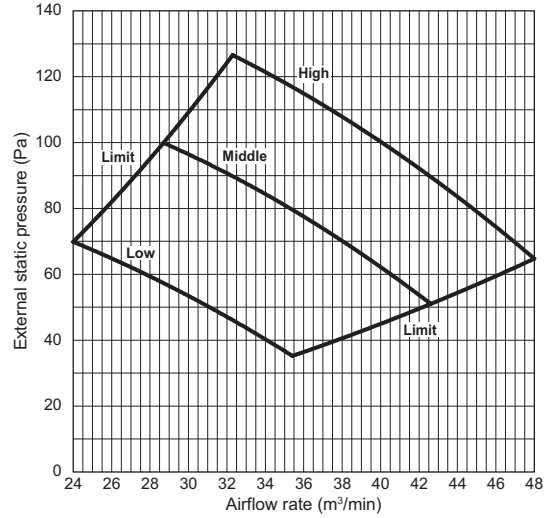


PEAD-M140JA2
PEAD-M140JAL2
PEAD-SM140JA2
PEAD-SM140JAL2

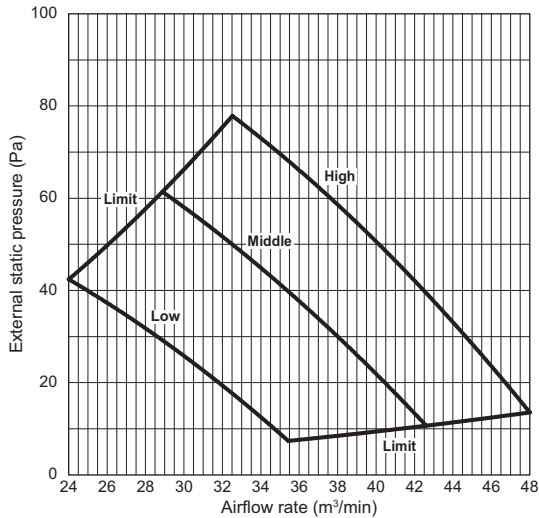
External static pressure: 40Pa
Powersource: 220-240V



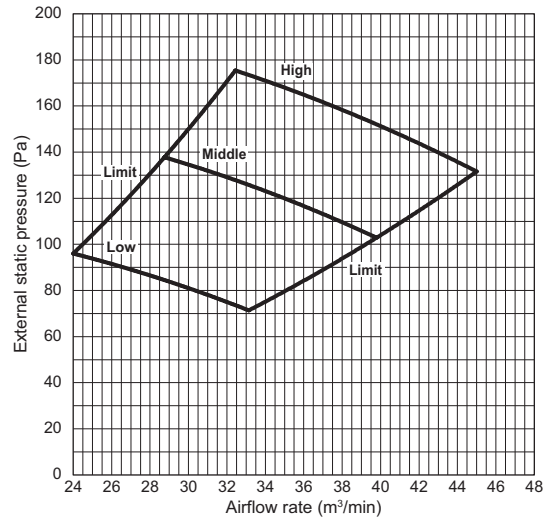
External static pressure: 100Pa
Powersource: 220-240V



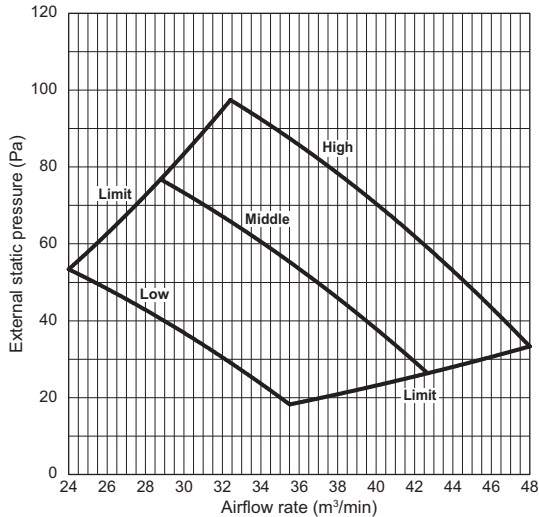
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



External static pressure: 70Pa
Powersource: 220-240V



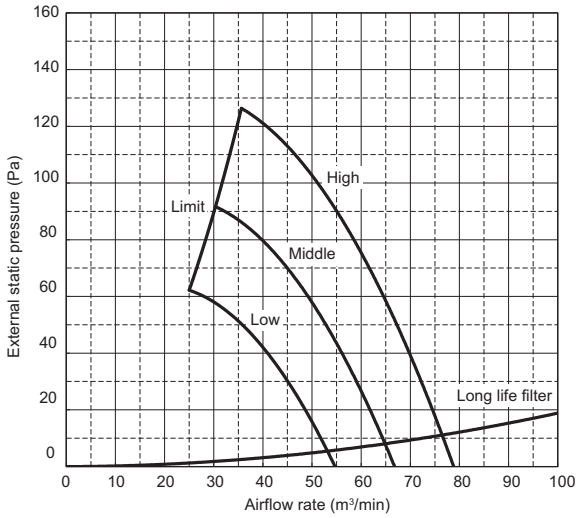
CEILING-
CONCEALED

FAN PERFORMANCE

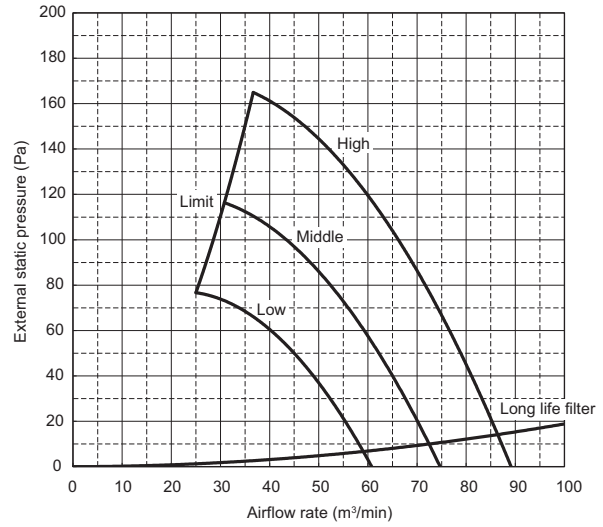
A.6.6.2 PEA-M-LA2

PEA-M200LA2

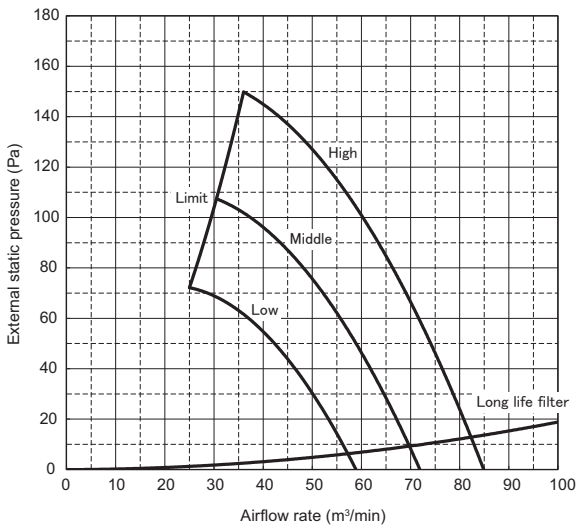
External static pressure: 75Pa Normal airflow mode
Power source: 220-240V



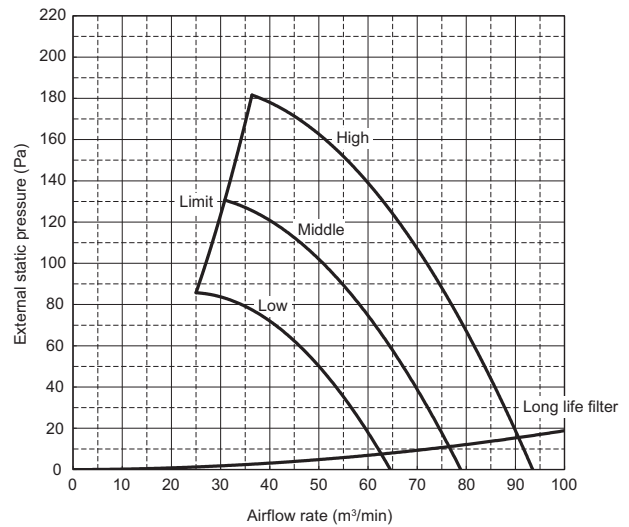
External static pressure: 75Pa High airflow mode
Power source: 220-240V



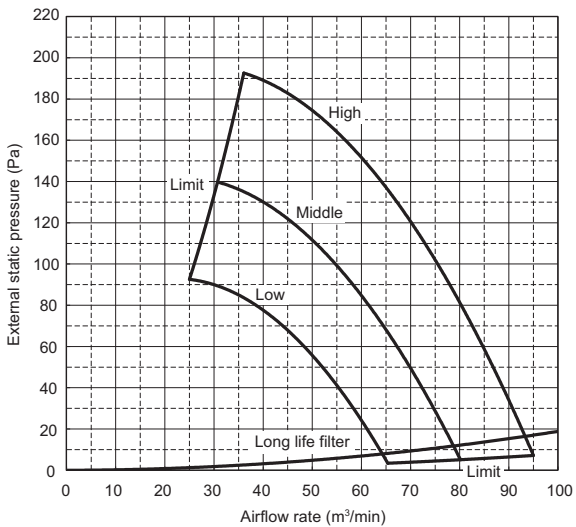
External static pressure: 100Pa Normal airflow mode
Power source: 220-240V



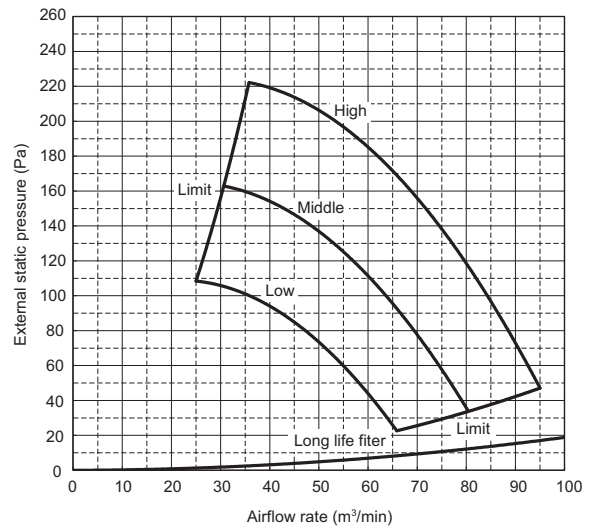
External static pressure: 100Pa High airflow mode
Power source: 220-240V



External static pressure: 150Pa Normal airflow mode
Power source: 220-240V

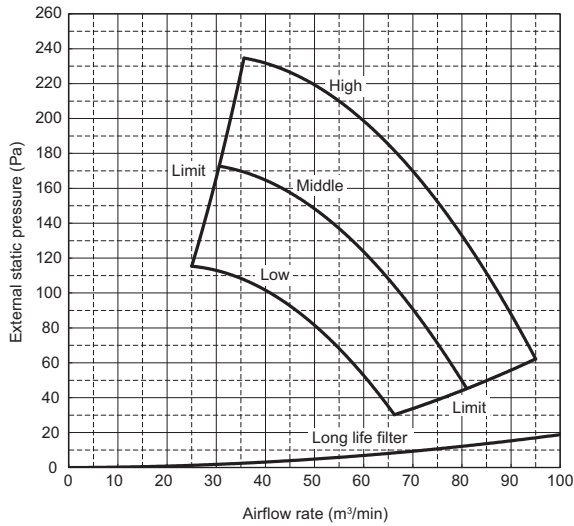


External static pressure: 150Pa High airflow mode
Power source: 220-240V

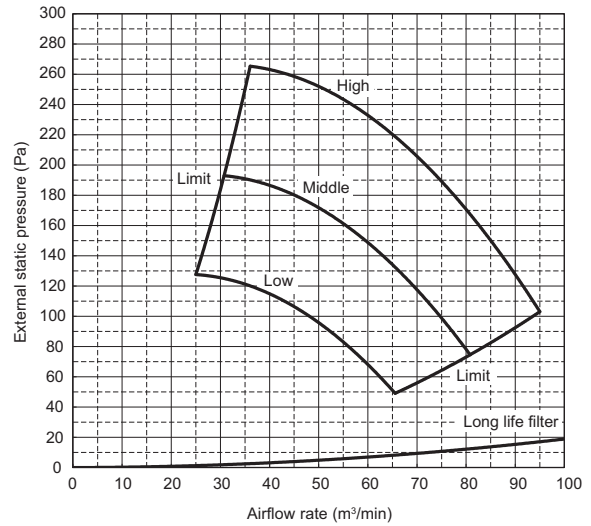


CEILING-CONCEALED FAN PERFORMANCE

External static pressure: 200Pa Normal airflow mode
Power source: 220-240V

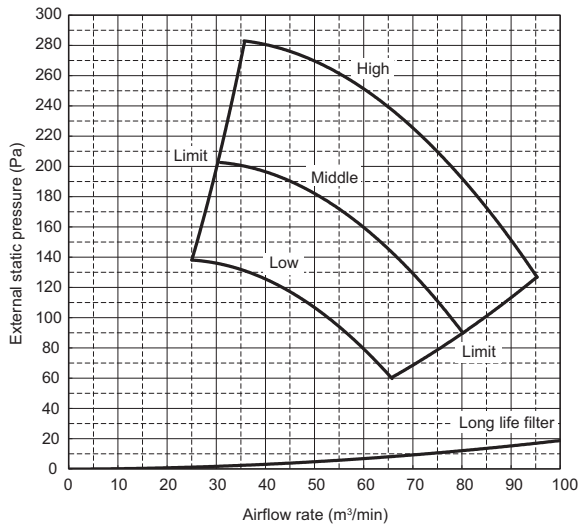


External static pressure: 200Pa High airflow mode
Power source: 220-240V



PEA-M200LA2

External static pressure: 250Pa Normal/High airflow mode
Power source: 220-240V

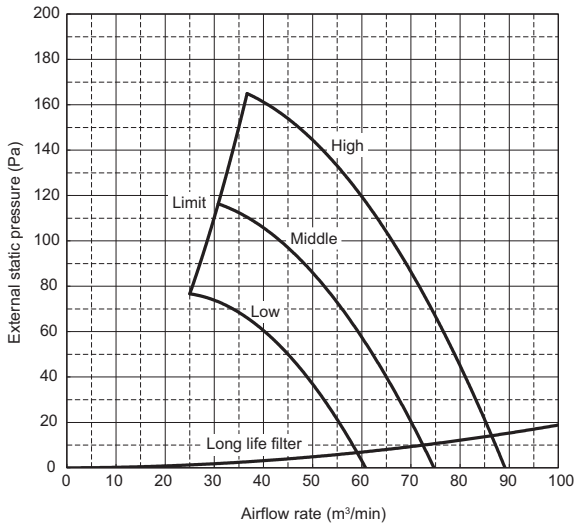


CEILING-
CONCEALED

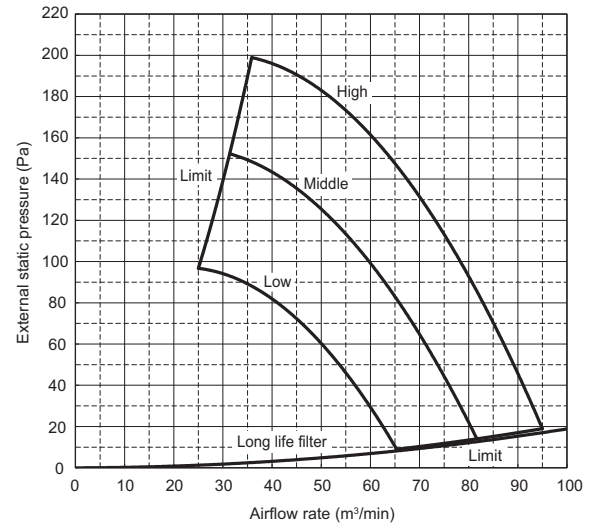
FAN PERFORMANCE

PEA-M250LA2

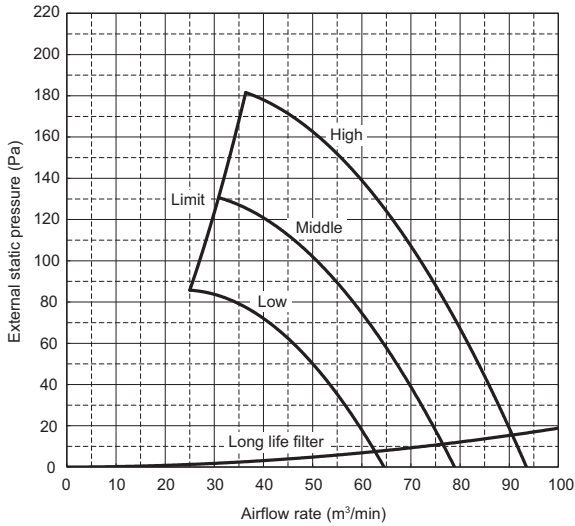
External static pressure: 75Pa Normal airflow mode
Power source: 220-240V



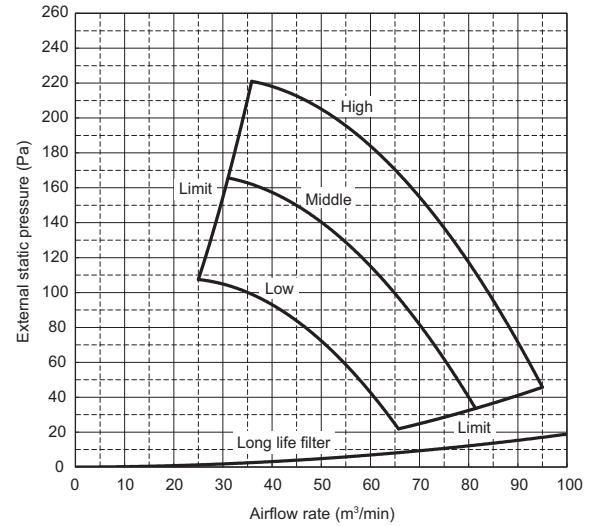
External static pressure: 75Pa High airflow mode
Power source: 220-240V



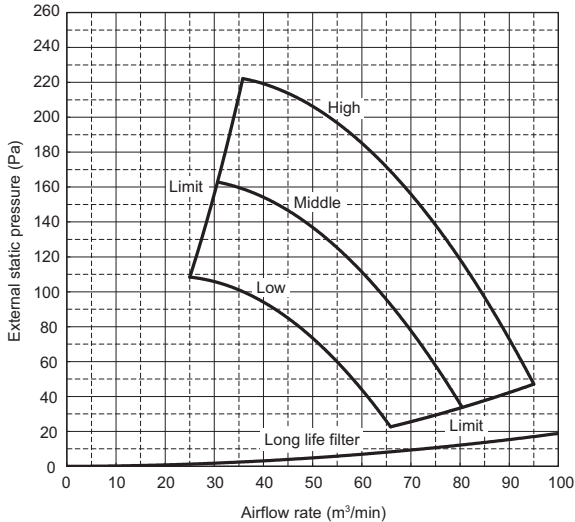
External static pressure: 100Pa Normal airflow mode
Power source: 220-240V



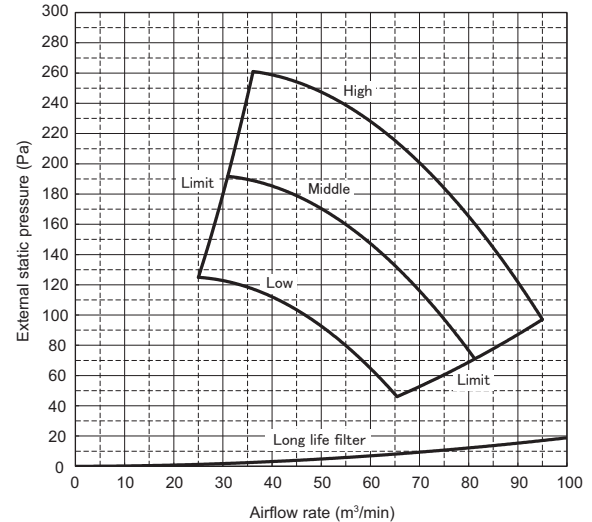
External static pressure: 100Pa High airflow mode
Power source: 220-240V



External static pressure: 150Pa Normal airflow mode
Power source: 220-240V

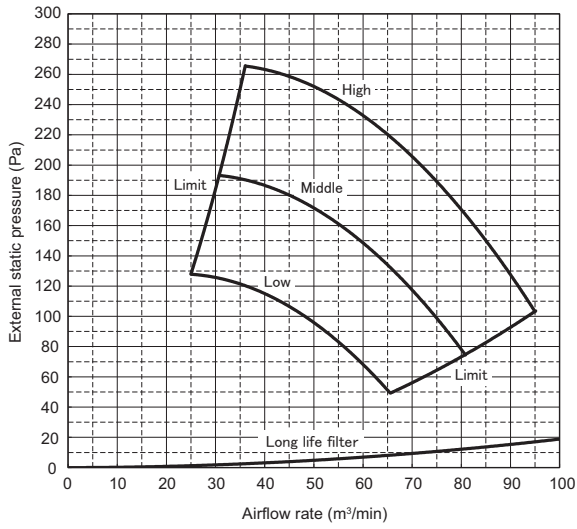


External static pressure: 150Pa High airflow mode
Power source: 220-240V

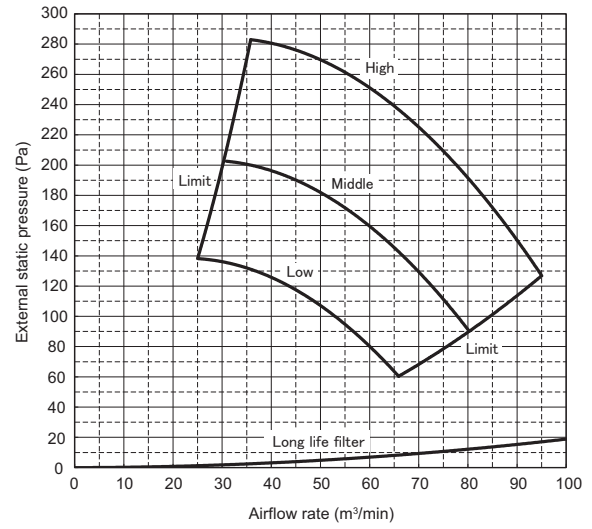


CEILING-CONCEALED FAN PERFORMANCE

External static pressure: 200Pa Normal/High airflow mode
Power source: 220-240V



External static pressure: 250Pa Normal/High airflow mode
Power source: 220-240V

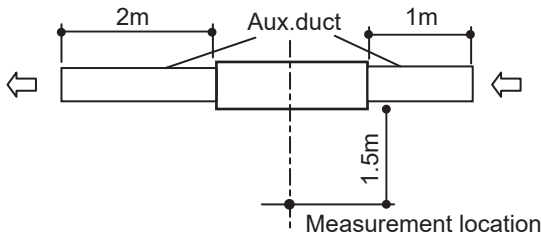


CEILING-
CONCEALED

FAN PERFORMANCE

A.6.7 NOISE CRITERIA CURVES

Ceiling concealed



Noise level at anechoic room (Low-Middle-High) Unit:dB(A)

Model	Exernal static pressure					
	35Pa	40Pa	50Pa	70Pa	100Pa	150Pa
PEAD-M35JA(L)2 PEAD-SM35JA(L)	24-29-32	-	25-32-34	28-32-36	30-34-38	33-38-42
PEAD-M50JA(L)2 PEAD-SM50JA(L)	27-33-35	-	28-33-36	31-34-38	31-36-40	34-39-43
PEAD-M60JA(L)2 PEAD-SM60JA(L)	-	26-32-35	30-33-36	30-34-38	31-36-40	34-40-43
PEAD-M71JA(L)2 PEAD-SM71JA(L)2	-	26-32-37	30-33-38	30-34-40	31-36-41	34-40-44
PEAD-M100JA(L)2 PEAD-SM100JA(L)2	-	31-36-39	32-37-40	34-39-42	36-41-44	38-44-47
PEAD-M125JA(L)2 PEAD-SM125JA(L)2	-	34-38-40	35-39-41	35-40-42	36-41-43	39-44-46
PEAD-M140JA(L)2 PEAD-SM140JA(L)2	-	34-38-40	34-38-41	35-39-41	36-40-43	38-42-46

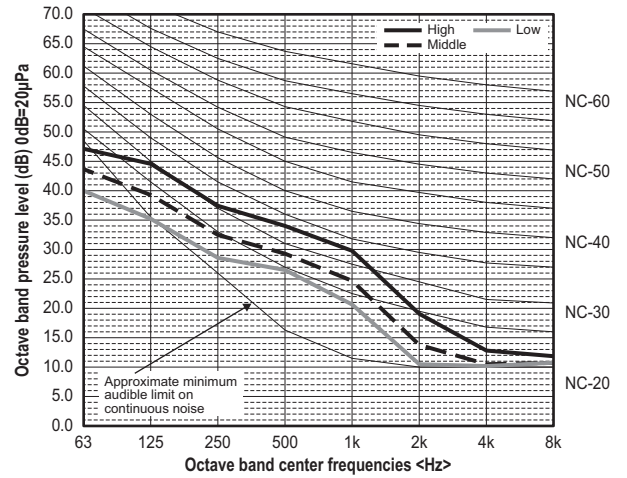
Model		Exernal static pressure				
		75Pa	100Pa	150Pa	200Pa	250Pa
PEA-M200LA2	normal airflow mode	34.5-39.0-43.0	36.0-40.5-44.0	38.0-43.0-46.5	40.0-44.5-48.5	41.5-46.5-50.5
	high airflow mode	37.5-42.0-46.0	38.5-43.0-47.0	40.0-45.0-49.0	41.5-46.5-50.5	41.5-46.5-50.5

Model		Exernal static pressure				
		75Pa	100Pa	150Pa	200Pa	250Pa
PEA-M250LA2	normal airflow mode	37.5-42.0-46.0	38.5-43.0-47.0	40.0-45.0-49.0	41.5-46.5-50.5	41.5-46.5-50.5
	high airflow mode	40.0-45.5-48.5	41.0-46.0-49.5	42.5-47.5-51.0	41.5-46.5-50.5	41.5-46.5-50.5

CEILING-CONCEALED NOISE CRITERIA CURVES

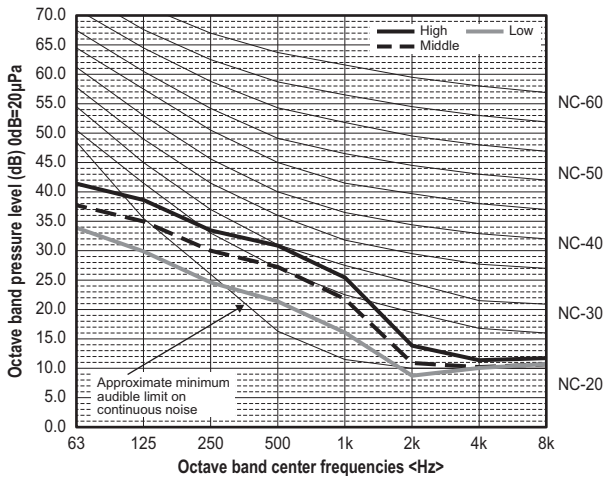
PEAD-M35JA2
 PEAD-M35JAL2
 PEAD-SM35JA
 PEAD-SM35JAL

External static pressure: 70Pa
 Powersource: 220-240V

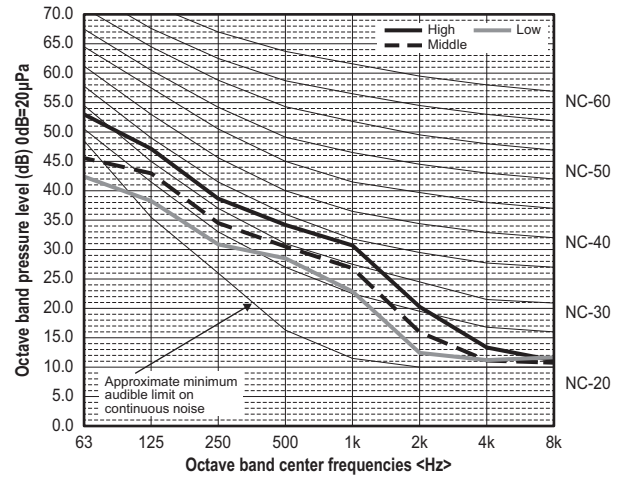


CEILING-CONCEALED
 NOISE CRITERIA CURVES

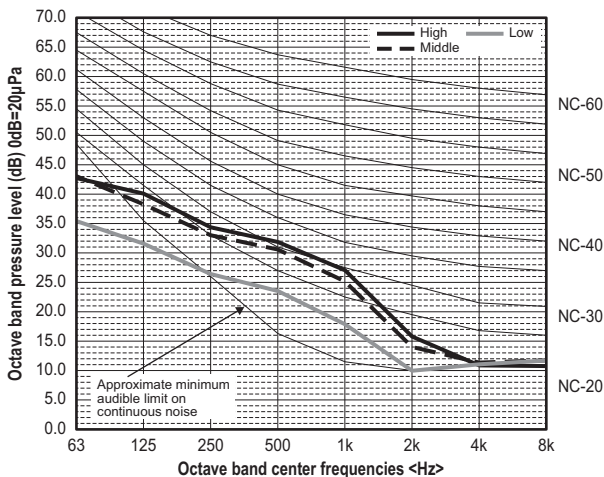
External static pressure: 35Pa
 Powersource: 220-240V



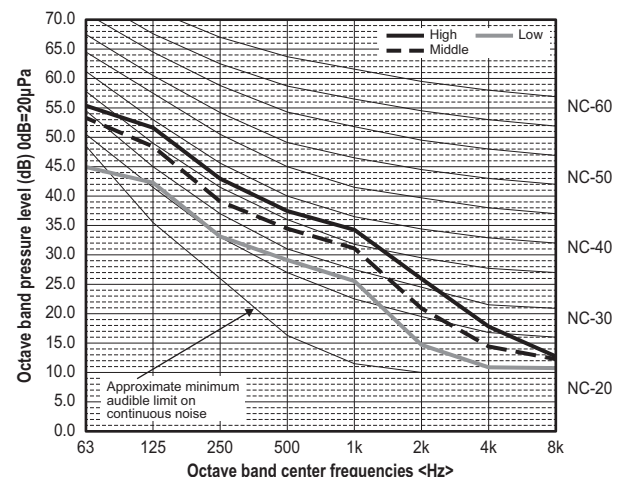
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



External static pressure: 150Pa
 Powersource: 220-240V

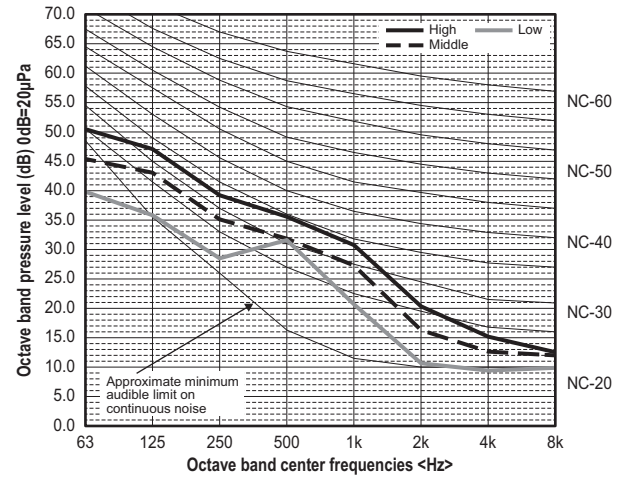


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

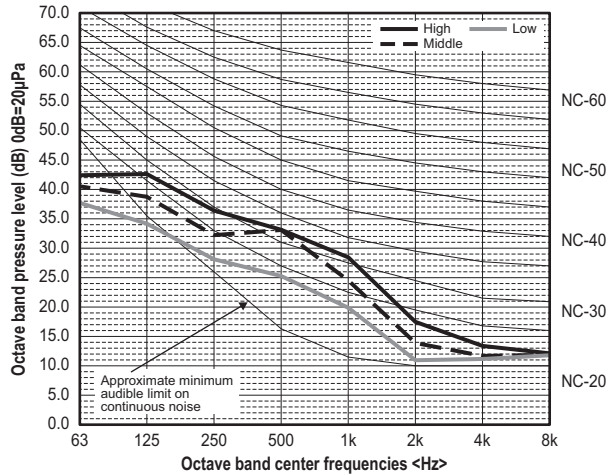
PEAD-M50JA2
PEAD-M50JAL2
PEAD-SM50JA
PEAD-SM50JAL

CEILING-CONCEALED
NOISE CRITERIA CURVES

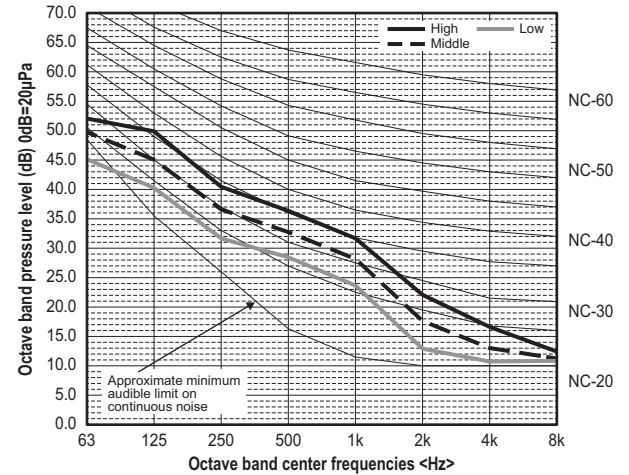
External static pressure: 70Pa
 Powersource: 220-240V



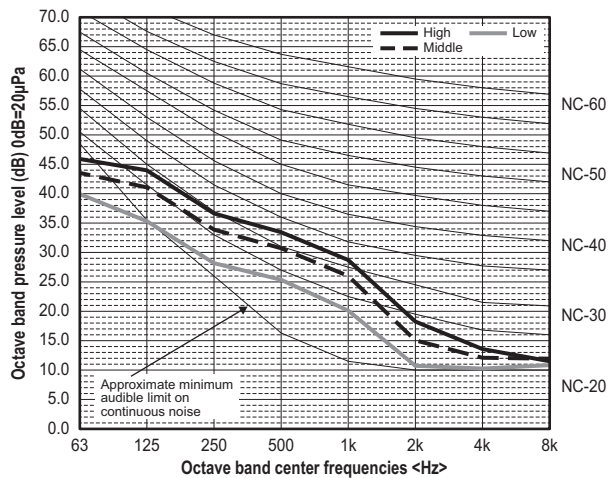
External static pressure: 35Pa
 Powersource: 220-240V



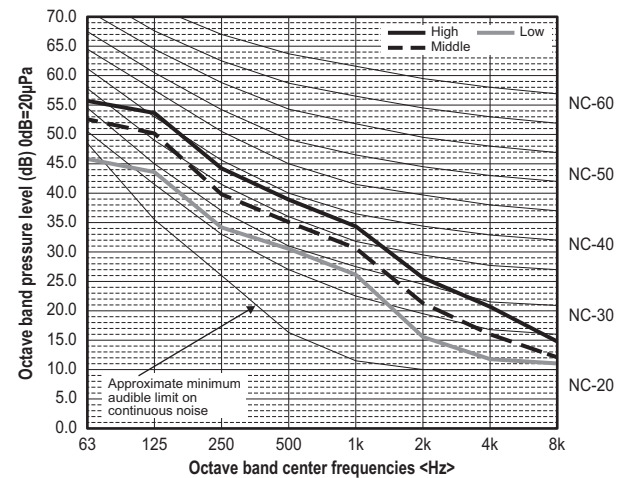
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



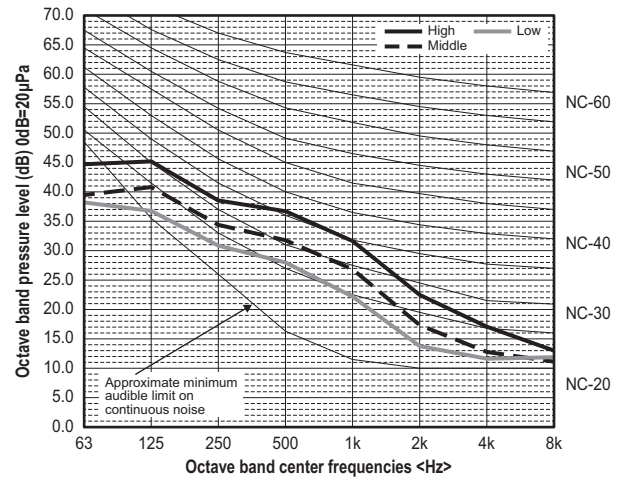
External static pressure: 150Pa
 Powersource: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

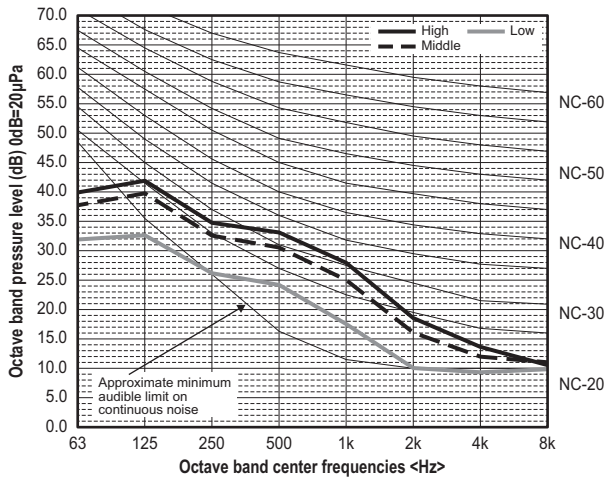
PEAD-M60JA2
 PEAD-M60JAL2
 PEAD-SM60JA
 PEAD-SM60JAL

External static pressure: 70Pa
 Powersource: 220-240V

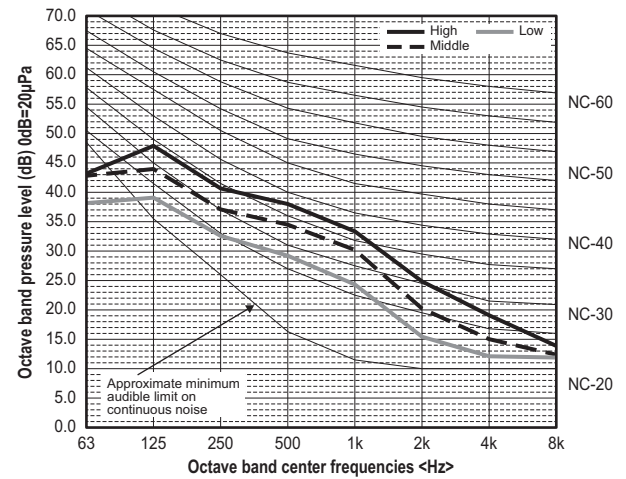


CEILING-CONCEALED
 NOISE CRITERIA CURVES

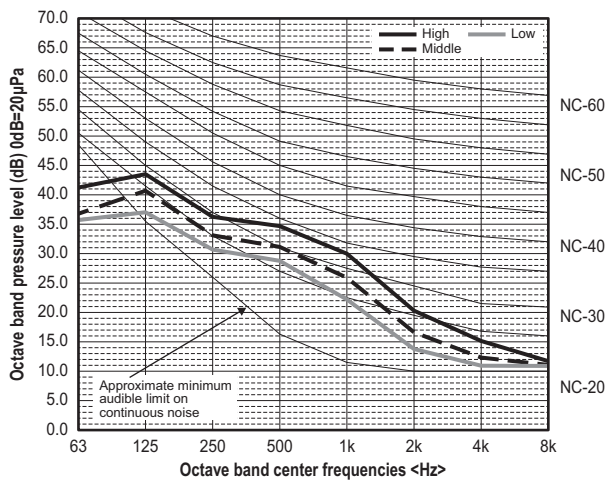
External static pressure: 40Pa
 Powersource: 220-240V



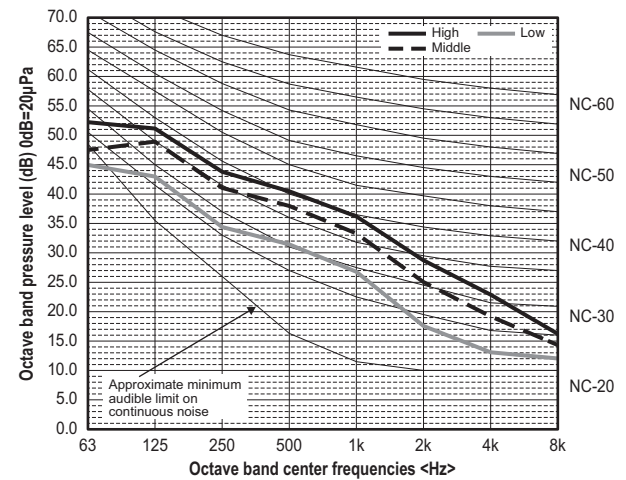
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



External static pressure: 150Pa
 Powersource: 220-240V

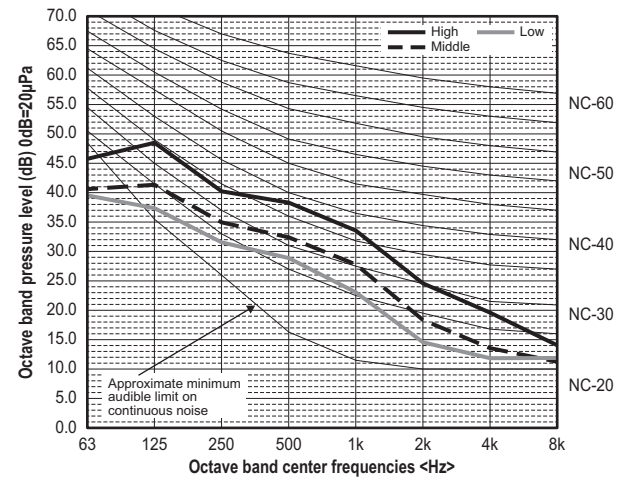


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

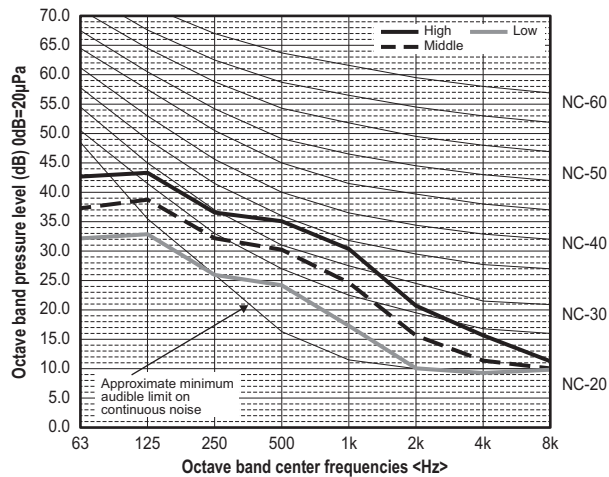
PEAD-M71JA2
PEAD-M71JAL2
PEAD-SM71JA2
PEAD-SM71JAL2

CEILING-CONCEALED
NOISE CRITERIA CURVES

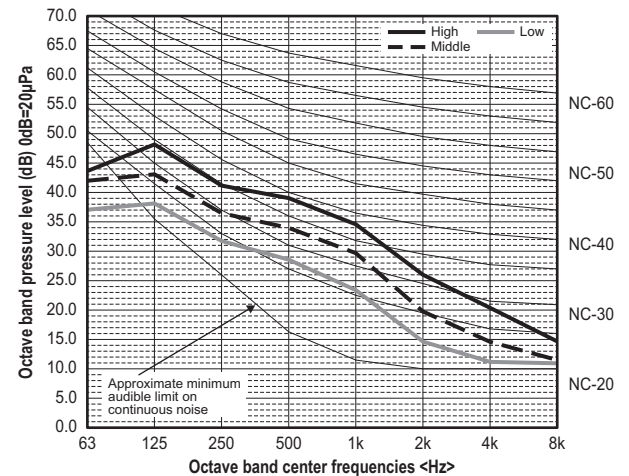
External static pressure: 70Pa
 Powersource: 220-240V



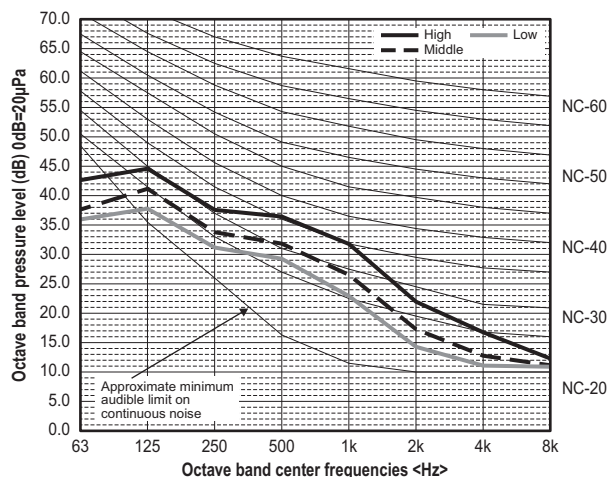
External static pressure: 40Pa
 Powersource: 220-240V



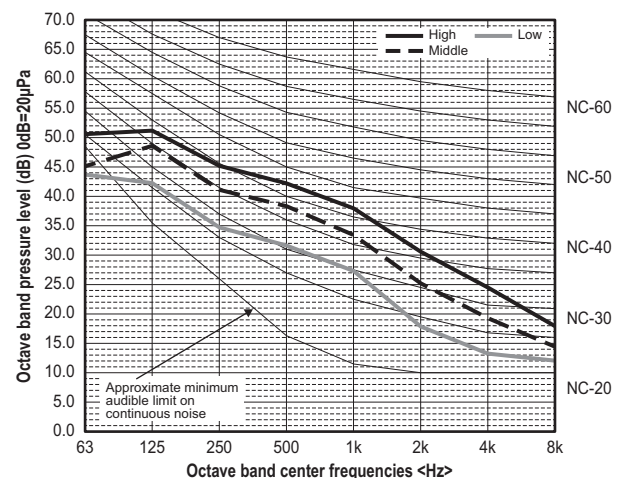
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



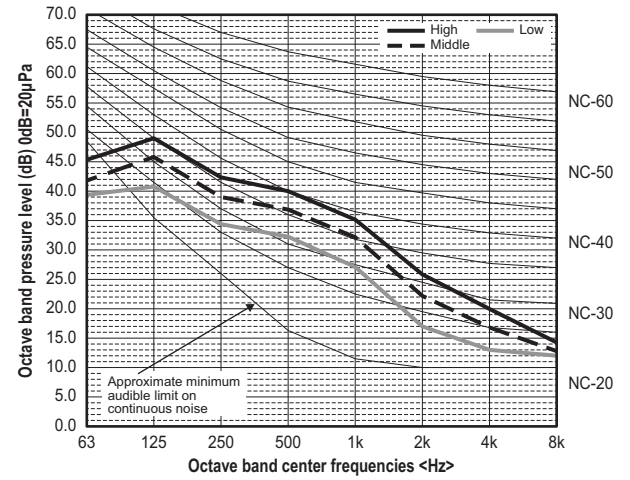
External static pressure: 150Pa
 Powersource: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

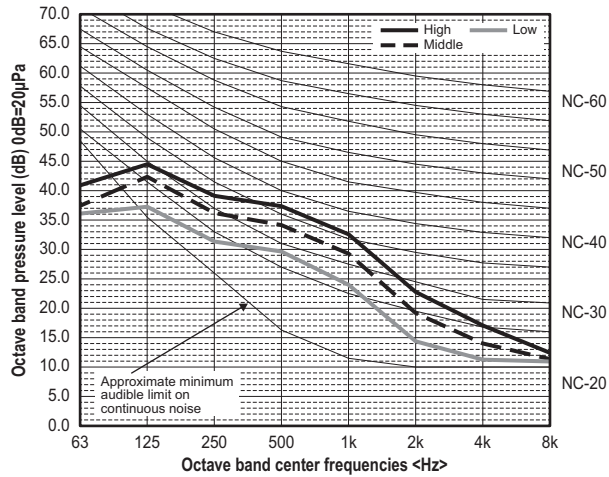
PEAD-M100JA2
PEAD-M100JAL2
PEAD-SM100JA2
PEAD-SM100JAL2

External static pressure: 70Pa
 Powersource: 220-240V

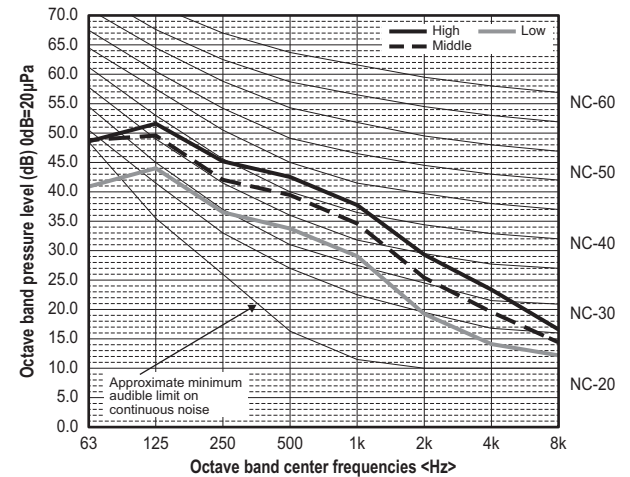


CEILING-CONCEALED
 NOISE CRITERIA CURVES

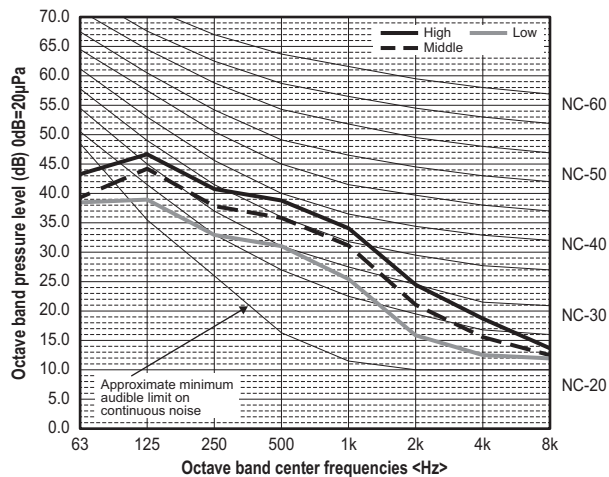
External static pressure: 40Pa
 Powersource: 220-240V



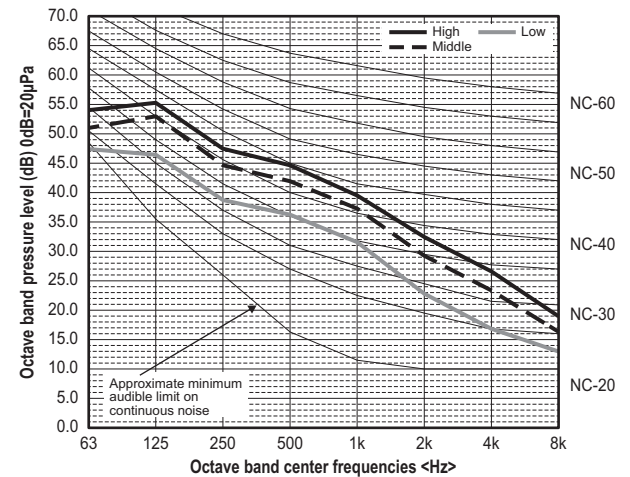
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



External static pressure: 150Pa
 Powersource: 220-240V

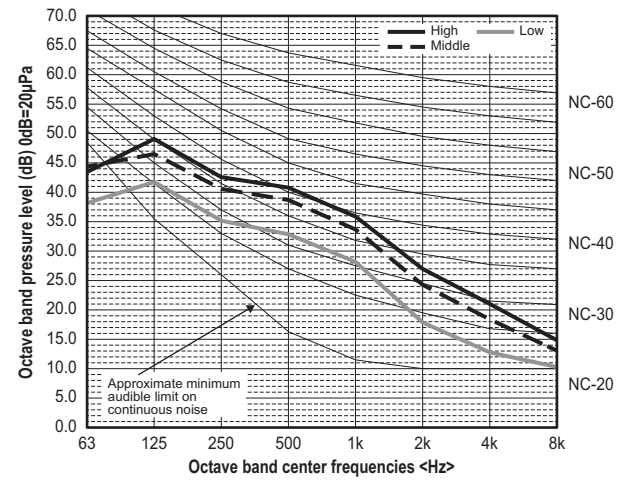


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

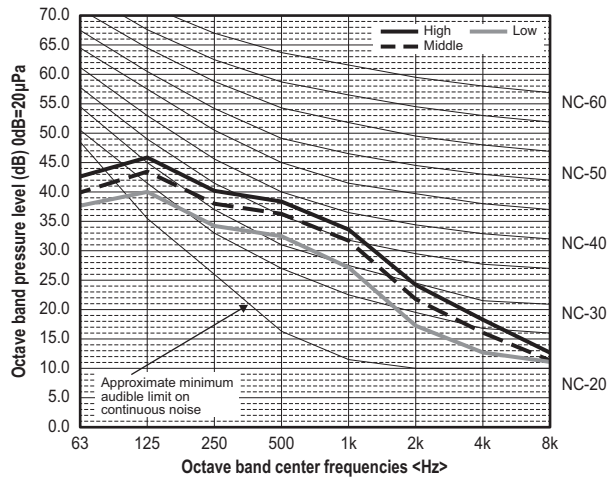
PEAD-M125JA2
PEAD-M125JAL2
PEAD-SM125JA2
PEAD-SM125JAL2

CEILING-CONCEALED
NOISE CRITERIA CURVES

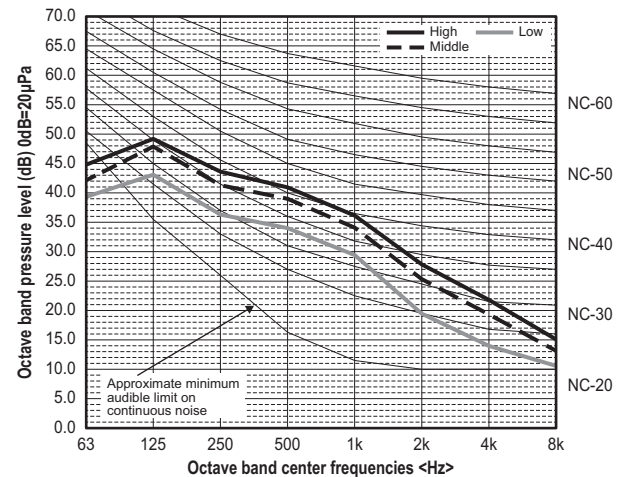
External static pressure: 70Pa
 Powersource: 220-240V



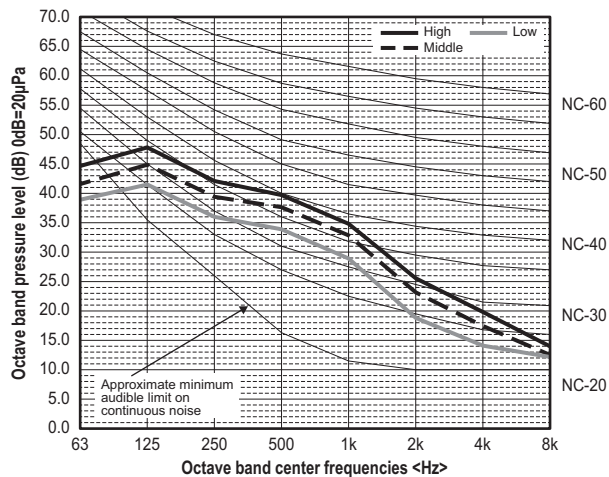
External static pressure: 40Pa
 Powersource: 220-240V



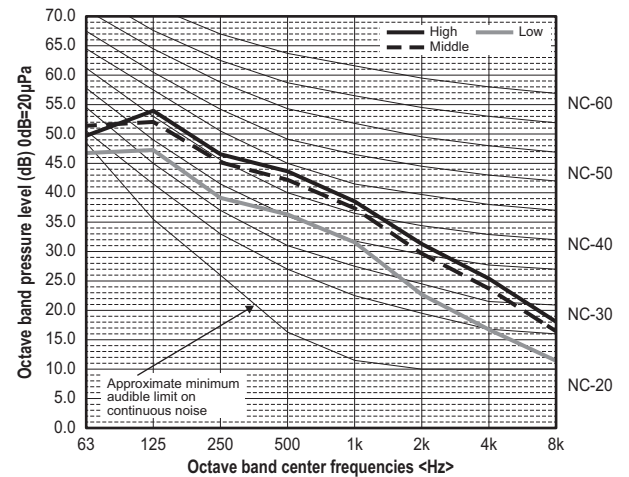
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



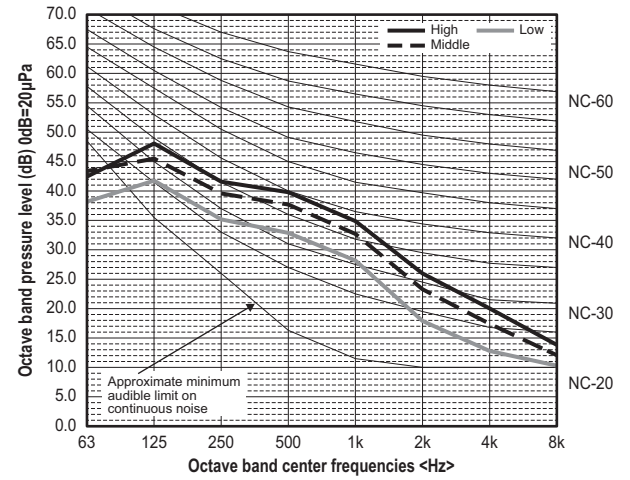
External static pressure: 150Pa
 Powersource: 220-240V



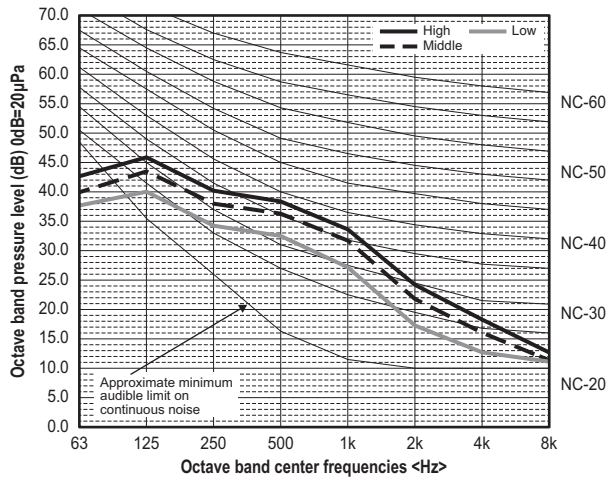
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M140JA2
PEAD-M140JAL2
PEAD-SM140JA2
PEAD-SM140JAL2

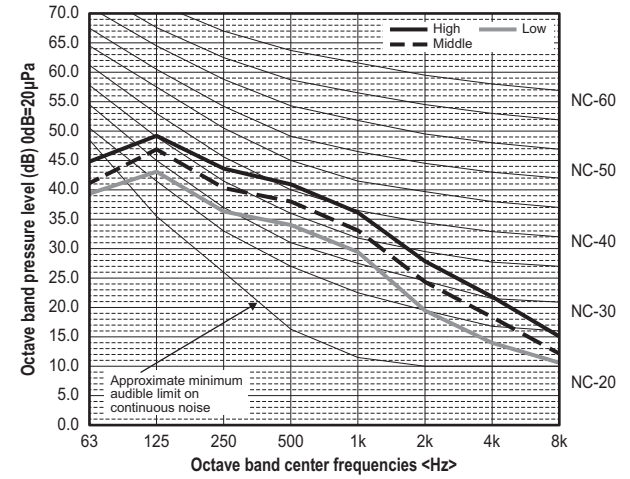
External static pressure: 70Pa
 Powersource: 220-240V



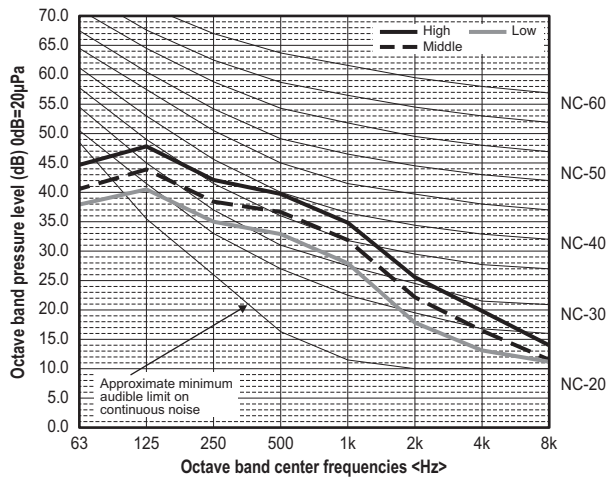
External static pressure: 40Pa
 Powersource: 220-240V



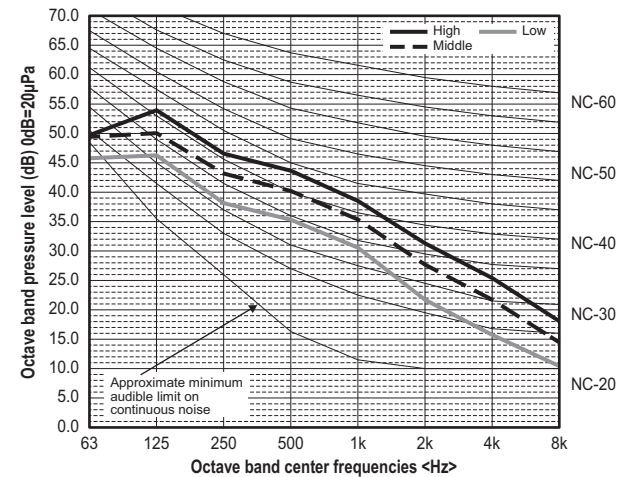
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



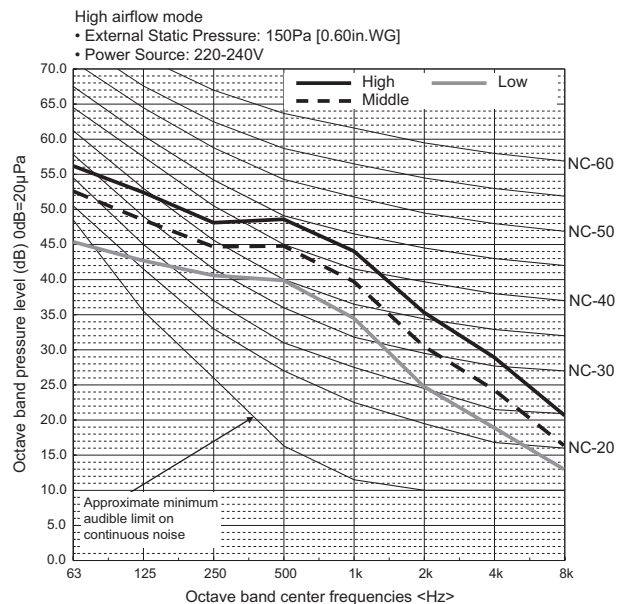
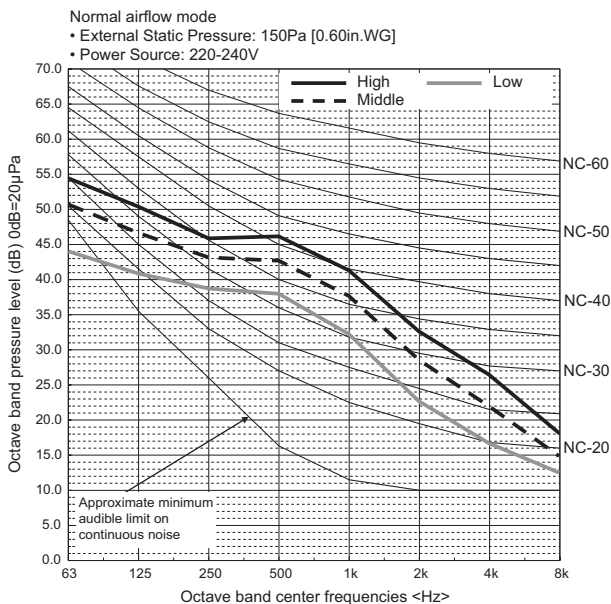
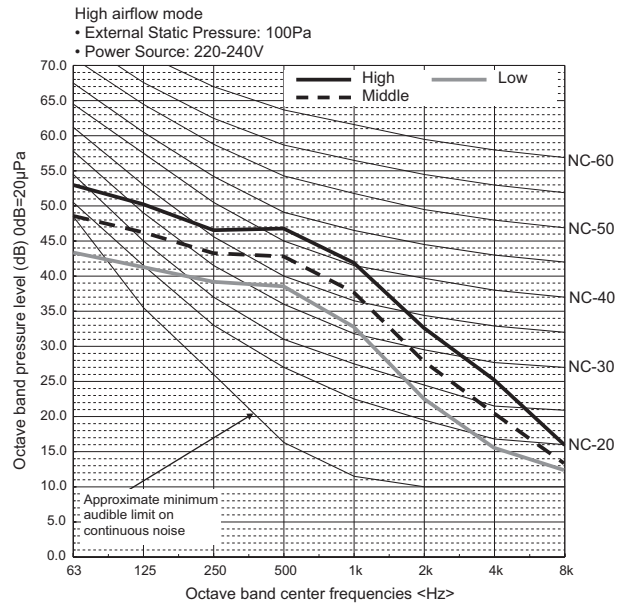
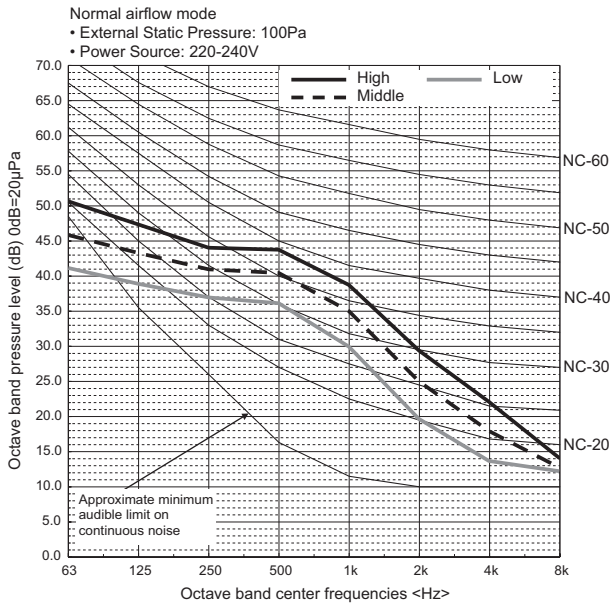
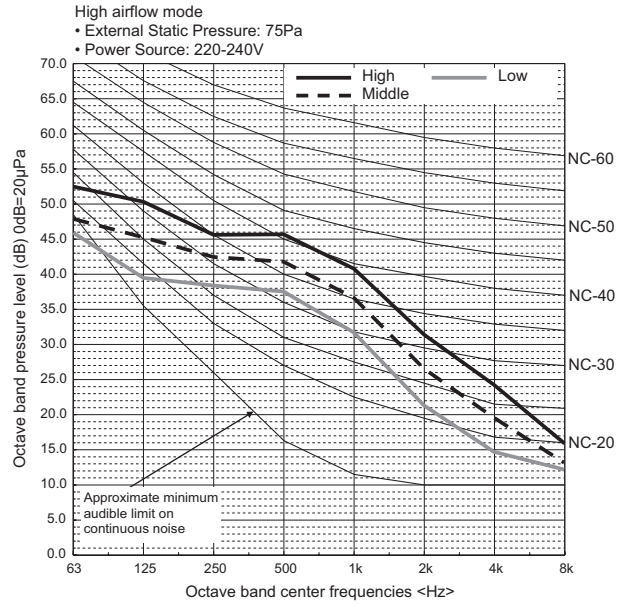
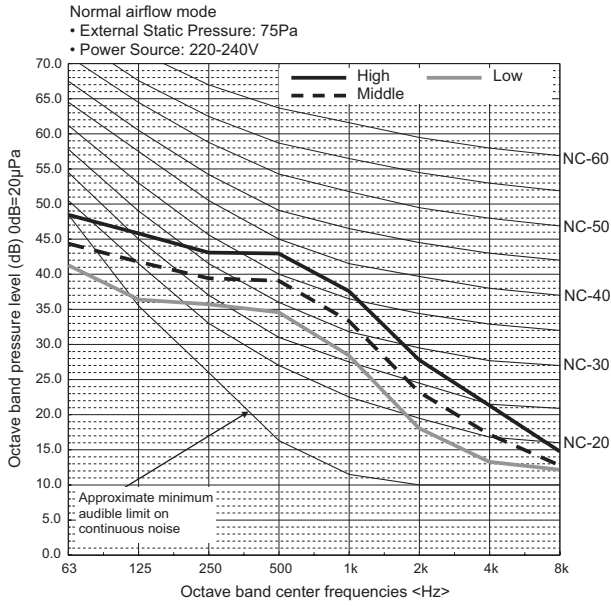
External static pressure: 150Pa
 Powersource: 220-240V

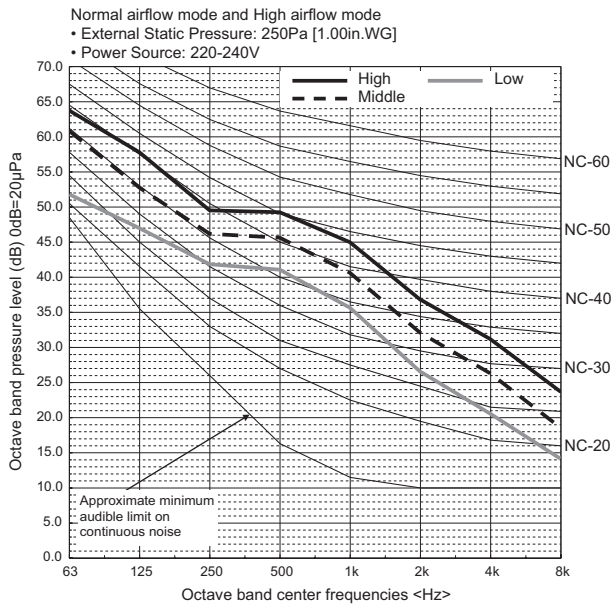
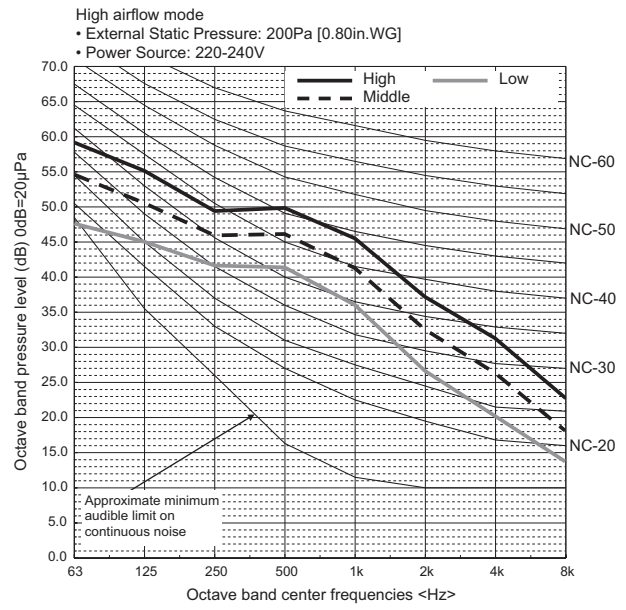
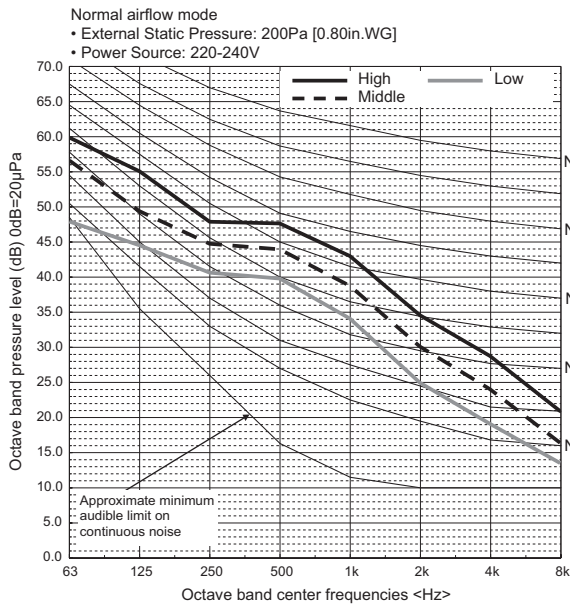


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEA-M200LA2

CEILING-CONCEALED NOISE CRITERIA CURVES



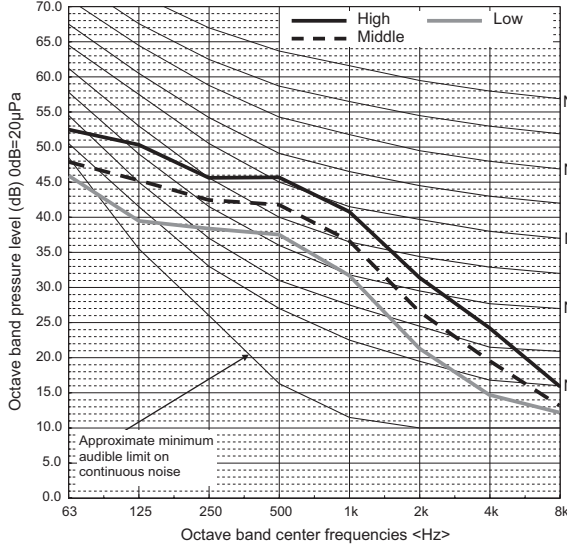


CEILING-
CONCEALED

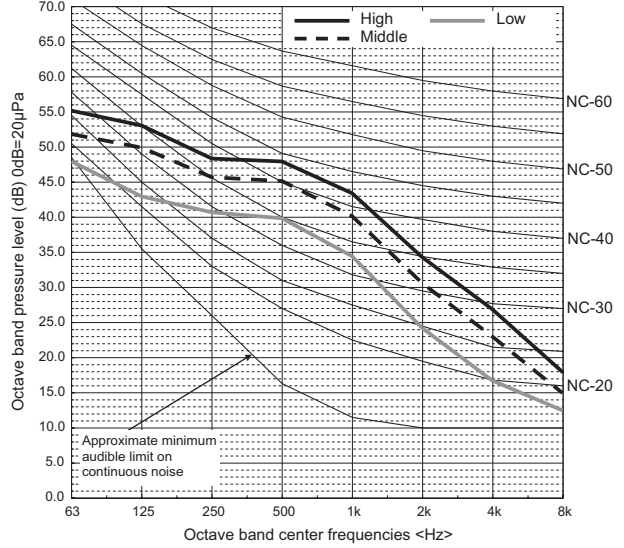
NOISE CRITERIA CURVES

PEA-M250LA2

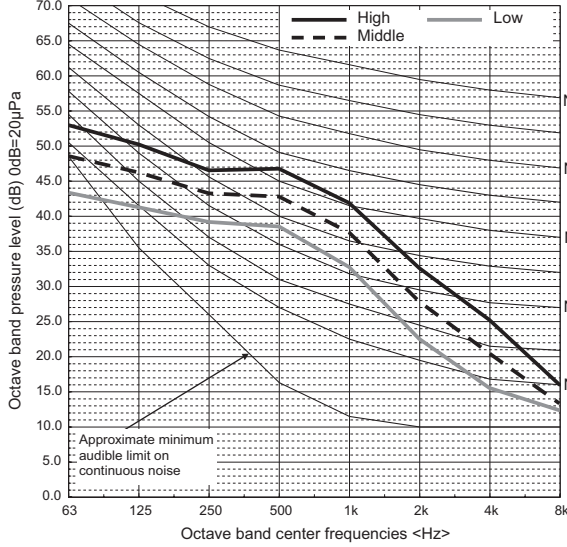
Normal airflow mode
 • External Static Pressure: 75Pa
 • Power Source: 220-240V



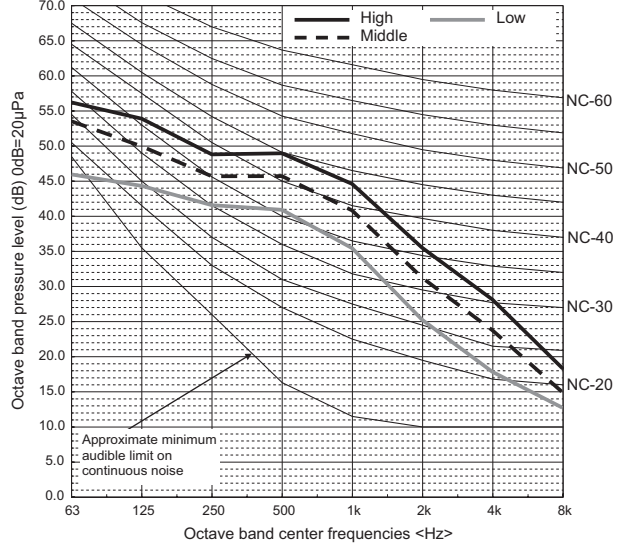
High airflow mode
 • External Static Pressure: 75Pa
 • Power Source: 220-240V



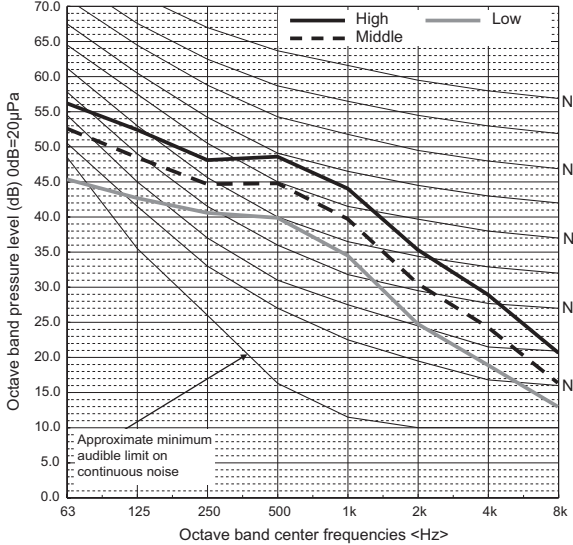
Normal airflow mode
 • External Static Pressure: 100Pa
 • Power Source: 220-240V



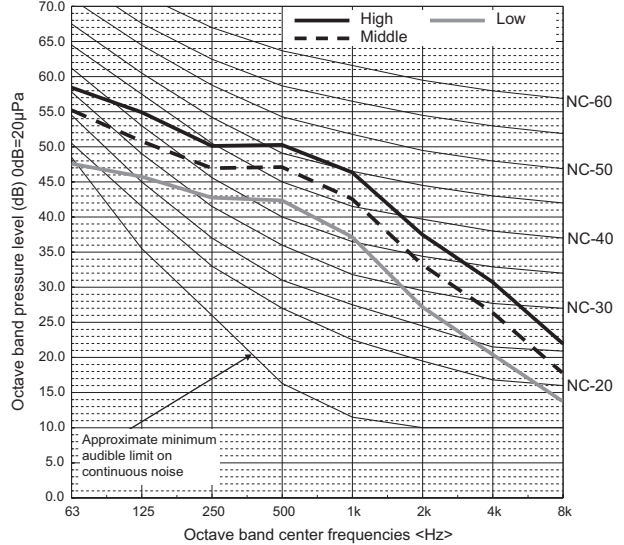
High airflow mode
 • External Static Pressure: 100Pa
 • Power Source: 220-240V



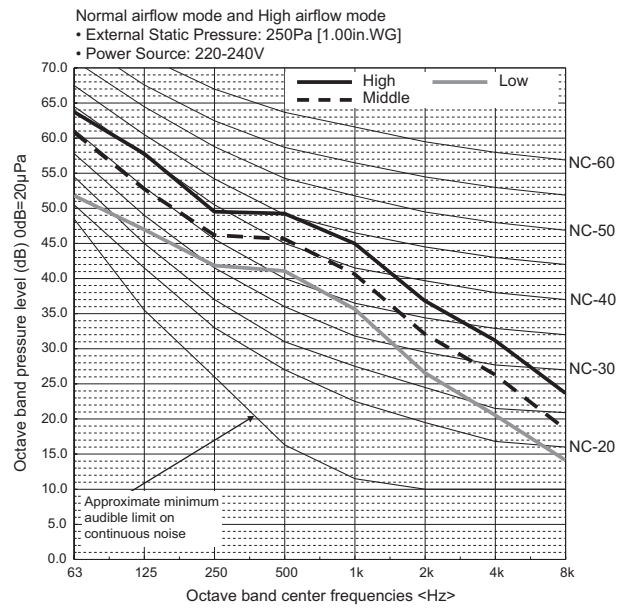
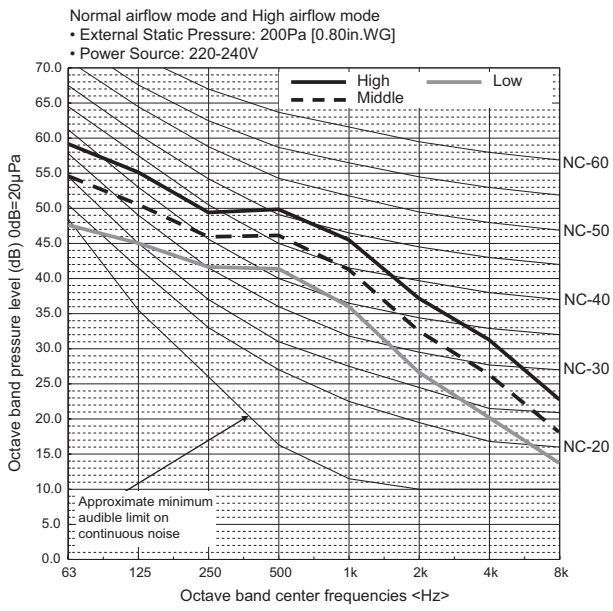
Normal airflow mode
 • External Static Pressure: 150Pa [0.60in.WG]
 • Power Source: 220-240V



High airflow mode
 • External Static Pressure: 150Pa [0.60in.WG]
 • Power Source: 220-240V



CEILING-CONCEALED NOISE CRITERIA CURVES

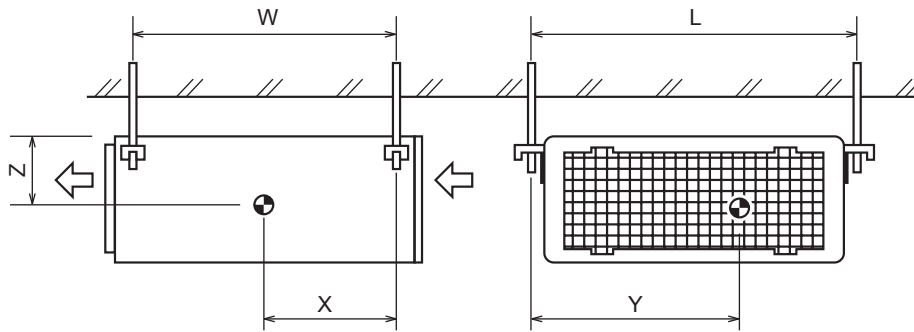


CEILING-
CONCEALED

NOISE CRITERIA CURVES

A.6.8 CENTER OF GRAVITY POSITION

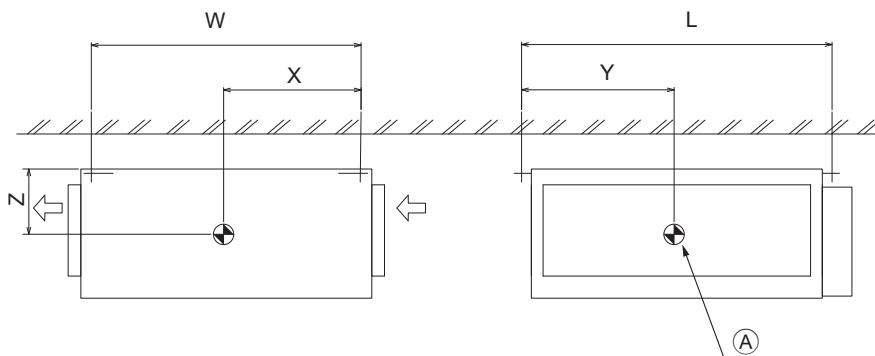
A.6.8.1 PEAD-M•JA(L)2 PEAD-SM•JA(L)2



(mm)

Model name	W	L	X	Y	Z
PEAD-M35JA(L)2 PEAD-SM35JA(L)	643	954	340	375	130
PEAD-M50JA(L)2 PEAD-SM50JA(L)	643	954	340	375	130
PEAD-M60JA(L)2 PEAD-SM60JA(L)	643	1154	325	525	130
PEAD-M71JA(L)2 PEAD-SM71JA(L)2	643	1154	325	525	130
PEAD-M100JA(L)2 PEAD-SM100JA(L)2	643	1454	330	675	130
PEAD-M125JA(L)2 PEAD-SM125JA(L)2	643	1454	330	675	130
PEAD-M140JA(L)2 PEAD-SM140JA(L)2	643	1654	332	725	130

A.6.8.2 PEA-M•LA2



Model name	W(mm)	L(mm)	X(mm)	Y(mm)	Z(mm)	Product Weight (kg)
PEA-M200/250LA2	1034	1326	479	701	250	88

A.7 REMOTE CONTROLLER AND TROUBLESHOOTING

A.7.1	WIRED REMOTE CONTROLLER [PAR-41MAA]	A-414
A.7.1.1	FUNCTIONS	A-414
A.7.1.2	APPEARANCE	A-415
A.7.1.3	OUTLINES AND DIMENSIONS	A-417
A.7.2	WIRELESS REMOTE CONTROLLER	A-418
A.7.2.1	[PAR-SL97A-E] APPEARANCE	A-418
	OUTLINES AND DIMENSIONS	A-419
A.7.2.2	[PAR-SL101A-E] APPEARANCE	A-420
	OUTLINES AND DIMENSIONS	A-421
A.7.3	SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]	A-422
A.7.3.1	FUNCTION	A-422
A.7.3.2	APPEARANCE	A-423
A.7.3.3	OUTLINES AND DIMENSIONS	A-424
A.7.4	MA TOUCH REMOTE CONTROLLER [PAR-CT01MAA-PB/SB]	A-425
A.7.4.1	FUNCTION	A-425
A.7.4.2	APPEARANCE	A-426
A.7.4.3	SPECIFICATIONS	A-429
A.7.4.4	OUTLINES AND DIMENSIONS	A-429

A.7.1 WIRED REMOTE CONTROLLER [PAR-41MAA]

A.7.1.1 FUNCTIONS

○ :Supported × :Unsupported

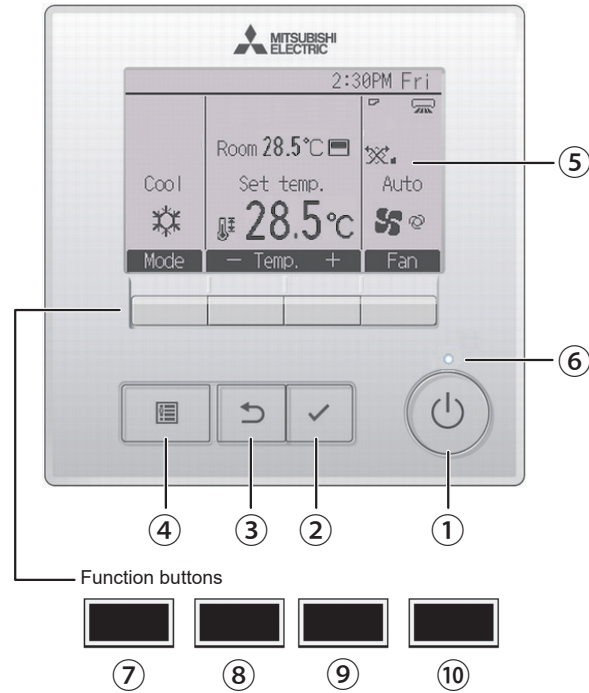
	Function	CITY MULTI	Mr.SLIM	Required Password
Power	Power ON/OFF	○	○	-
Settings	Operation mode	○	○	-
	Auto (dual set point) mode	○	○	-
	Preset temperature	○	○	-
	Fan speed	○	○	-
Operation menu	Vane • Louver • Vent.(Lossnay)	○	○	-
	High power	×	○	-
	Manual vane angle	○	○	-
	3D i-See sensor	○	○	-
Timer menu	Timer(On/Off timer)	○	○	administrator
	Timer(Auto-Off timer)	○	○	administrator
	Weekly timer	○	○	administrator
	OU silent mode	○	○	administrator
	Night setback	○	○	administrator
Energy saving menu	Temperature range restriction	○	○	administrator
	Operation lock function	○	○	administrator
	Auto return	○	○	administrator
	Schedule	×	○	administrator
Initial setting menu	Main/Sub	○	○	administrator
	Clock	○	○	administrator
	Clock display format setting	○	○	administrator
	Daylight saving time	○	○	administrator
	Main display	○	○	administrator
	Black and white inversion	○	○	administrator
	Contrast • Brightness	○	○	administrator
	Language selection	○	○	administrator
	Password(Administrator)	○	○	administrator
Service menu	Initialize remote controller	○	○	maintenance
	Remote controller information	○	○	maintenance
	Test run	○	○	maintenance
	Model information input	○	○	maintenance
	Dealer information input	○	○	maintenance
	Function setting	○	○	maintenance
	Smooth maintenance	×	○	maintenance
	Password(Maintenance)	○	○	maintenance
Maintenance menu	Auto descending panel	○	○	-
	Error information	○	○	-
	Filter information	○	○	-

* The supported functions vary depending on the unit model.

REMOTE CONTROLLER AND TROUBLESHOOTING FUNCTIONS [PAR-41MAA]

A.7.1.2 APPEARANCE

Controller interface



① ON/OFF button

Press to turn ON/OFF the indoor unit.

② SELECT button

Press to save the setting.

③ RETURN button

Press to return to the previous screen.

④ MENU button Page 21

Press to bring up the Main menu.

⑤ Backlit LCD

Operation settings will appear. When the backlight is off, pressing any button turns the backlight on and it will stay lit for a certain period of time depending on the screen.

When the backlight is off, pressing any button turns the backlight on and does not perform its function. (except for the ON/OFF button)

⑥ ON/OFF lamp

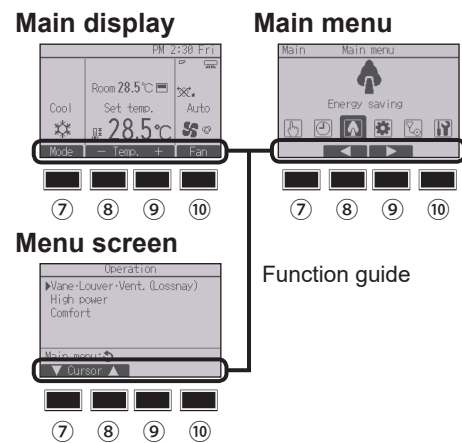
This lamp lights up in green while the unit is in operation. It blinks while the remote controller is starting up or when there is an error.

⑦ Function button F1

Main display: Press to change the operation mode.
Menu screen: The button function varies with the screen.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.

When the system is centrally controlled, the button function guide that corresponds to the locked button will not appear.



⑧ Function button F2

Main display: Press to decrease temperature.
Main menu: Press to move the cursor left.
Menu screen: The button function varies with the screen.

⑨ Function button F3

Main display: Press to increase temperature.
Main menu: Press to move the cursor right.
Menu screen: The button function varies with the screen.

⑩ Function button F4

Main display: Press to change the fan speed.
Menu screen: The button function varies with the screen.

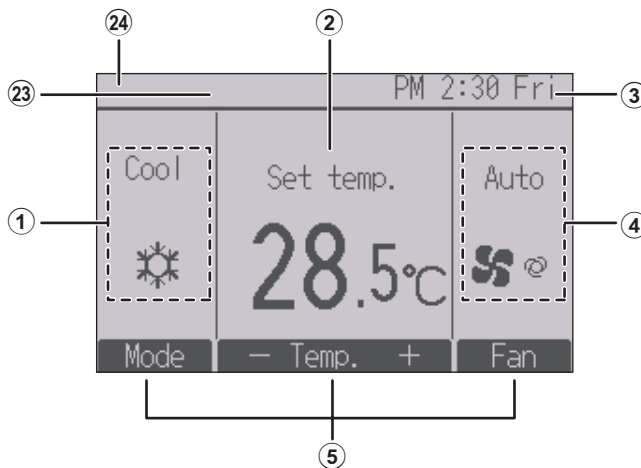
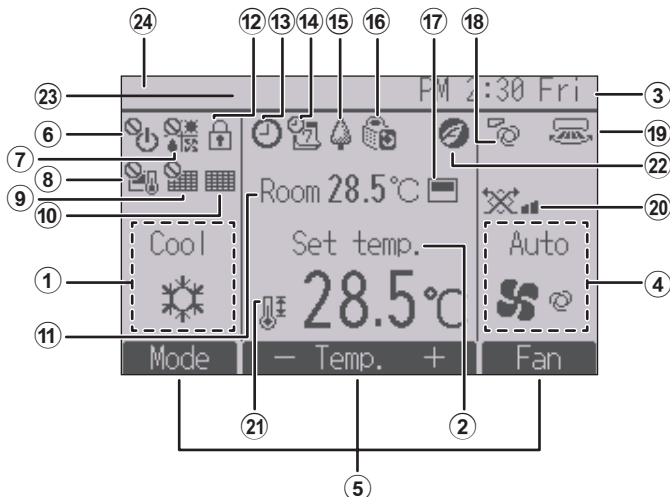
Display

The main display can be displayed in two different modes: "Full" and "Basic."
The factory setting is "Full." To switch to the "Basic" mode, change the setting on the Main display setting.

■ Full mode

* All icons are displayed for explanation.

■ Basic mode




① **Operation mode**


② **Preset temperature**


③ **Clock**
See the Installation Manual.


④ **Fan speed**


⑤ **Button function guide**
Functions of the corresponding buttons appear here.

⑥ 
Appears when the ON/OFF operation is centrally controlled.

⑦ 
Appears when the operation mode is centrally controlled.



⑧ 
Appears when the preset temperature is centrally controlled.

⑨ 
Appears when the filter reset function is centrally controlled.


⑩ 
Indicates when filter needs maintenance.

⑪ **Room temperature**
See the Installation Manual.



⑫ 
Appears when the buttons are locked.

⑬ 
Appears when the On/Off timer, Night setback, or Auto-off timer function is enabled.
 appears when the timer is disabled by the centralized control system.

⑭ 
Appears when the Weekly timer is enabled.

⑮ 
Appears while the units are operated in the energy save mode. (Will not appear on some models of indoor units)


⑯ 
Appears while the outdoor units are operated in the silent mode.


⑰ 
Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature (⑪).
 appears when the thermistor on the indoor unit is activated to monitor the room temperature.

⑱ 
Indicates the vane setting.

⑲ 
Indicates the louver setting.

⑳ 
Indicates the ventilation setting.

㉑ 
Appears when the preset temperature range is restricted.

㉒ 
Appears when an energy-saving operation is performed using a "3D i-See sensor" function.

㉓ **Centrally controlled**
Appears for a certain period of time when a centrally-controlled item is operated.

㉔ **Error display**
An error code appears during the error.
* When an error code is displayed on the main display, an error is occurring but the indoor unit can keep its operation. Check the error code, and consult your dealer.

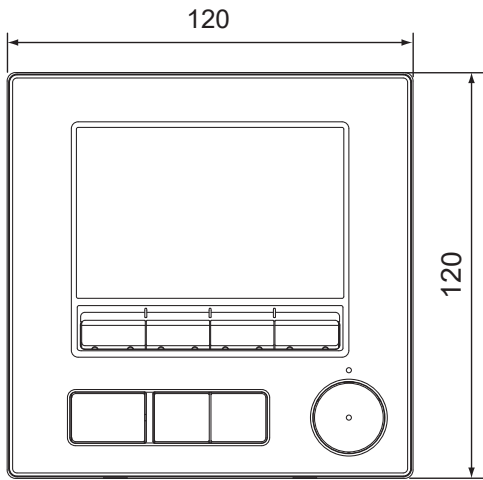
Most settings (except ON/OFF, mode, fan speed, temperature) can be made from the Main menu.

REMOTE CONTROLLER AND TROUBLESHOOTING FUNCTIONS [PAR-4-1MAA]

A.7.1.3 OUTLINES AND DIMENSIONS

[PAR-41MAA]

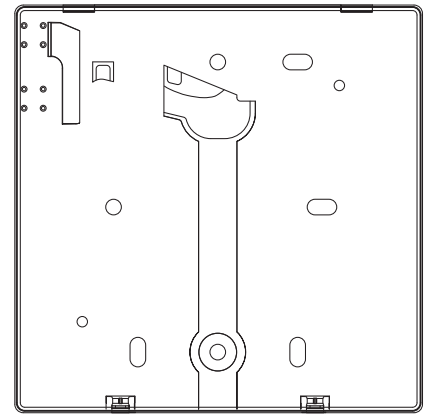
unit : mm



(Front view)



(Side view)



(Rear view)

<Specifications>

Product size	120(W) × 120(H) × 14.5(D)mm (4 23/32 × 4 23/32 × 9/16 [in] (not including the protruding part)	
Net weight	0.25kg (35/64lbs)	
Rated power supply voltage	12V DC (supplied from indoor units)	
Power consumption	0.3W	
Usage environment	Temperature	0 - 40°C (32 - 104°F)
	Humidity	25 - 90%RH (with no dew condensation)
Material	Panel	PMMA
	Main body	ABS
Sound Pressure Level	The A-weighted sound pressure level is below 70dB	

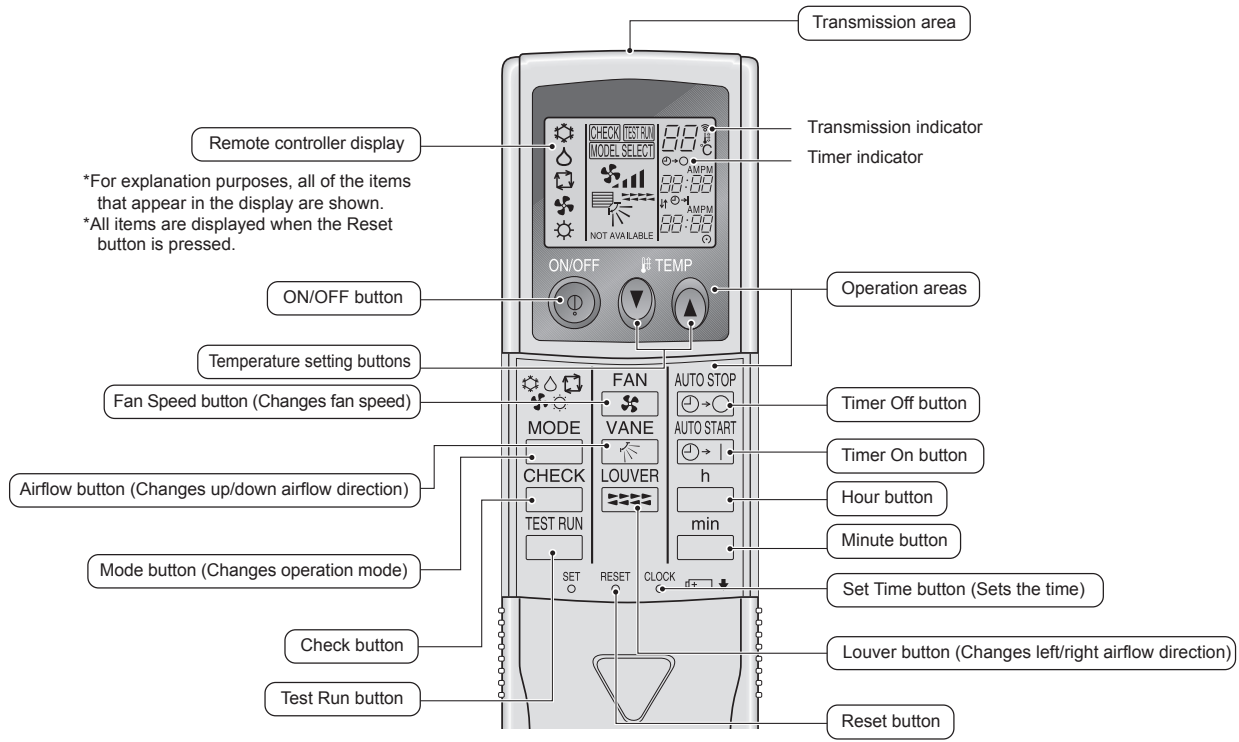
REMOTE CONTROLLER AND TROUBLESHOOTING

OUTLINES AND DIMENSIONS [PAR-41MAA]

A.7.2 WIRELESS REMOTE CONTROLLER

A.7.2.1 [PAR-SL97A-E] APPEARANCE

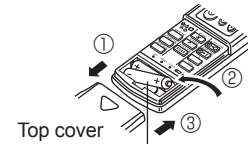
When cover is open



- When using the wireless remote controller, point it towards the receiver on the indoor unit.
- If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
- The indoor unit beeps to confirm that the signal transmitted from the remote controller has been received. Signals can be received up to approximately 7 meters in a direct line from the indoor unit in an area 45° to the left and right of the unit. However, illumination such as fluorescent lights and strong light can affect the ability of the indoor unit to receive signals.
- If the operation lamp near the receiver on the indoor unit is flashing, the unit needs to be inspected. Consult your dealer for service.
- Handle the remote controller carefully! Do not drop the remote controller or subject it to strong shocks. In addition, do not get the remote controller wet or leave it in a location with high humidity.
- To avoid misplacing the remote controller, install the holder included with the remote controller on a wall and be sure to always place the remote controller in the holder after use.

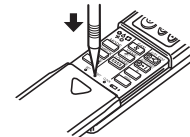
Battery installation/replacement

1. Remove the top cover, insert two AAA batteries, and then install the top cover.



Two AAA batteries
Insert the negative (-) end of each battery first. Install the batteries in the correct directions (+, -)!

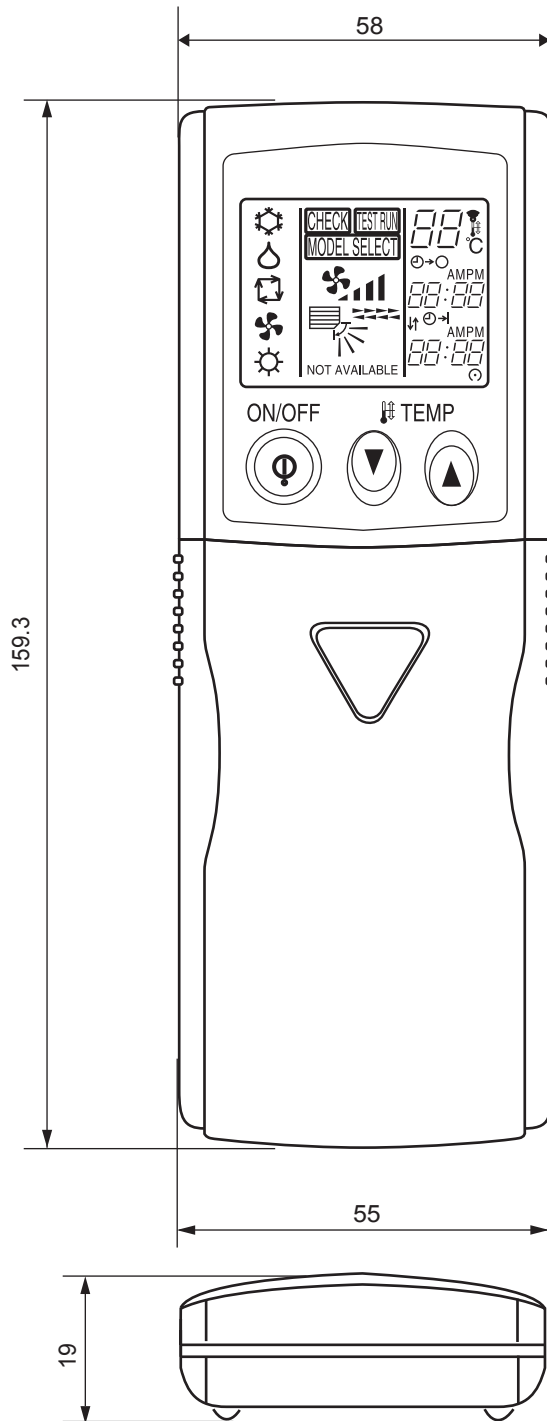
2. Press the Reset button.



Press the Reset button with an object that has a narrow end.

OUTLINES AND DIMENSIONS

unit : mm

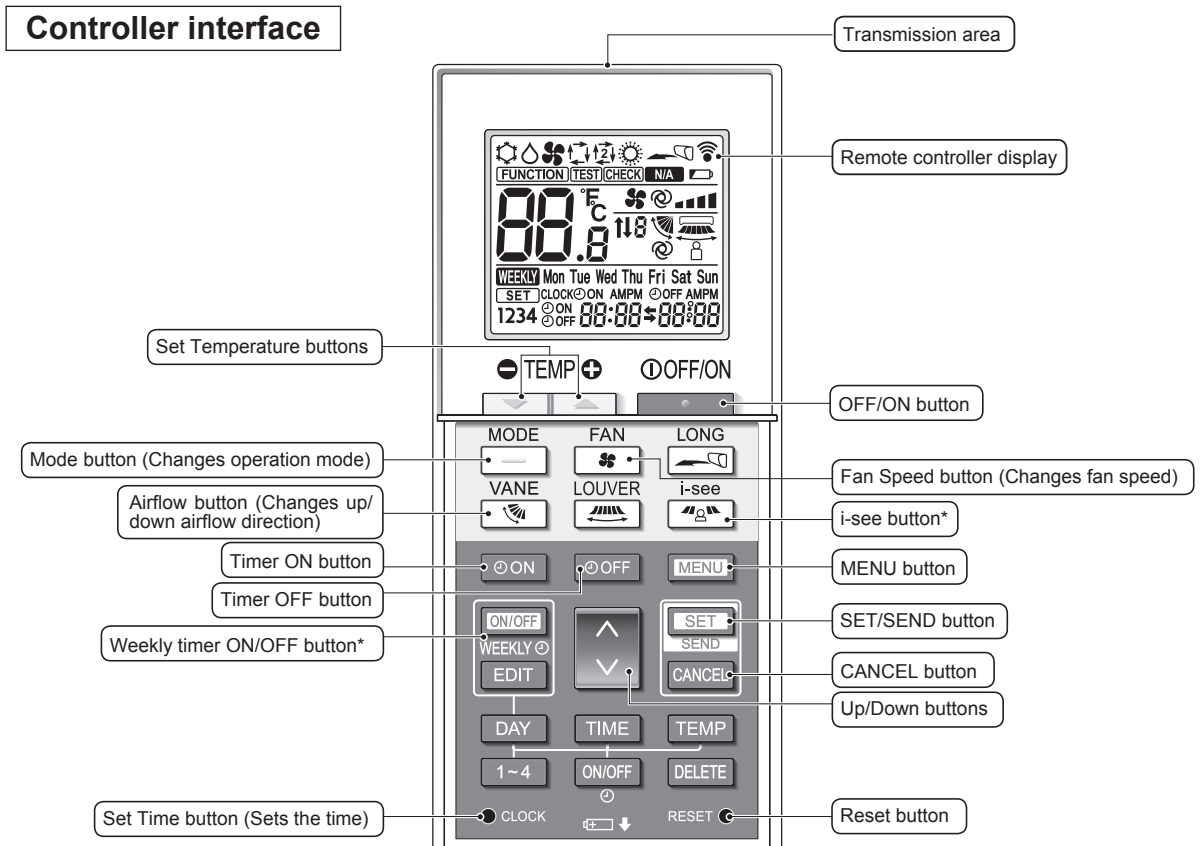


REMOTE CONTROLLER AND TROUBLESHOOTING

OUTLINES AND DIMENSIONS [WIRELESS]

A.7.2.2 [PAR-SL101A-E] APPEARANCE

When cover is open



Note:
* This button is enabled or disabled depending on the model of the indoor unit.

Display

Operation mode

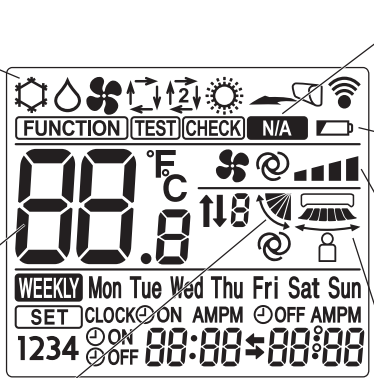
- Cool
- Dry
- Fan
- Auto (single set point)
- Heat
- Auto* (dual set point)

* Refer to 5.4. in the installation manual.

Temperature setting
The units of temperature can be changed. For details, refer to the Installation Manual.

Vane setting

Step 1 Step 2 Step 3 Step 4 Step 5 Swing Auto



Not available
Appears when a non-supported function is selected.

Battery replacement indicator
Appears when the remaining battery power is low.

Fan speed setting The symbols differ depending on models.

Auto

3D i-see sensor (Air distribution)

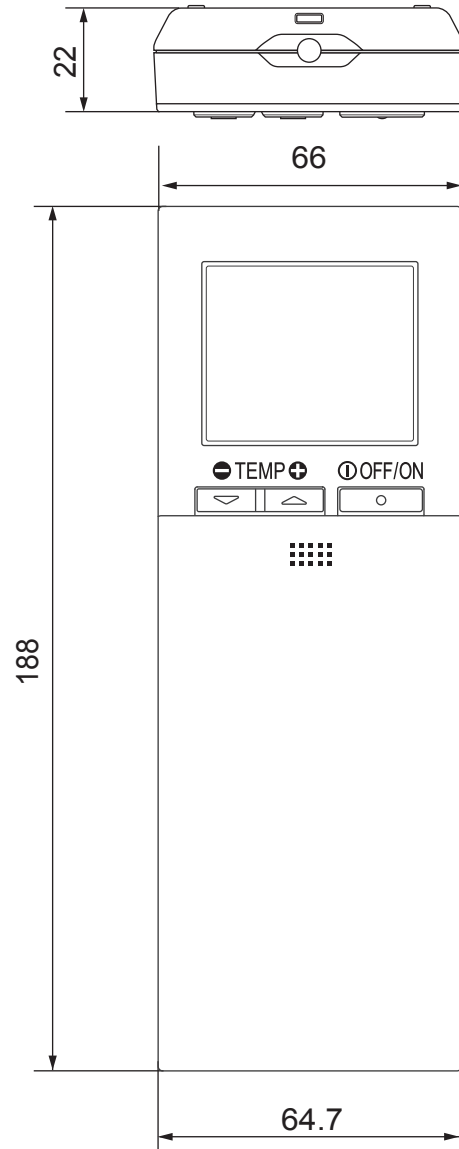
Default Direct Indirect

When Direct or Indirect is selected, the vane setting is set to "Auto".

REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [WIRELESS]

OUTLINES AND DIMENSIONS

unit : mm



REMOTE
CONTROLLER
AND TROUBLE-
SHOOTING

OUTLINES AND DIMENSIONS [WIRELESS]

A.7.3 SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]

A.7.3.1 FUNCTION

1. Operations/Display

V:Each group

Item	Setting	Display	Description
ON/OFF	✓	✓	Changes between ON and OFF.
Operation mode switching *1	✓	✓	Select from COOL, DRYING, FAN, AUTO, and HEAT.
Room temp. Setting *1	✓	✓	Sets a room temperature. * The preset temperature range varies depending on the indoor unit model to be connected. (The ranges for a standard model are as follows.) • COOL/DRY: 19°C - 30°C/67°F - 87°F • HEAT: 17°C - 28°C/63°F - 83°F • AUTO: 19°C - 28°C/67°F - 83°F
Fan speed setting	✓	✓	Changes the fan speed. * The settable fan speed varies depending on the indoor unit model to be connected.
Vane setting	✓	✓	Switches the vane directions. * The settable vane direction varies depending on the indoor unit model to be connected.
Ventilation equipment control	✓	✓	When the CITY MULTI indoor unit is connected, interlocked setting of the CITY MULTI LOSSNAY unit is possible. When the Mr. SLIM indoor unit (A-control) is connected, interlocked operation of the microcomputer-type LOSSNAY unit is possible.
Backlight	✓	✓	Pressing the button lights up a backlight. The light automatically turns off after a certain period of time. (The brightness settings can be selected from Bright, Dark, and Light off.)
Error information	—	✓	Displays the current error status with the address. * The address may not be displayed depending on the error status.

*1 AUTO mode is settable only when those functions are available on the indoor unit.

2. Restriction settings

V:Each group

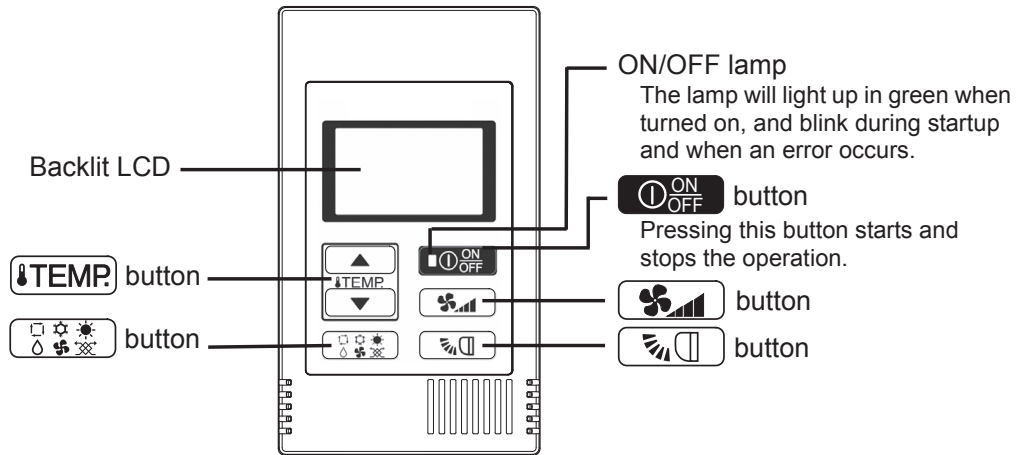
Item	Setting	Display	Description
Allows/disallows local operation	—	✓	By setting a centralized controller, the following local operations are prohibited: ON/OFF; operation mode; preset temperature; * The CENTRAL icon appears while the local operations are prohibited.
Operation lock	✓	✓	Locks all buttons.
Temperature range restriction	✓	✓	The preset temperature range can be restricted for each operation mode (COOL/HEAT/AUTO).

3. Miscellaneous

Item	Description
Room temperature detection	The temperature sensor is built-in on the remote controller.
Various settings	The following settings can be made by setting the dip switches. • Remote controller Main/Sub setting • Temperature display unit setting (Celsius/Fahrenheit) • Cooling/heating display in AUTO mode • Indoor temperature display

A.7.3.2 APPEARANCE

Controller interface

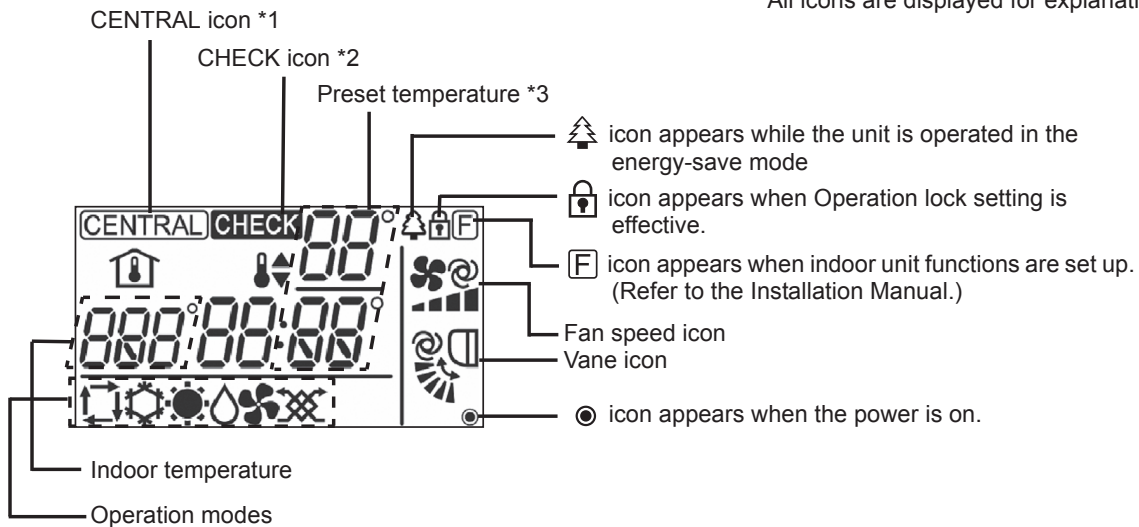


* To set the functions that are not available on this controller (PAC-YT52CRA) such as Louver, use MA remote controller or the centralized controller.

REMOTE CONTROLLER AND TROUBLESHOOTING
APPEARANCE [PAC-YT52CRA]

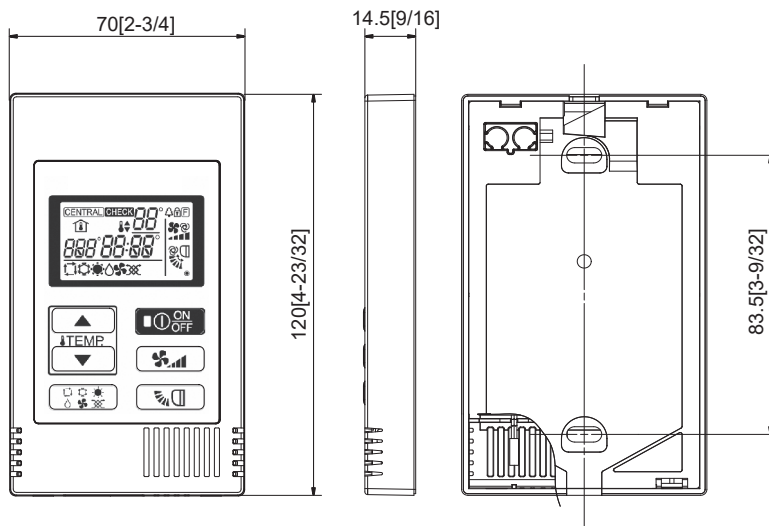
Display

* All icons are displayed for explanation.



**A.7.3.3 OUTLINES AND DIMENSIONS
[PAC-YT52CRA]**

Unit:mm[in.]



Controller specifications

	Specifications
Product size	70 (W) × 120 (H) × 14.5 (D) mm (2-3/4 × 4-23/32 × 9/16 [in]) (not including the protruding part)
Net weight	0.1 kg (1/4 lb.)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.3 W
Usage environment	Temperature 0 ~ 40°C (32 ~ 104°F) Humidity 30 ~ 90%RH (with no dew condensation)
Material	PC + ABS

REMOTE CONTROLLER AND TROUBLESHOOTING OUTLINES AND DIMENSIONS[PAC-YT52CRA]

A.7.4 MA TOUCH REMOTE CONTROLLER [PAR-CT01MAA-PB/SB]

A.7.4.1 FUNCTION

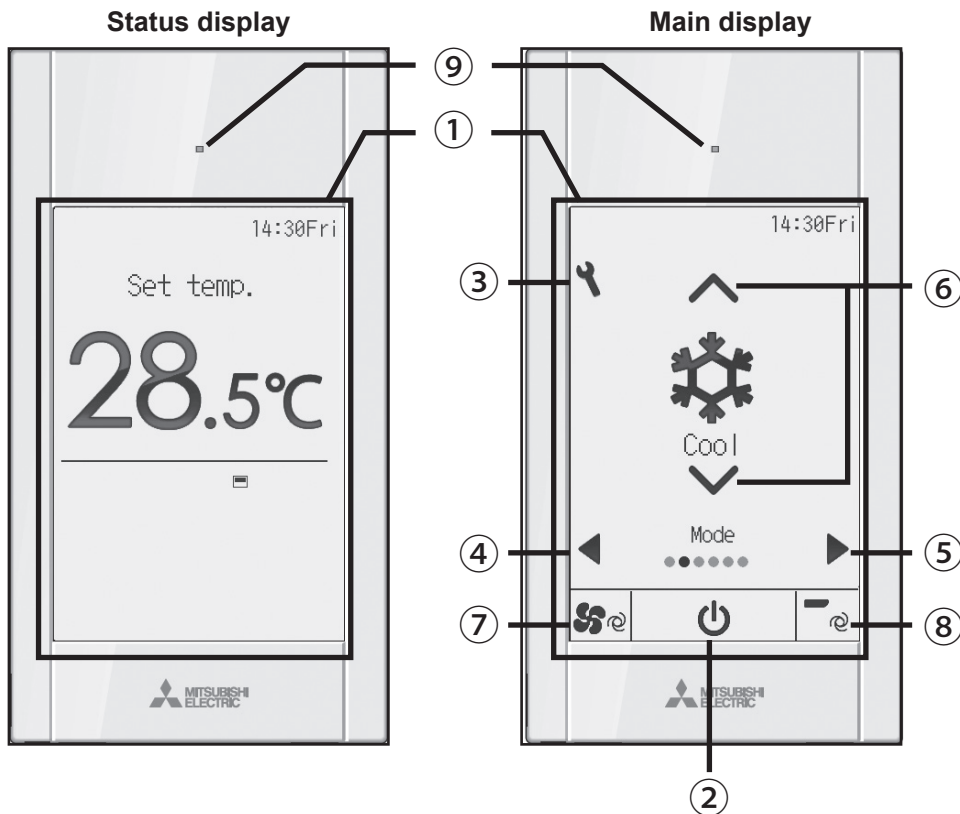
○ : Supported × : Unsupported

	Function	CITY MULTI	Mr. SLIM	Required password
Power	Power ON/OFF	○	○	-
Settings	Operation mode	○	○	-
	Auto (dual set point) mode	○	○	-
	Preset temperature	○	○	-
	Fan speed	○	○	-
	Vane	○	○	-
	Louver	○	○	-
	Ventilation	○	○	-
Operation menu	High power	×	○	-
	Manual vane angle	○	○	-
	3D i-See sensor	○	○	-
Timer menu	Timer (On/Off timer)	○	○	administrator
	Timer (Auto-Off timer)	○	○	administrator
	Weekly timer	○	○	administrator
	OU silent mode	○	○	administrator
	Night setback	○	○	administrator
Energy saving menu	Temperature range restriction	○	○	administrator
	Operation lock function	○	○	administrator
	Auto return	○	○	administrator
	Schedule	×	○	administrator
Initial setting menu	Clock	○	○	administrator
	Clock display format setting	○	○	administrator
	Daylight saving time	○	○	administrator
	Main display	○	○	administrator
	Icon explanation	○	○	administrator
	Brightness	○	○	administrator
	Language selection	○	○	administrator
	Design	○	○	administrator
	Touch panel calibration	○	○	administrator
	Touch panel cleaning	○	○	administrator
	Password (Administrator)	○	○	administrator
Service menu	Initialize remote controller	○	○	maintenance
	Remote controller information	○	○	maintenance
	Test run	○	○	maintenance
	Model information input	○	○	maintenance
	Dealer information input	○	○	maintenance
	Function setting	○	○	maintenance
	Smooth maintenance	×	○	maintenance
	Password (Maintenance)	○	○	maintenance
Maintenance menu	Auto descending panel	○	○	-
	Error information	○	○	-
	Filter information	○	○	-

* The supported functions vary depending on the unit model.

A.7.4.2 APPEARANCE

1.Controller interface-Status display / Main display



REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [PAR-CT01MAA-P/BSBI]

① Touch panel & Backlit full color LCD

Operation settings will appear. When the backlight is off, pressing any area switches the screen to the Status display. While the Status display is displayed, pressing any area switches the screen to the Main display.

② ON/OFF button

Press to turn ON/OFF the indoor unit.

③ Setting button

Press to bring up the Main menu. When the menu operation is locked, an administrator password is required.

④ Left arrow button

Press to switch the setting items in the following order: louver, ventilation, vane, fan speed, operation mode, and preset temperature.

⑤ Right arrow button

Press to switch the setting items in the following order: preset temperature, operation mode, fan speed, vane, ventilation, and louver.

⑥ Up/Down arrow button

Press to change the contents of the setting selected in ④ and ⑤ above.

⑦ Fan speed shortcut button

Press to directly access the fan speed settings screen.

⑧ Vane shortcut button

Press to directly access the vane settings screen.

⑨ ON/OFF lamp

This lamp lights up in green while the unit is in operation unless "LED lighting" is set to "No". It blinks while the remote controller is starting up or when there is an error.

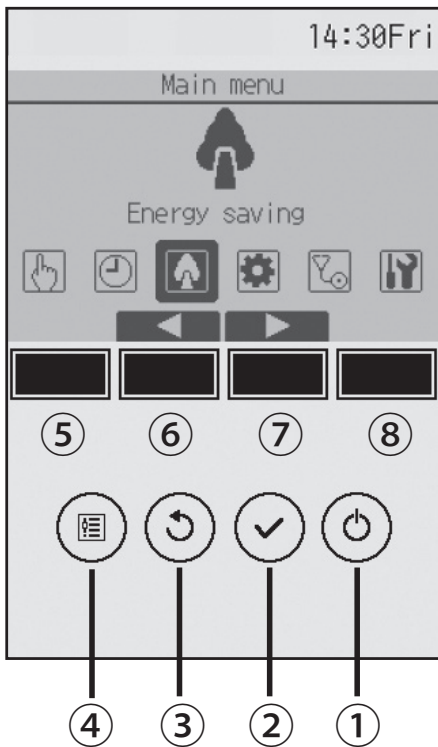
When the ON/OFF operation is locked, ② will not be displayed.

When the setting item is switched with the ④ or ⑤ button, if the operation of the selected setting item is locked, the item will not be displayed.

If the operation of the fan speed or vane is locked, the item ⑦ or ⑧ will not be displayed.

The setting contents cannot be changed with the ⑥ button when the setting item is centrally controlled by the system controller.

2.Controller interface-Main screen



① ON/OFF button
Press to turn ON/OFF the indoor unit.

② SELECT button
Press to save the setting.

③ RETURN button
Press to return to the previous screen. When the Main menu is displayed, pressing this button will display the Status display.

④ MENU button
Press to bring up the Main menu.

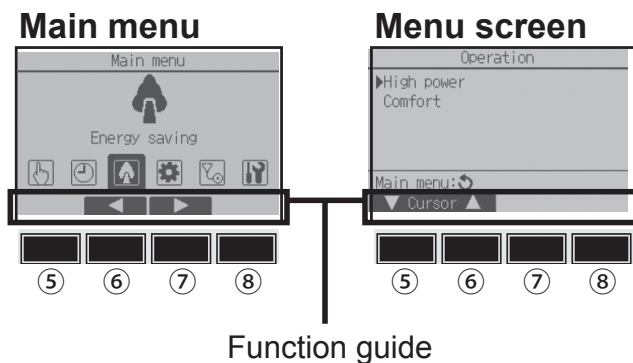
⑤ Function button F1
Menu screen: The button function varies with the screen.

⑥ Function button F2
Main menu: Press to move the cursor left.
Menu screen: The button function varies with the screen.

⑦ Function button F3
Main menu: Press to move the cursor right.
Menu screen: The button function varies with the screen.

⑧ Function button F4
Menu screen: The button function varies with the screen.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.

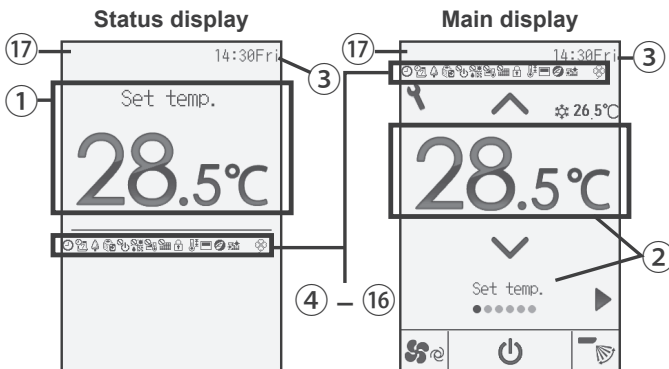


3. Display-Status display / Main display

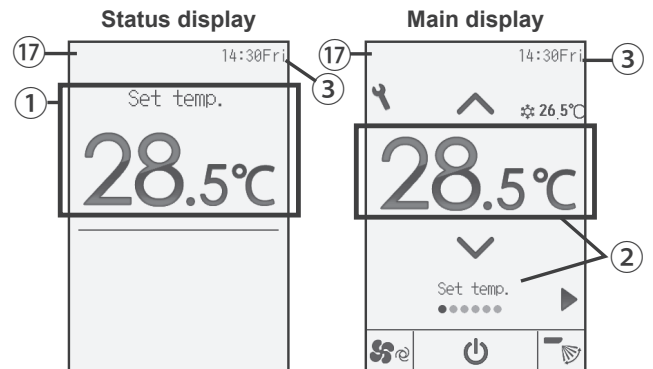
The Status display and Main display can be displayed in two different modes: "Full" and "Basic."

Full mode

* All icons are displayed for explanation.



Basic mode



1 Preset temperature or room temperature

Preset temperature or room temperature appears here. (See the Installation Manual.)

2 Setting item and setting contents

The setting items "Preset temperature" ↔ "Operation mode" ↔ "Fan speed" ↔ "Vane" ↔ "Ventilation" ↔ "Louver," and their setting contents appear here. "Centrally controlled" appears for a certain period of time when a centrally-controlled item is operated.

3 Clock

Current time appears here. (See the Installation Manual.)

4

Appears when the On/Off timer, Night set-back, or Auto-off timer function is enabled.

appears when the timer is disabled by the centralized control system.

5

Appears when the Weekly timer is enabled.

6

Appears while the units are operated in the energy-save mode. (Will not appear on some models of indoor units)

7

Appears while the outdoor units are operated in the silent mode.

8

Appears when the ON/OFF operation is centrally controlled.

9

Appears when the operation mode is centrally controlled.

10

Appears when the preset temperature is centrally controlled.

11

Appears when the filter reset function is centrally controlled.

12

Appears when the buttons are locked.

13

Appears when the preset temperature range is restricted.

14

Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature.

15

appears when the thermistor on the indoor unit is activated to monitor the room temperature.

16

Appears when an energy-saving operation is performed using a "3D i-See sensor" function.

17

Indicates when filter needs maintenance.

17 Preliminary error display

An error code appears during the preliminary error.

REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [PAR-CT01MAA-P/BSBI]

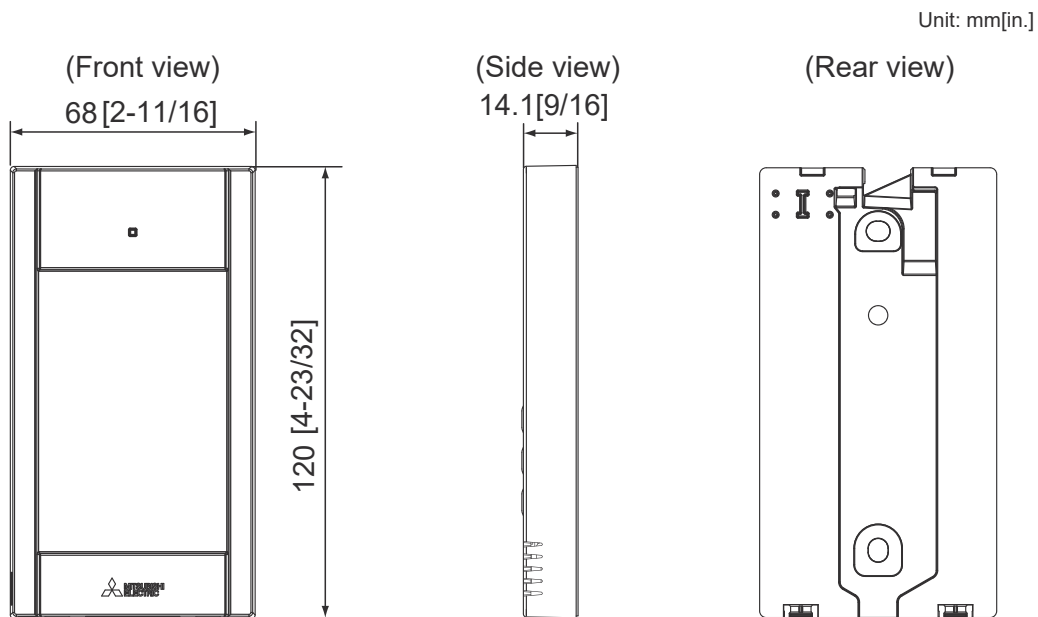
A.7.4.3 SPECIFICATIONS

	Specification
Product size	Standard (PAR-CT01MAA(R)-SB/PAR-CT01MAA-S): 65(W) × 120(H) × 14.1(D) mm (2 9/16 × 4 23/32 × 9/16 [in]) (not including the protruding part)
	Premium (PAR-CT01MAA(R)-PB): 68(W) × 120(H) × 14.1(D) mm (2 11/16 × 4 23/32 × 9/16 [in]) (not including the protruding part)
Net weight	Standard (PAR-CT01MAA(R)-SB/PAR-CT01MAA-S): 0.25 kg (35/64 lbs)
	Premium (PAR-CT01MAA(R)-PB): 0.30 kg (21/32 lbs)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.6 W
Usage environment	Temperature 0 ~ 40°C (32 ~ 104°F) Humidity 25 ~ 90%RH (with no dew condensation)
Material	Standard (PAR-CT01MAA(R)-SB/PAR-CT01MAA-S) Main body: ABS
	Premium (PAR-CT01MAA(R)-PB) Main body: ABS Side plate: Aluminum

REMOTE CONTROLLER AND TROUBLESHOOTING

OUTLINES AND DIMENSIONS

A.7.4.4 OUTLINES AND DIMENSIONS



A.8 OUTDOOR UNIT

A.8.1	OUTLINES AND DIMENSIONS	A-432
	A.8.1.1 R32 type	A-432
	A.8.1.2 R410A type	A-440
A.8.2	WIRING DIAGRAM	A-451
	A.8.2.1 R32 type	A-451
	A.8.2.2 R410A type	A-467
A.8.3	REFRIGERANT SYSTEM DIAGRAM	A-484
	A.8.3.1 R32 type	A-484
	A.8.3.2 R410A type	A-490
A.8.4	PERFORMANCE CURVES	A-498
	A.8.4.1 R32 type	A-498
	1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]	A-498
	2. INSTALLING AN AIR PROTECT GUIDE.....	A-504
	3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH	A-505
	A.8.4.2 R410A type	A-509
	1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]	A-509
	2. INSTALLING AN AIR PROTECT GUIDE.....	A-515
	3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH	A-516
A.8.5	NOISE CRITERIA CURVES	A-520
	A.8.5.1 R32 type	A-520
	A.8.5.2 R410A type	A-526
A.8.6	EARTHQUAKE-PROOF STRENGTH ANALYSIS	A-532
	A.8.6.1 R32 type	A-532
	A.8.6.2 R410A type	A-553

A.8.1 OUTLINES AND DIMENSIONS

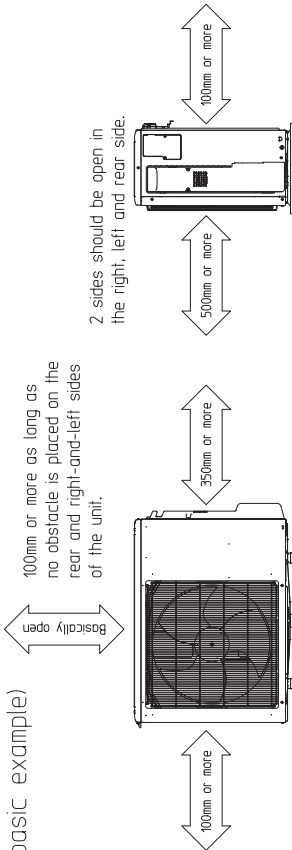
A.8.1.1 R32 type

1. PUZ-ZM•HA2 PUZ-ZM•KA2

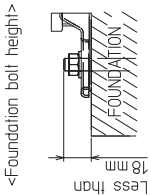
Unit : mm

PUZ-ZM35VKA2 PUZ-ZM50VKA2

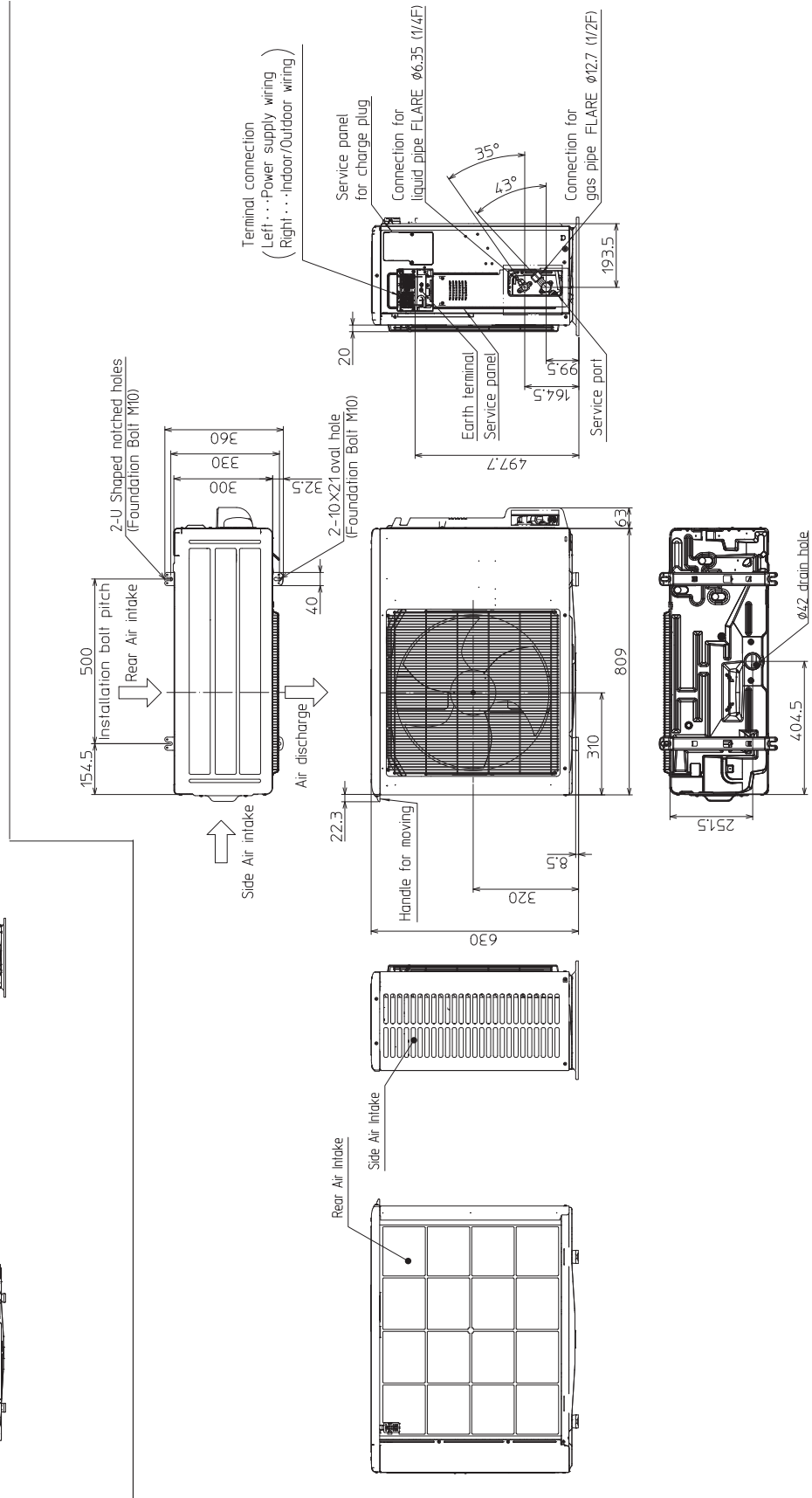
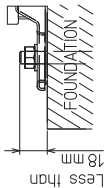
Free space around the outdoor unit
(basic example)



FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts, washers and nut must be purchased locally).



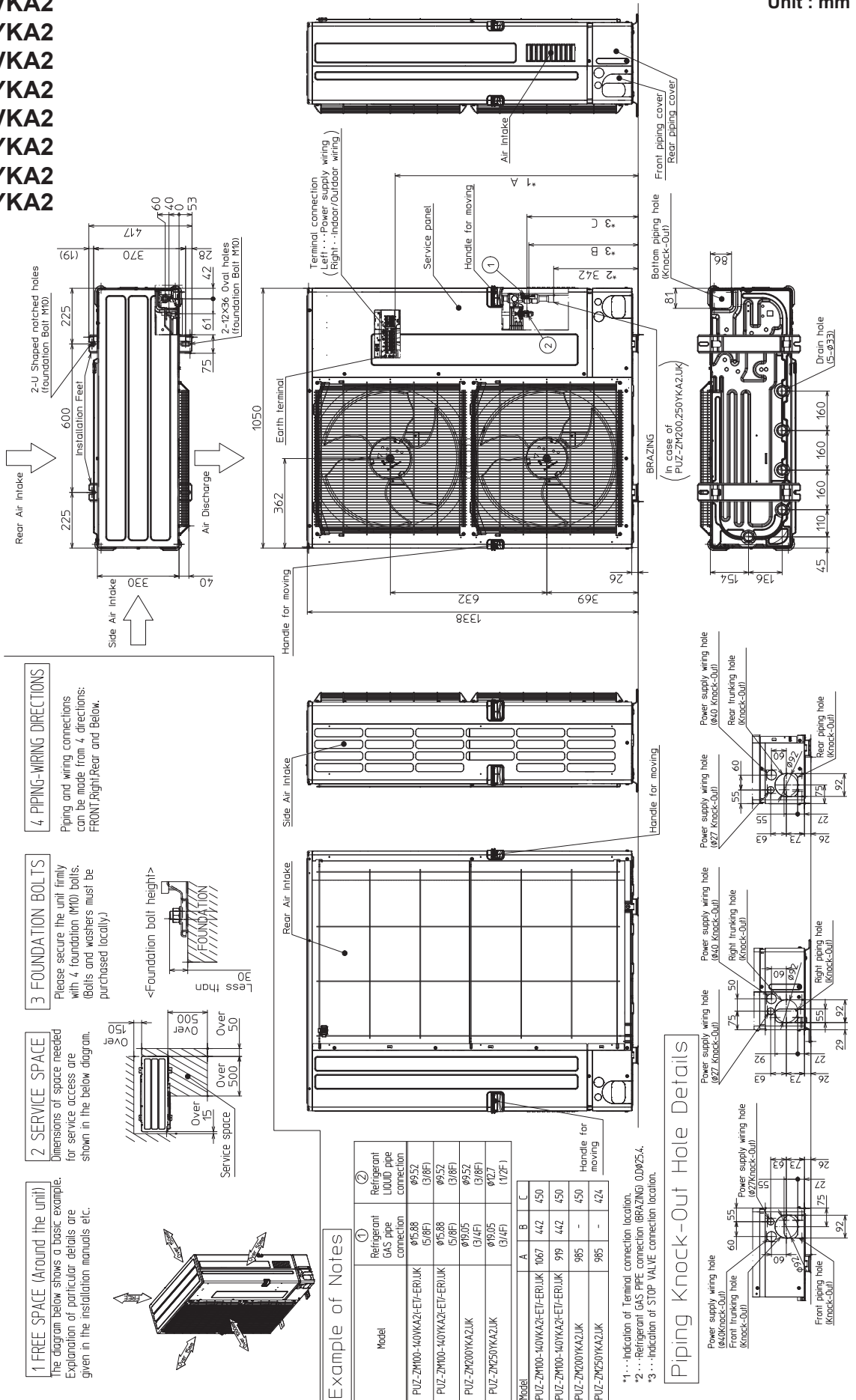
PIPING-WIRING DIRECTION
Piping and wiring connection can be made from the rear direction only.



PUZ-ZM100VKA2
 PUZ-ZM100YKA2
 PUZ-ZM125VKA2
 PUZ-ZM125YKA2
 PUZ-ZM140VKA2
 PUZ-ZM140YKA2
 PUZ-ZM200YKA2
 PUZ-ZM250YKA2

Unit : mm

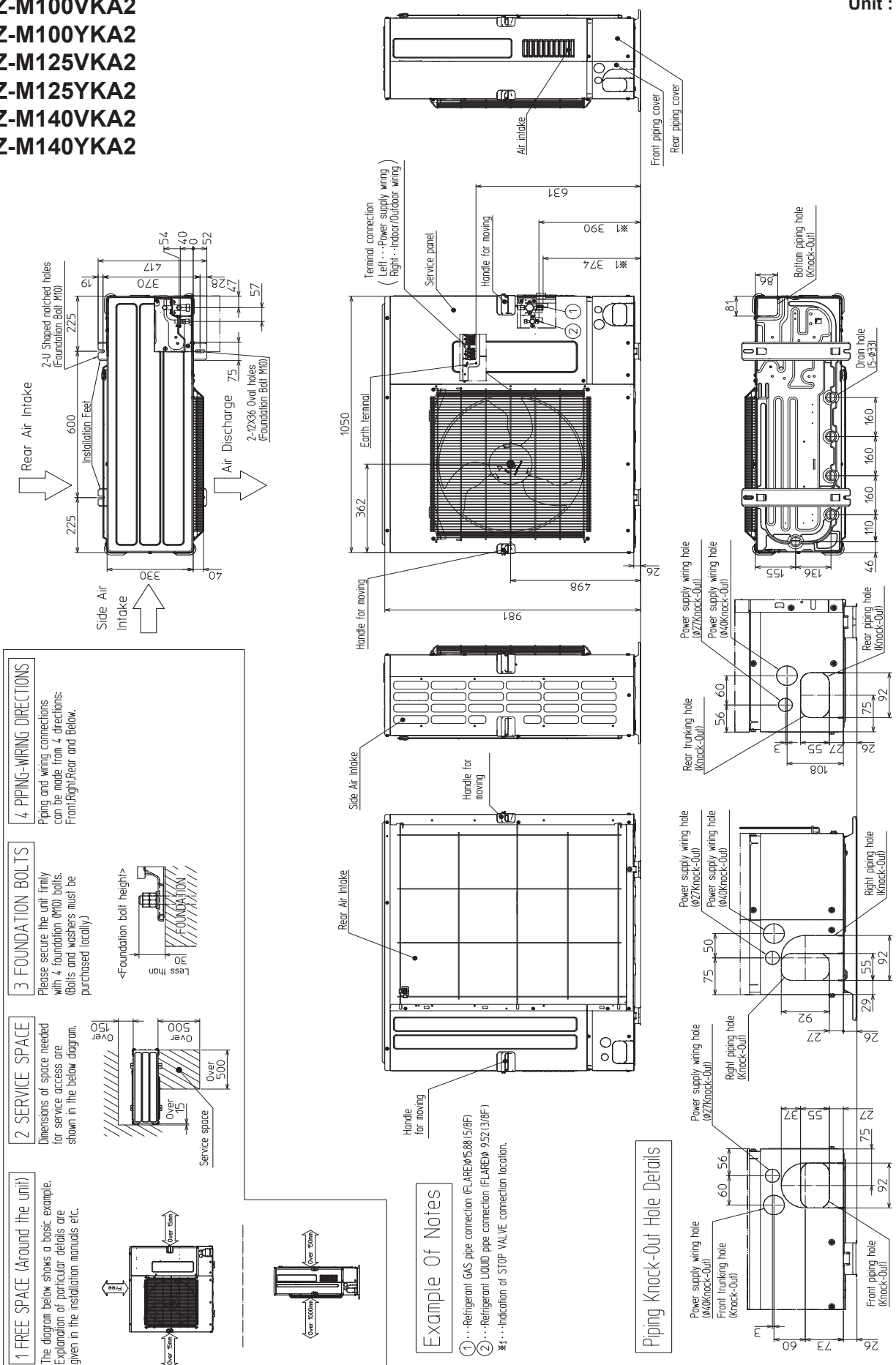
OUTDOOR UNIT
 OUTLINES AND DIMENSIONS



2. PUZ-M•KA2

- PUZ-M100VKA2
- PUZ-M100YKA2
- PUZ-M125VKA2
- PUZ-M125YKA2
- PUZ-M140VKA2
- PUZ-M140YKA2

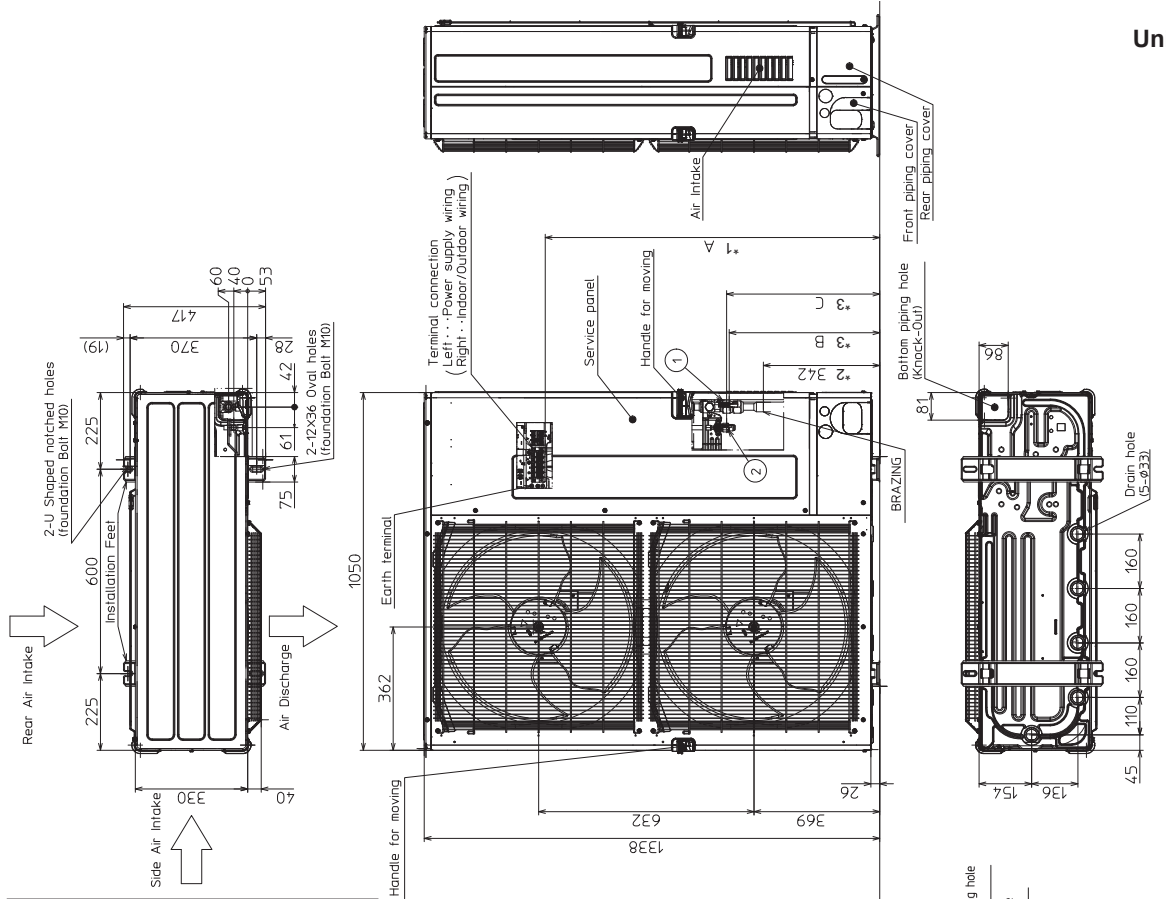
Unit : mm



OUTDOOR UNIT
OUTLINES AND DIMENSIONS

PUZ-M200YKA2
PUZ-M250YKA2

Unit : mm

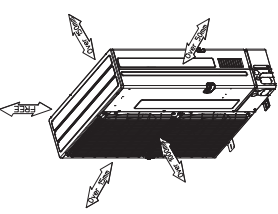
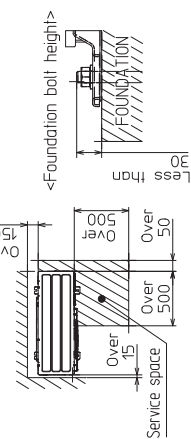


4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

1 FREE SPACE (around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

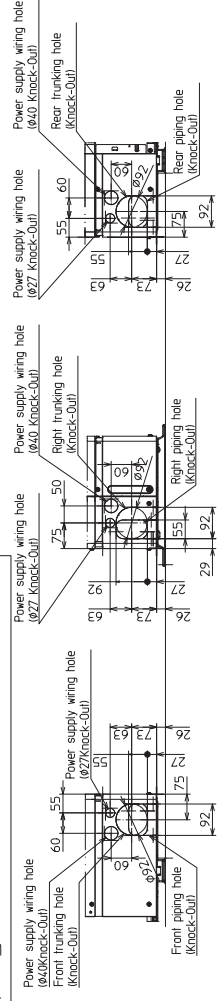


Example of Notes

Model	① Refrigerant GAS pipe connection		② Refrigerant LIQUID pipe connection	
	A	B	C	
PUZ-M200YKA2JK	985	-	450	
PUZ-M250YKA2JK	985	-	424	

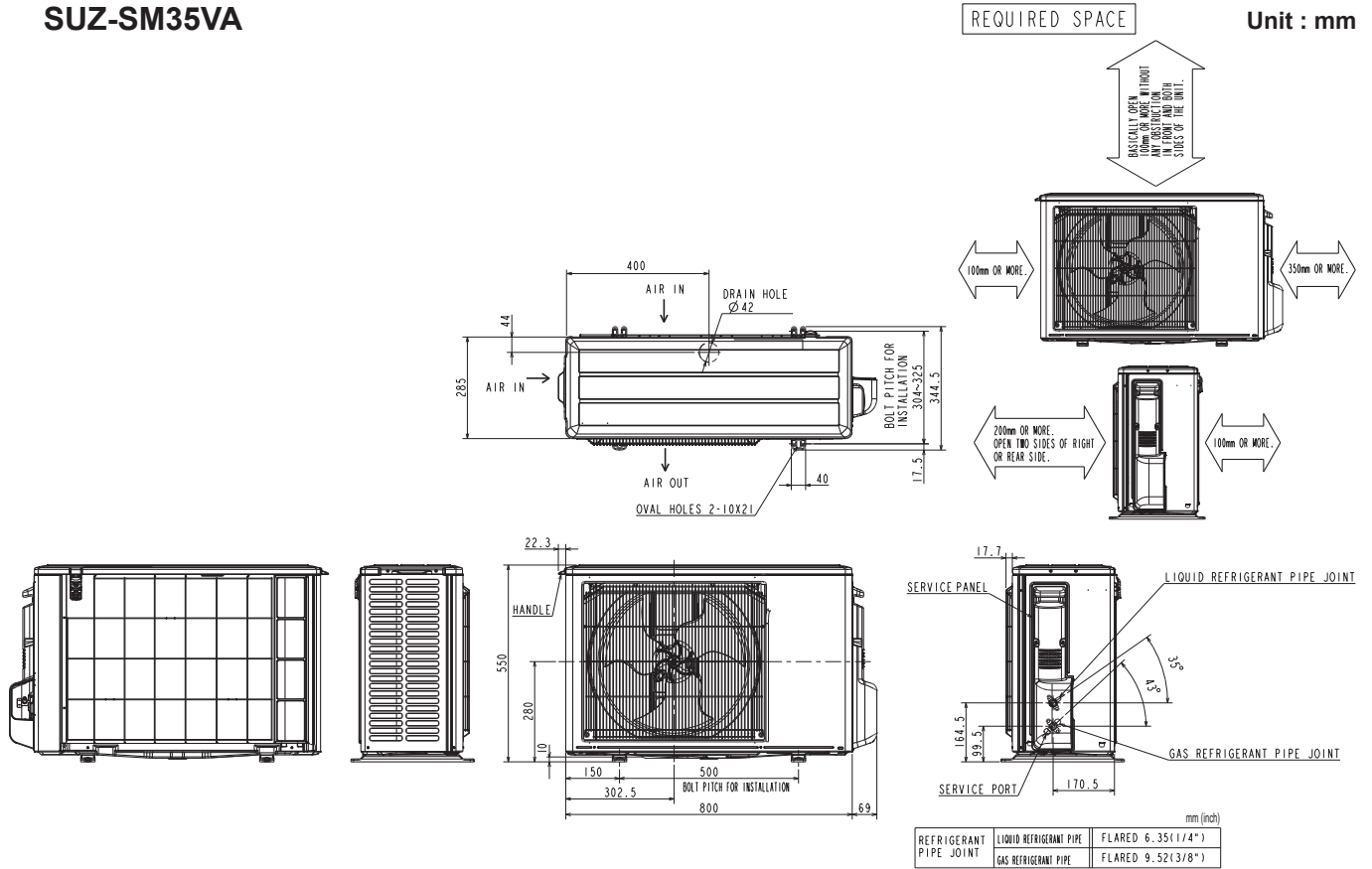
- 1Indication of Terminal connection location.
- 2Refrigerant GAS PIPE connection (BRAZING) location.
- 3Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details



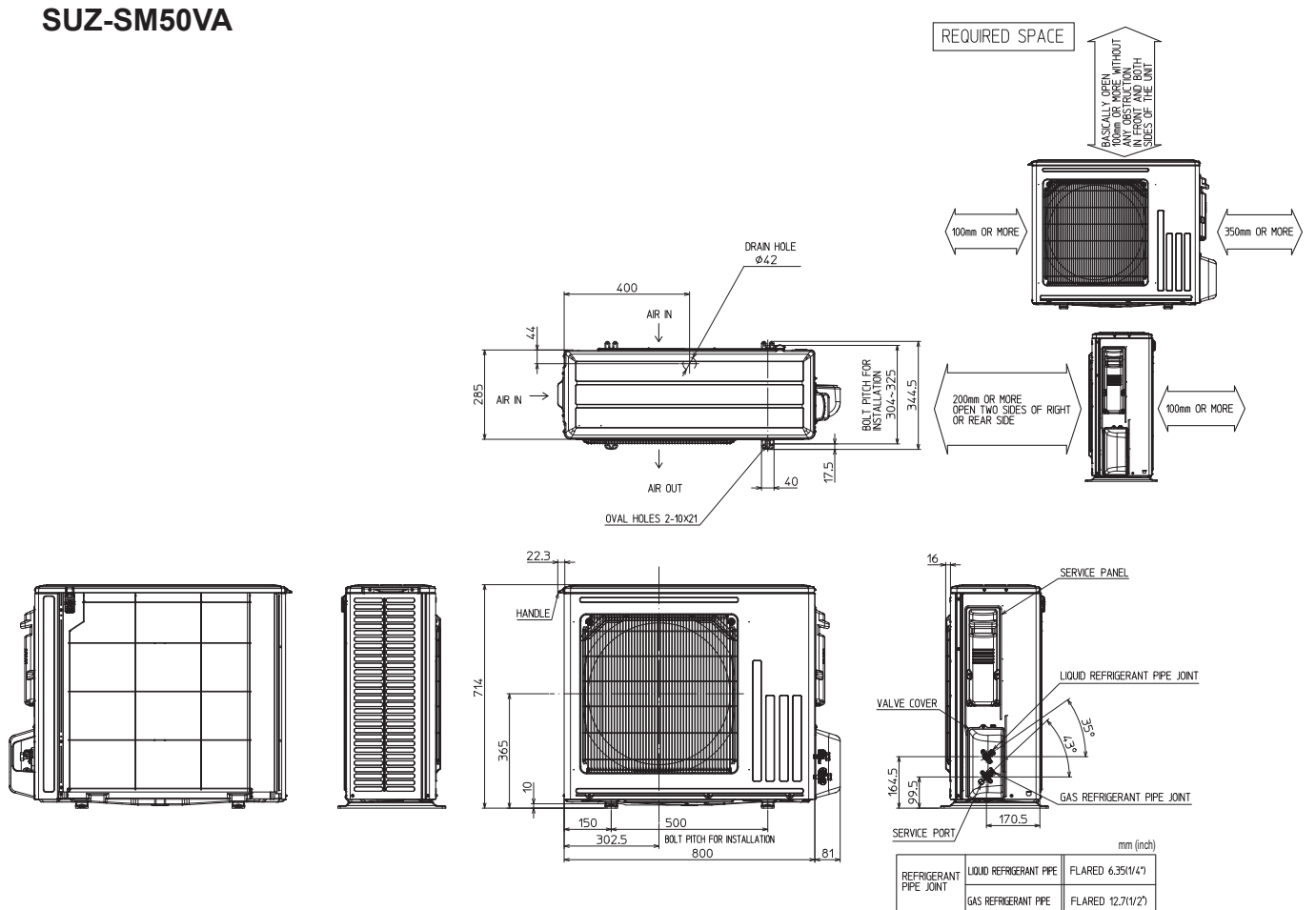
3. SUZ-SM•VA

SUZ-SM35VA



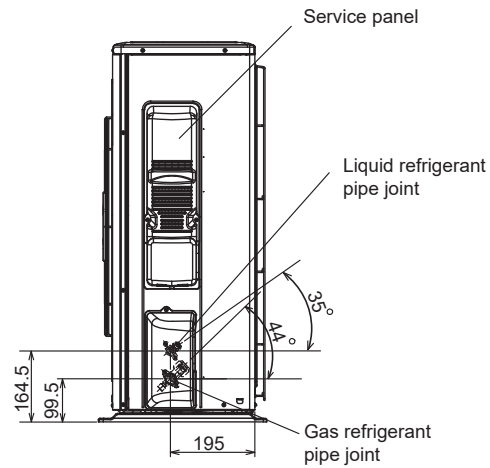
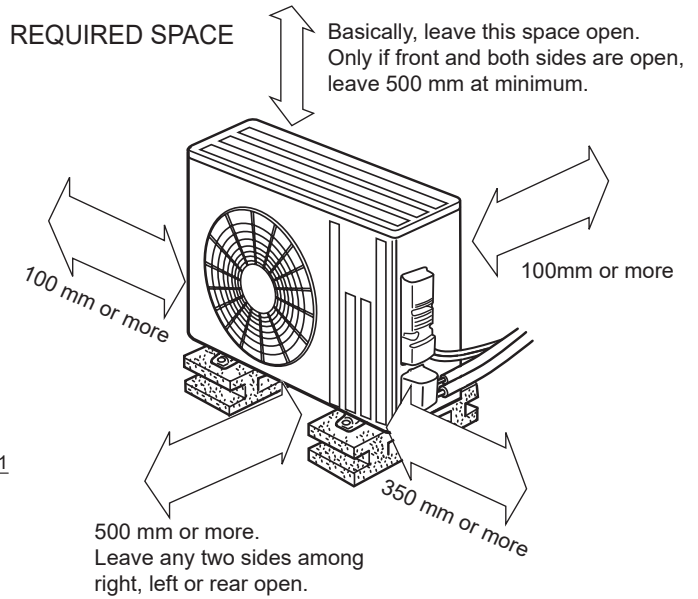
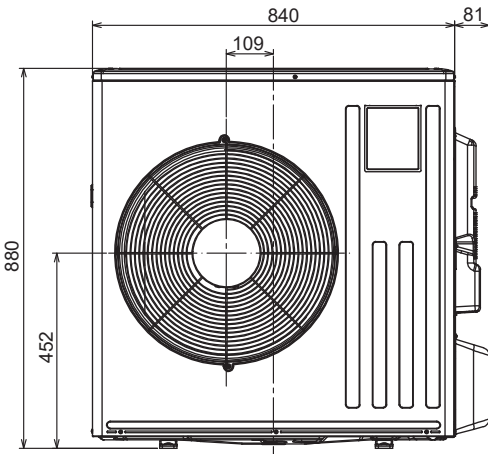
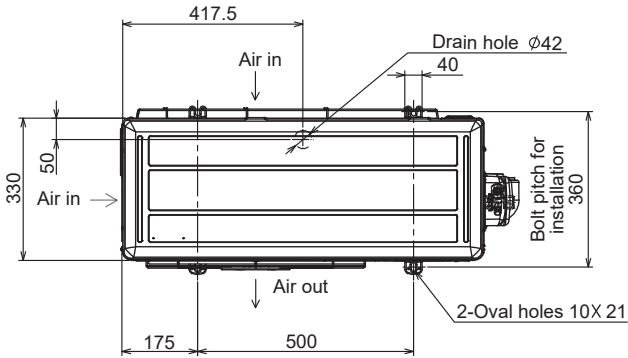
OUTDOOR UNIT
OUTLINES AND DIMENSIONS

SUZ-SM50VA



SUZ-SM60VA
SUZ-SM71VA

Unit : mm



mm (inch)

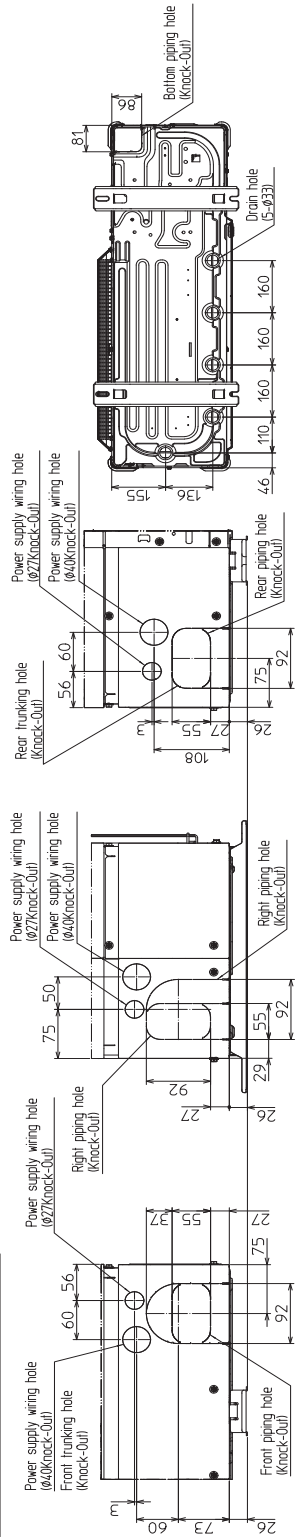
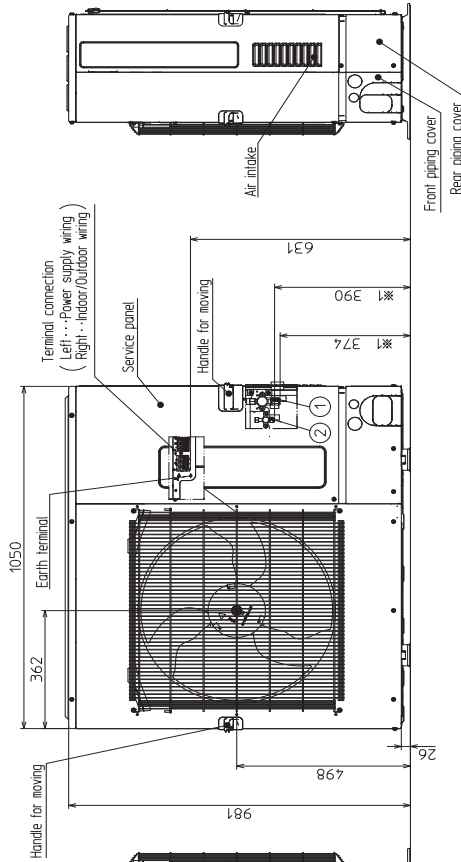
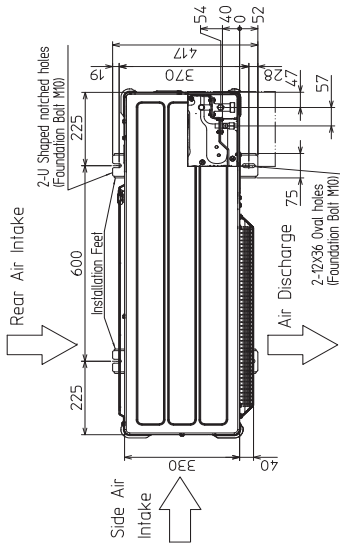
MODEL NAME	SUZ-SM60VA	SUZ-SM71VA
REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE FLARED 6.35(1/4")	LIQUID REFRIGERANT PIPE FLARED 9.52(3/8")
	GAS REFRIGERANT PIPE FLARED 15.88(5/8")	

OUTDOOR UNIT OUTLINES AND DIMENSIONS

4. PUZ-SM•KA2

- PUZ-SM100VKA2
- PUZ-SM100YKA2
- PUZ-SM125VKA2
- PUZ-SM125YKA2
- PUZ-SM140VKA2
- PUZ-SM140YKA2

Unit : mm



1 FREE SPACE (Around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally)

4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: Front, Right, Rear and Below.

Example Of Notes

① ...Refrigerant GAS pipe connection (FLARE) (5/8F)
 ② ...Refrigerant LIQUID pipe connection (FLARE) (9/32F)
 *1...Indication of STOP VALVE connection location.

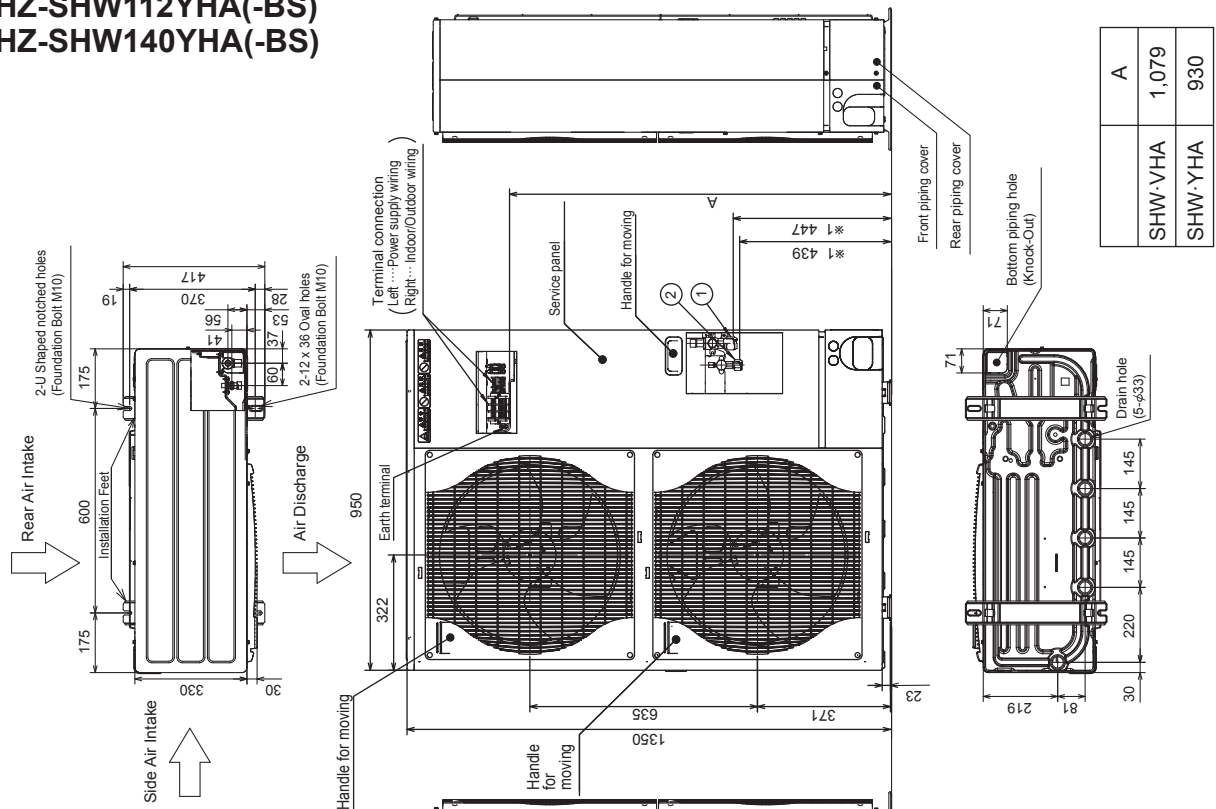
Piping Knock-Out Hole Details

A.8.1.2 R410A type

1. PUHZ-SHW•HA PUHZ-SHW•KA

PUHZ-SHW112VHA(-BS)
 PUHZ-SHW112YHA(-BS)
 PUHZ-SHW140YHA(-BS)

Unit : mm



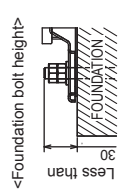
A	SHW-VHA	1,079
	SHW-YHA	930

4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: Front, Right, Rear and Below.

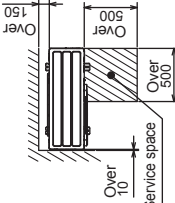
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally).



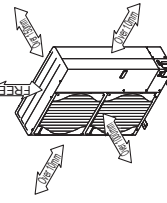
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

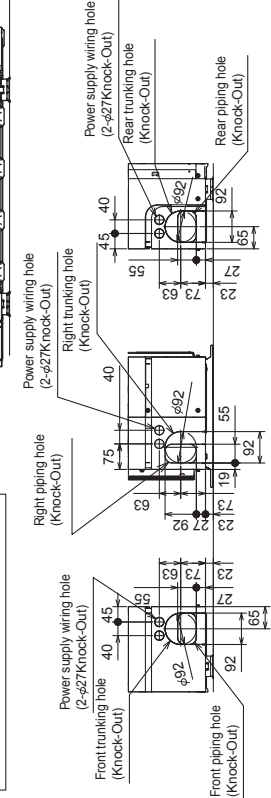
The diagram below shows a basic example. Explanation of particular details is given in the installation manuals etc.



Example of Notes

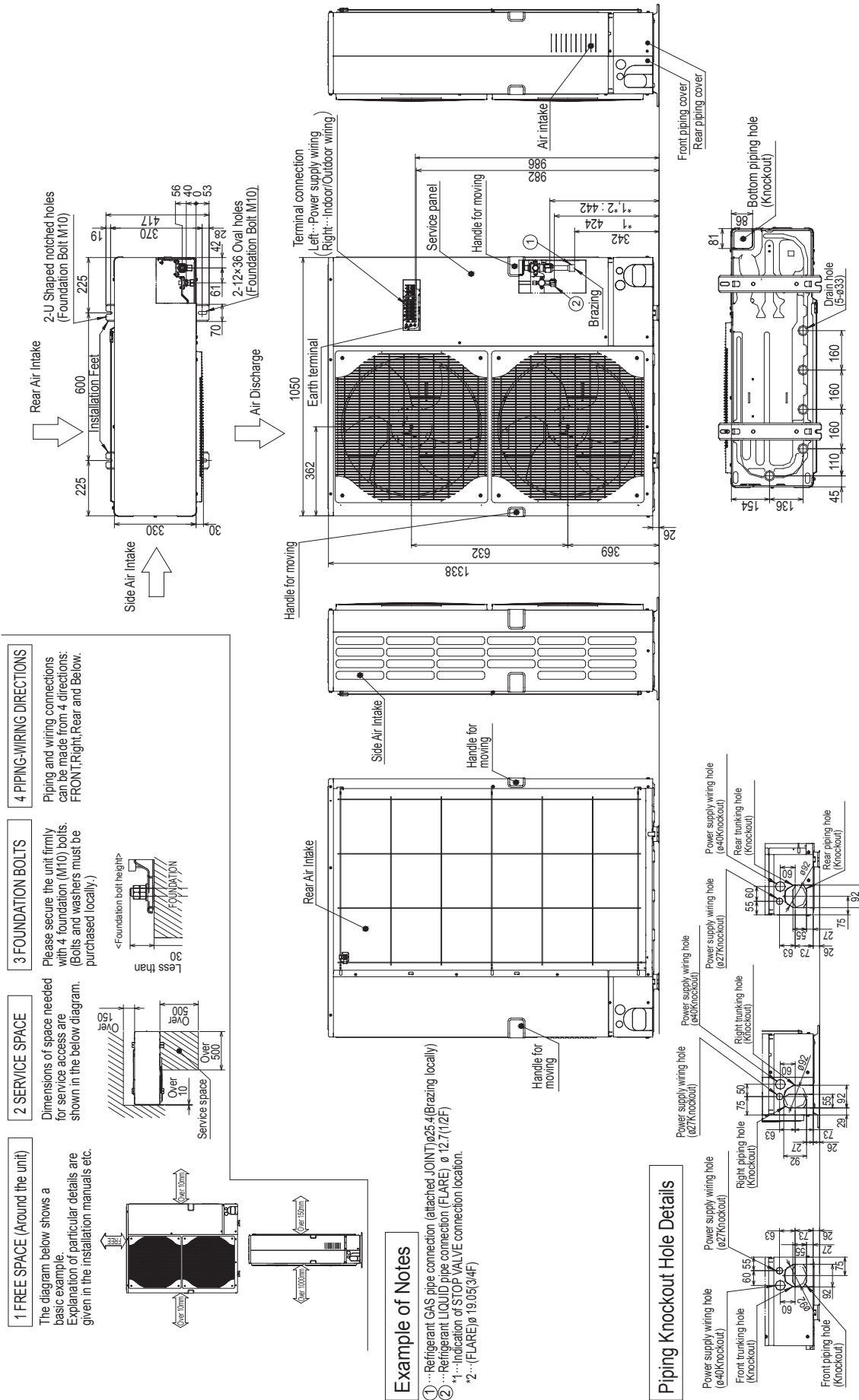
- ①...Refrigerant GAS pipe connection (FLARE)φ15.88(3/8 F)
- ②...Refrigerant LIQUID pipe connection (FLARE)φ 9.52(3/8 F)
- *1 ...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details



PUHZ-SHW230YKA2

Unit : mm



2. PUAZ-ZRP•KA2(3),HA2

PUAZ-ZRP35VKA2
PUAZ-ZRP50VKA2

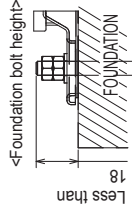
Unit : mm

PIPING-WIRING DIRECTION

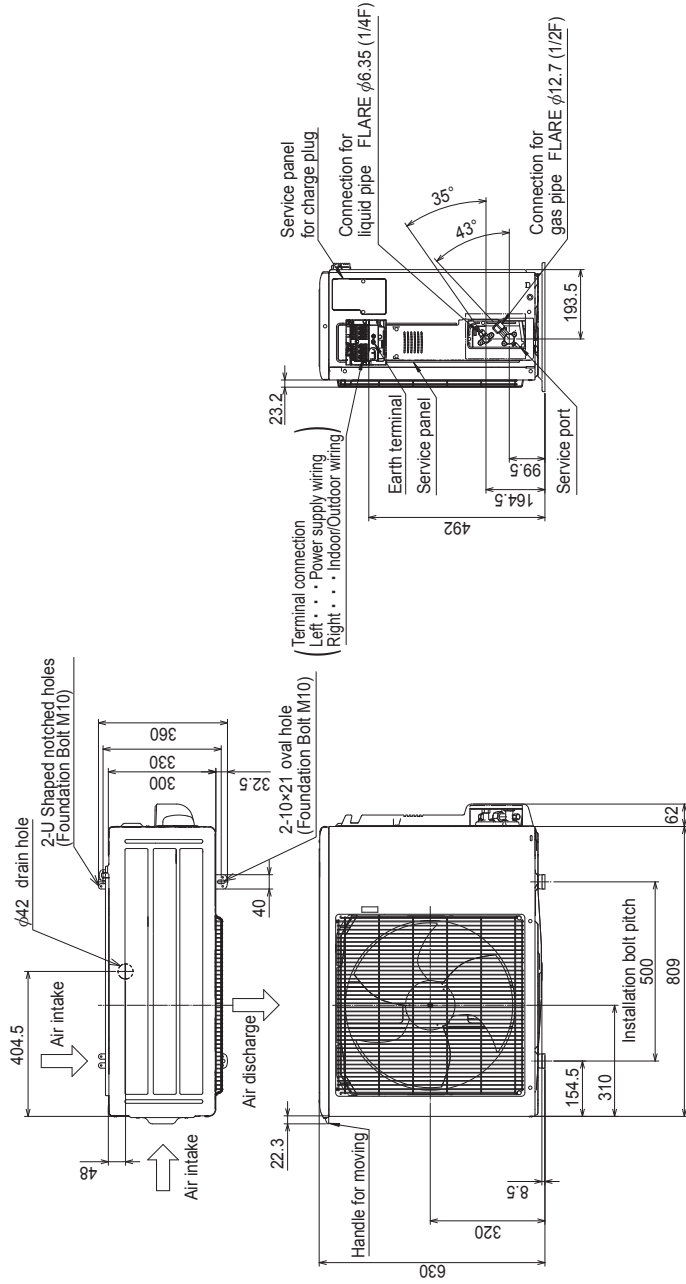
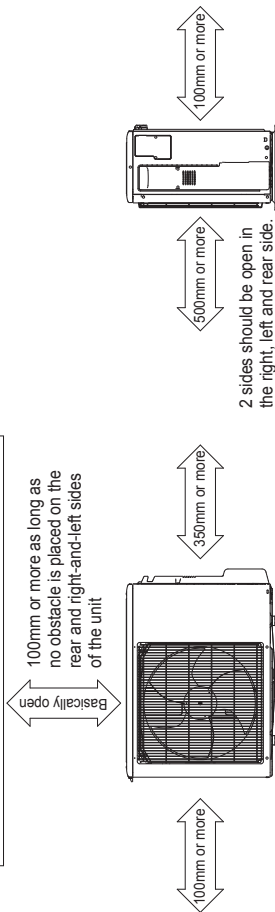
Piping and wiring connection can be made from the rear direction only.

FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts, washers and nut must be purchased locally).

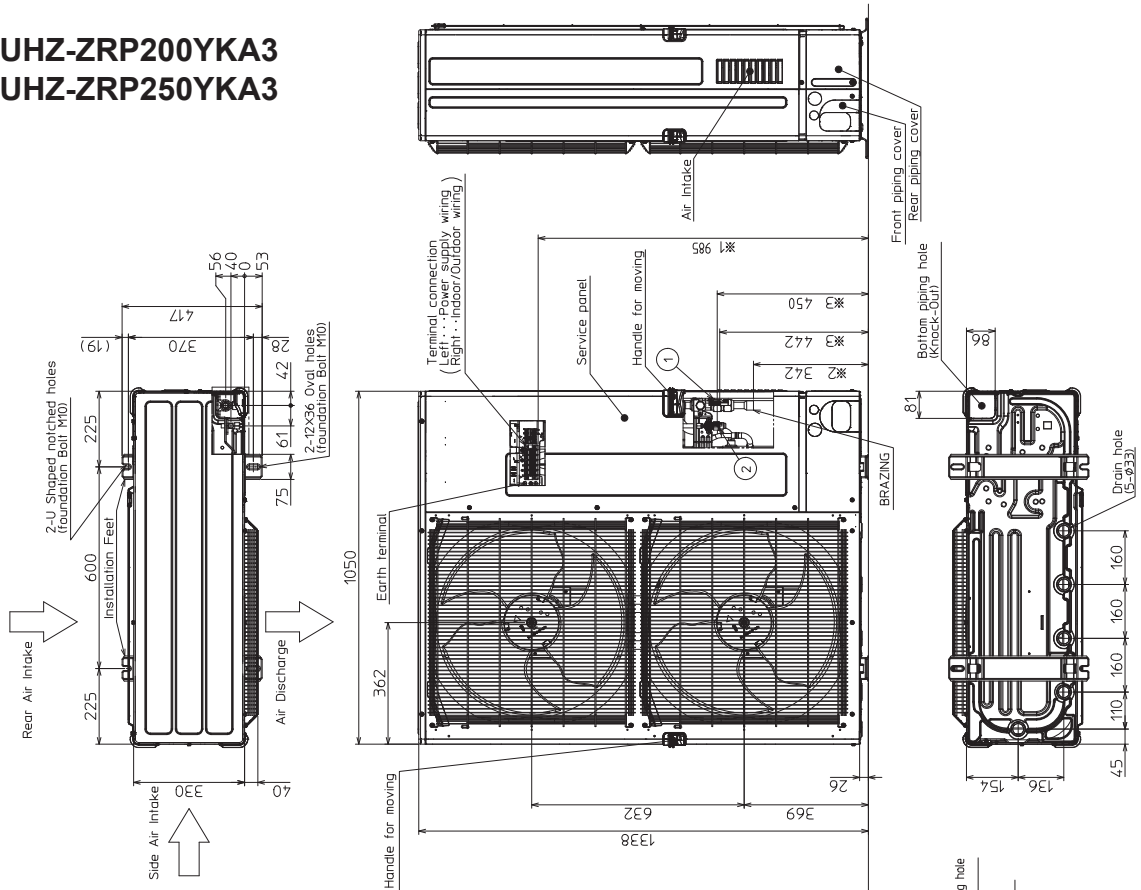


Free space around the outdoor unit (basic example)



**PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3**

Unit : mm

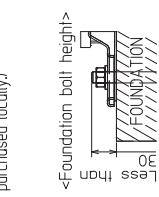


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

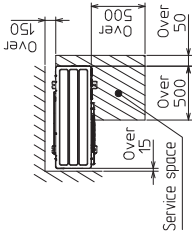
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)



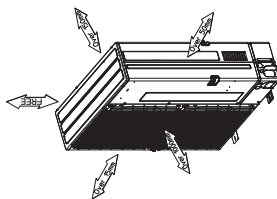
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

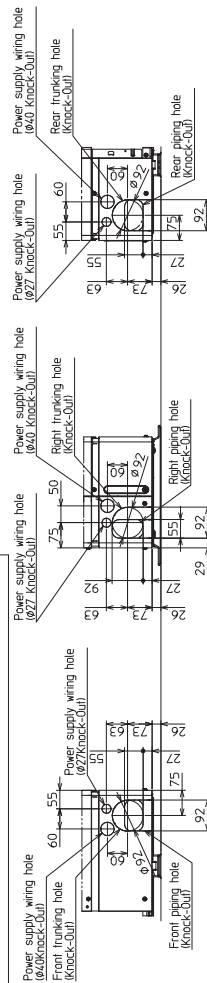


Example of Notes

Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-ZRP200YKA3	Ø9.05 (3/4F)	Ø9.52 (3/8F)
PUHZ-ZRP250YKA3	Ø9.05 (3/4F)	Ø9.7 (1/2F)

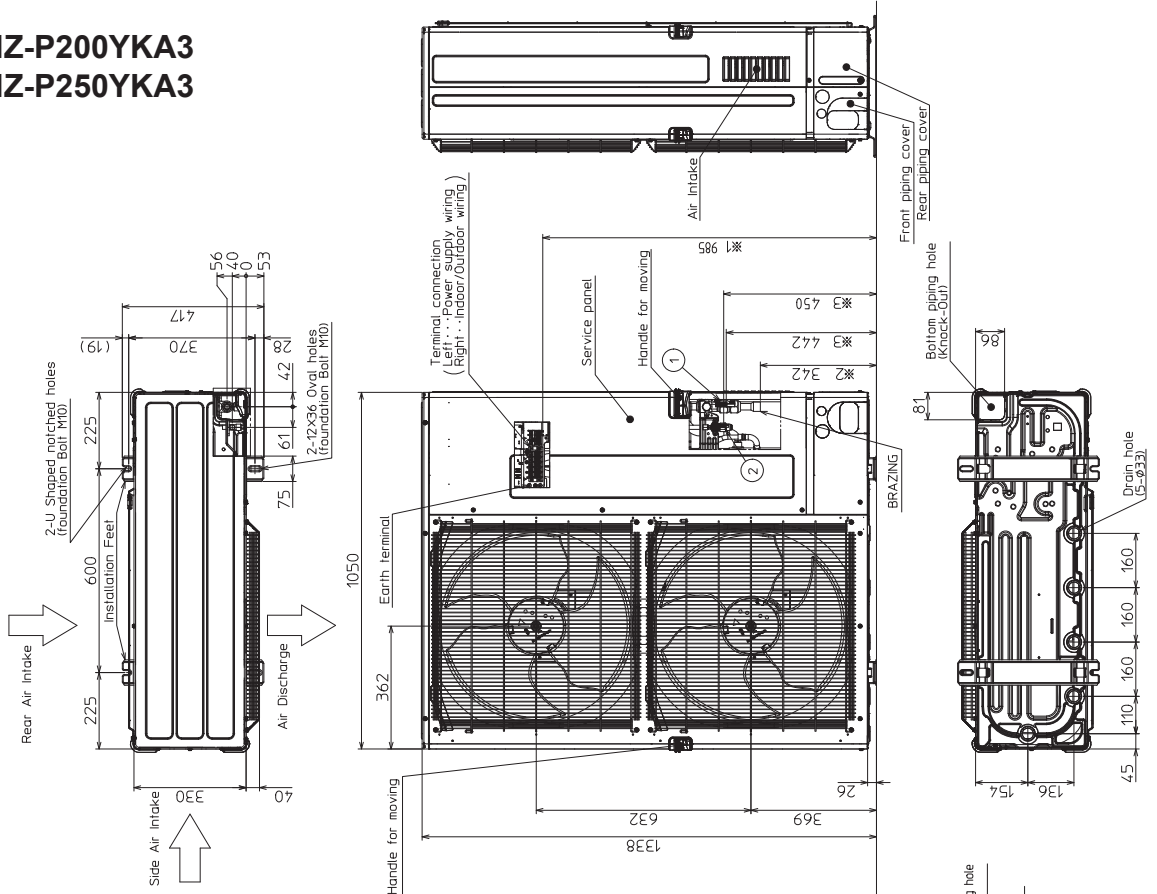
※...Indication of Terminal connection location.
※...Refrigerant GAS PIPE connection (BRAZING) 0.0Ø25.4.
※...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details



**PUHZ-P200YKA3
PUHZ-P250YKA3**

Unit : mm

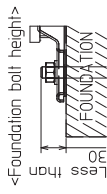


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

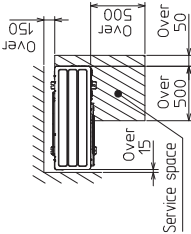
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally)



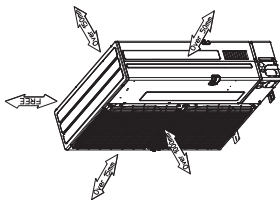
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

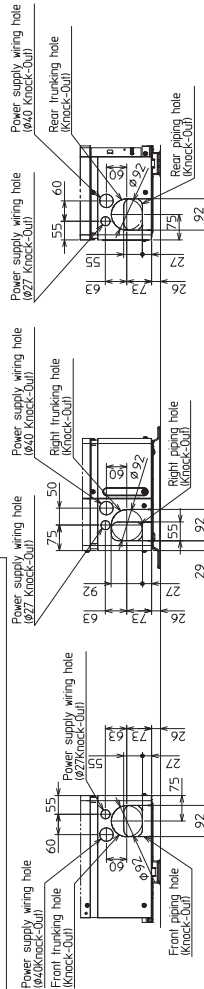


Example of Notes

Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-P200YKA3	φ19.05 (3/4F)	φ9.52 (3/8F)
PUHZ-P250YKA3	φ19.05 (3/4F)	φ12.7 (1/2F)

※1...Indication of Terminal connection location.
※2...Refrigerant GAS PIPE connection (BRAZING). 0.Dφ25.4.
※3...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details

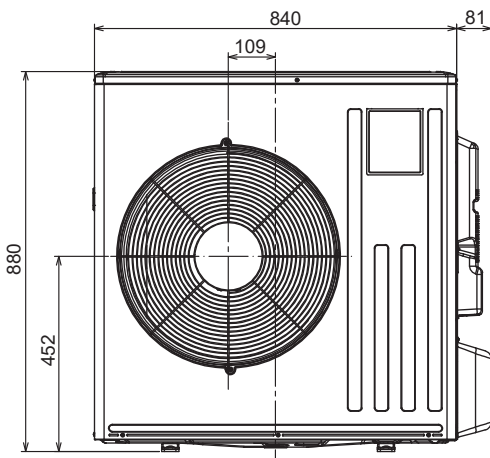
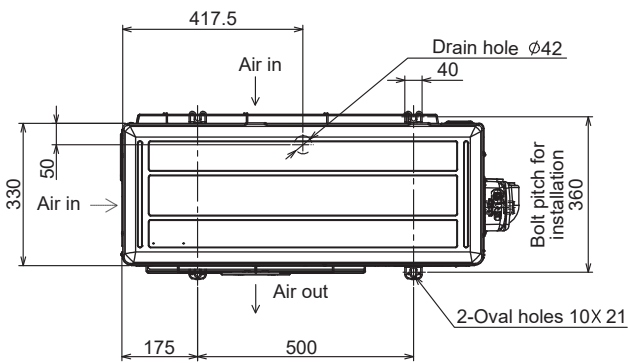


4. SUZ-SA•VA

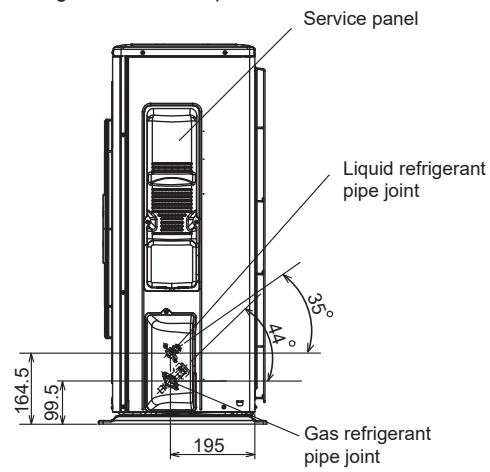
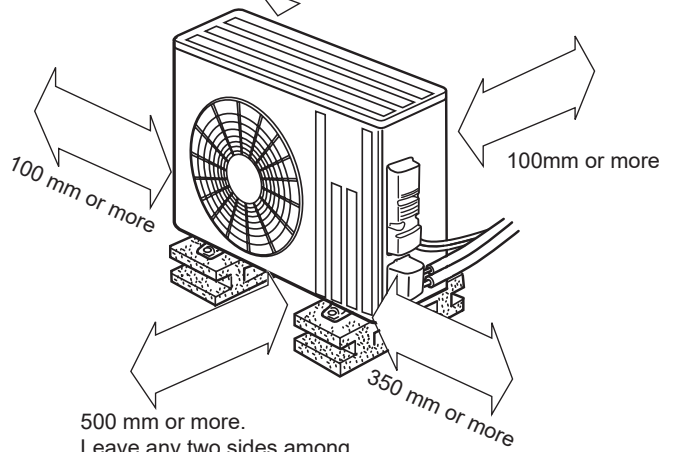
SUZ-SA71VA3
 SUZ-SA100VA2

Unit : mm

OUTDOOR UNIT
 OUTLINES AND DIMENSIONS



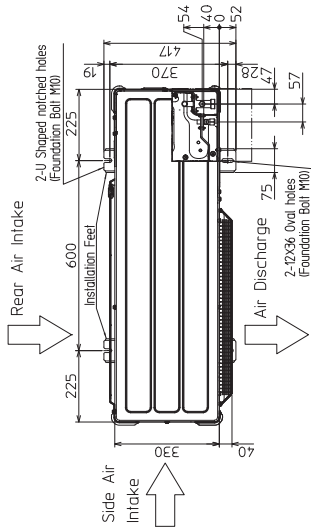
REQUIRED SPACE Basically, leave this space open. Only if front and both sides are open, leave 500 mm at minimum.



5. PUHZ-SP-KA

- PUHZ-SP100YKA
- PUHZ-SP125VKA
- PUHZ-SP125YKA
- PUHZ-SP140VKA
- PUHZ-SP140YKA

Unit : mm

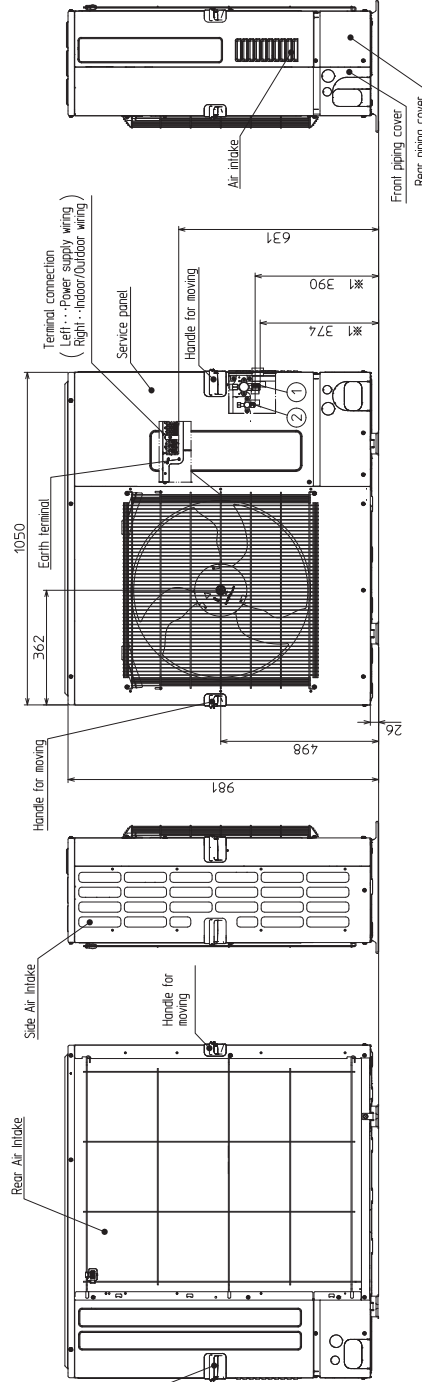


1 FREE SPACE (Around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. Bolts and washers must be purchased locally.

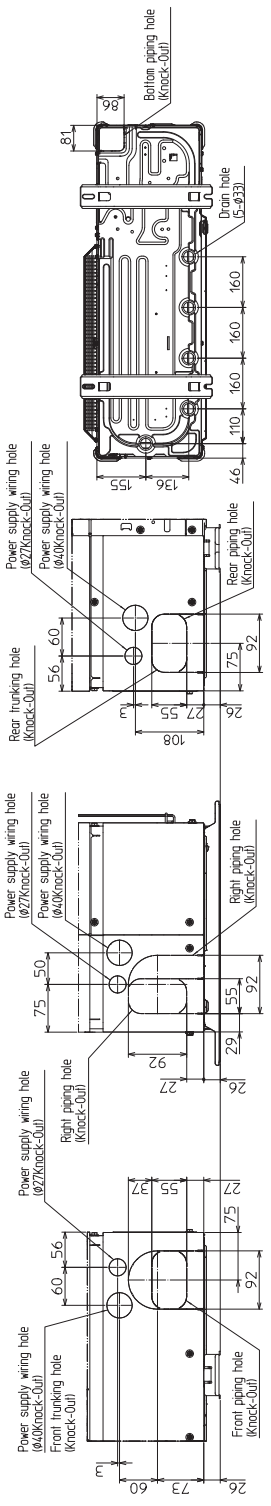
4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: Front/Right/Rear and Below.



Example Of Notes

①... Refrigerant GAS pipe connection (FLARE)φ5.88 (5/8F)
 ②... Refrigerant LIQUID pipe connection (FLARE)φ 9.52 (3/8F)
 #1... Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details



A.8.2 WIRING DIAGRAM

A.8.2.1 R32 type

1. PUZ-ZM•HA2 PUZ-ZM•KA2

PUZ-ZM35VKA2

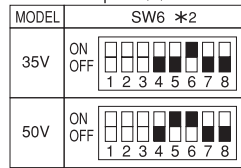
PUZ-ZM50VKA2

[LEGEND]

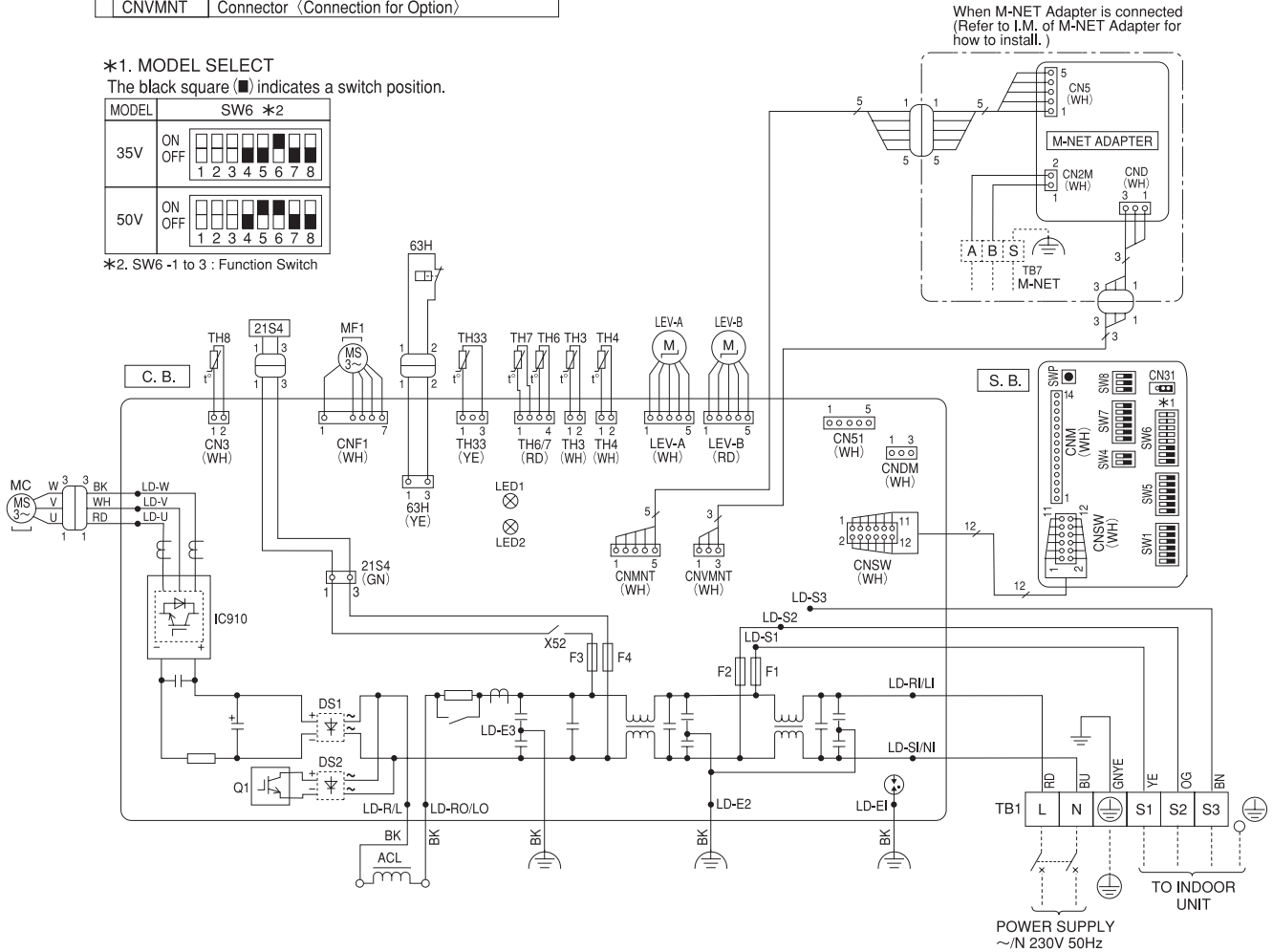
SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	S. B.	Switch Board
MC	Motor for Compressor	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)
MF1	Fan Motor	SW4	Switch (Test Operation)
21S4	Solenoid Valve (4-Way Valve)	SW5	Switch (Function Switch)
63H	High Pressure Switch	SW6	Switch (Model Select)
TH3	Thermistor (Liquid)	SW7	Switch (Function Switch)
TH4	Thermistor (Discharge)	SW8	Switch (Function Switch)
TH6	Thermistor (2-Phase Pipe)	SWP	Switch (Pump Down)
TH7	Thermistor (Ambient)	CN31	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	CNM	Connector (Connection for Option)
TH33	Thermistor (Comp. Surface)	M-NET ADAPTER	
LEV-A, LEV-B	Linear Expansion Valve	TB7	Terminal Block (M-NET connection)
ACL	Reactor	CN5	Connector (Transmission)
C. B.	Controller Circuit Board	CND	Connector (Power Supply)
F1, F2	Fuse (T10AL250V)	CN2M	Connector (M-NET communication)
F3, F4	Fuse (T3.15AL250V)		
CNDM	Connector (Connection for Option)		
CN51	Connector (Connection for Option)		
CNMNT	Connector (Connection for Option)		
CNVMNT	Connector (Connection for Option)		

***1. MODEL SELECT**

The black square (■) indicates a switch position.



*2. SW6 -1 to 3 : Function Switch



When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install.)

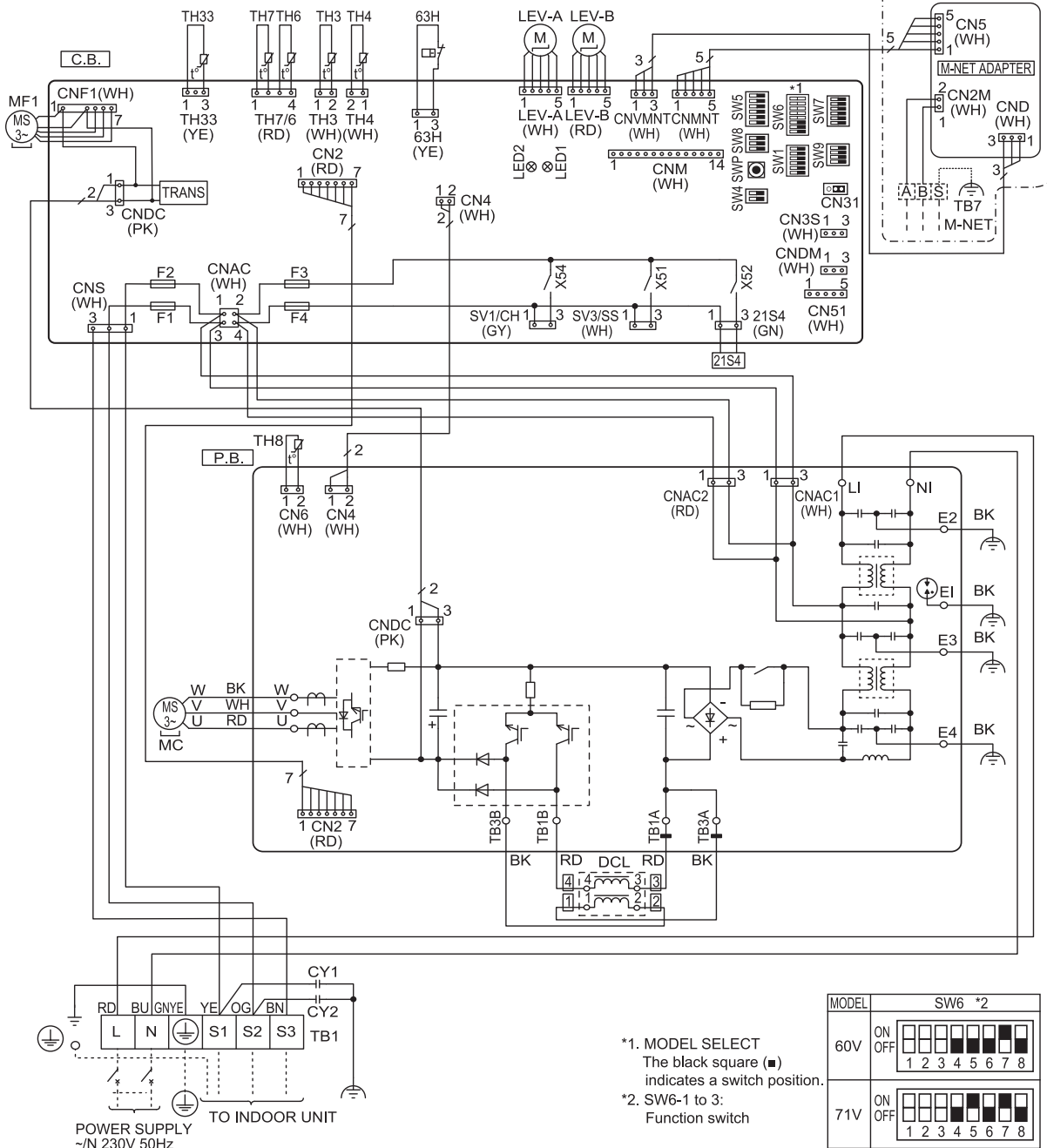
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM60VHA2 PUZ-ZM71VHA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV1/CH	Connector <Connection for Option>
MF1	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	SV3/SS	Connector <Connection for Option>
63H	High Pressure Switch	SW4	Switch <Test Operation>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	SW5	Switch <Function Switch>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW6	Switch <Function Switch>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW7	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH7	Thermistor <Ambient>	SW8	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH8	Thermistor <Heat Sink>	SW9	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
TH33	Thermistor <Comp. Surface>	SWP	Switch <Pump Down>	X51, X52, X54	Relay
LEV-A, LEV-B	Linear Expansion Valve	CN31	Connector <Emergency Operation>		
21S4	Solenoid Valve (4-Way Valve)	CN3S	Connector <Connection for Option>		
CY1, CY2	Capacitor	CNDM	Connector <Connection for Option>		
DCL	Reactor				

When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install. Group is B.)



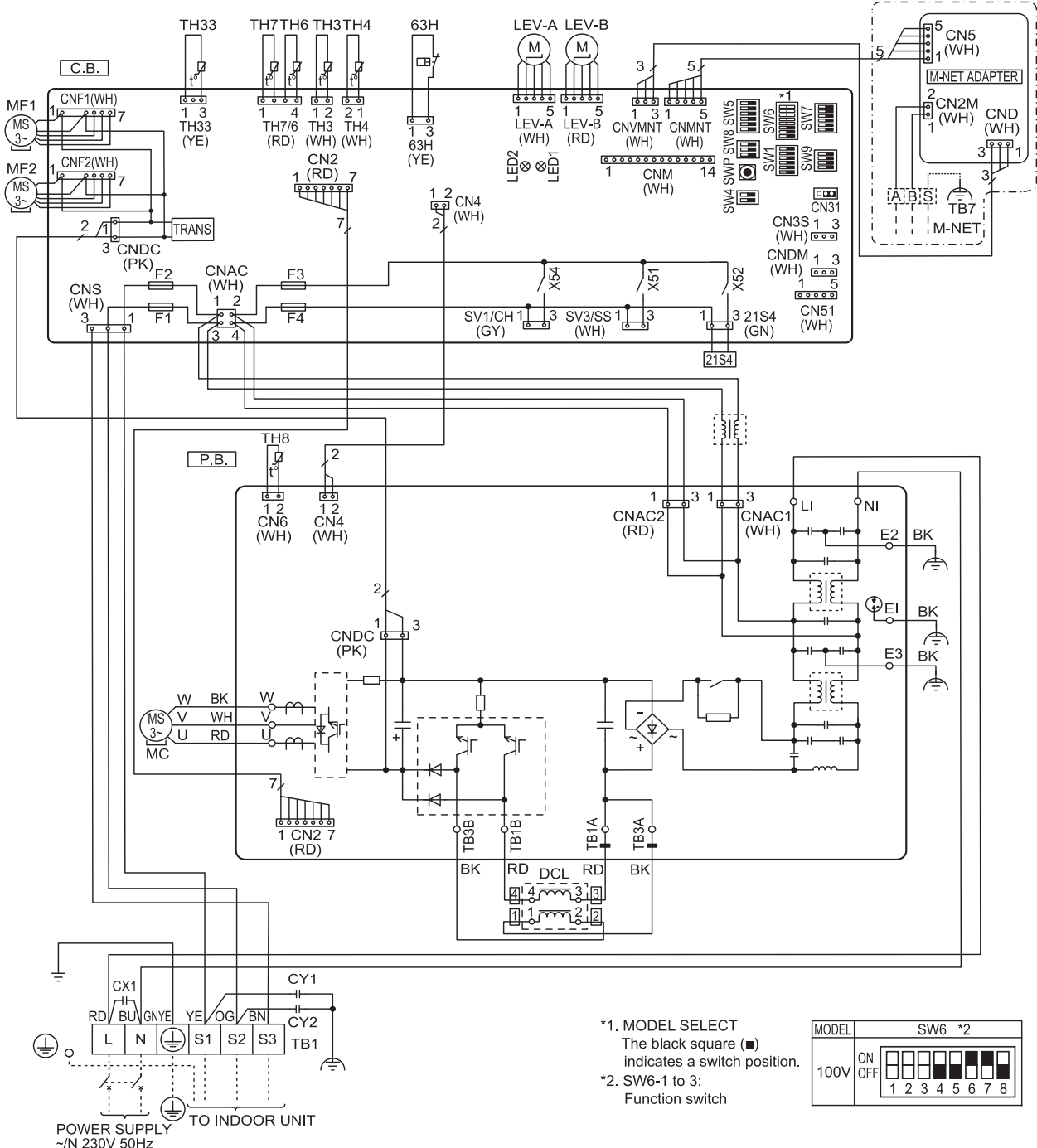
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM100VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	SV1/CH	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV3/SS	Connector <Connection for Option>
MF1, MF2	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
63H	High Pressure Switch	SW4	Switch <Test Operation>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH3	Thermistor <Liquid>	SW5	Switch <Function Switch>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW6	Switch <Model Select>	LED1, LED2	LED <Operation Inspection Indicators>
TH6	Thermistor <2-Phase Pipe>	SW7	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH7	Thermistor <Ambient>	SW8	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
TH8	Thermistor <Heat Sink>	SW9	Switch <Function Switch>	X51, X52, X54	Relay
TH33	Thermistor <Comp. Surface>	SWP	Switch <Pump Down>		
LEV-A, LEV-B	Linear Expansion Valve	CN31	Connector <Emergency Operation>		
21S4	Solenoid Valve (4-Way Valve)	CN3S	Connector <Connection for Option>		
DCL	Reactor	CNDM	Connector <Connection for Option>		
CX1	Capacitor	CN51	Connector <Connection for Option>		
CY1, CY2	Capacitor				

When M-NET Adapter is connected (Refer to LM of M-NET Adapter for how to install. Group is B.)

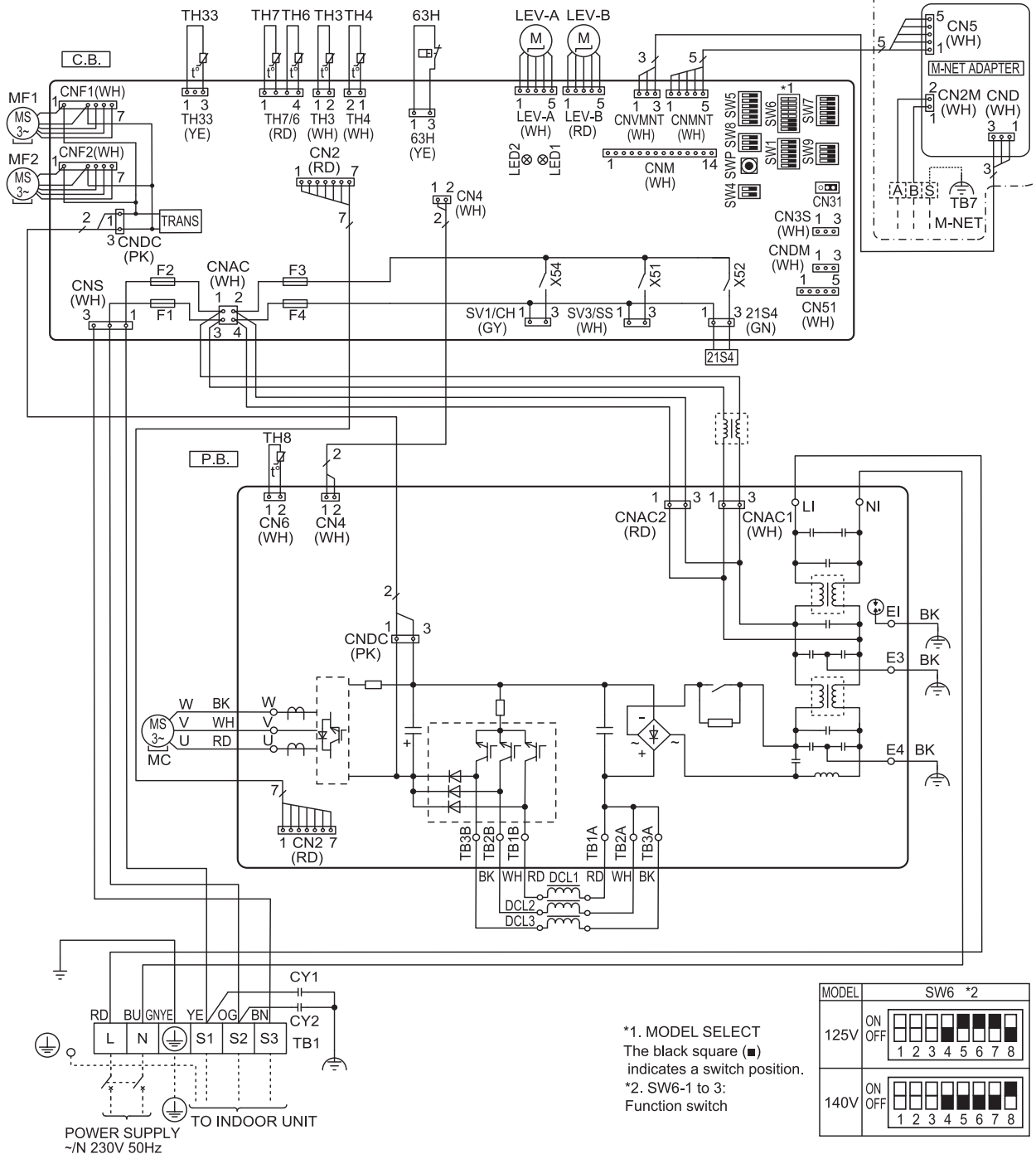


PUZ-ZM125VKA2 PUZ-ZM140VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV1/CH	Connector <Connection for Option>
MF1, MF2	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	SV3/SS	Connector <Connection for Option>
63H	High Pressure Switch	SW4	Switch <Test Operation>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	SW5	Switch <Function Switch>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW6	Switch <Model Select>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW7	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH7	Thermistor <Ambient>	SW8	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH8	Thermistor <Heat Sink>	SW9	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
TH33	Thermistor <Comp. Surface>	SWP	Switch <Pump Down>	X51, X52, X54	Relay
LEV-A, LEV-B	Linear Expansion Valve	CN31	Connector <Emergency Operation>		
21S4	Solenoid Valve (4-Way Valve)	CN3S	Connector <Connection for Option>		
DCL1, DCL2, DCL3	Reactor	CNDM	Connector <Connection for Option>		
CY1, CY2	Capacitor				

When M-NET Adapter is connected (Refer to I.M.of M-NET Adapter for how to install.Group is B.)



OUTDOOR UNIT WIRING DIAGRAM

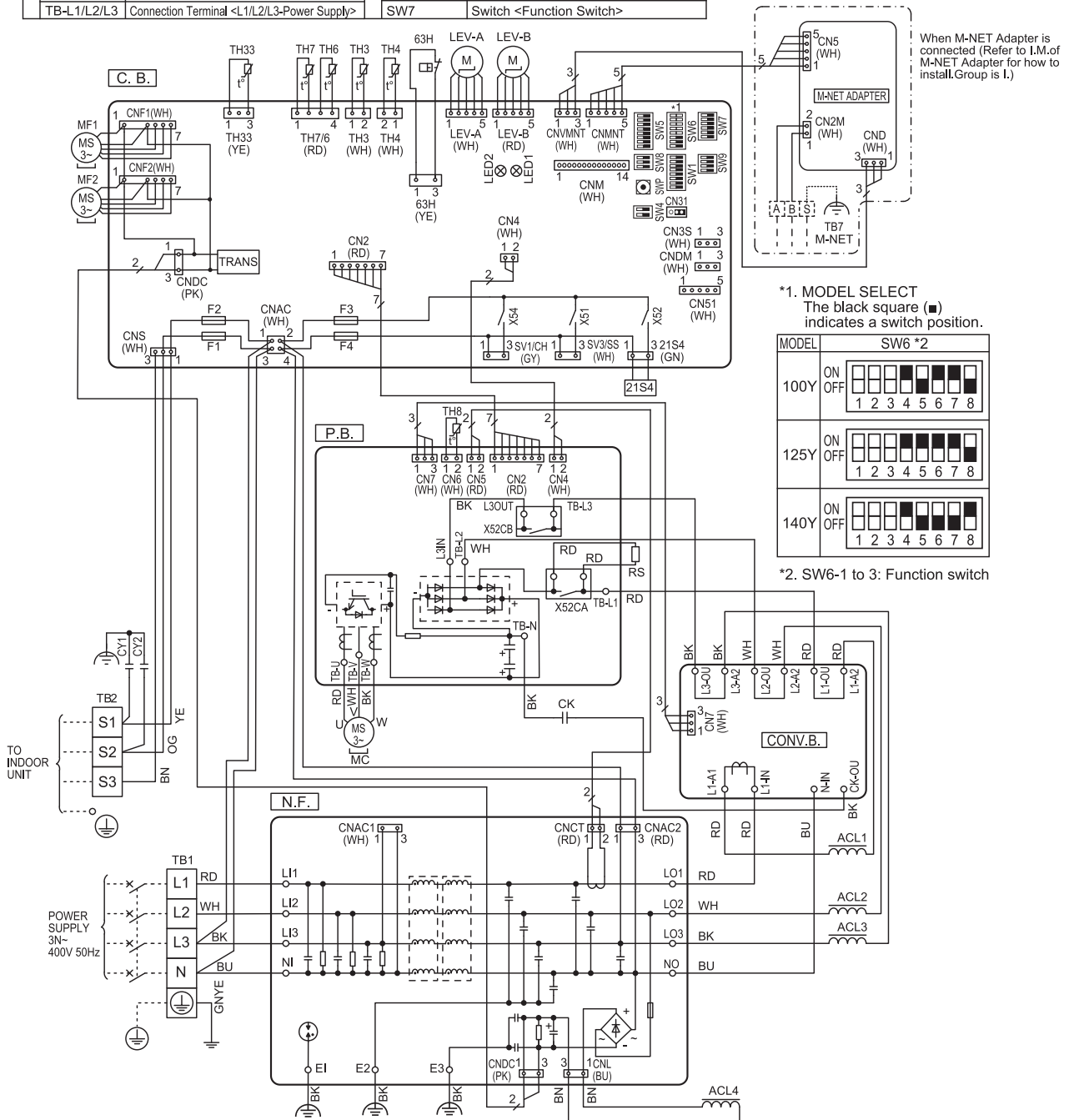
*1. MODEL SELECT
The black square (■) indicates a switch position.
*2. SW6-1 to 3:
Function switch

MODEL	SW6 *2
125V	ON
	OFF
140V	ON
	OFF

PUZ-ZM100YKA2
PUZ-ZM125YKA2
PUZ-ZM140YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TB-N	Connection Terminal	SW8	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	X52CA/B	52C Relay	SW9	Switch <Function Switch>
MC	Motor for Compressor	N.F.	Noise Filter Circuit Board	SWP	Switch <Pump Down>
MF1, MF2	Fan Motor	L11/L12/L13/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	CN31	Connector <Emergency Operation>
63H	High Pressure Switch	L01/L02/L03/NO	Connection Terminal <L1/L2/L3/N-Power Supply>	CN3S	Connector <Connection for Option>
TH3	Thermistor <Liquid>	E1, E2, E3	Connection Terminal <Ground>	CNDM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	CONV.B.	Converter Circuit Board	CN51	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	L1-A1/IN	Connection Terminal <L1-Power Supply>	SV1/CH	Connector <Connection for Option>
TH7	Thermistor <Ambient>	L1-A2/OU	Connection Terminal <L1-Power Supply>	SV3/SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	L2-A2/OU	Connection Terminal <L2-Power Supply>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	L3-A2/OU	Connection Terminal <L3-Power Supply>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A, LEV-B	Linear Expansion Valve	N-IN	Connection Terminal	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
21S4	Solenoid Valve (4-Way Valve)	CK-OU	Connection Terminal	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
ACL1,ACL2,ACL3,ACL4	Reactor	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
CK	Capacitor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	LED1, LED2	LED <Operation Inspection Indicators>
RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>	F1, F2	Fuse <T10AL250V>
CY1, CY2	Capacitor	SW5	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
P.B.	Power Circuit Board	SW6	Switch <Model Select>	X51, X52, X54	Relay
TB-U/V/W	Connection Terminal <U/V/W-Phase>	SW7	Switch <Function Switch>		
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>				



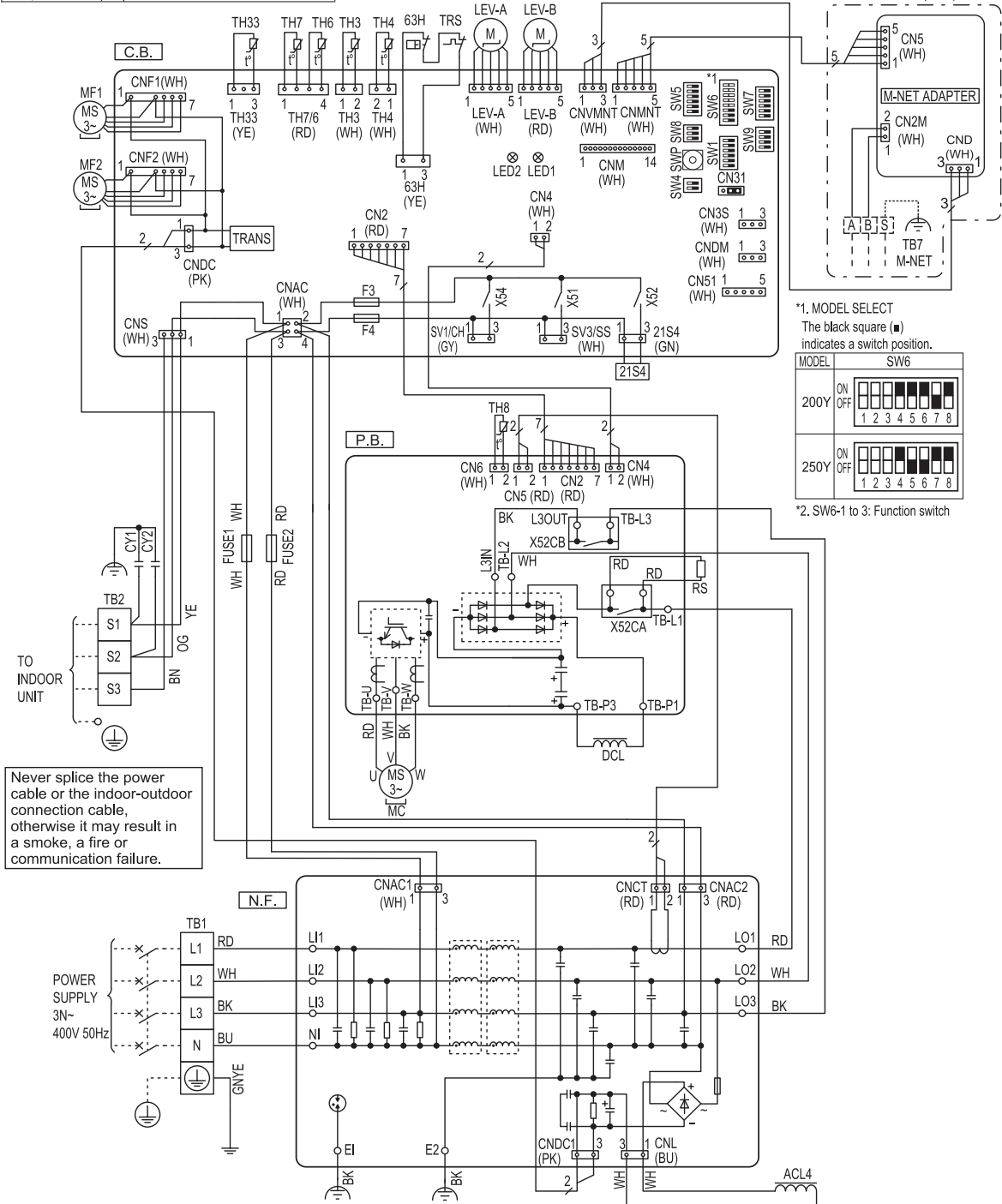
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM200YKA2 PUZ-ZM250YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TRS	Thermal Protector	L1/L2/L3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	EI, E2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SW6	Switch <Model Select>	X51, X52, X54	Relay
ACL4	Reactor	SW7	Switch <Function Switch>		
DCL	Reactor	SW8	Switch <Function Switch>		
RS	Rush Current Protect Resistor				
FUSE1, FUSE2	Fuse <T15AL250V>				
CY1, CY2	Capacitor				

When M-NET adapter is connected (Refer to I.M. of M-net Adapter for how to install. Group is E)



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6
200Y	ON OFF ■ □ □ □ □ □ □ □ 1 2 3 4 5 6 7 8
250Y	ON OFF ■ □ □ □ □ □ □ □ 1 2 3 4 5 6 7 8

*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

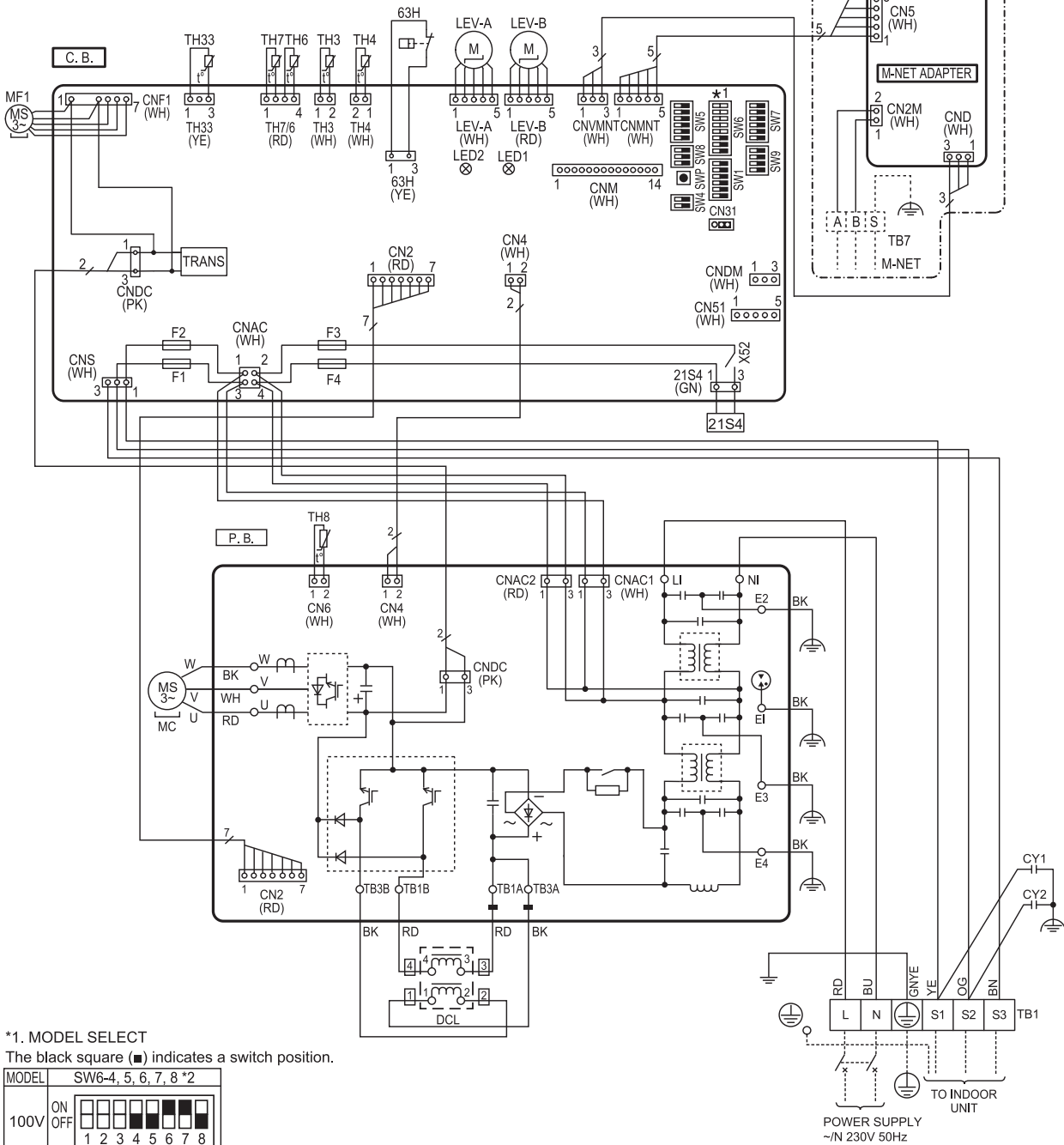
2. PUZ-M•KA2

PUZ-M100VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	SWP	Switch <Pump Down>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>
MF1	Fan Motor	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2,	Fuse <T10AL250V>	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test operation>	CNMVNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch>	X52	Relay
TH8	Thermistor <Heat Sink>	SW6	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW8	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW9	Switch <Function Switch>		
DCL	Reactor				

When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install.Group is G.)



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2																								
100V	<table border="1"> <tr> <td>ON</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> </tr> <tr> <td>OFF</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> </tr> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7 8</td> </tr> </table>	ON	■	■	■	■	■	■	■	OFF	□	□	□	□	□	□	□		1	2	3	4	5	6	7 8
ON	■	■	■	■	■	■	■																		
OFF	□	□	□	□	□	□	□																		
	1	2	3	4	5	6	7 8																		

*2. SW6-1 to 3: Function switch

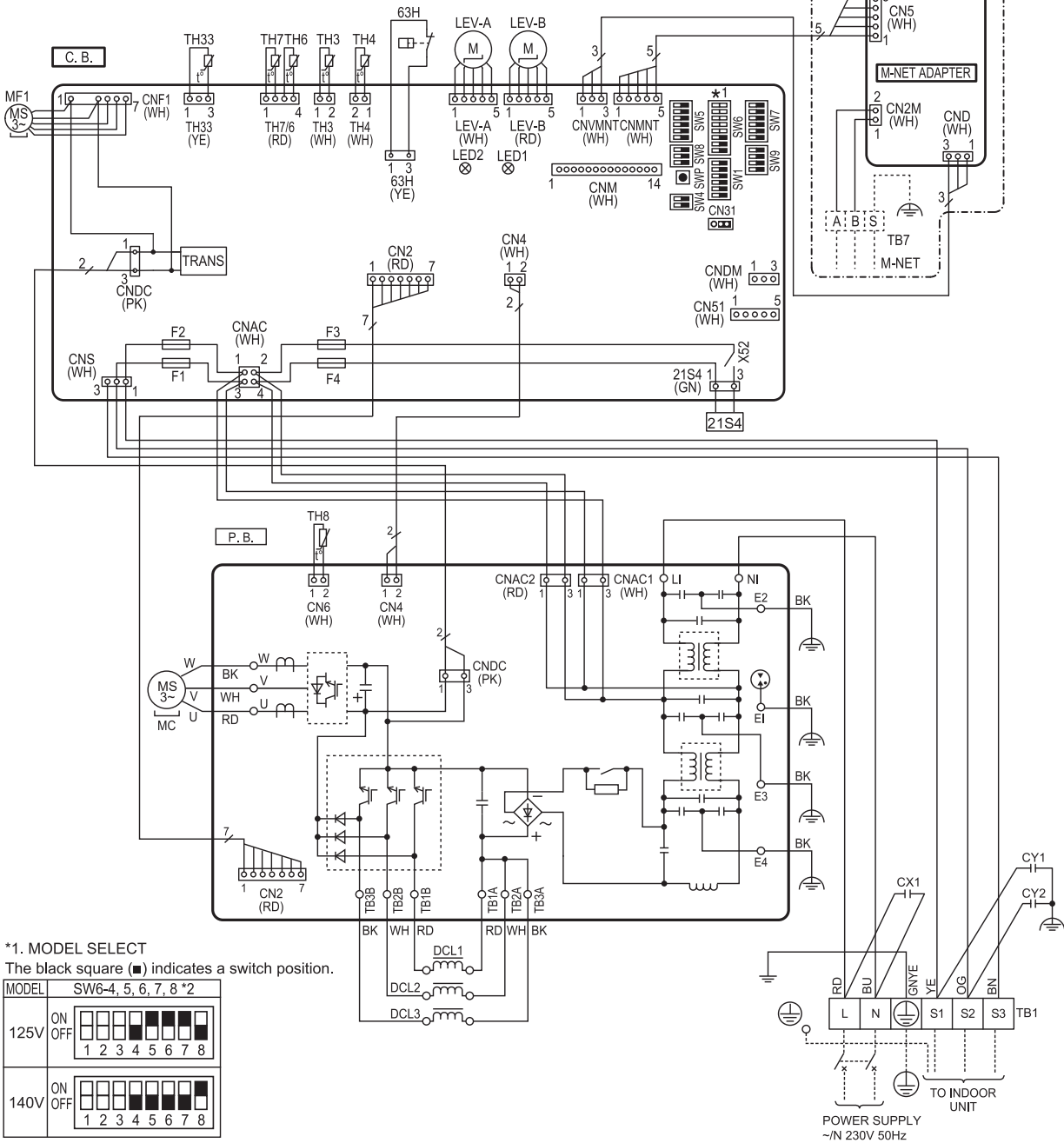
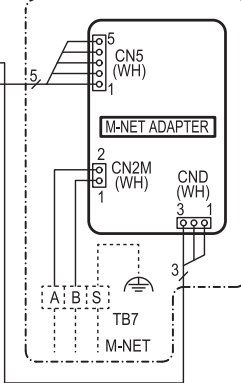
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M125VKA2
PUZ-M140VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	C.B.	Controller Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test operation>	CNMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch>	X52	Relay
TH8	Thermistor <Heat Sink>	SW6	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW8	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW9	Switch <Function Switch>		
DCL1, DCL2, DCL3	Reactor	SWP	Switch <Pump Down>		
CX1	Capacitor				

When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install. Group is G.)



***1. MODEL SELECT**

The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON OFF ■ ■ ■ ■ ■ ■ ■ ■
	1 2 3 4 5 6 7 8
140V	ON OFF ■ ■ ■ ■ ■ ■ ■ ■
	1 2 3 4 5 6 7 8

***2. SW6-1 to 3: Function switch**

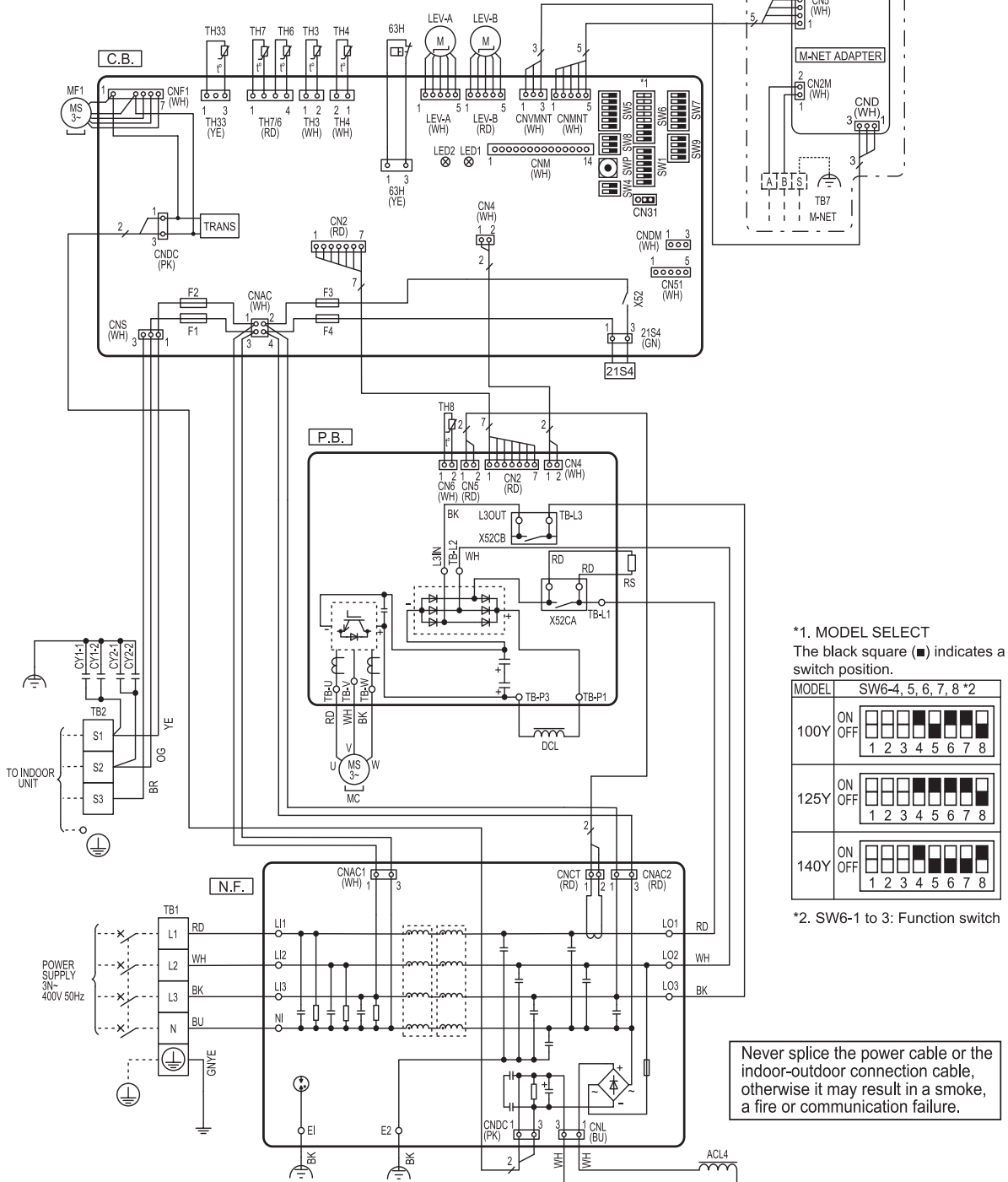
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Resistor	SWP	Switch <Pump Down>
TB2	Terminal Block <Indoor/Outdoor>	CY1-1, CY1-2, CY2-1, CY2-2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	N.F.	Noise Filter Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	C.B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F1, F2	Fuse <T10AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	F3, F4	Fuse <T6.3AL250V>	CNMVNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	X52	Relay
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>		
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>		
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>		
ACL4	Reactor	SW9	Switch <Function Switch>		
DCL	Reactor				

When M-NET Adapter is connected (Refer to I.M.of M-NET Adapter for how to install, Group is G.)



*1. MODEL SELECT
 The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON: [■][■][■][■][■][■][■][■]
	OFF: [] [] [] [] [] [] [] []
125Y	ON: [■][■][■][■][■][■][■][■]
	OFF: [] [] [] [] [] [] [] []
140Y	ON: [■][■][■][■][■][■][■][■]
	OFF: [] [] [] [] [] [] [] []

*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

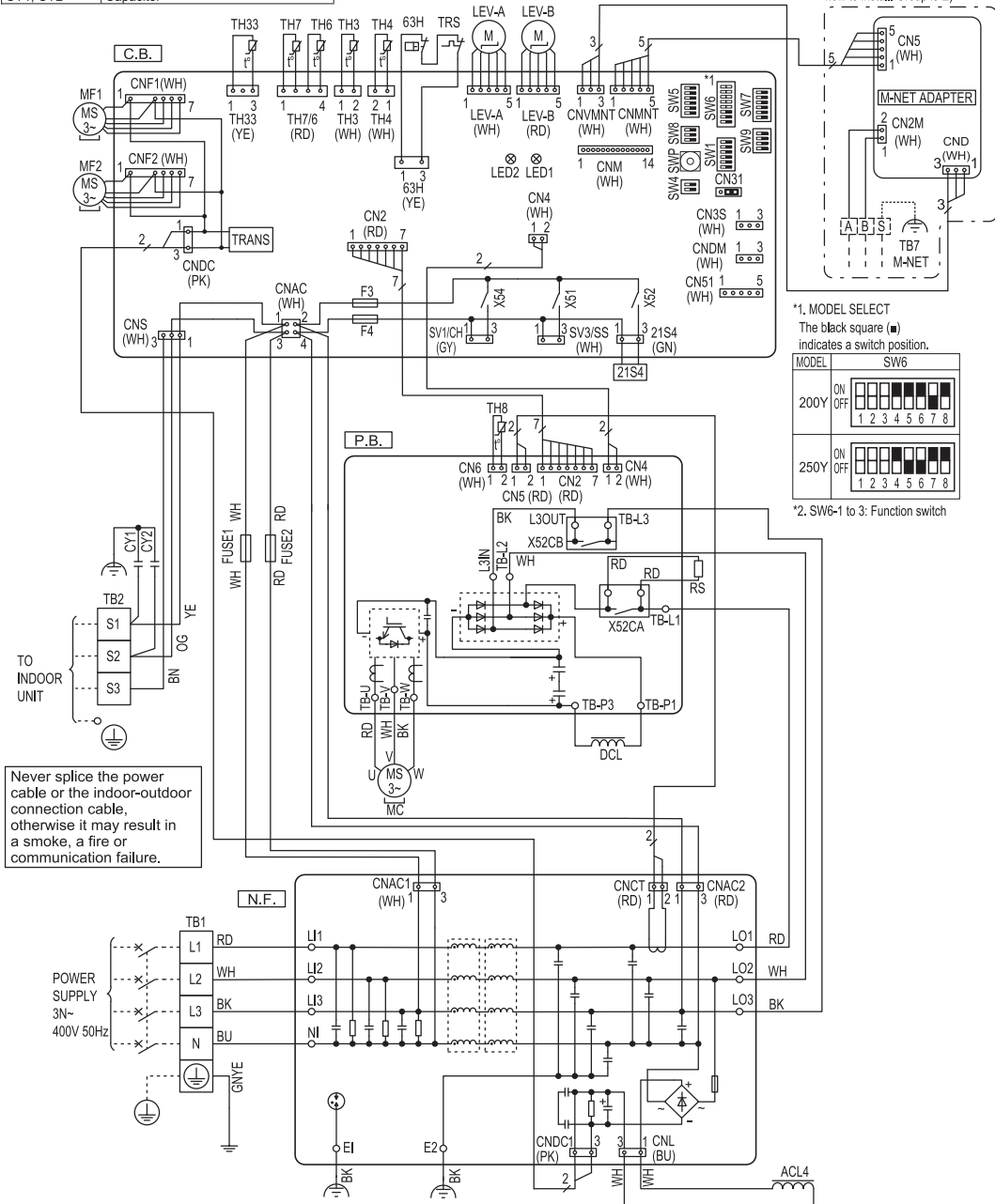
OUTDOOR UNIT WIRING DIAGRAM

PUZ-M200YKA2
PUZ-M250YKA2

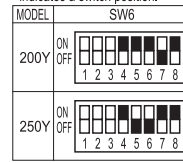
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <L1/U/V-W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TRS	Thermal Protector	LH1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LO1/L02/L03	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	EI, E2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNMVNT	Connector <Connect to Optional M-NET Adapter Board>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SW6	Switch <Model Select>	X51, X52, X54	Relay
ACL4	Reactor	SW7	Switch <Function Switch>		
DCL	Reactor	SW8	Switch <Function Switch>		
RS	Rush Current Protect Resistor				
FUSE1, FUSE2	Fuse <T15AL250V>				
CY1, CY2	Capacitor				

When M-NET adapter is connected (Refer to I.M. of M-net Adapter for how to install. Group is E)



*1. MODEL SELECT
The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

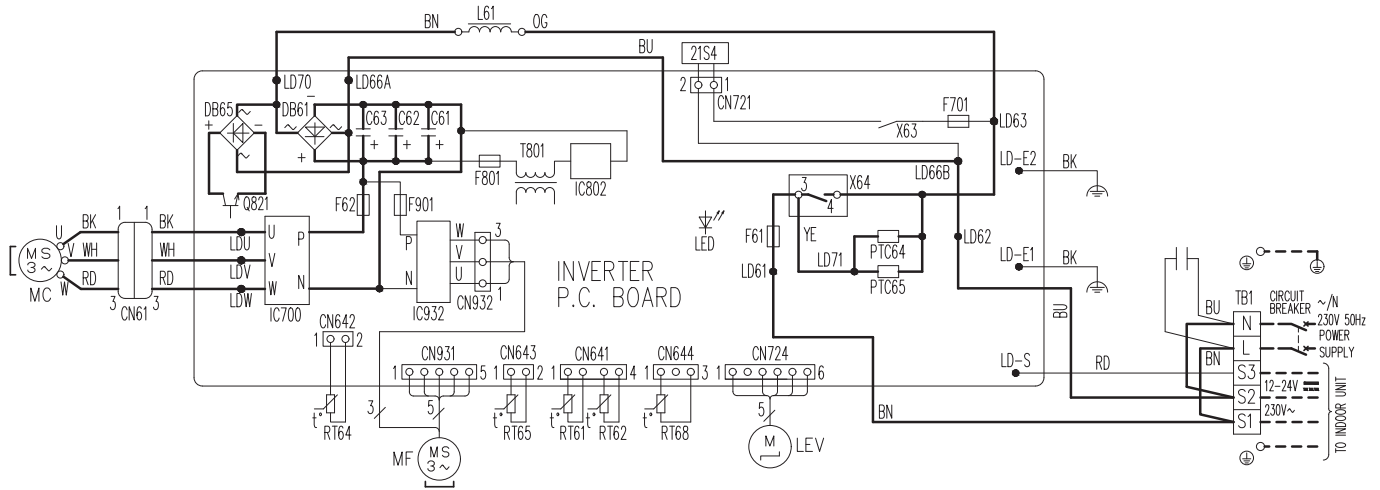
M-NET ADAPTER

[LEGEND]

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

3. SUZ-SM•VA

SUZ-SM35VA

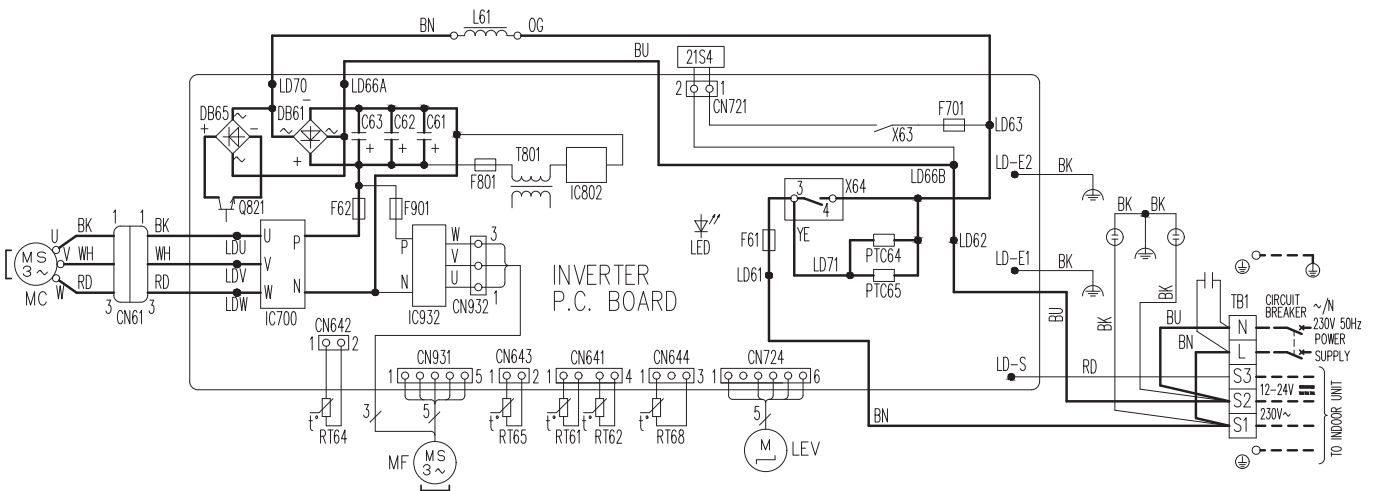


SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61, DB65	DIODE MODULE	MC	COMPRESSOR	TB1	TERMINAL BLOCK
F61	FUSE (25A 250V)	MF	FAN MOTOR	T801	TRANSFORMER
F62	FUSE (15A 250V)	PTC64, PTC65	CIRCUIT PROTECTION	X63, X64	RELAY
F701, F801, F901	FUSE (T3,15A/250V)	Q821	SWITCHING POWER TRANSISTOR	21S4	REVERSING VALVE COIL
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR		
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

- NOTES:
- About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 - Use copper supply wires.
 - Symbols indicate, : Terminal block
 : Connector

OUTDOOR UNIT WIRING DIAGRAM

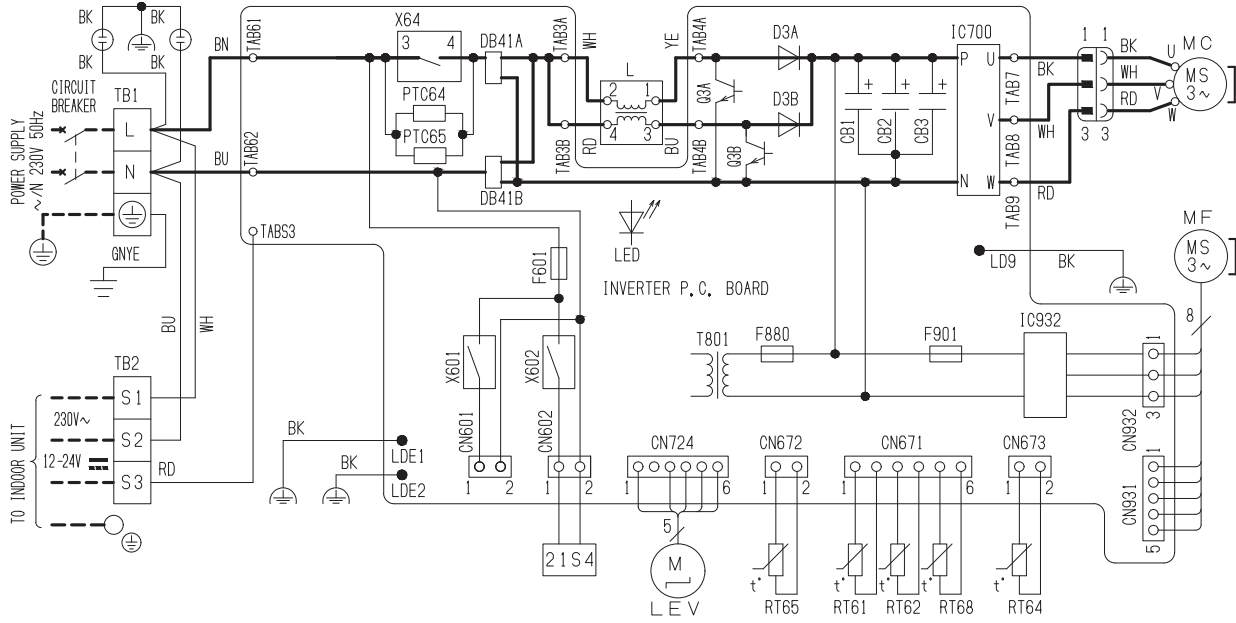
SUZ-SM50VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61, DB65	DIODE MODULE	MC	COMPRESSOR	TB1	TERMINAL BLOCK
F61	FUSE (25A 250V)	MF	FAN MOTOR	T801	TRANSFORMER
F62	FUSE (15A 250V)	PTC64, PTC65	CIRCUIT PROTECTION	X63, X64	RELAY
F701, F801, F901	FUSE (T3,15A/250V)	Q821	SWITCHING POWER TRANSISTOR	21S4	REVERSING VALVE COIL
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR		
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

- NOTES:
- About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 - Use copper supply wires.
 - Symbols indicate, : Terminal block
 : Connector

SUZ-SM60VA

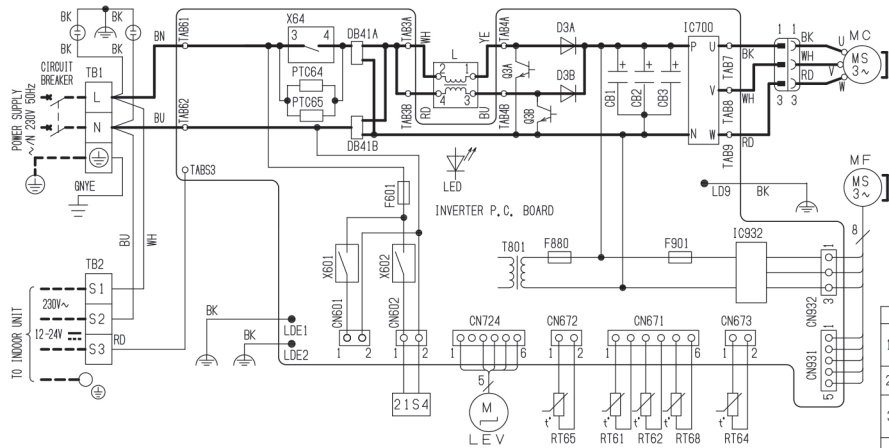


SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1, CB2, CB3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
DB41A, DB41B	DIODE MODULE	LED	LED	RT62	DISCHARGE TEMP. THERMISTOR	X64	RELAY
D3A, D3B	DIODE	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP. THERMISTOR	X601, X602	RELAY
F601	FUSE (T3, 15A/250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F880	FUSE (T3, 15A/250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3, 15A/250V)	PTC64, PTC65	CIRCUIT PROTECTION				
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 2. Use copper supply wires.
 3. Symbols indicate, □ □ □ : Terminal block ⊙ ⊙ ⊙ : Connector

OUTDOOR UNIT WIRING DIAGRAM

SUZ-SM71VA



Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between P (+) and N (-) terminals of IC700 when measured with a tester ten minutes after the power has been turned off. Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its sometimes charging part (not only the electrolytic capacitor), resulting in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P (+) and N (-) terminals of IC700 with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

Item	Symptom	Check point	
1	Power supply	There is no 230V AC power between terminals (L) and (N). The fuse has blown.	Check the power supply cable. Replace the INVERTER P.C. BOARD.
2	Fuse	There is no 325V DC Power between pins P (+) and N (-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
3	Power for main circuit	AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the INVERTER P.C. BOARD.
4	Inverter output	LED display	Normal
5	while compressor is not in operation,	Lit Flashing Goes out	Abnormality or stop due to protective function (refer to "Troubleshootings When LED Blinks" shown below.) Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

* For details, refer to the appropriate service manual.

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1, CB2, CB3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
DB41A, DB41B	DIODE MODULE	LED	LED	RT62	DISCHARGE TEMP. THERMISTOR	X64	RELAY
D3A, D3B	DIODE	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP. THERMISTOR	X601, X602	RELAY
F601	FUSE (T3, 15A/250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F880	FUSE (T3, 15A/250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3, 15A/250V)	PTC64, PTC65	CIRCUIT PROTECTION				
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the Indoor side electric wiring, refer to the Indoor unit electric wiring diagram for servicing.
2. Use copper supply wires.
3. Symbols indicate, □: Terminal block ○: Connector

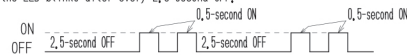
Troubleshootings When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1, Check outdoor INVERTER P.C. BOARD 2, Reconnect compressor connector 3, Check compressor 4, Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1, Check outdoor INVERTER P.C. BOARD 2, Reconnect compressor connector 3, Check compressor 4, Check stop valve
3 times	Protection for overheat of discharge temperature	1, Charge refrigerant 2, Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1, Check air circulation in outdoor unit (short cycle) 2, Check outdoor fan motor 3, Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1, Check refrigerant circuit (clogging etc.) 2, Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1, Reconnect compressor connector 2, Check compressor 3, Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1, Reconnect connectors for fan motor 2, Check outdoor INVERTER P.C. BOARD 3, Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1, Check reversing valve 2, Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	1, Refer to SERVICE MANUAL

The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.

[Example] Blinking frequency is "Twice".



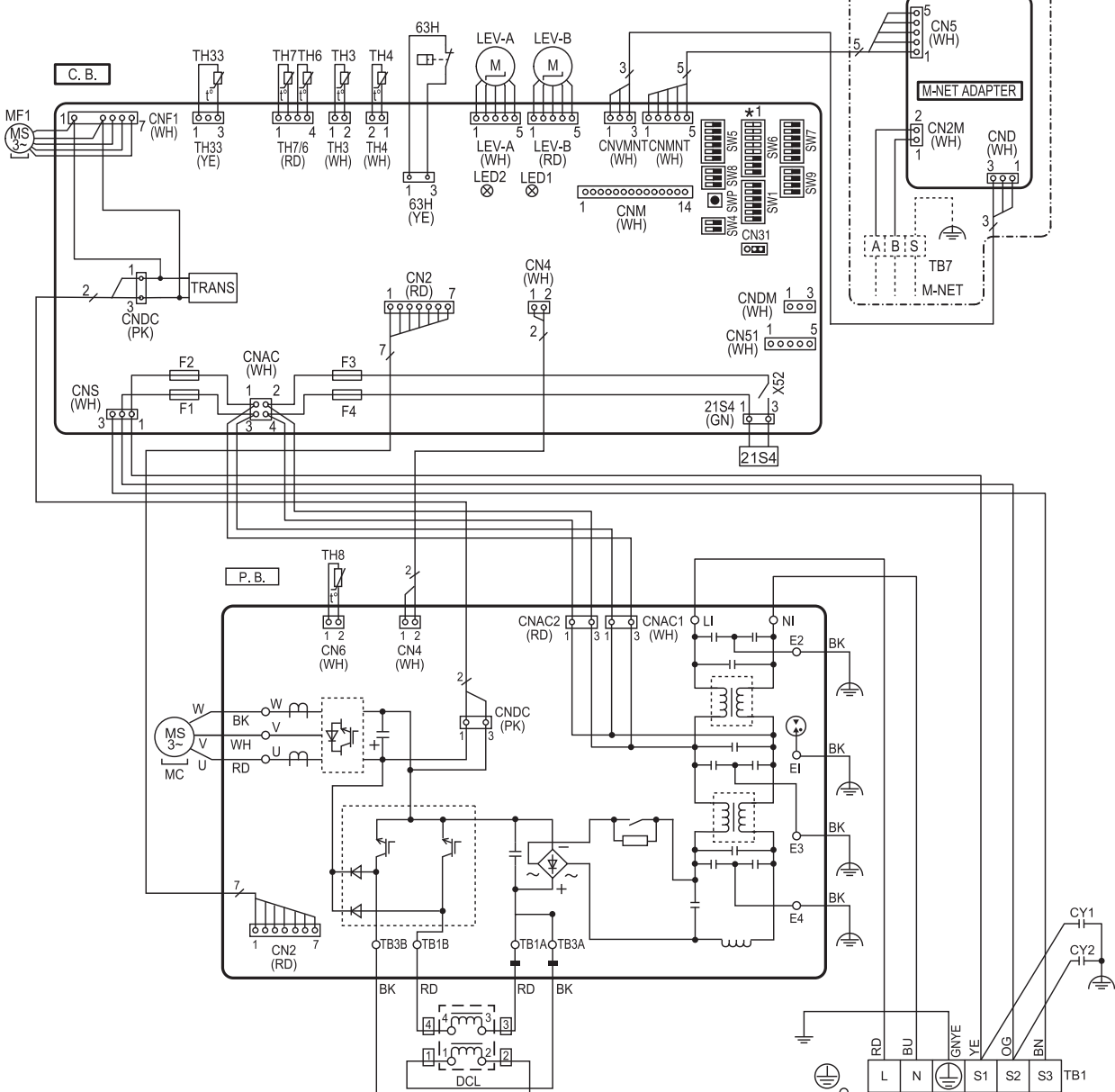
4. PUZ-SM•KA2

PUZ-SM100VKA2

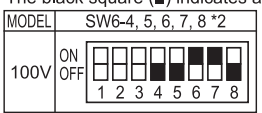
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	SWP	Switch <Pump Down>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>
MF1	Fan Motor	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test operation>	CNVMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch>	X52	Relay
TH8	Thermistor <Heat Sink>	SW6	Switch <Model Select>		
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW8	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW9	Switch <Function Switch>		
DCL	Reactor				

When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install. Group is G.)



*1. MODEL SELECT
The black square (■) indicates a switch position.



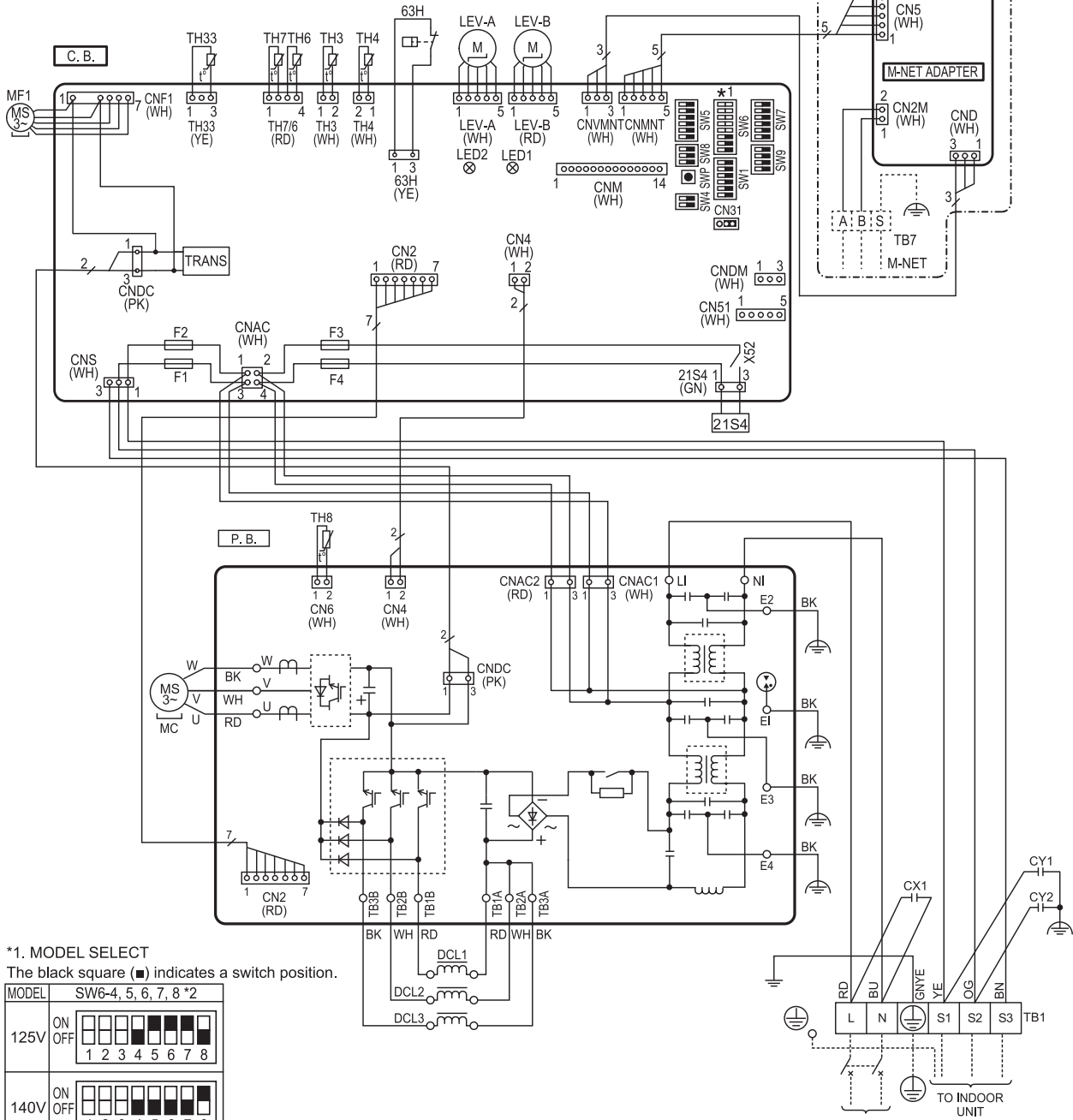
*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-SM125VKA2
PUZ-SM140VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	C.B.	Controller Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test operation>	CNVMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch>	X52	Relay
TH8	Thermistor <Heat Sink>	SW6	Switch <Model Select>		
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW8	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW9	Switch <Function Switch>		
DCL1, DCL2, DCL3	Reactor	SWP	Switch <Pump Down>		
CX1	Capacitor				



OUTDOOR UNIT
WIRING DIAGRAM

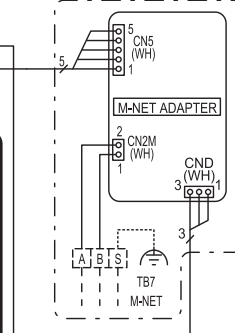
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-SM100YKA2
PUZ-SM125YKA2
PUZ-SM140YKA2

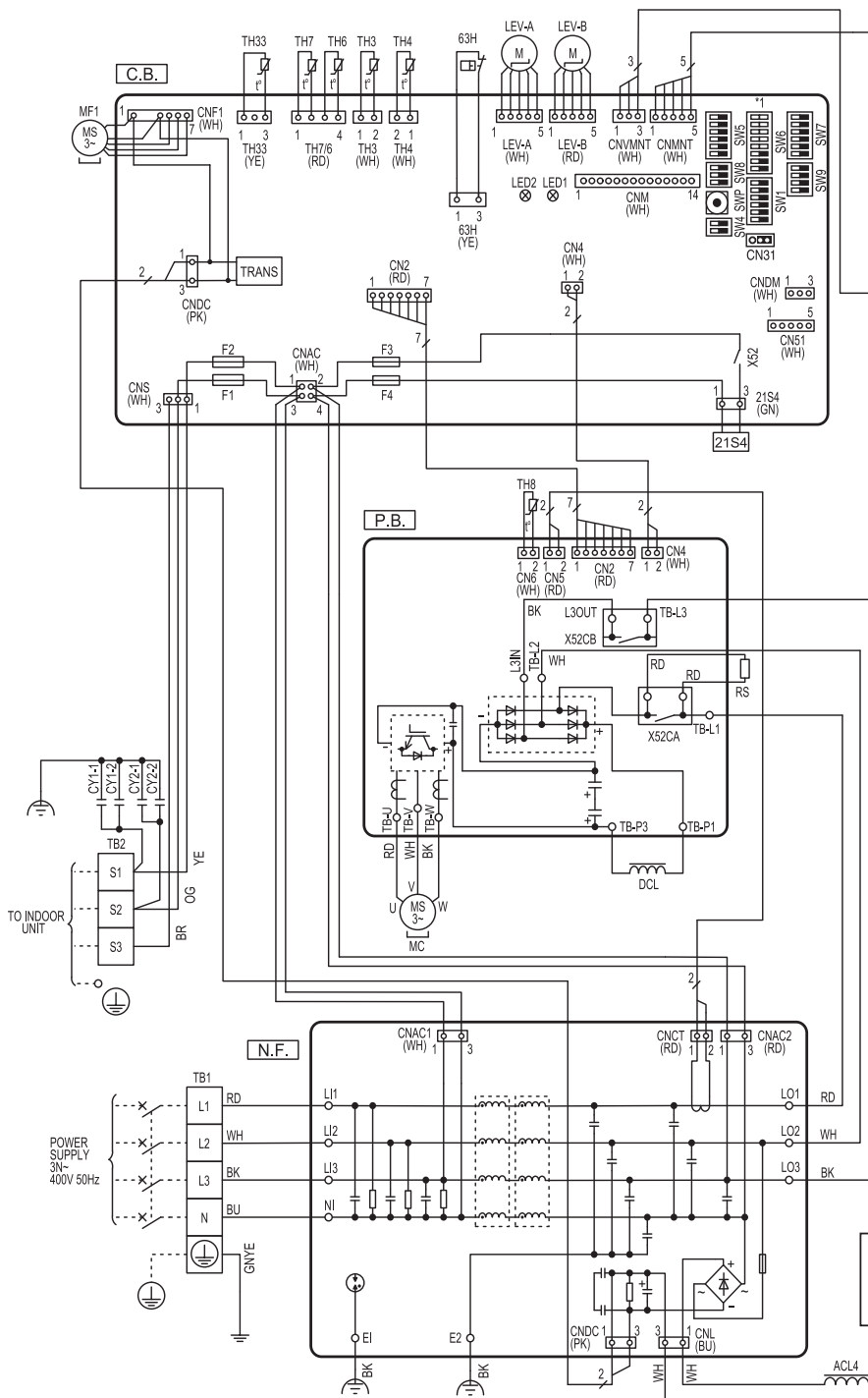
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Resistor	SWP	Switch <Pump Down>
TB2	Terminal Block <Indoor/Outdoor>	CY1-1, CY1-2, CY2-1, CY2-2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	N.F.	Noise Filter Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	C.B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F1, F2	Fuse <T10AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	F3, F4	Fuse <T6.3AL250V>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>	CNMNT	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>	CNMNT	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>	CNMNT	Connector <Connection for Option>
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>	CNMNT	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>	CNMNT	Connector <Connection for Option>
ACL4	Reactor	SW9	Switch <Function Switch>	X52	Relay
DCL	Reactor				

When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install. Group is G.)



OUTDOOR UNIT WIRING DIAGRAM



*1. MODEL SELECT
 The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON OFF ■ ■ ■ ■ ■ ■ ■ ■ 1 2 3 4 5 6 7 8
125Y	ON OFF ■ ■ ■ ■ ■ ■ ■ ■ 1 2 3 4 5 6 7 8
140Y	ON OFF ■ ■ ■ ■ ■ ■ ■ ■ 1 2 3 4 5 6 7 8

*2. SW6-1 to 3: Function switch

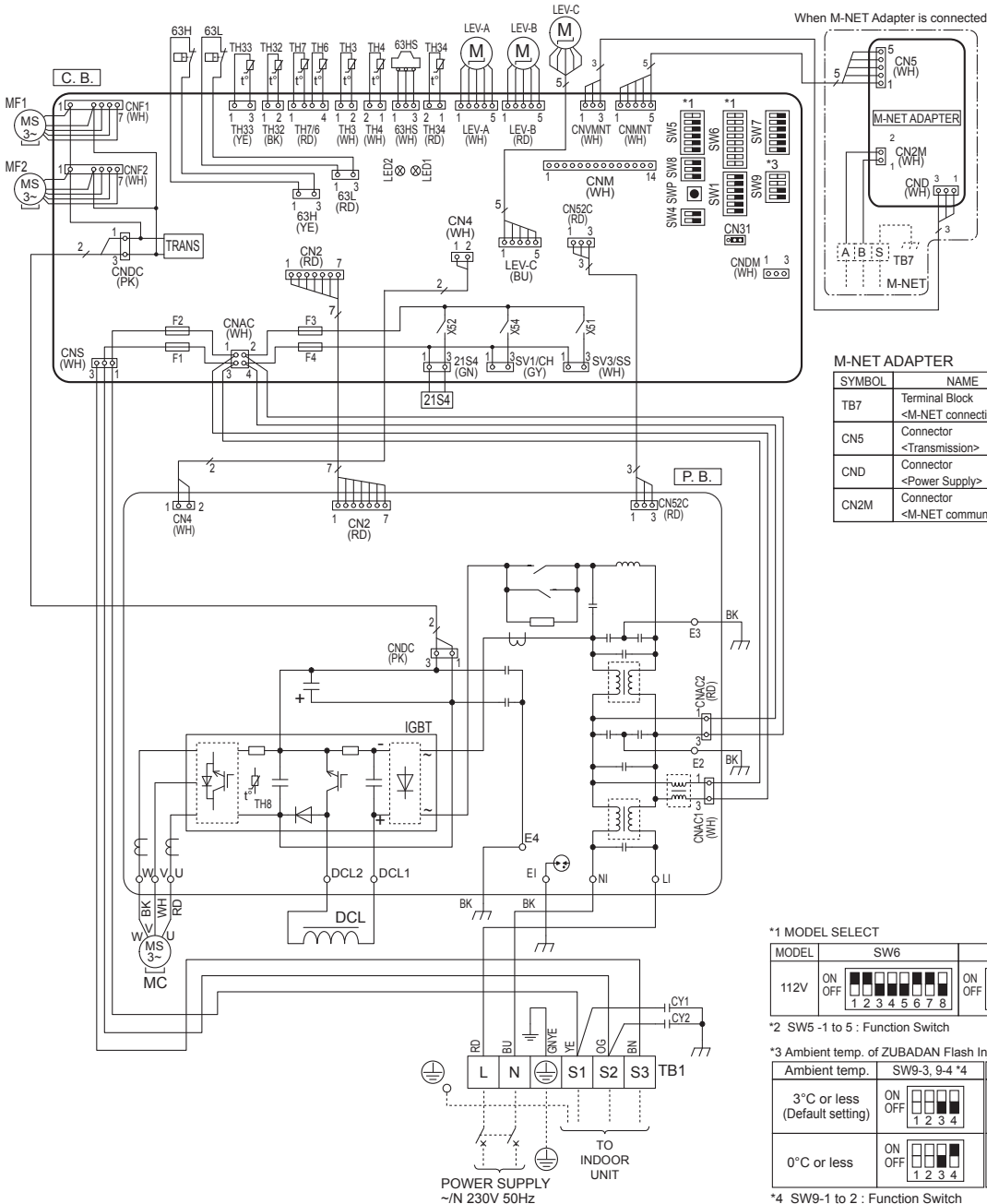
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

A.8.2.2 R410A type

1. PUHZ-SHW•HA PUHZ-SHW•KA

PUHZ-SHW112VHA(-BS)

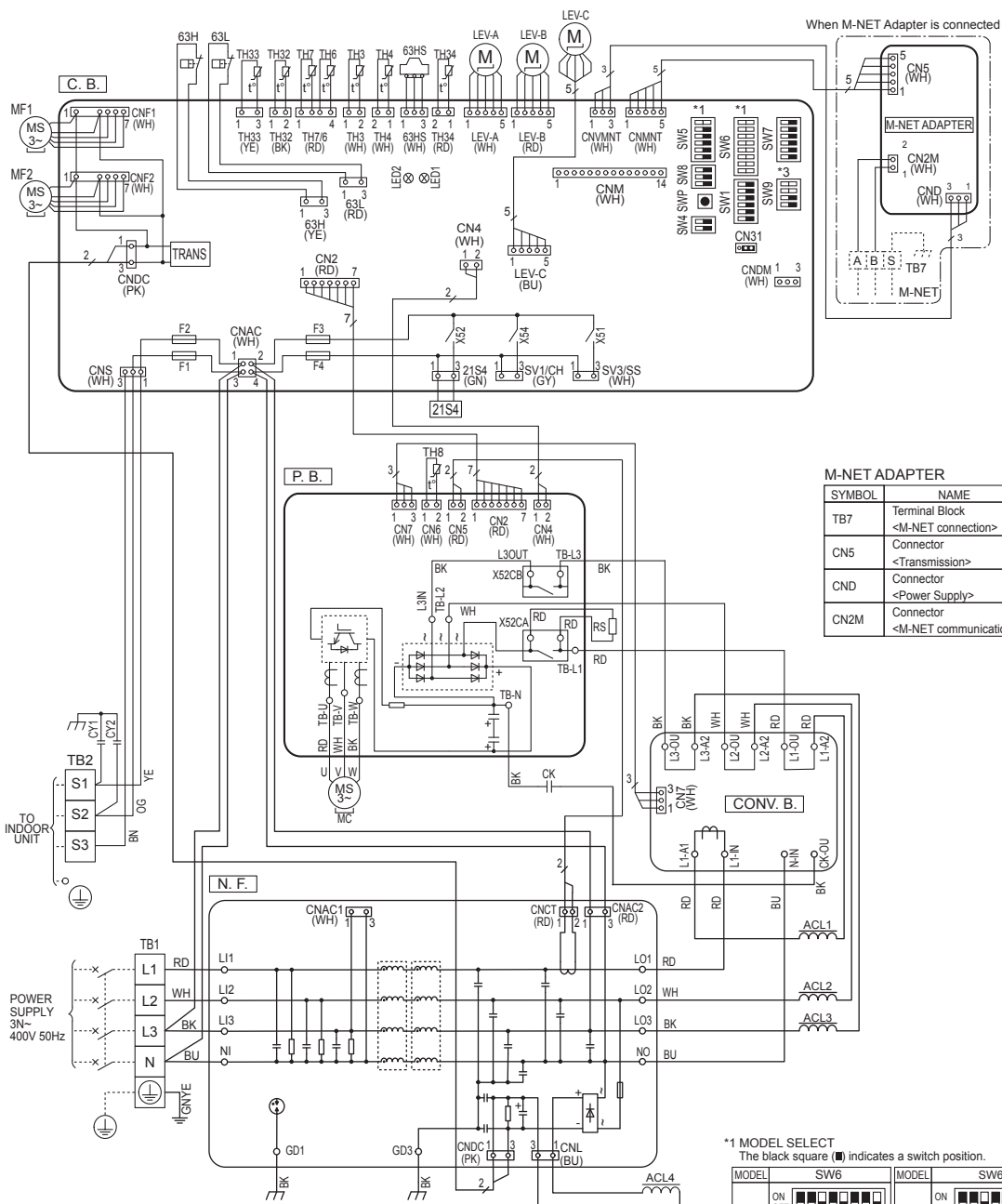
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	TH32	Thermistor <Suction>	SW7	Switch <Function Switch>
MC	Motor for Compressor	TH33	Thermistor <Ref. check>	SW8	Switch <Function Switch>
MF1, MF2	Fan Motor	TH34	Thermistor <Comp. Surface>	SW9	Switch <Function Switch>
21S4	Solenoid Valve (4-Way Valve)	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SWP	Switch <Pump Down>
63H	High Pressure Switch	DCL	Reactor	CN31	Connector <Emergency Operation>
63L	Low Pressure Switch	CY1, CY2	Capacitor	CNDM	Connector <Connection for Option>
63HS	High Pressure Sensor	P. B.	Power Circuit Board	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	C. B.	Controller Circuit Board	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test Operation>	F1, F2, F3, F4	Fuse <T6.3AL250V>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch, Model Select>		
TH8	Thermistor internal <Heat Sink>	SW6	Switch <Model Select>		



OUTDOOR UNIT WIRING DIAGRAM

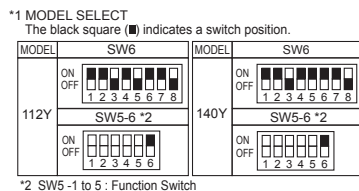
PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TH33	Thermistor <Ref. check>	SW5	Switch <Function Switch, Model Select>
TB2	Terminal Block <Indoor/Outdoor>	TH34	Thermistor <Comp. Surface>	SW6	Switch <Model Select>
MC	Motor for Compressor	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW7	Switch <Function Switch>
MF1, MF2	Fan Motor	ACL1, ACL2, ACL3, ACL4	Reactor	SW8	Switch <Function Switch>
21S4	Solenoid Valve (4-Way Valve)	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
63H	High Pressure Switch	CK	Capacitor	SWP	Switch <Pump Down>
63L	Low Pressure Switch	RS	Rush Current Protect Resistor	CN31	Connector <Emergency Operation>
63HS	High Pressure Sensor	P. B.	Power Circuit Board	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	N. F.	Noise Filter Circuit Board	SV1/CH	Connector <Connection for Option>
TH4	Thermistor <Discharge>	CONV. B.	Converter Circuit Board	SV3/SS	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C. B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse <T6.3AL250V>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>		
TH32	Thermistor <Suction>				



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>



*3 Ambient temp. of ZUBADAN Flash Injection becomes effective. The black square (■) indicates a switch position.

Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4
3°C or less (Default setting)	ON OFF ■ 1 2 3 4	0°C or less	ON OFF ■ 1 2 3 4	-3°C or less	ON OFF ■ 1 2 3 4	-6°C or less	ON OFF ■ 1 2 3 4

*4 SW9-1 to 2 : Function Switch

*2 SW5 -1 to 5 : Function Switch

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-SHW230YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply)	TH34	Thermistor (Comp. Surface)	SW5	Switch (Function Switch, Model Select)
TB2	Terminal Block (Indoor/Outdoor)	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW6	Switch (Model Select)
MC	Motor for Compressor	ACL4	Reactor	SW7	Switch (Function Switch)
MF1, MF2	Fan Motor	DCL	Reactor	SW8	Switch (Function Switch)
21S4	Solenoid Valve (4-Way Valve)	RS	Rush Current Protect Resistor	SW9	Switch (Function Switch)
63H	High Pressure Switch	FUSE1, FUSE2	Fuse (T15AL250V)	SWP	Switch (Pump Down)
63L	Low Pressure Switch	CY1, CY2	Capacitor	CN31	Connector (Emergency Operation)
63HS	High Pressure Sensor	P. B.	Power Circuit Board	F3, F4	Fuse (T6.3AL250V)
TH3	Thermistor (Liquid)	N. F.	Noise Filter Circuit Board	SV1/CH	Connector (Connection for Option)
TH4	Thermistor (Discharge)	F1	Fuse (T6.3AL250V)	SV3/SS	Connector (Connection for Option)
TH6	Thermistor (2-Phase Pipe)	C. B.	Controller Circuit Board	CNM	Connector (Connection for Option)
TH7	Thermistor (Ambient)	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)	CNMNT	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	SW4	Switch (Function Switch)	CNMNT	Connector (Connection for Option)
TH32	Thermistor (Suction)			CNDM	Connector (Connection for Option)

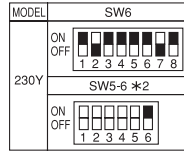
M-NET ADAPTER

[LEGEND]

SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

*1 MODEL SELECT

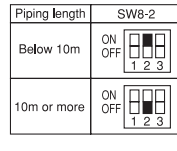
The black square (■) indicates a switch position.



*2 SW5-1 to 5 : Function Switch.

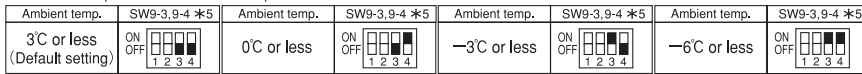
*3 Piping length select

The black square (■) indicates a switch position.

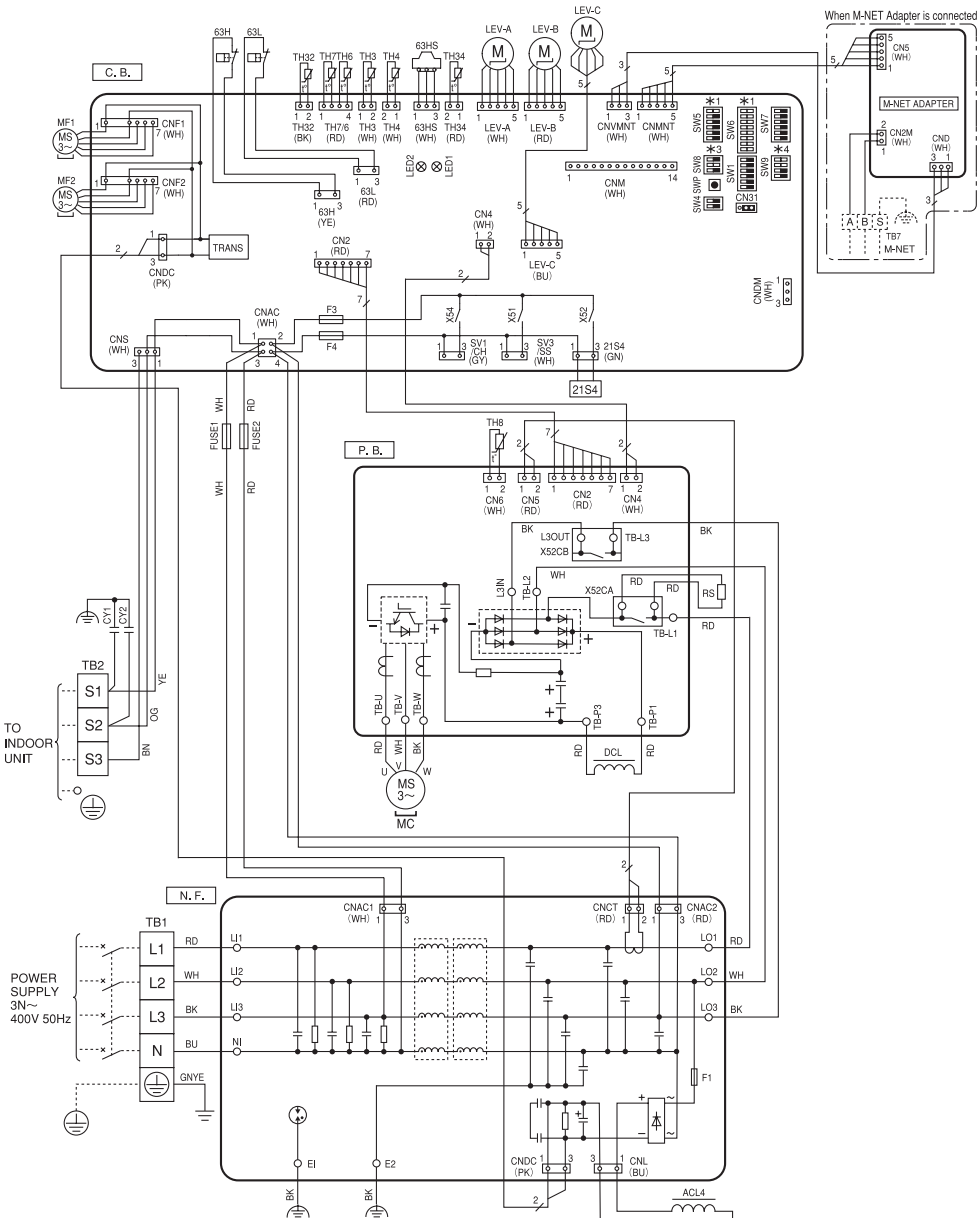


*4 Ambient temp. of ZUBADAN Flash Injection becomes effective.

The black square (■) indicates a switch position.



*5 SW9-1 to 2 : Function Switch



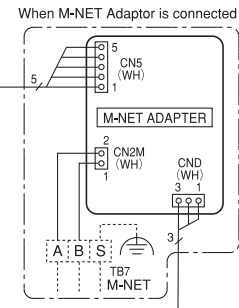
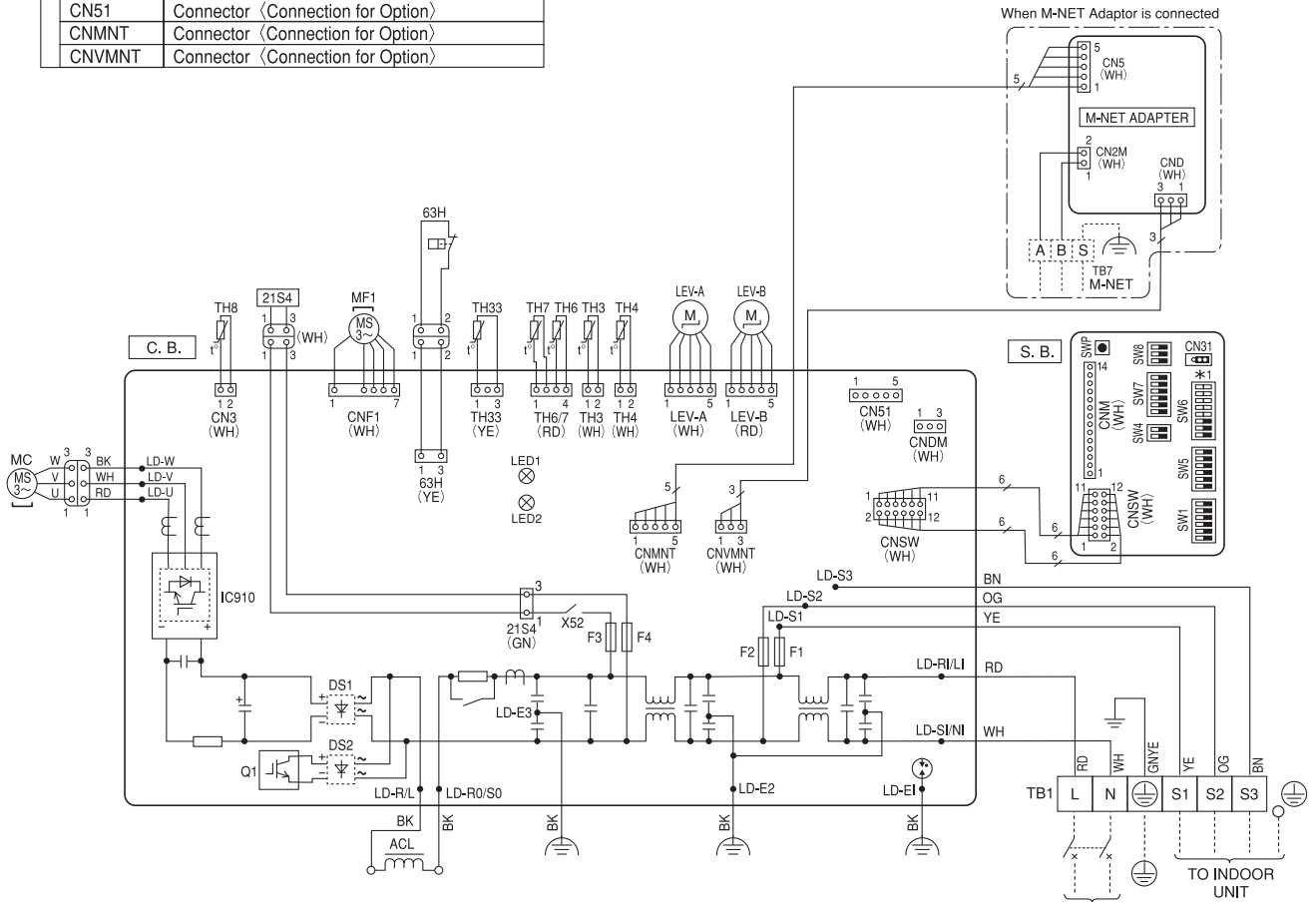
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

2. PUHZ-ZRP•HA2, KA2(3)

PUHZ-ZRP35VKA2 PUHZ-ZRP50VKA2

SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	S. B.	Switch Board
MC	Motor for Compressor	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)
MF1	Fan Motor	SW4	Switch (Test Operation)
21S4	Solenoid Valve (4-Way Valve)	SW5	Switch (Function Switch)
63H	High Pressure Switch	SW6	Switch (Model Select)
TH3	Thermistor (Liquid)	SW7	Switch (Function Switch)
TH4	Thermistor (Discharge)	SW8	Switch (Function Switch)
TH6	Thermistor (2-Phase Pipe)	SWP	Switch (Pump Down)
TH7	Thermistor (Ambient)	CN31	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	CNM	Connector (Connection for Option)
TH33	Thermistor (Comp. Surface)		
LEV-A, LEV-B	Linear Expansion Valve		
ACL	Reactor		
C. B.	Controller Circuit Board		
F1, F2	Fuse (T10AL250V)		
F3, F4	Fuse (T3.15AL250V)		
CNDM	Connector (Connection for Option)		
CN51	Connector (Connection for Option)		
CNMNT	Connector (Connection for Option)		
CNVMNT	Connector (Connection for Option)		



*1. MODEL SELECT
■ is the switch position

MODEL	SW6 *2
35V	ON <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
50V	ON <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

*2. SW6-1 to 3 : Function Switch

M-NET ADAPTER

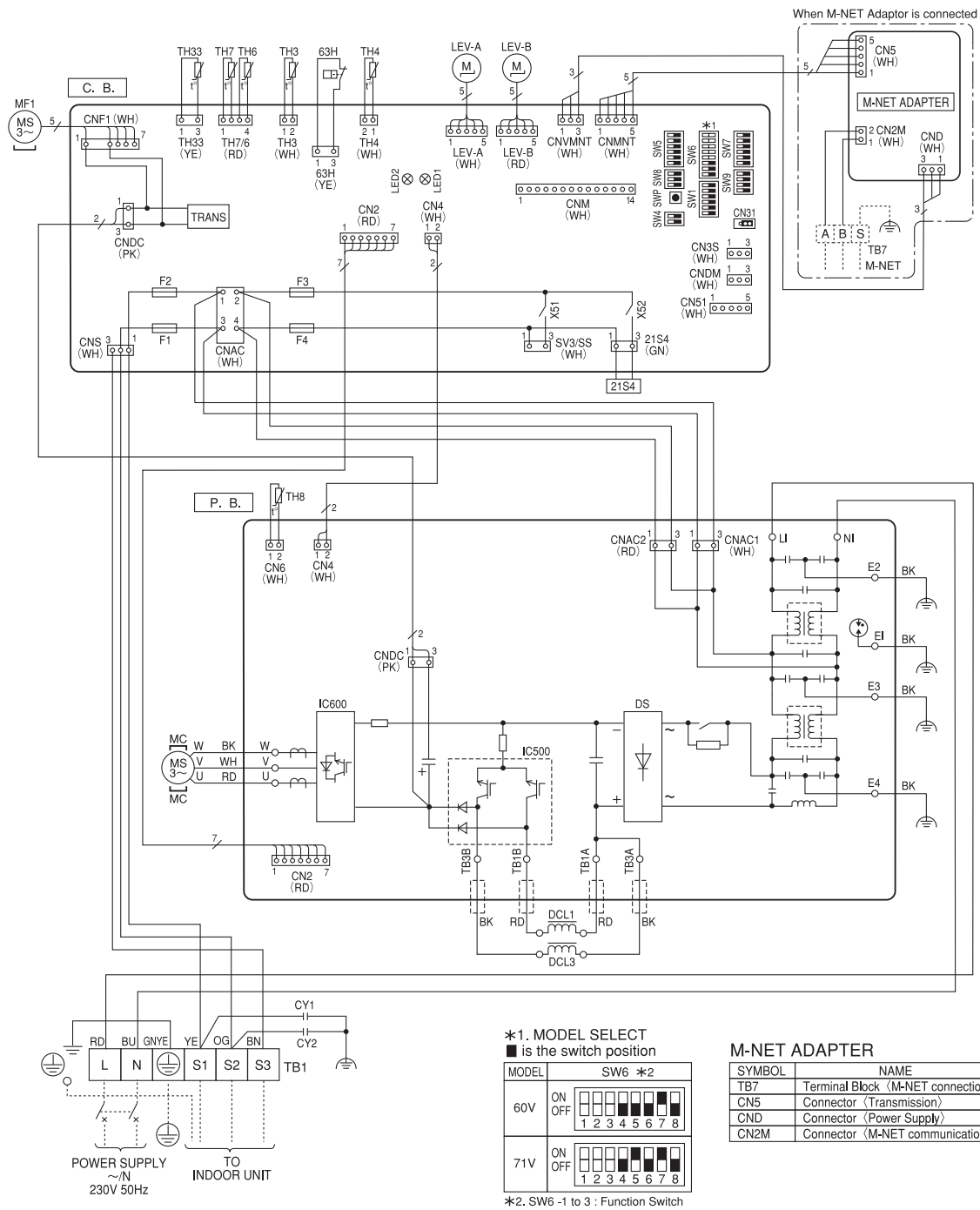
SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

POWER SUPPLY
~N 230V 50Hz

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	CY1, CY2	Capacitor	SW8	Switch (Function Switch)
MC	Motor for Compressor	DCL1, DCL3	Reactor	SW9	Switch (Function Switch)
MF1	Fan Motor	P.B.	Power Circuit Board	SWP	Switch (Pump Down)
21S4	Solenoid Valve (4-Way Valve)	C.B.	Controller Circuit Board	CN31	Connector (Connection for Option)
63H	High Pressure Switch	F1, F2	Fuse (T10AL250V)	CNDM	Connector (Connection for Option)
TH3	Thermistor (Liquid)	F3, F4	Fuse (T6.3AL250V)	CN51	Connector (Connection for Option)
TH4	Thermistor (Discharge)	SW1	Switch (Manual Defrost, Defect History, Record Reset, Refrigerant Address)	SV3/SS	Connector (Connection for Option)
TH6	Thermistor (2-Phase Pipe)	SW4	Switch (Test Operation)	CNM	Connector (Connection for Option)
TH7	Thermistor (Ambient)	SW5	Switch (Function Switch)	CN3S	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	SW6	Switch (Function Switch)	LED1, LED2	LED
TH33	Thermistor (Comp. Surface)	SW7	Switch (Function Switch)	X51, X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

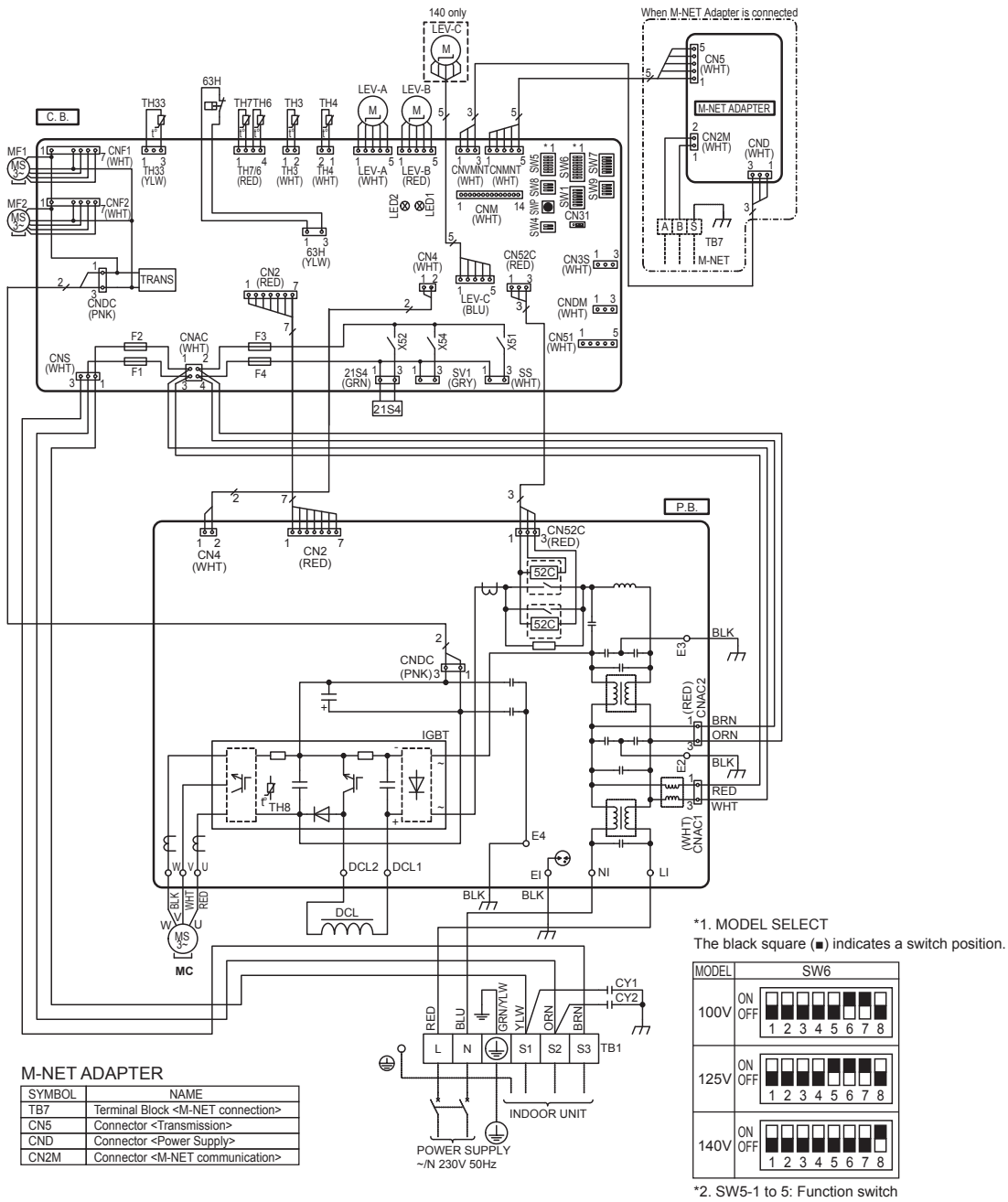


OUTDOOR UNIT
WIRING DIAGRAM

PUHZ-ZRP100VKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP140VKA3

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	LI	Connection Terminal <L-Phase>	CNDM	Connector <Connection for Option>
MC	Motor for Compressor	NI	Connection Terminal <N-Phase>	CN51	Connector <Connection for Option>
MF1, MF2	Fan Motor	DCL1, DCL2	Connection Terminal <Reactor>	SV1	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	IGBT	Power Module	SS	Connector <Connection for Option>
63H	High Pressure Switch	E1, E2, E3, E4	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch, Model Select>	F1, F2, F3, F4	Fuse <T6.3AL250V>
TH8	Thermistor <Heat Sink>	SW6	Switch <Model Select>	X51, X52, X54	Relay
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW8	Switch <Function Switch>		
DCL	Reactor	SW9	Switch <Function Switch>		
CY1, CY2	Capacitor	SWP	Switch <Pump Down>		
P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>		
U/V/W	Connection Terminal <U/V/W-Phase>	CN3S	Connector <Connection for Option>		

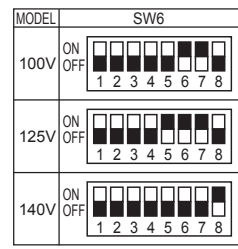
OUTDOOR UNIT WIRING DIAGRAM



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

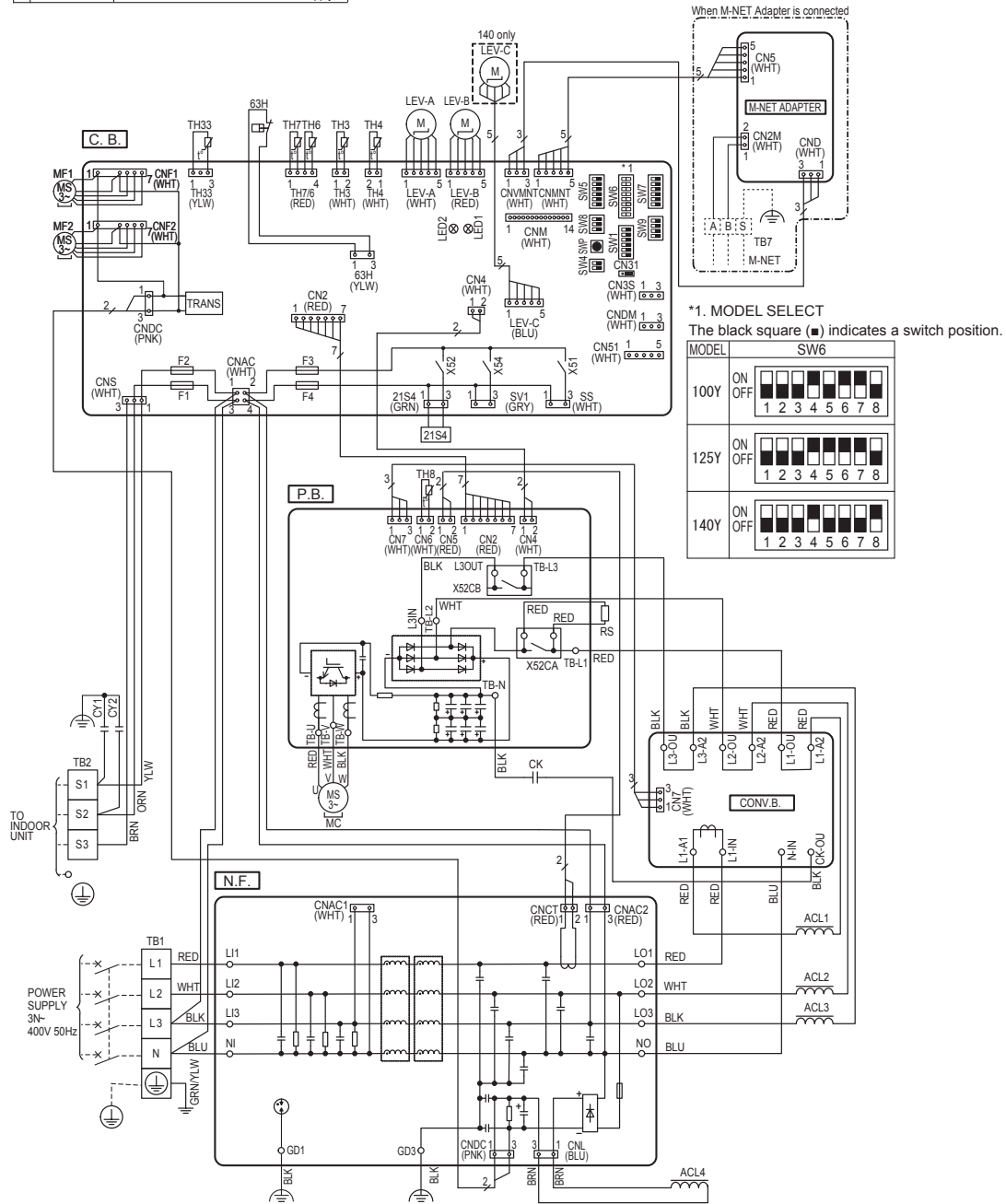
*1. MODEL SELECT
 The black square (■) indicates a switch position.



*2. SW5-1 to 5: Function switch

**PUHZ-ZRP100YKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140YKA3**

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TB-N	Connection Terminal	SW7	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	X52CA/B	52C Relay	SW8	Switch <Function Switch>
MC	Motor for Compressor	N.F.	Noise Filter Circuit Board	SW9	Switch <Function Switch>
MF1, MF2	Fan Motor	L1/L2/L3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SWP	Switch <Pump Down>
21S4	Solenoid Valve (Four-Way Valve)	L01/L02/L03/NO	Connection Terminal <L1/L2/L3/N-Power Supply>	CN31	Connector <Emergency Operation>
63H	High Pressure Switch	GD1, GD3	Connection Terminal <Ground>	CN3S	Connector <Connection for Option>
TH3	Thermistor <Liquid>	CONV.B.	Converter Circuit Board	CNDM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	L1-A1/IN	Connection Terminal <L1-Power Supply>	CN51	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	L1-A2/OU	Connection Terminal <L1-Power Supply>	SV1	Connector <Connection for Option>
TH7	Thermistor <Ambient>	L2-A2/OU	Connection Terminal <L2-Power Supply>	SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	L3-A2/OU	Connection Terminal <L3-Power Supply>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	N-IN	Connection Terminal	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	CK-OU	Connection Terminal	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
ACL1, ACL2, ACL3, ACL4	Reactor	C.B.	Controller Circuit Board	LED1, LED2	LED <Operation Inspection Indicators>
CK	Capacitor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse <T6.3AL250V>
RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>	X51, X52, X54	Relay
CY1, CY2	Capacitor	SW5	Switch <Function Switch>		
P.B.	Power Circuit Board	SW6	Switch <Model Select>		
TB-U/W/W	Connection Terminal <U/W/W-Phase>				
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>				



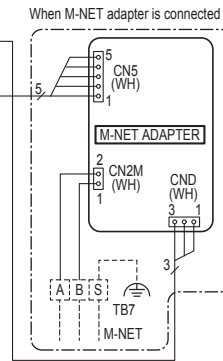
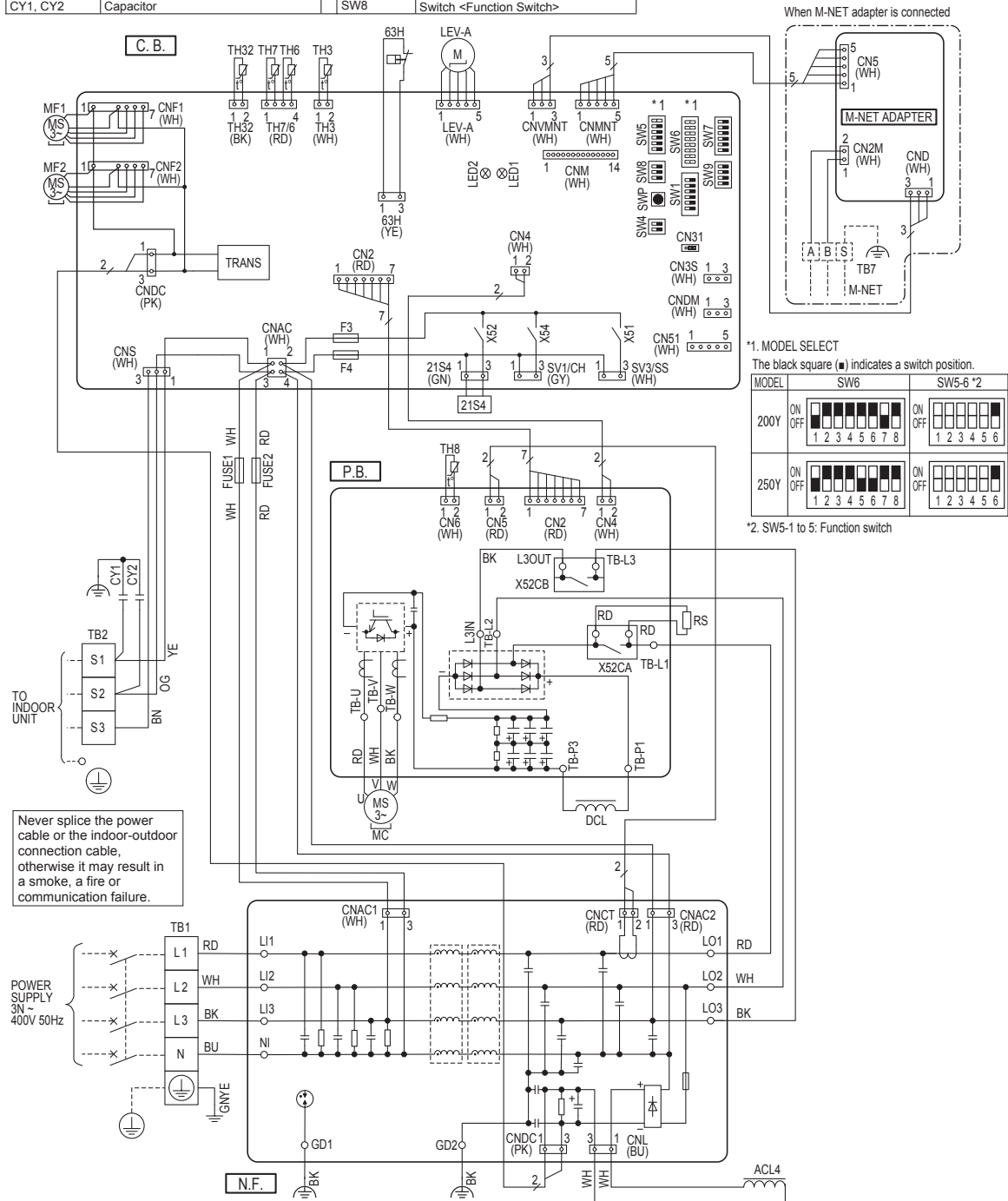
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	L1/L2/L3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH7	Thermistor <Ambient>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	C.B.	Controller Circuit Board	CNMNT	Connector
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>		<Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	CNMVMT	Connector
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>		<Connect to Optional M-NET Adapter Board>
DCL	Reactor	SW6	Switch <Function Switch, Model Select>	LED1, LED2	LED <Operation Inspection Indicators>
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
FUSE1, FUSE2	Fuse <T15AL250V>	SW8	Switch <Function Switch>	X51, X52, X54	Relay
CY1, CY2	Capacitor				



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 *2
200Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
250Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

*2. SW5-1 to 5: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

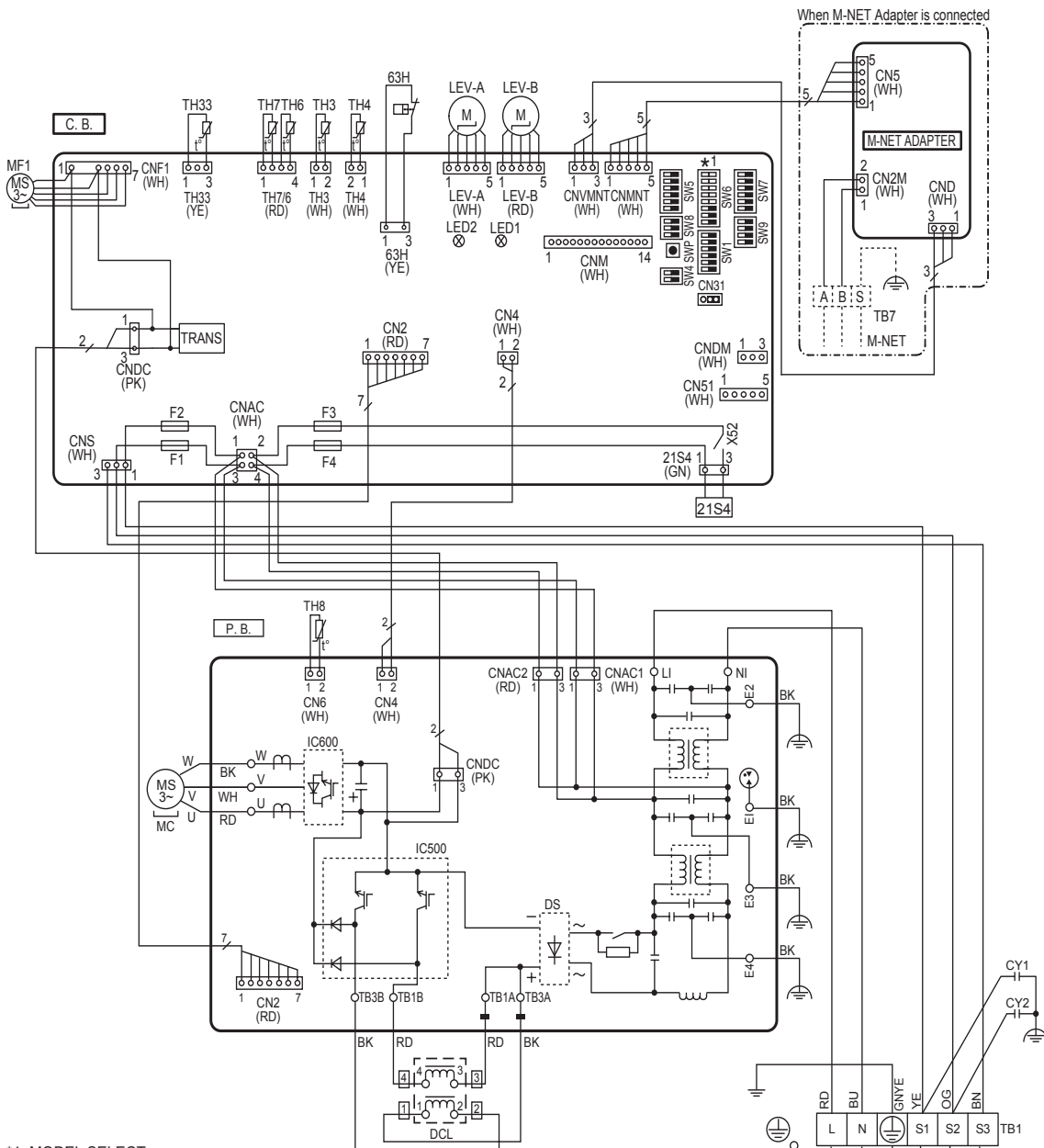
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

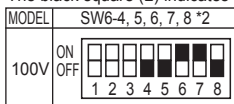
OUTDOOR UNIT WIRING DIAGRAM

3. PUHZ-P-KA PUHZ-P100VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	LEV-A, LEV-B	Linear Expansion Valve	SW5	Switch <Function Switch>
MC	Motor for Compressor	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MF1	Fan Motor	DCL	Reactor	SW7	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CN51	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNDM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>			CNM	Connector <Connection for Option>
				X52	Relay



*1. MODEL SELECT
The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

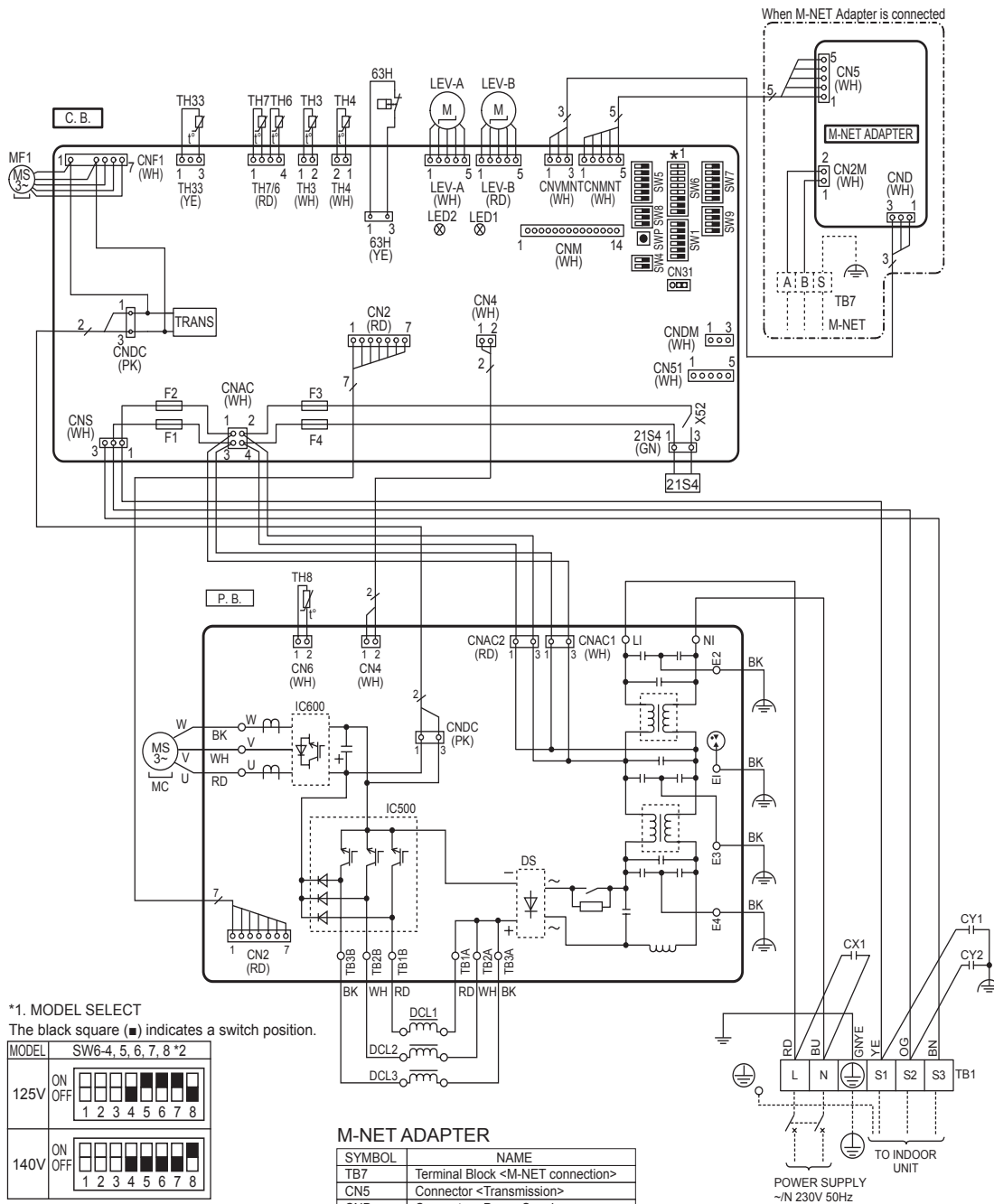
POWER SUPPLY
~N 230V 50Hz

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUHZ-P125VKA
PUHZ-P140VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL1, DCL2, DCL3	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CX1	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

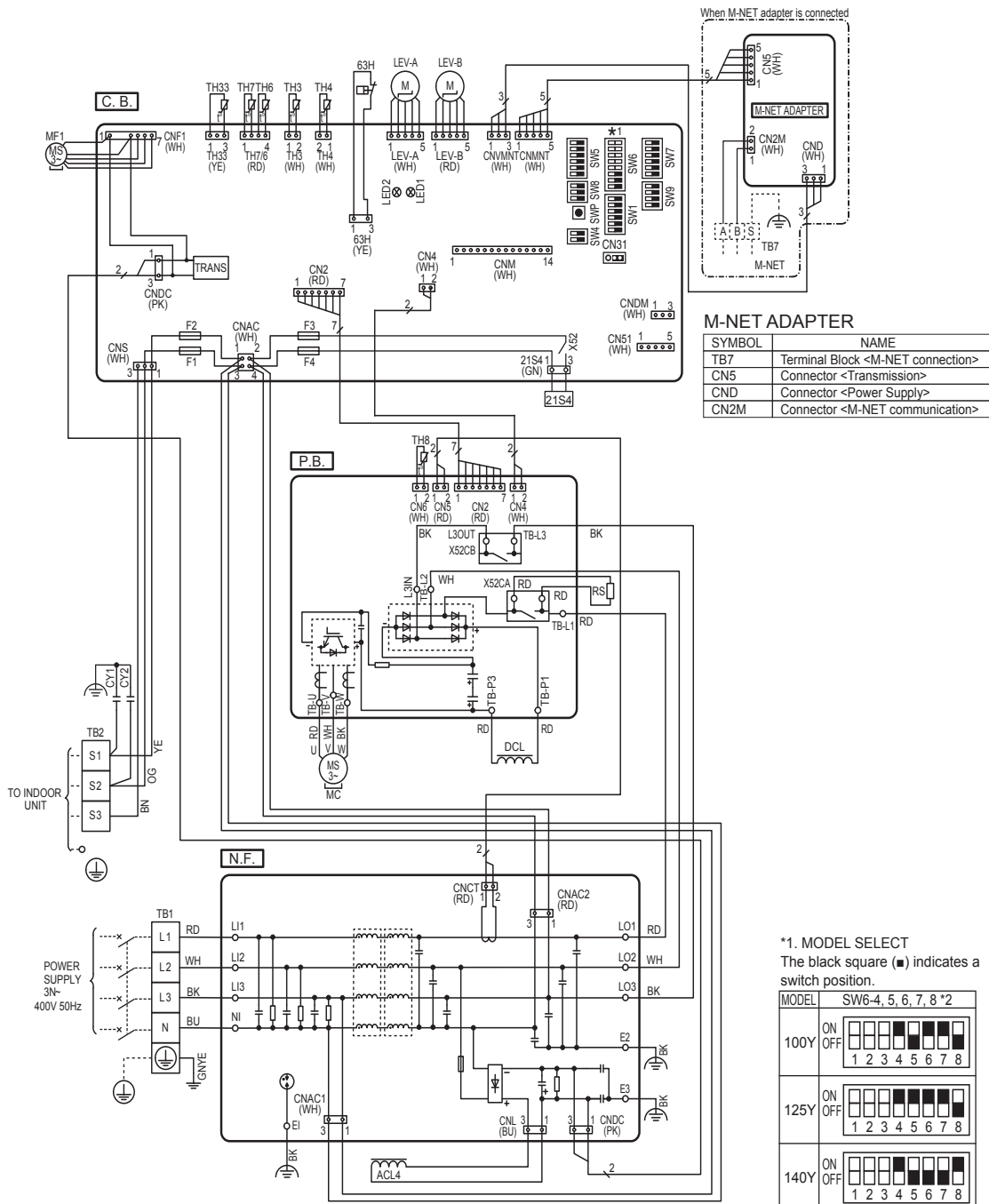
OUTDOOR UNIT WIRING DIAGRAM



Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUHZ-P100YKA
 PUHZ-P125YKA
 PUHZ-P140YKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	21S4	Solenoid Valve (4-Way Valve)	SW5	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	ACL4	Reactor	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	RS	Resistor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	C.B.	Controller Circuit Board	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve	SW4	Switch <Function Switch>		

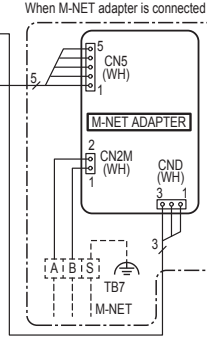
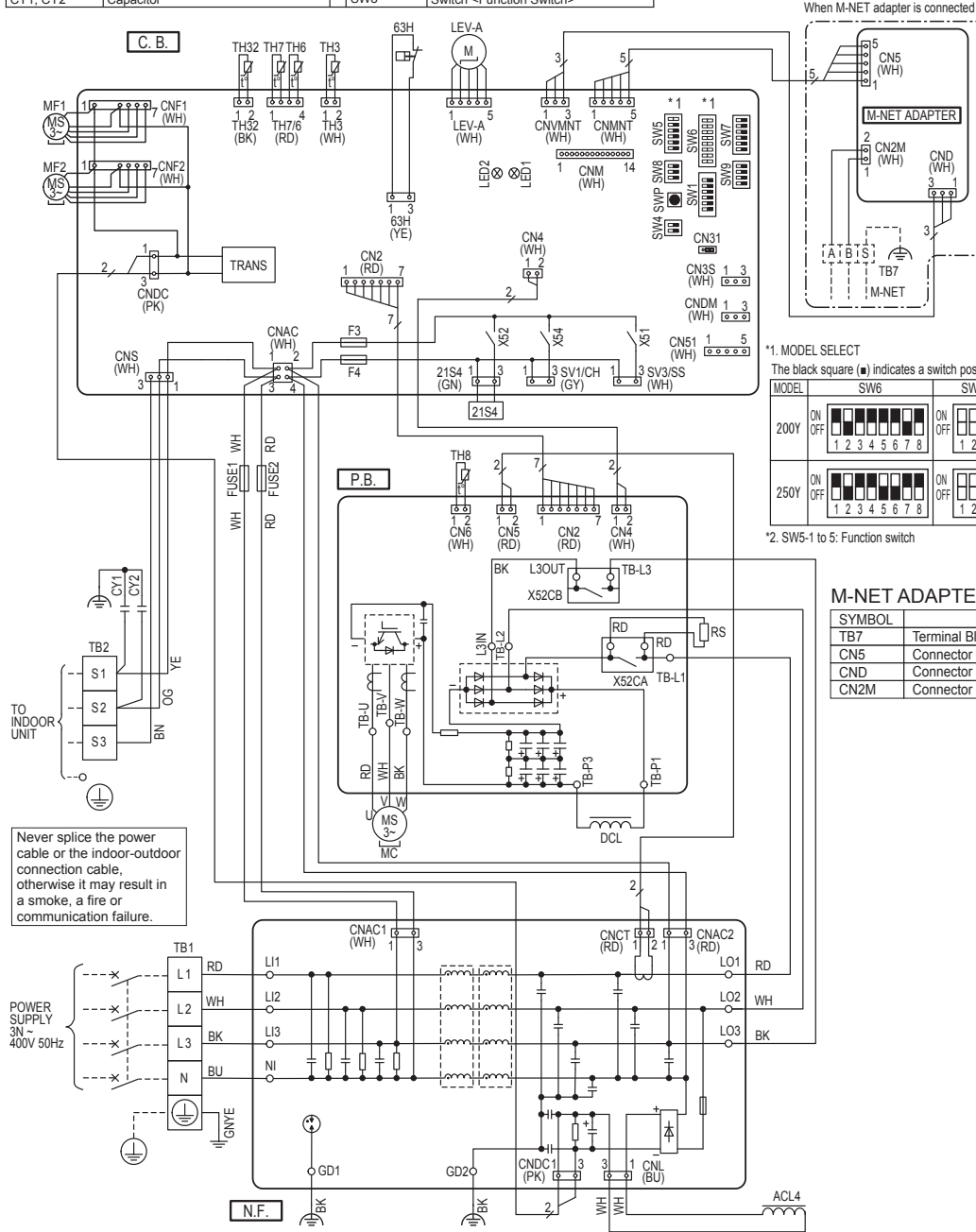


Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-P200YKA3 PUHZ-P250YKA3

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	L1/L1/L2/L3/N1	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH7	Thermistor <Ambient>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNVMT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW6	Switch <Model Select>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>	SW8	Switch <Function Switch>		
CY1, CY2	Capacitor				



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 '2
200Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
250Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

*2. SW5-1 to 5: Function switch

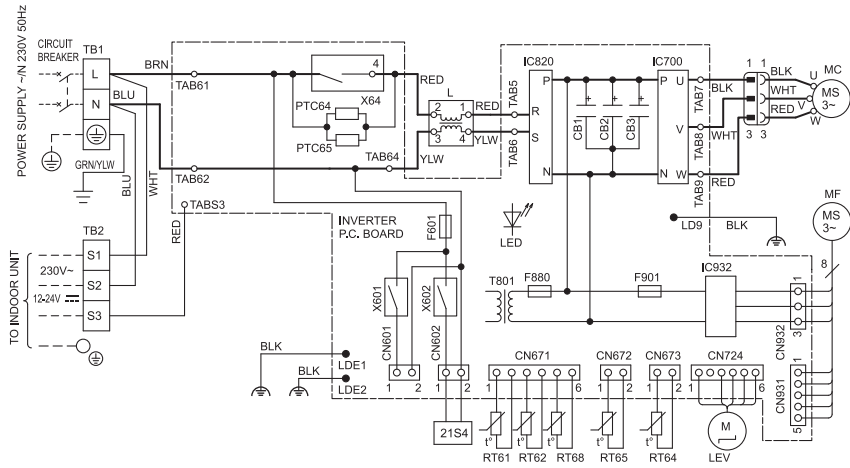
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

OUTDOOR UNIT WIRING DIAGRAM

4. SUZ-SA·VA

SUZ-SA71VA3



Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between P(+) and N(-) terminals of IC700 when measured with a tester ten minutes after the power has been turned off. Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P(+) and N(-) terminals of IC700 with either a discharge resistor (approx.100Ω,40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

Item	Symptom	Check point
1	Power supply There is no 230V AC power between terminals [L] and [N].	Check the power supply cable.
2	Fuse The fuse(F901) has blown.	Check the INVERTER P.C. BOARD and fan motor.
3	Power for main circuit There is no 325V DC Power between pins P(+) and N(-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
4	Inverter output AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the power board.
5	LED display (while compressor is not in operation.) Lighting Flashing Goes out	Normal Abnormality or stop due to protective function(refer to "Troubleshootings When LED Blinks" shown below.) Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1-3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST TEMP.THERMISTOR	T801	TRANSFORMER
F601	FUSE(T3,15AL250V)	LED	LED	RT62	DISCHARGE TEMP.THERMISTOR	X601	RELAY
F880	FUSE(T3,15AL250V)	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP.THERMISTOR	X602	RELAY
F901	FUSE(T3,15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP.THERMISTOR	X64	RELAY
IC700	IGBT Module	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP.THERMISTOR	21S4	REVERSING VALVE SOLENOID COIL
IC820	DIODE Module	PTC64	CIRCUIT PROTECTION				
IC932	IGBT Module	PTC65	CIRCUIT PROTECTION	TB1, TB2	TERMINAL BLOCK		

NOTES 1.About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2.Use copper conductors only(for field wiring). 3.Symbols indicate, □:Terminal block

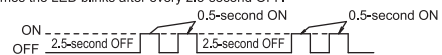
* For details, refer to the appropriate service manual.

Troubleshootings When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lighted, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
3 times	Protection for overheat of discharge temperature	1.Charge refrigerant 2.Check expansion valve
4 times	Protection for overheat of fin temperature/P.C. board temperature	1.Check air circulation in outdoor unit(short cycle) 2.Check outdoor fan motor 3.Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1.Check refrigerant circuit(dogging etc.) 2.Check stop valve
6 times	Abnormality of serial signal	Check indoor electronic control P.C. board and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1.Reconnect compressor connector 2.Check compressor 3.Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1.Reconnect connectors for fan motor 2.Check outdoor INVERTER P.C. BOARD 3.Check outdoor fan motor
11 times	Protection for stop valve(Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

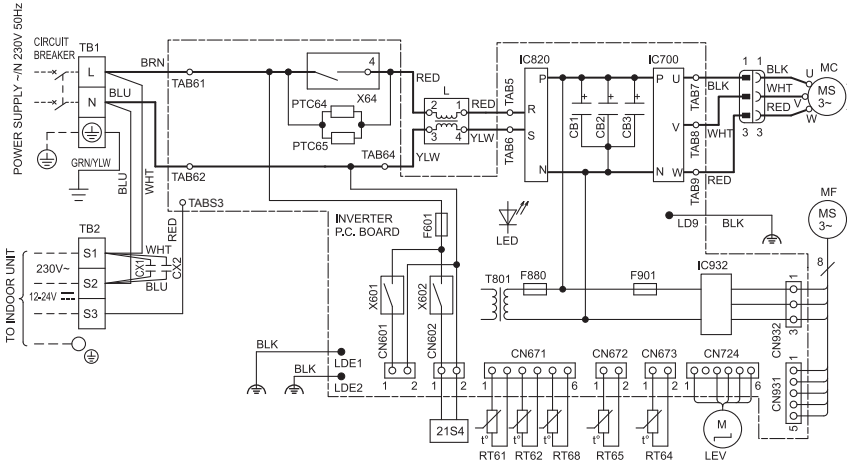
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
[Example] Blinking frequency is "Twice".



OUTDOOR UNIT WIRING DIAGRAM

SUZ-SA100VA2

OUTDOOR UNIT WIRING DIAGRAM



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1-3	SMOOTHING CAPACITOR	IC820	IGBT Module	PTC65	CIRCUIT PROTECTION	TB1, TB2	TERMINAL BLOCK
CX1, CX2	CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
F601	FUSE(T3,15AL250V)	LED	LED	RT62	DISCHARGE TEMP.THERMISTOR	X601	RELAY
F880	FUSE(T3,15AL250V)	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP.THERMISTOR	X602	RELAY
F901	FUSE(T3,15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP.THERMISTOR	X64	RELAY
IC700	IGBT Module	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP.THERMISTOR	21S4	REVERSING VALVE SOLENOID COIL
IC820	DIODE Module	PTC64	CIRCUIT PROTECTION				

NOTES 1,About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2,Use copper conductors only(for field wiring). 3,Symbols indicate, :Terminal block

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between P(+) and N(-) terminals of IC700 when measured with a tester ten minutes after the power has been turned off.
Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P(+) and N(-) terminals of IC700 with either a discharge resistor (approx.100Ω,40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

Item	Symptom	Check point
1	Power supply There is no 230V AC power between terminals [L] and [N].	Check the power supply cable.
2	Fuse The fuse(F901) has blown.	Check the INVERTER P.C. BOARD and fan motor.
3	Power for main circuit There is no 325V DC Power between pins P(+) and N(-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
4	Inverter output AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the power board.
5	LED display (while compressor is not in operation).	Normal
	Flashing	Abnormality or stop due to protective function(Refer to "Troubleshooting When LED Blinks" shown below.)
	Goes out	Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

* For details, refer to the appropriate service manual.

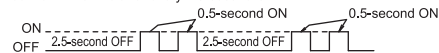
Troubleshooting When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lighted, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1,Check outdoor INVERTER P.C. BOARD 2,Reconnect compressor connector 3,Check compressor 4,Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1,Check outdoor INVERTER P.C. BOARD 2,Reconnect compressor connector 3,Check compressor 4,Check stop valve
3 times	Protection for overheat of discharge temperature	1,Charge refrigerant 2,Check expansion valve
4 times	Protection for overheat of fin temperature/P.C. board temperature	1,Check air circulation in outdoor unit(short cycle) 2,Check outdoor fan motor 3,Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1,Check refrigerant circuit(dogging etc.) 2,Check stop valve
6 times	Abnormality of serial signal	Check indoor electronic control P.C. board and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1,Reconnect compressor connector 2,Check compressor 3,Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1,Reconnect connectors for fan motor 2,Check outdoor INVERTER P.C. BOARD 3,Check outdoor fan motor
11 times	Protection for stop valve(Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.

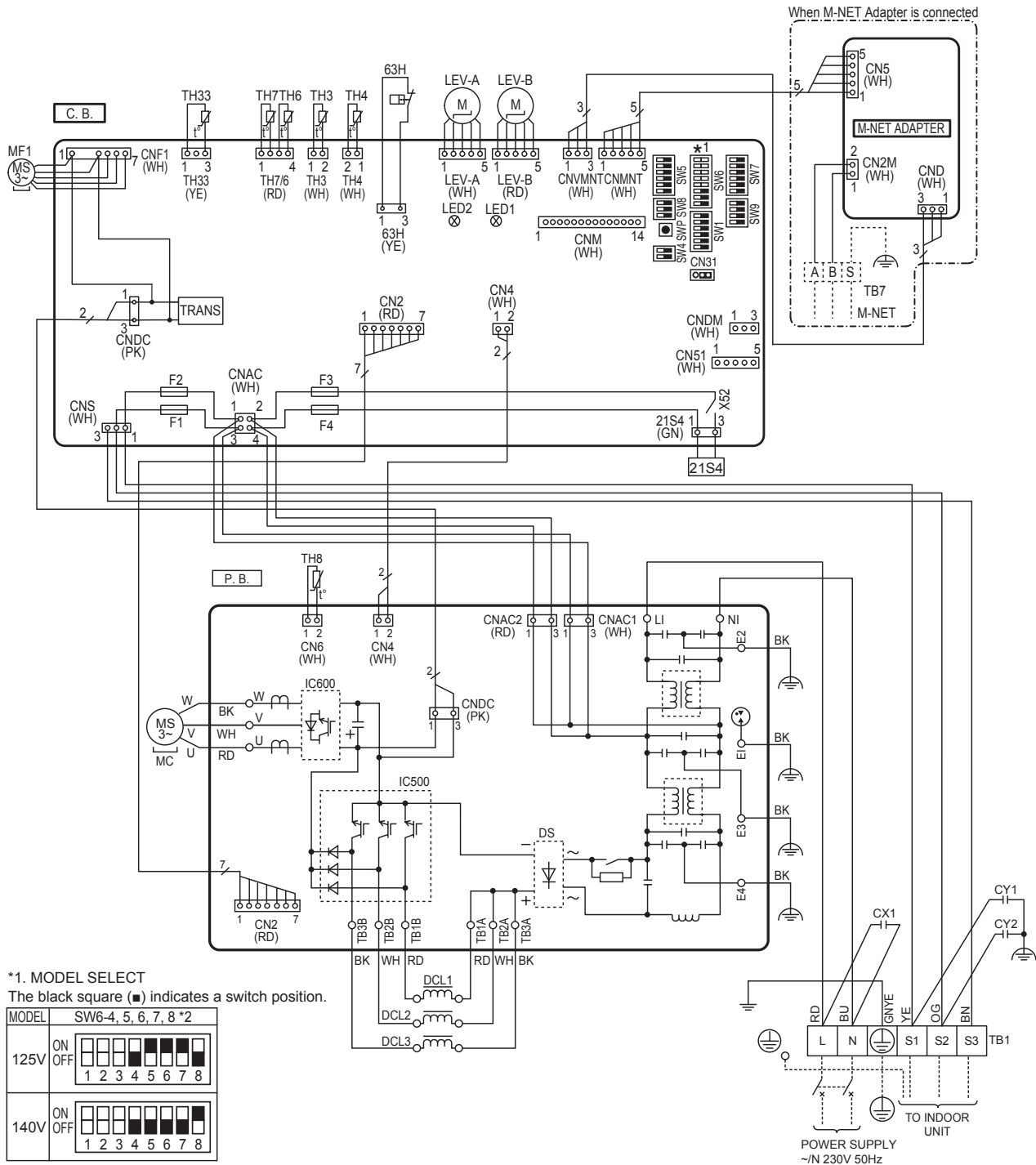
[Example] Blinking frequency is "Twice".



5. PUHZ-SP•KA

PUHZ-SP125VKA
PUHZ-SP140VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL1, DCL2, DCL3	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CX1	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

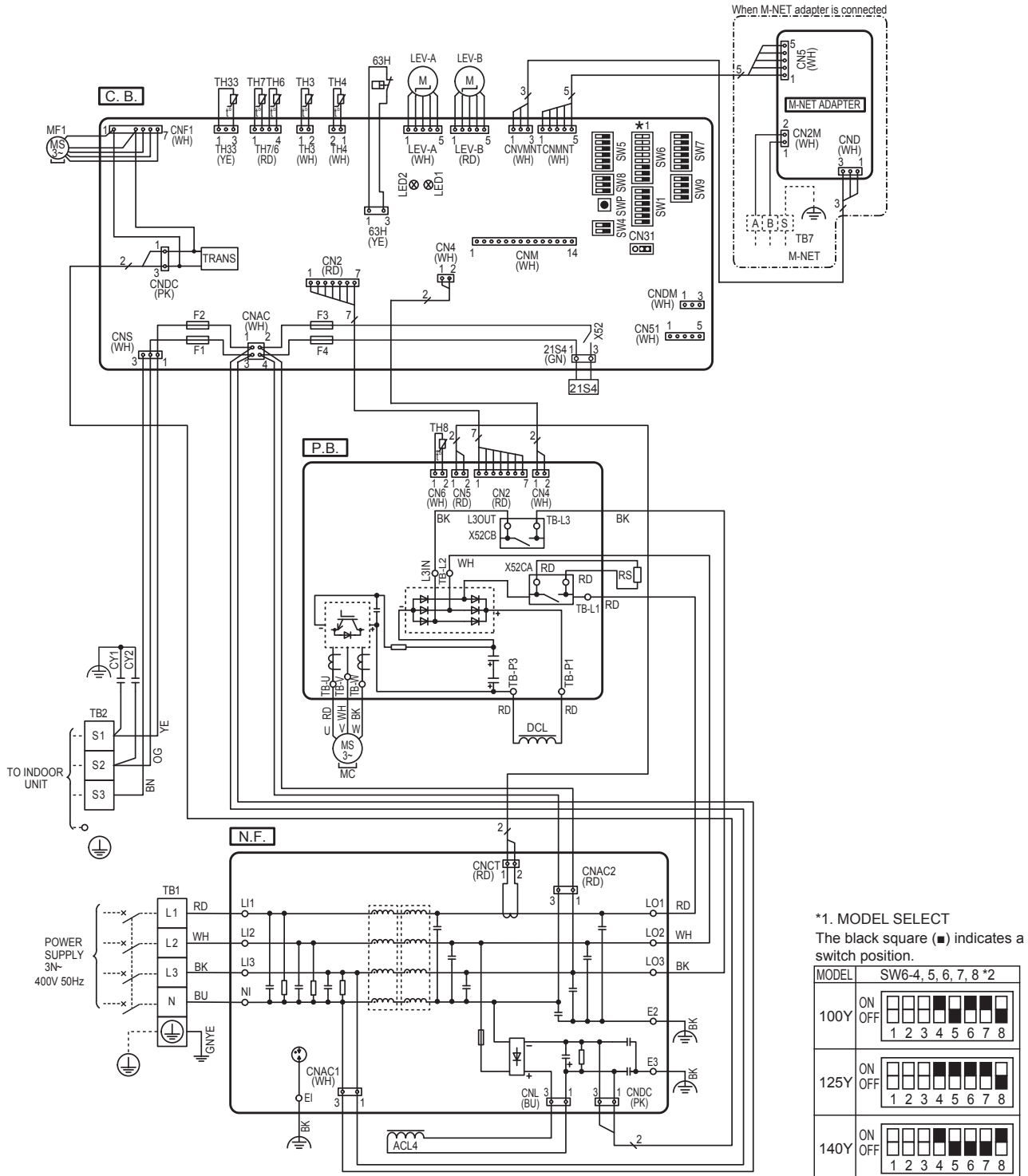


Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

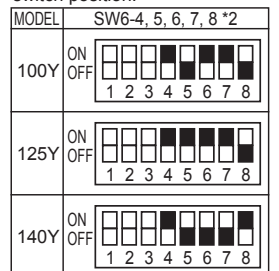
PUHZ-SP100YKA
PUHZ-SP125YKA
PUHZ-SP140YKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	21S4	Solenoid Valve (4-Way Valve)	SW5	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	ACL4	Reactor	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	RS	Resistor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

OUTDOOR UNIT WIRING DIAGRAM



*1. MODEL SELECT
 The black square (■) indicates a switch position.

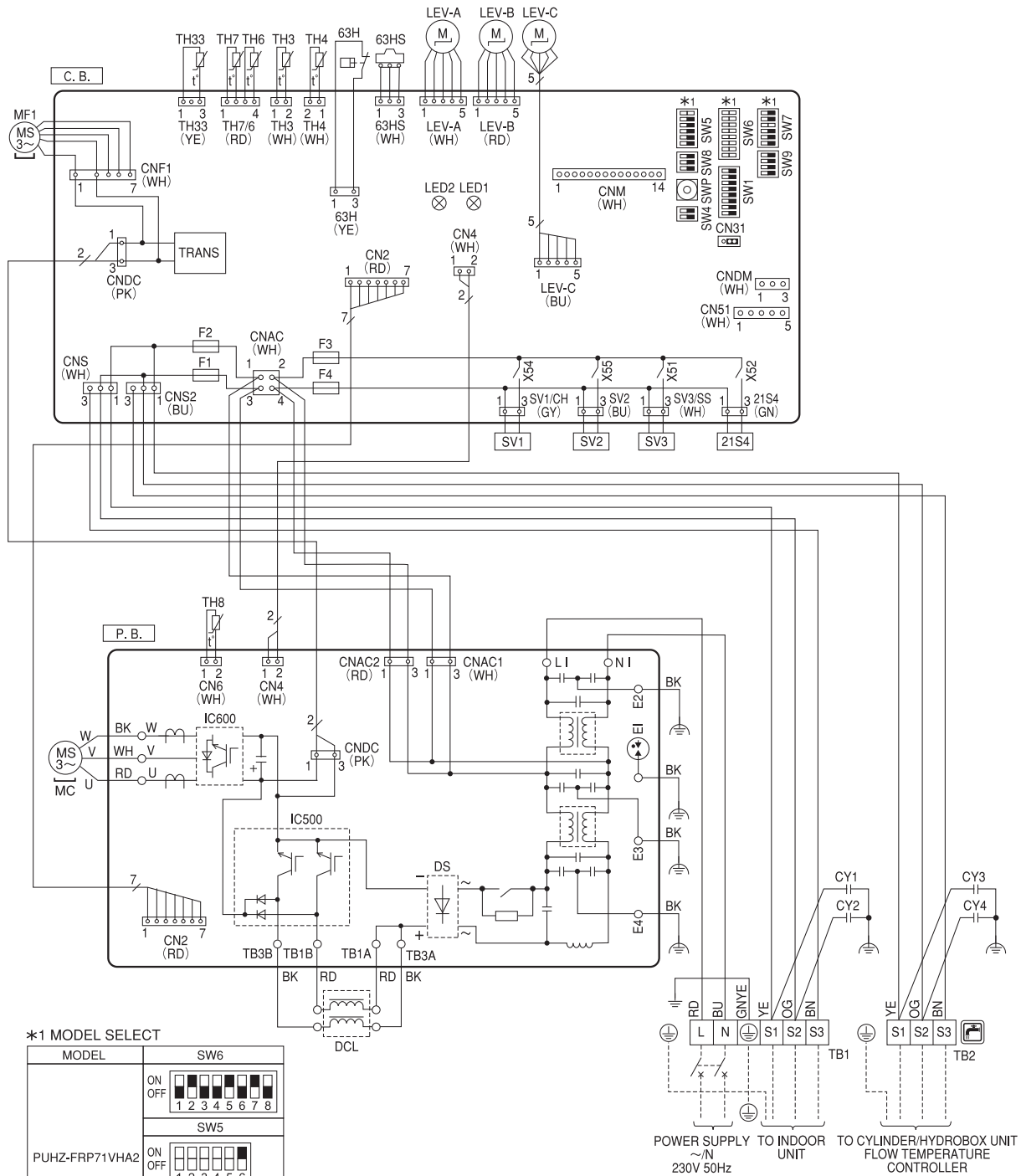


*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

6. PUHZ-FRP71VHA2

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	SV1	Solenoid Valve 1	SW5	Switch (Function Switch, Model Select)
TB2	Terminal Block (Cylinder/Hydrobox UNIT/Outdoor)	SV2	Solenoid Valve 2	SW6	Switch (Model Select)
MC	Motor for Compressor	SV3	Solenoid Valve 3	SW7	Switch (Function Switch, Model Select)
MF1	Fan Motor	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW8	Switch (Function Switch)
21S4	Solenoid Valve (4-Way Valve)	DCL	Reactor	SW9	Switch (Function Switch)
63H	High Pressure Switch	CY1, CY2, CY3, CY4	Capacitor	SWP	Switch (Pump Down)
63HS	High Pressure Sensor	P.B.	Power Circuit Board	CNDM	Connector (Connection for Option)
TH3	Thermistor (Liquid)	C.B.	Controller Circuit Board	CN31	Connector (Emergency Operation)
TH4	Thermistor (Discharge)	F1, F2	Fuse (T10AL250V)	CN51	Connector (Connection for Option)
TH6	Thermistor (2-Phase Pipe)	F3, F4	Fuse (T6.3AL250V)	CNM	Connector (Connection for Option)
TH7	Thermistor (Ambient)	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)	LED1, LED2	LED
TH8	Thermistor (Heat Sink)	SW4	Switch (Test Run Switch)		
TH33	Thermistor (Comp. Surface)				



*1 MODEL SELECT

MODEL	SW6
PUHZ-FRP71VHA2	ON OFF
	1 2 3 4 5 6 7 8
PUHZ-FRP71VHA2	SW5
	ON OFF
	1 2 3 4 5 6
PUHZ-FRP71VHA2	SW7
	ON OFF
	1 2 3 4 5 6

The black square (■) indicates a switch position.

OUTDOOR UNIT WIRING DIAGRAM

A.8.3 REFRIGERANT SYSTEM DIAGRAM

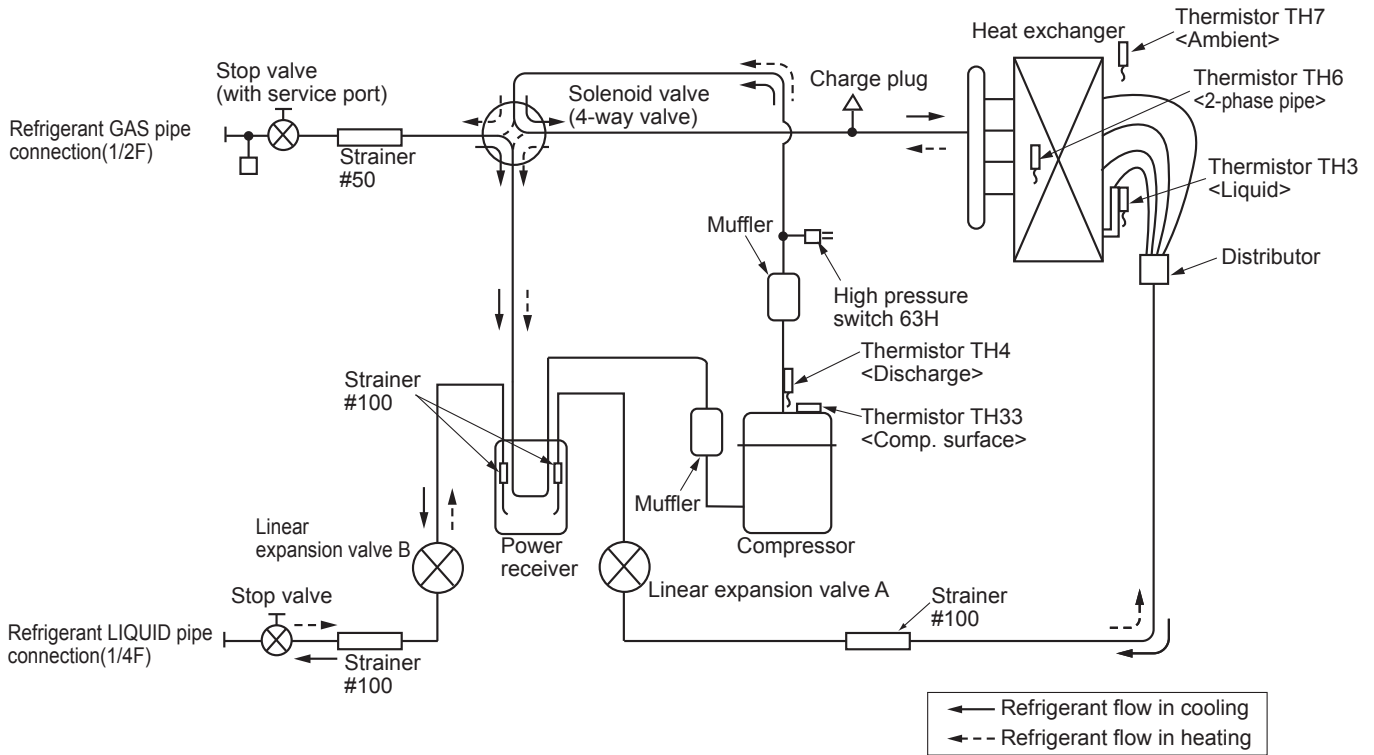
A.8.3.1 R32 type

1. PUZ-ZM•HA2, KA2

PUZ-ZM35VKA2

Unit: mm

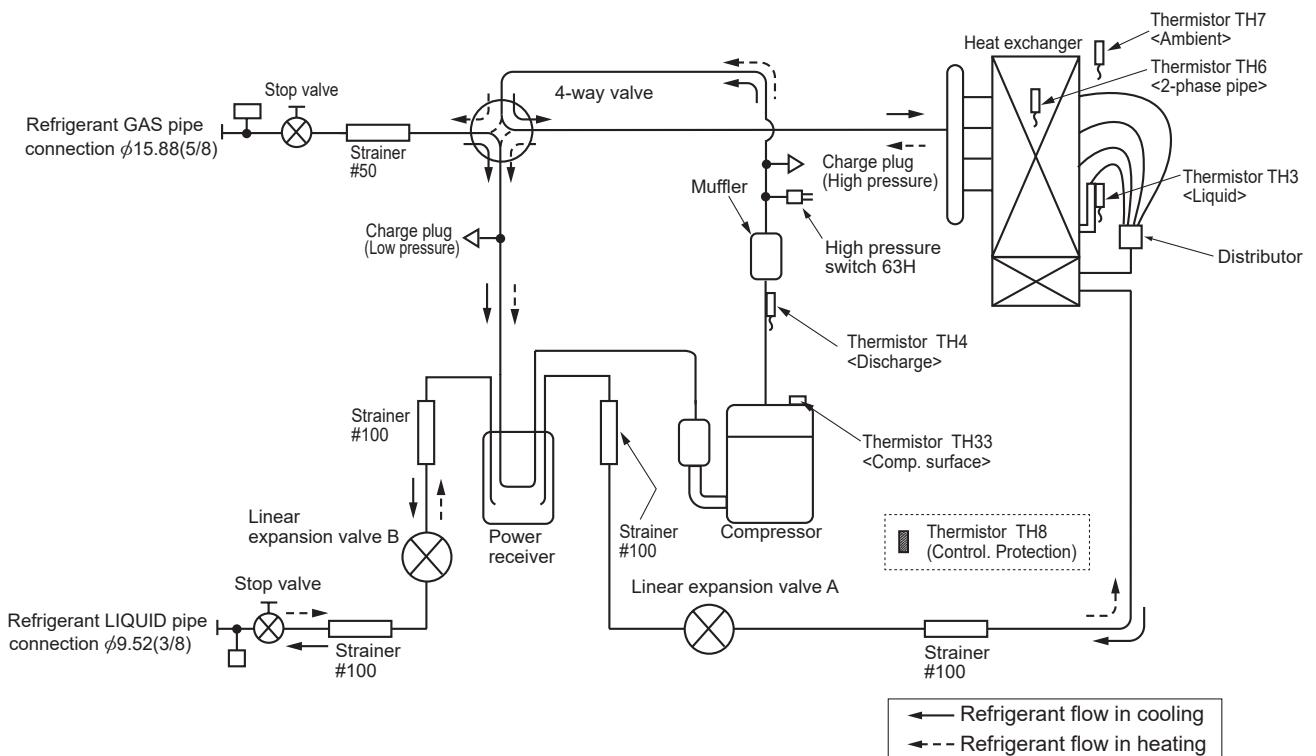
PUZ-ZM50VKA2



PUZ-ZM60VHA2

Unit: mm

PUZ-ZM71VHA2

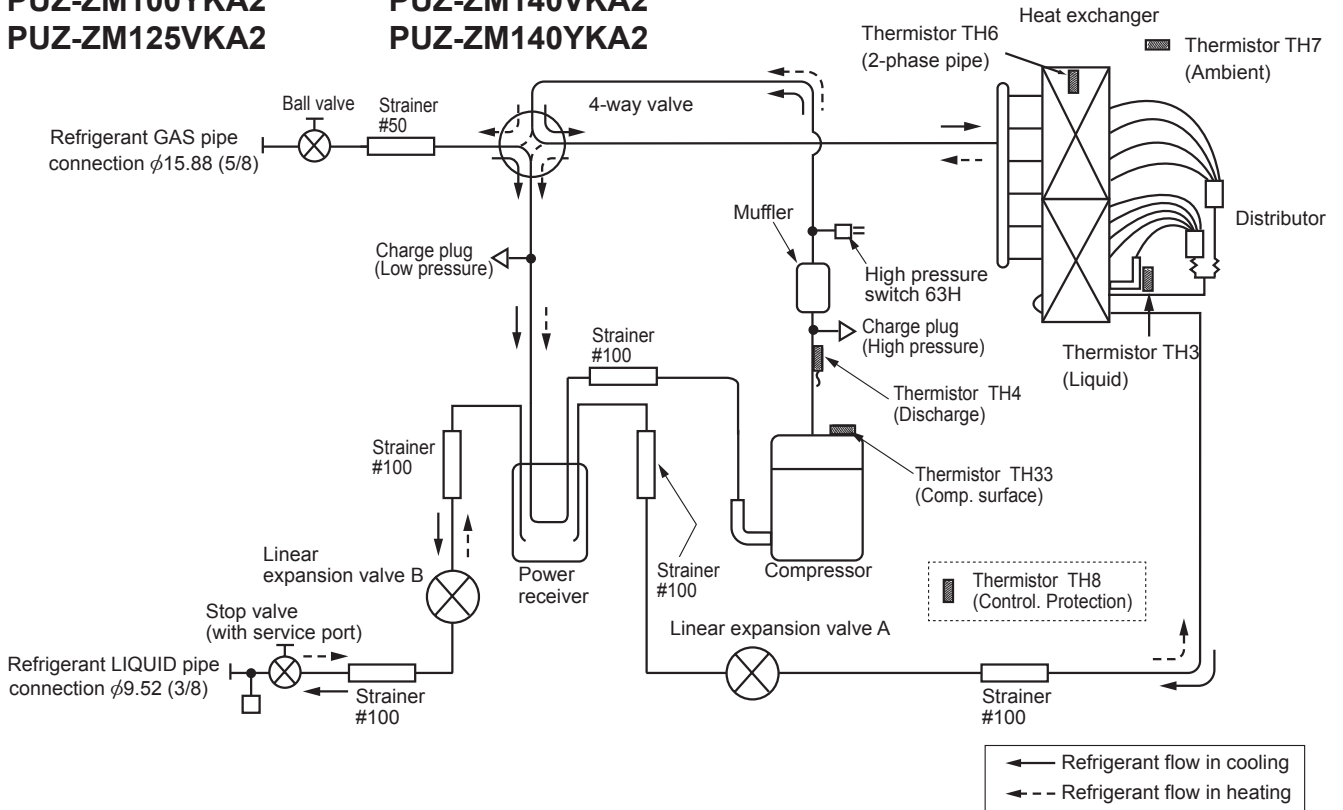


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2

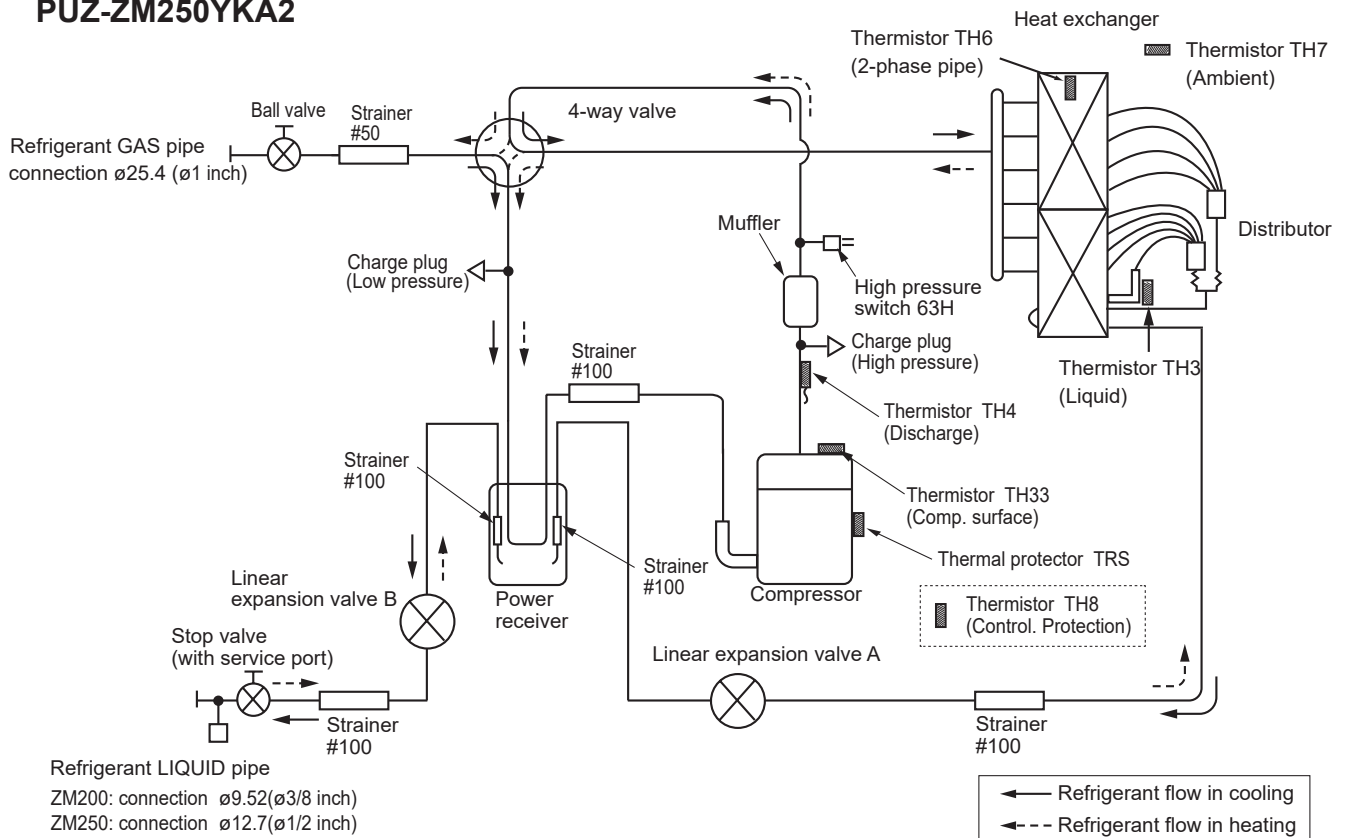
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2

Unit: mm



PUZ-ZM200YKA2
PUZ-ZM250YKA2

Unit: mm



OUTDOOR UNIT

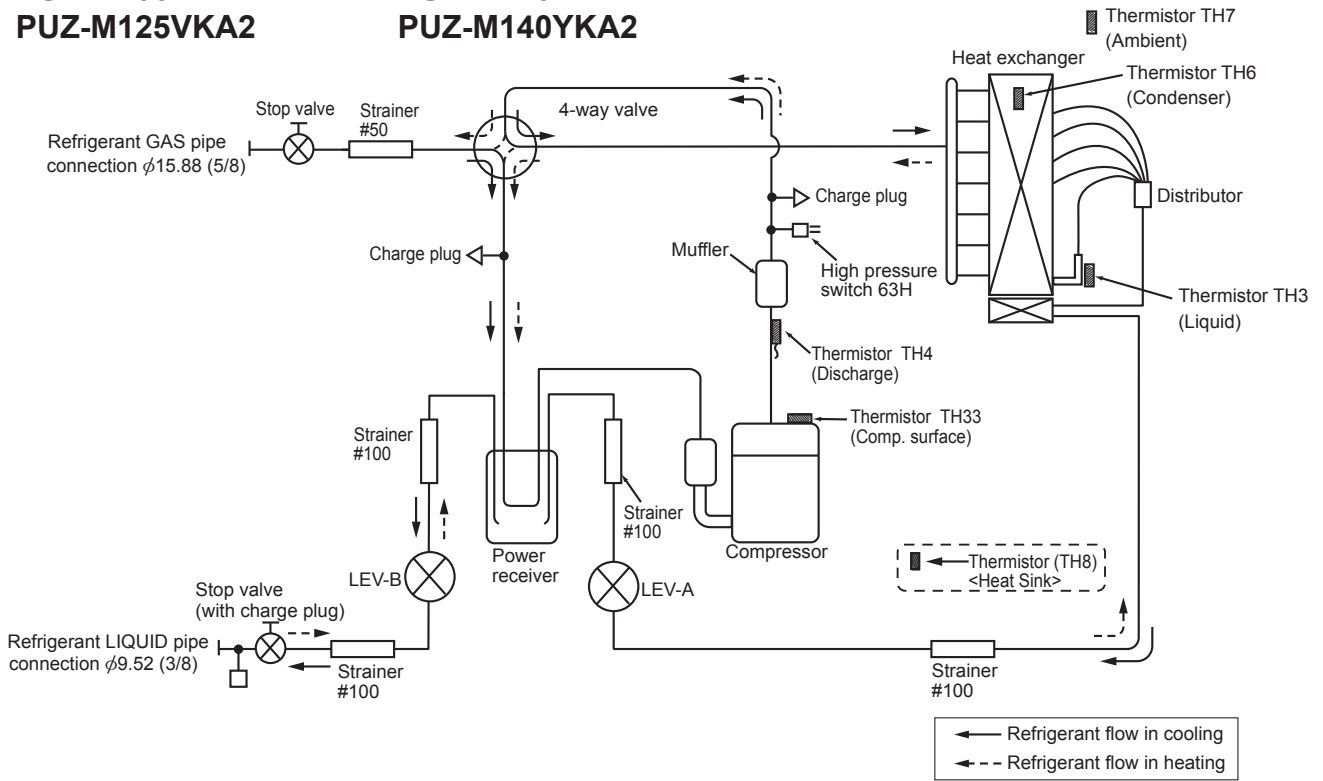
REFRIGERANT SYSTEM DIAGRAM

2. PUZ-M•KA2

PUZ-M100VKA2
 PUZ-M100YKA2
 PUZ-M125VKA2

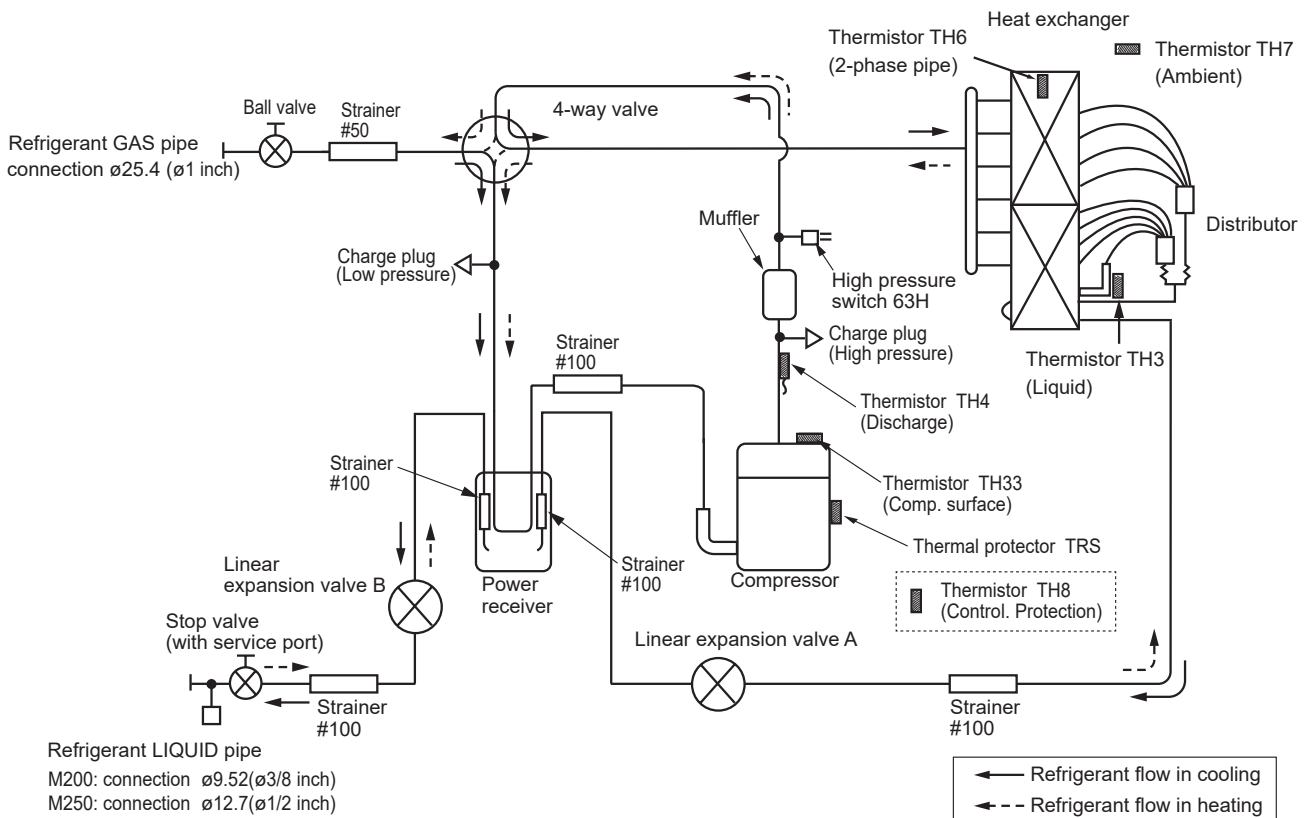
PUZ-M125YKA2
 PUZ-M140VKA2
 PUZ-M140YKA2

Unit: mm



PUZ-M200YKA2
 PUZ-M250YKA2

Unit: mm



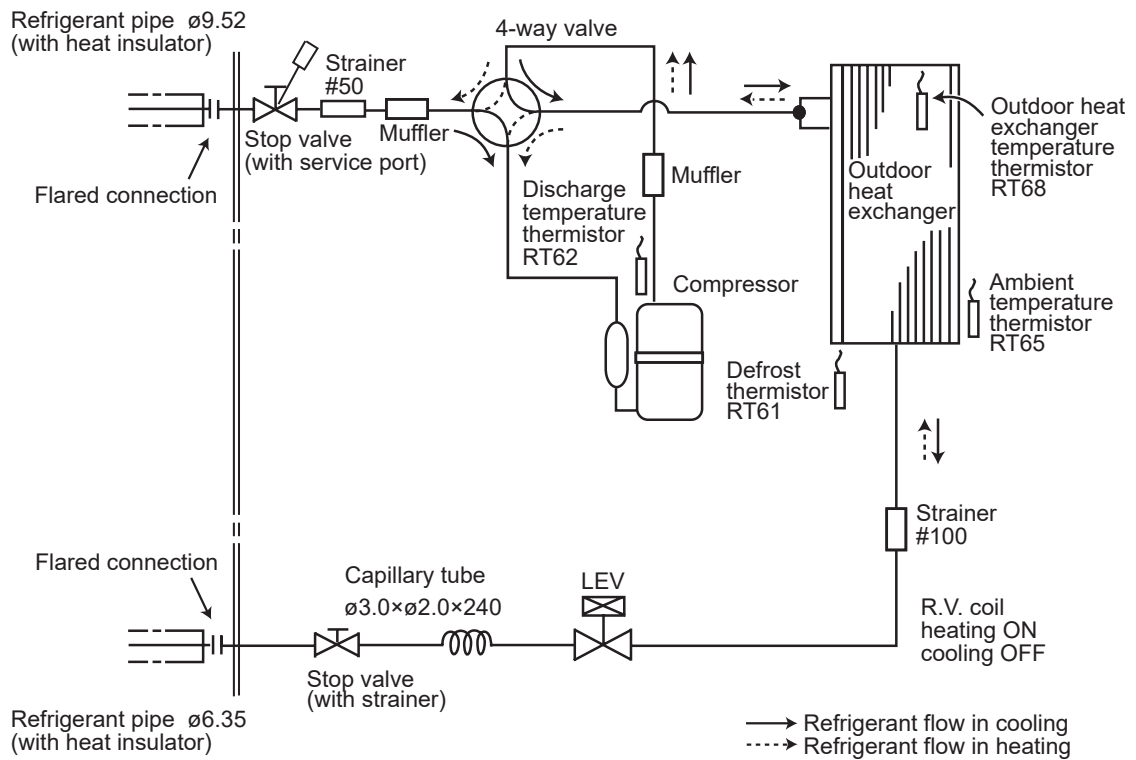
Refrigerant LIQUID pipe
 M200: connection ø9.52(ø3/8 inch)
 M250: connection ø12.7(ø1/2 inch)

OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

3. SUZ-SM•VA

SUZ-SM35VA

Unit: mm

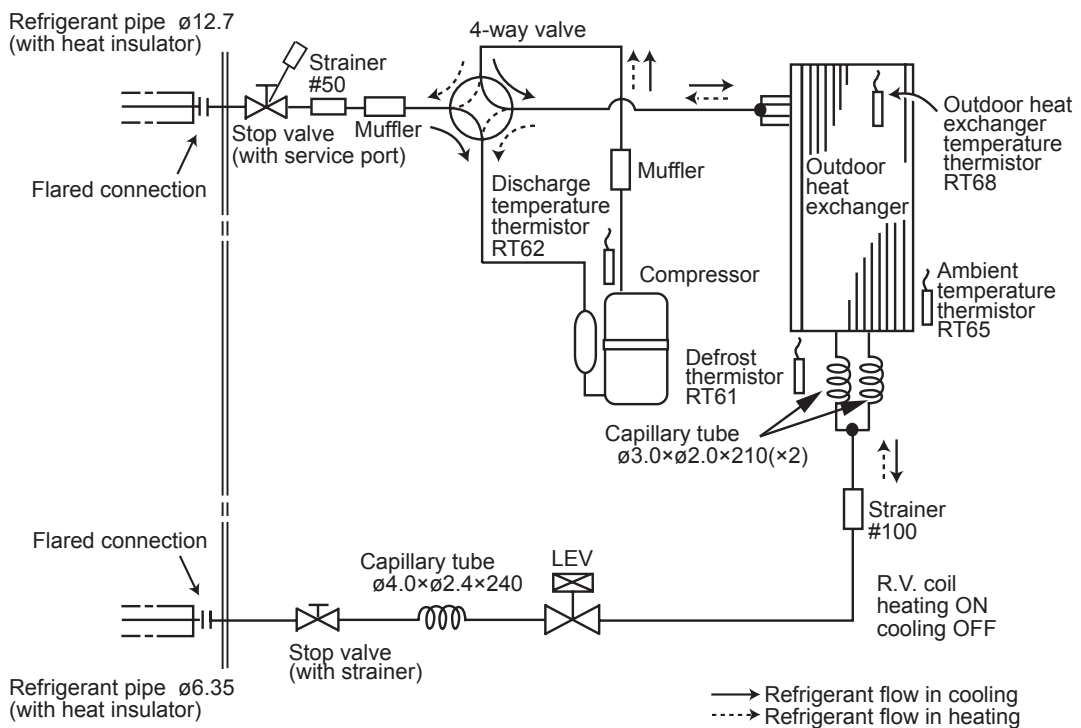


OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

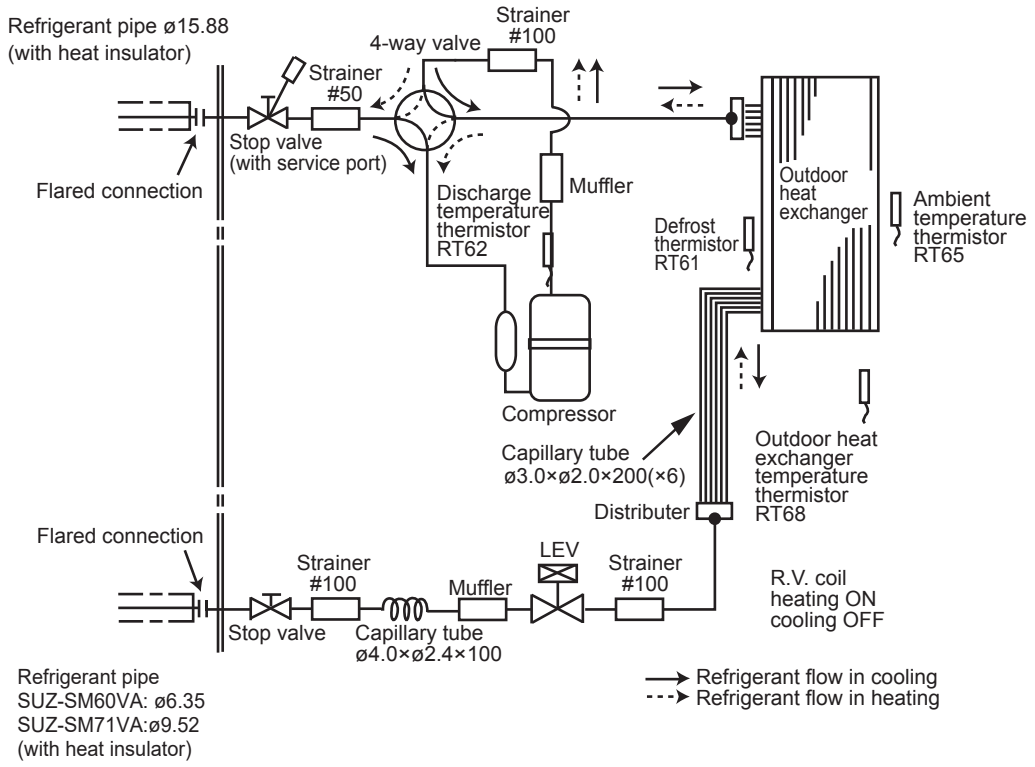
SUZ-SM50VA

Unit: mm



SUZ-SM60VA
SUZ-SM71VA

Unit: mm

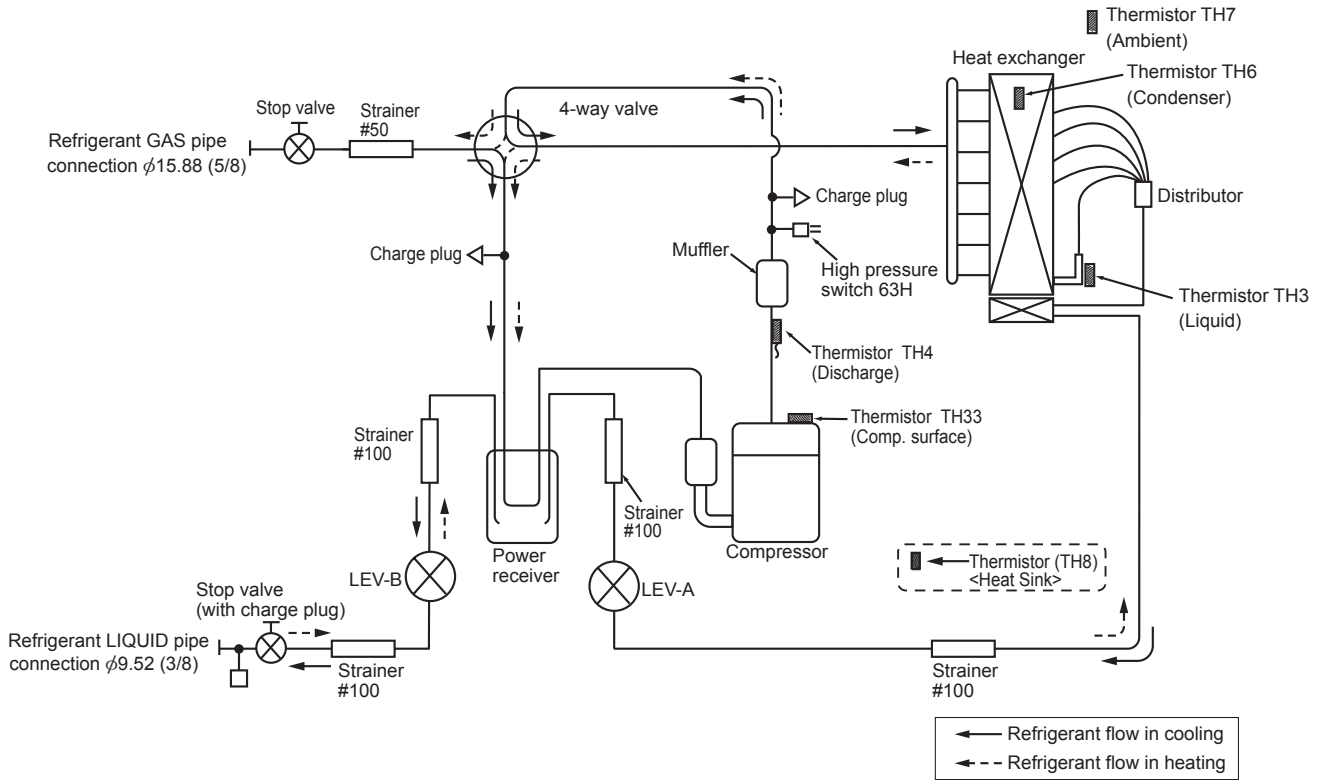


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

4. PUZ-SM•KA2

- PUZ-SM100VKA2
- PUZ-SM100YKA2
- PUZ-SM125VKA2
- PUZ-SM125YKA2
- PUZ-SM140VKA2
- PUZ-SM140YKA2

Unit: mm



OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

A.8.3.2 R410A type

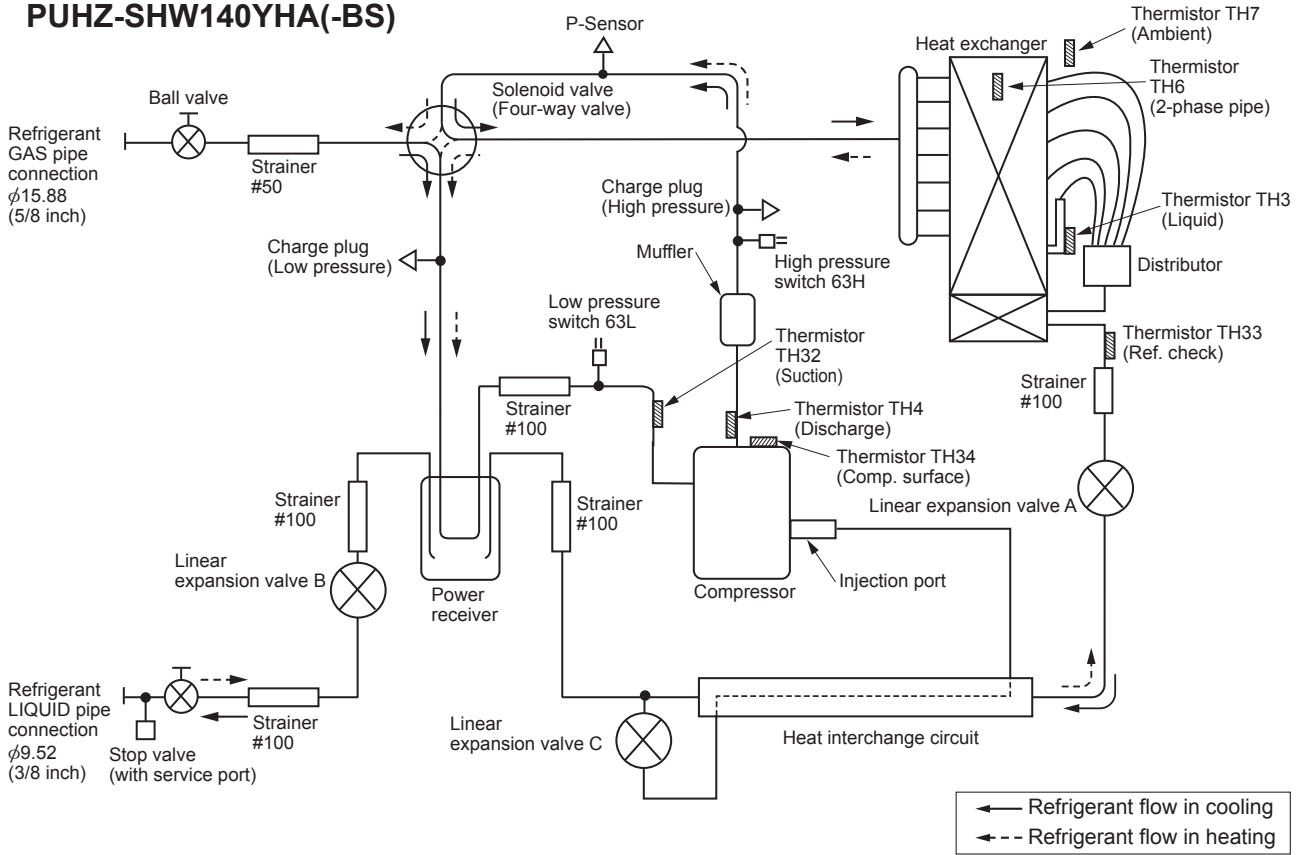
1. PUAZ-SHW•HA PUAZ-SHW•KA2

PUAZ-SHW112VHA(-BS)

PUAZ-SHW112YHA(-BS)

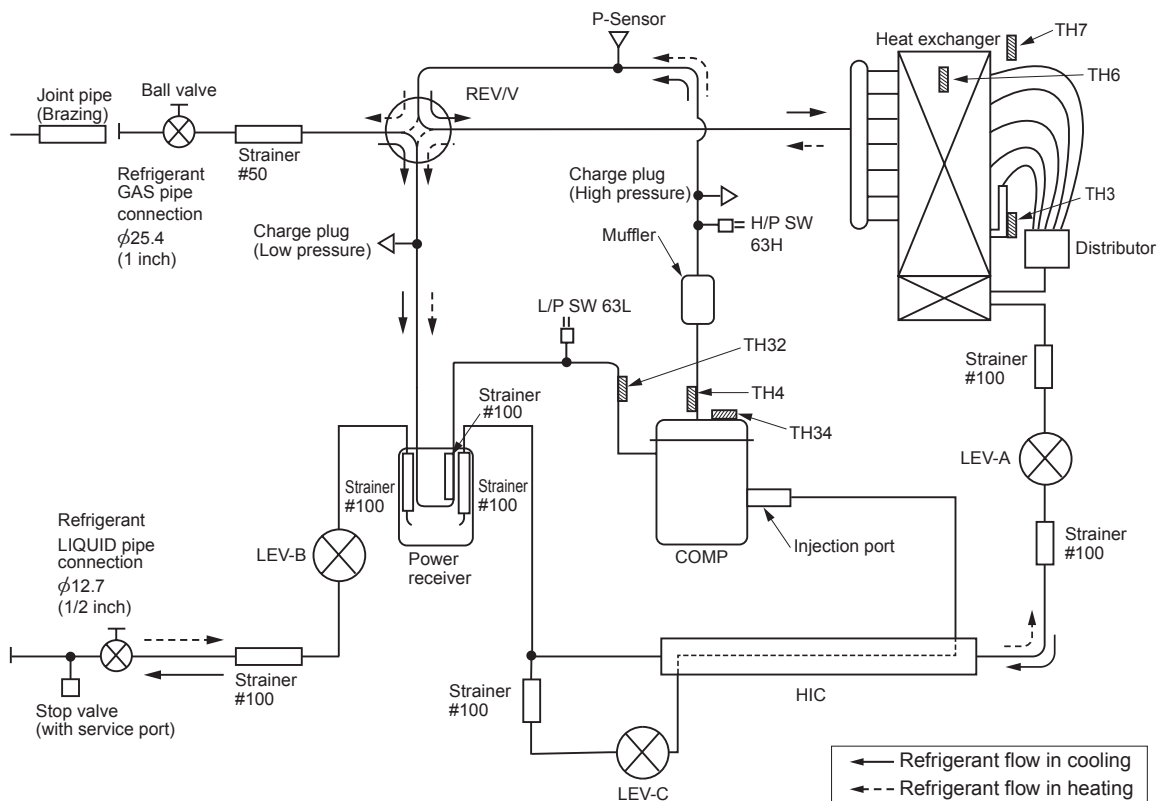
PUAZ-SHW140YHA(-BS)

Unit: mm



PUAZ-SHW230YKA2

Unit : mm

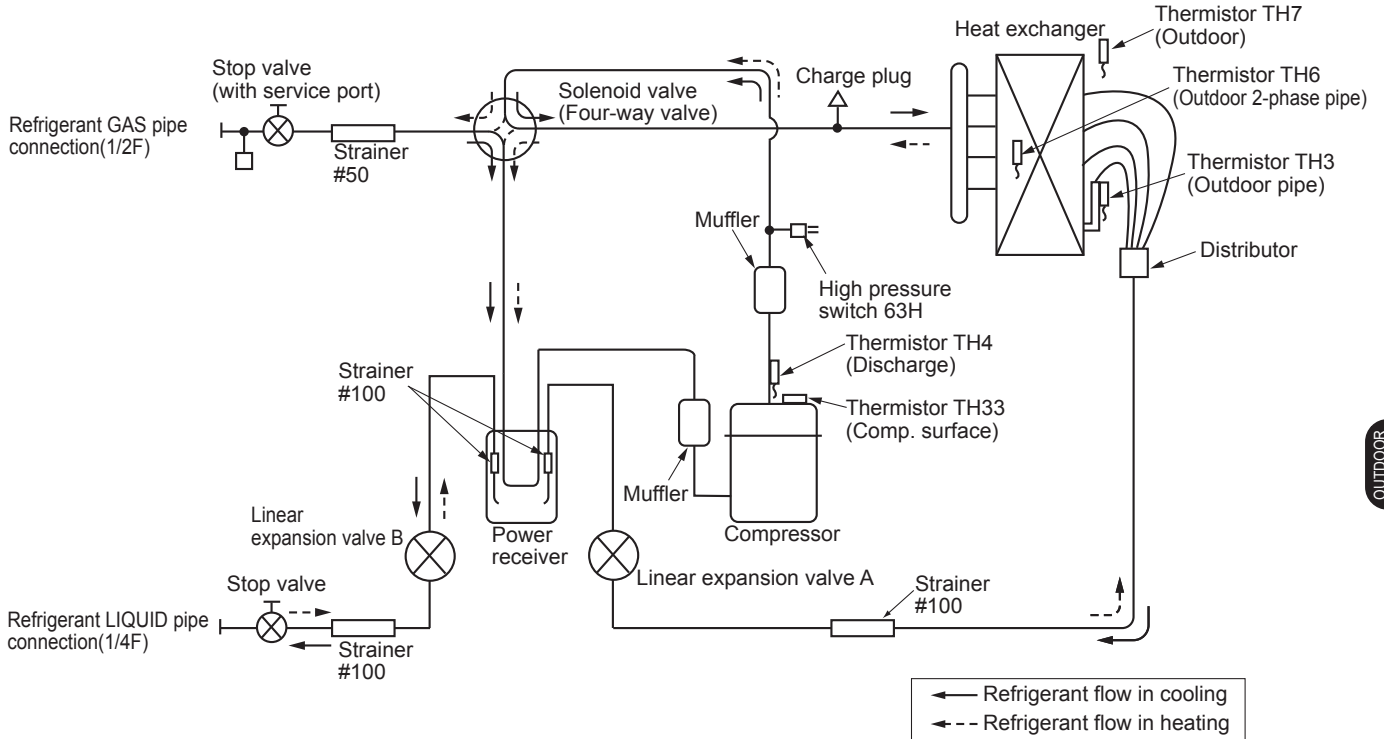


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

2. PUAZ-ZRP•HA2,KA2(3)

PUAZ-ZRP35VKA2
PUAZ-ZRP50VKA2

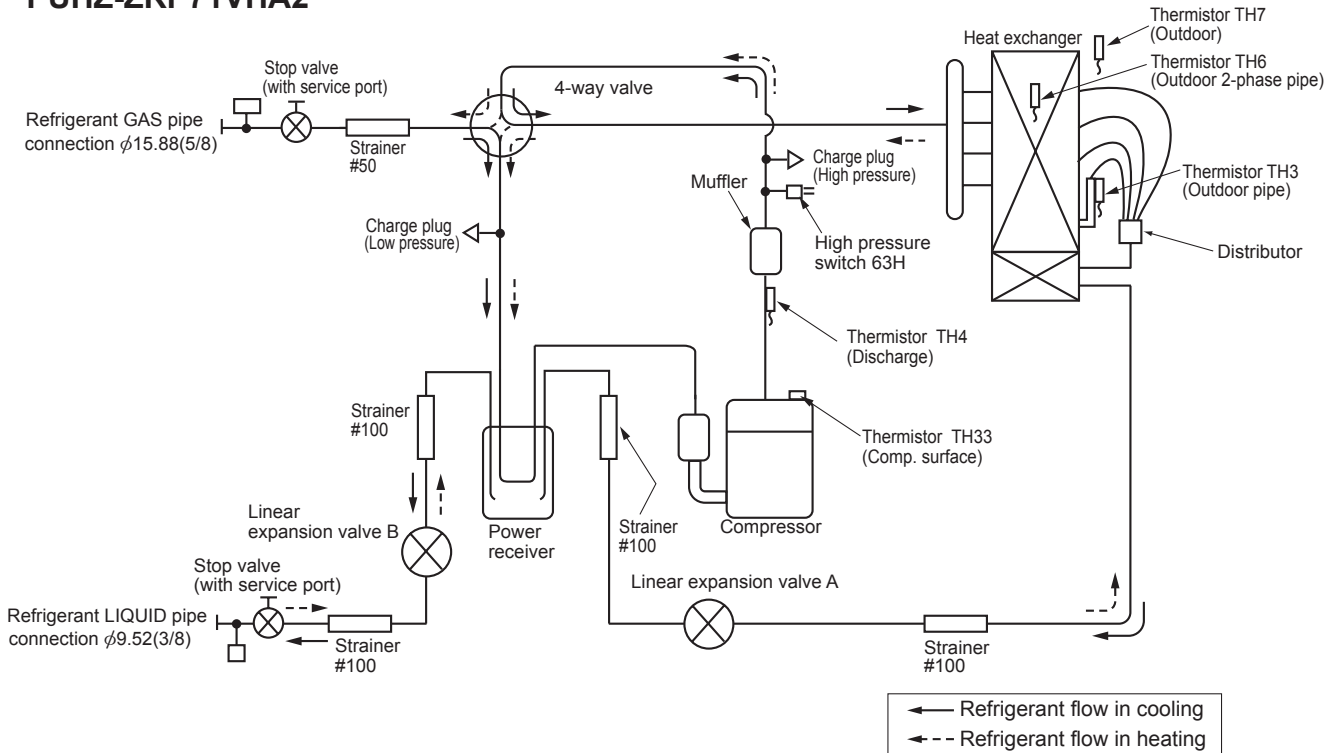
Unit: mm



OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

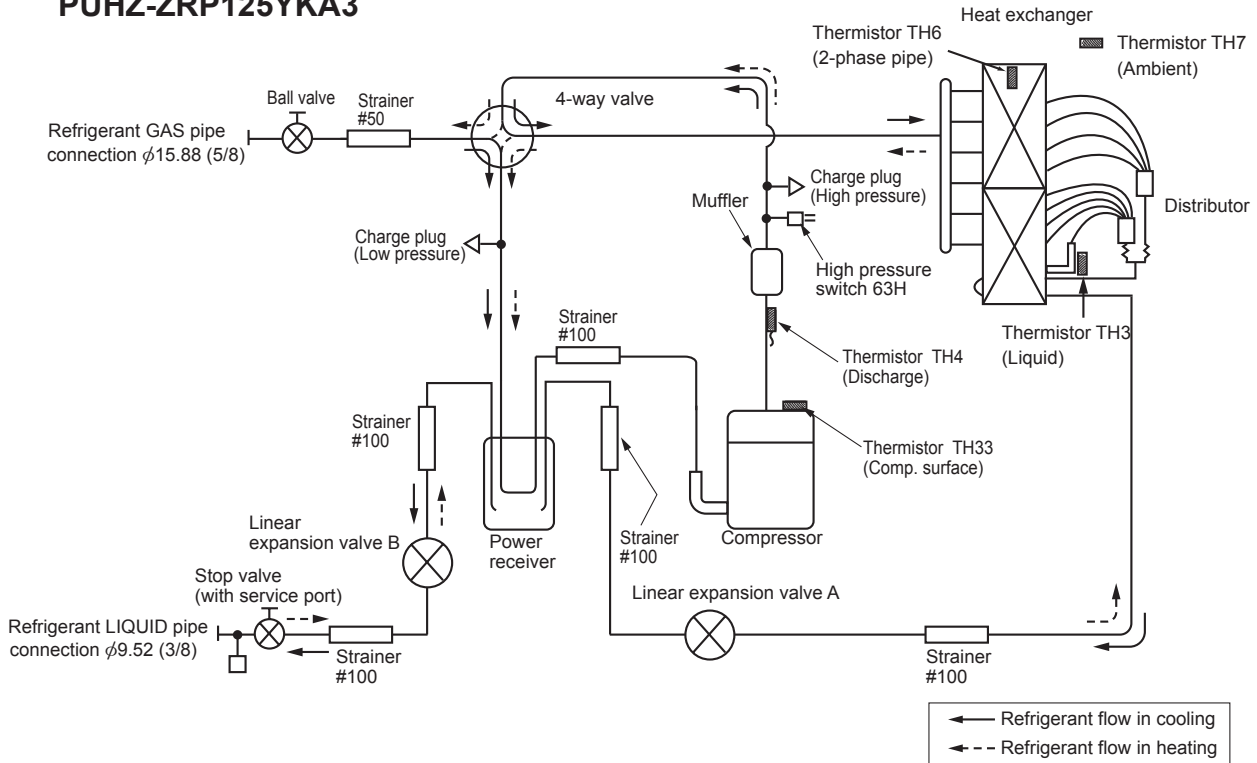
PUAZ-ZRP60VHA2
PUAZ-ZRP71VHA2

Unit : mm



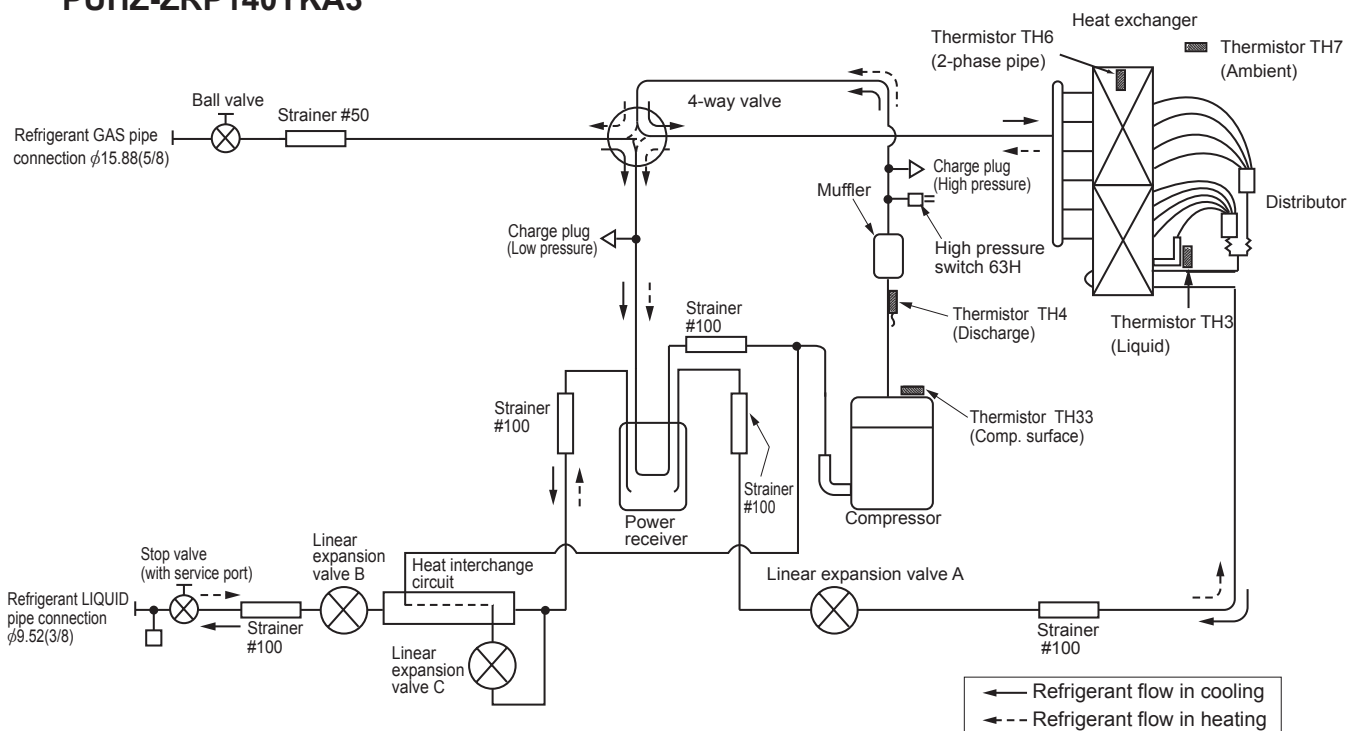
PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3

Unit: mm



PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3

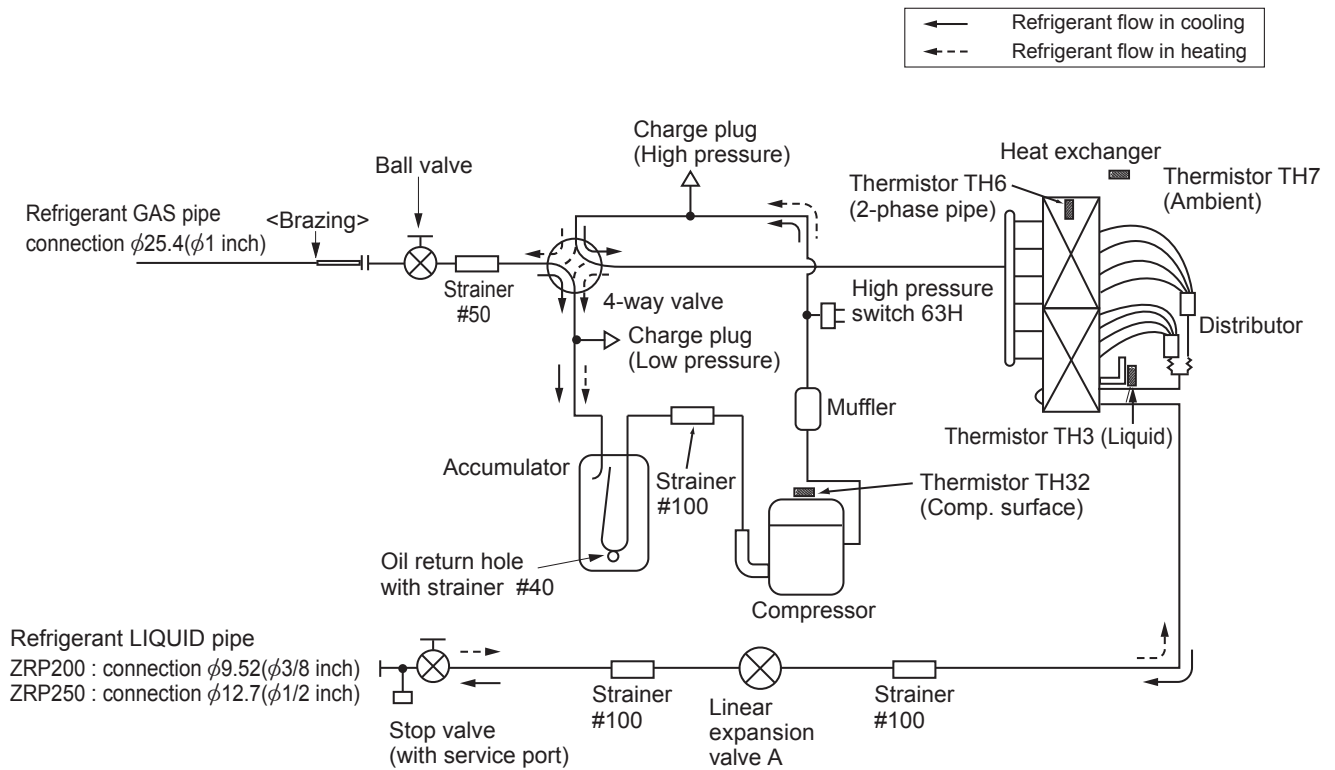
Unit : mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

Unit: mm



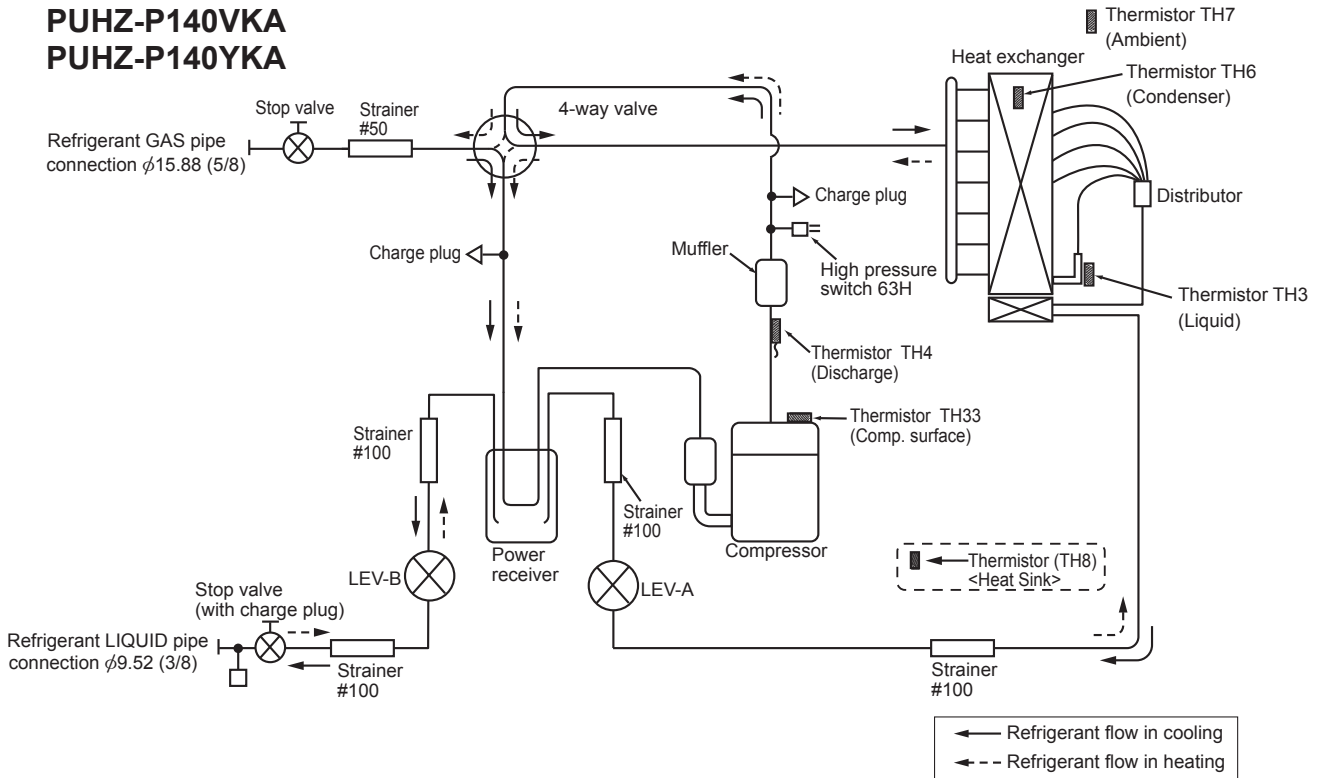
OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

3. PUHZ-P•KA

PUHZ-P100VKA
 PUHZ-P100YKA
 PUHZ-P125VKA
 PUHZ-P125YKA
 PUHZ-P140VKA
 PUHZ-P140YKA

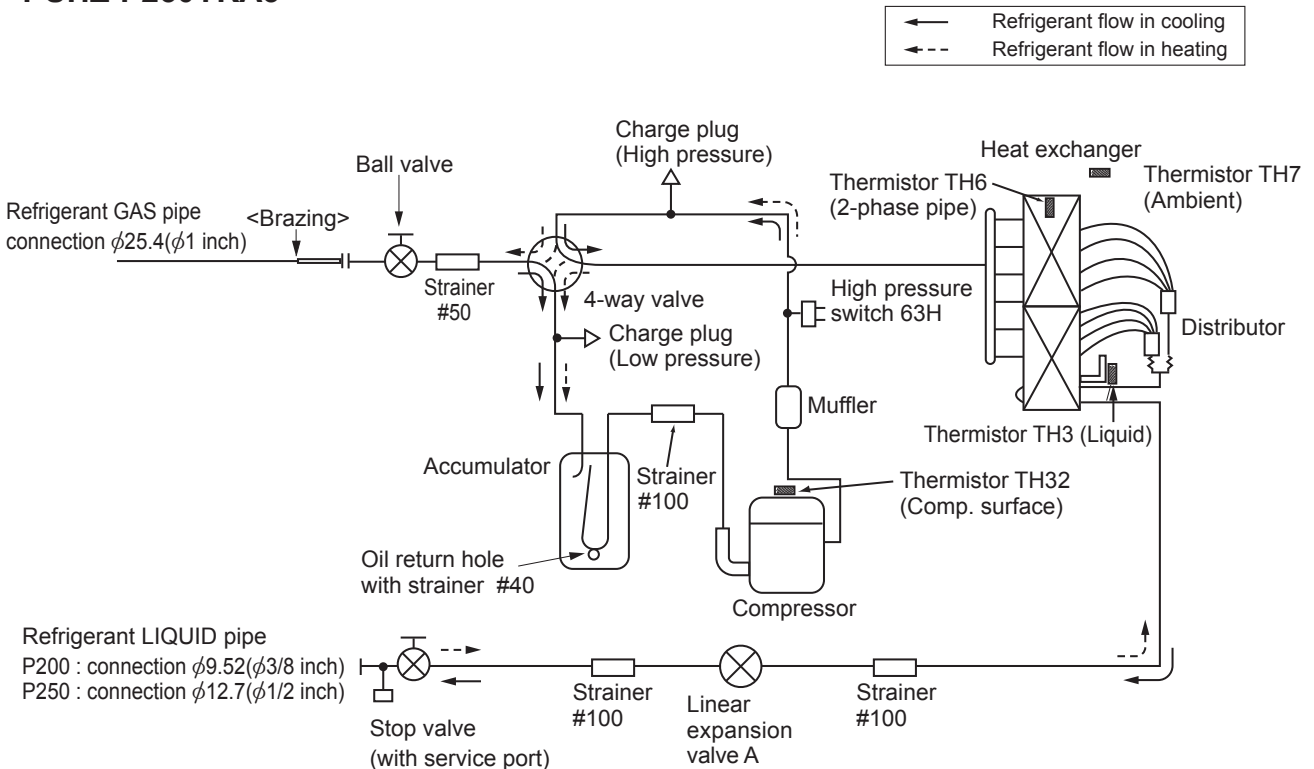
Unit: mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUHZ-P200YKA3
 PUHZ-P250YKA3

Unit : mm

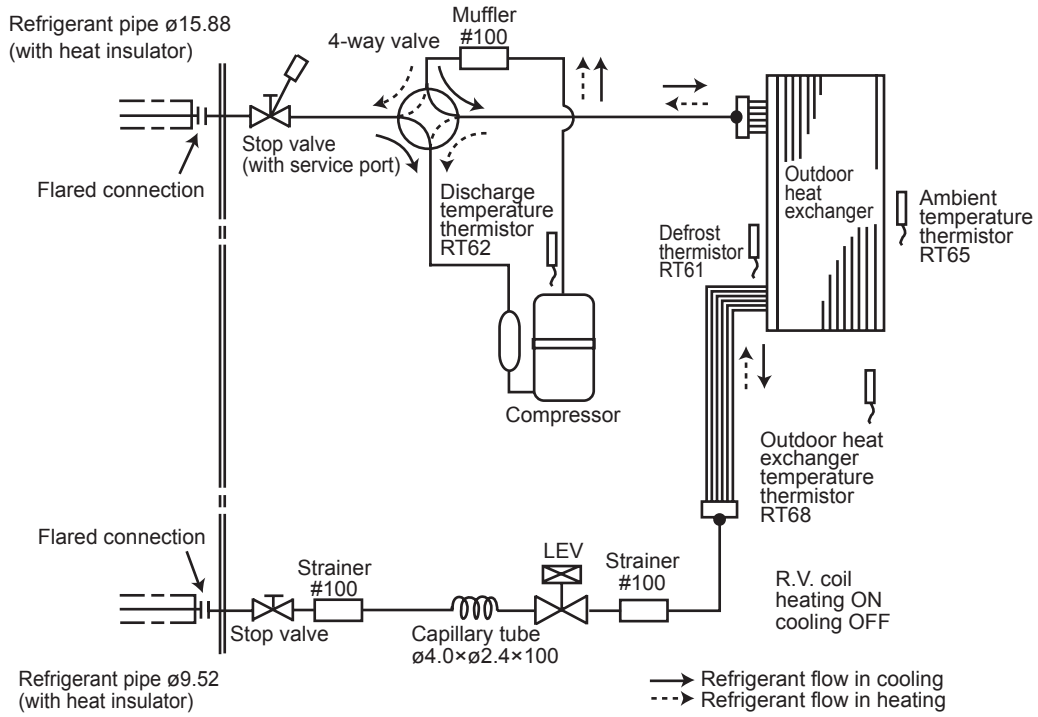


4. SUZ-SA•VA

SUZ-SA71VHA3

SUZ-SA100VA2

Unit: mm



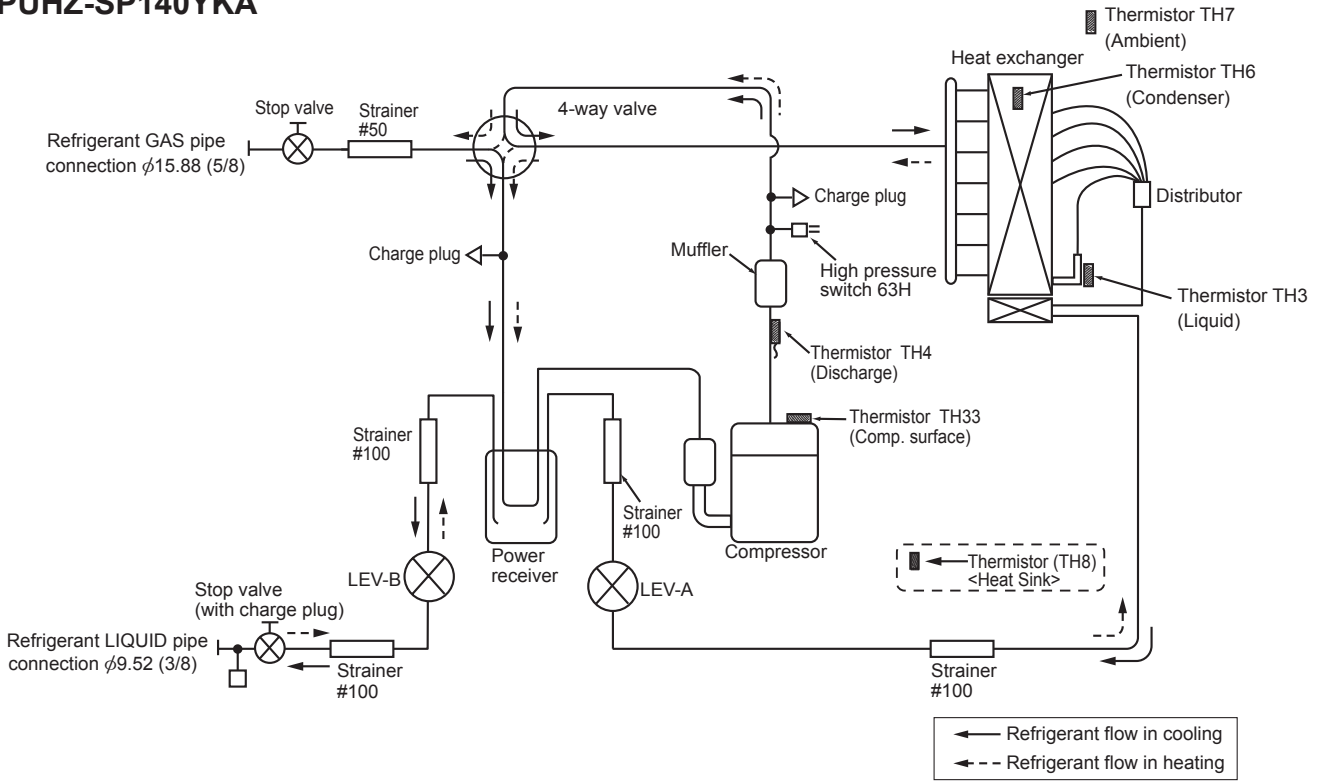
OUTDOOR
UNIT

REFRIGERANT SYSTEM DIAGRAM

5. PUHZ-SP•KA

PUHZ-SP100YKA
 PUHZ-SP125VKA
 PUHZ-SP125YKA
 PUHZ-SP140VKA
 PUHZ-SP140YKA

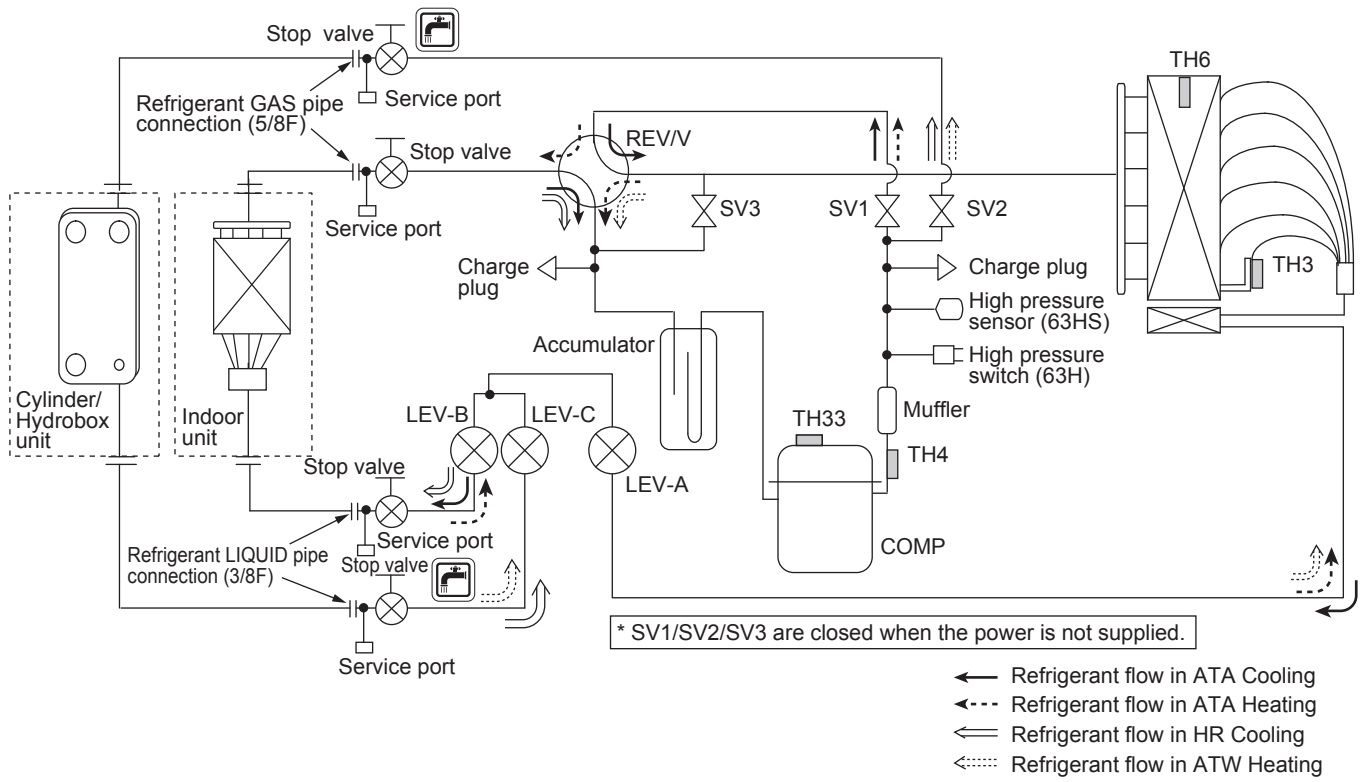
Unit: mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

6. PUHZ-FRP71VHA2

Unit: mm



OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

A.8.4 PERFORMANCE CURVES

A.8.4.1 R32 type [Without the optional Air protect guide]

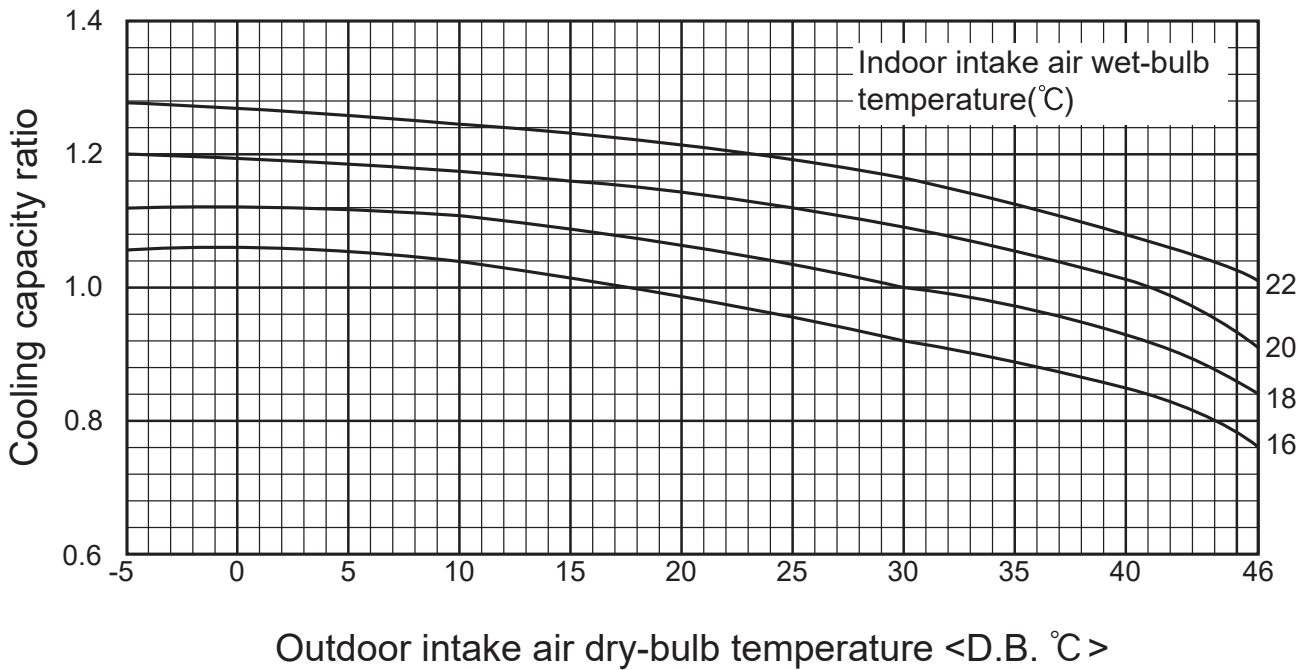
1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]

PUZ-ZM35VKA2
 PUZ-ZM50VKA2
 PUZ-ZM60VHA2
 PUZ-ZM71VHA2

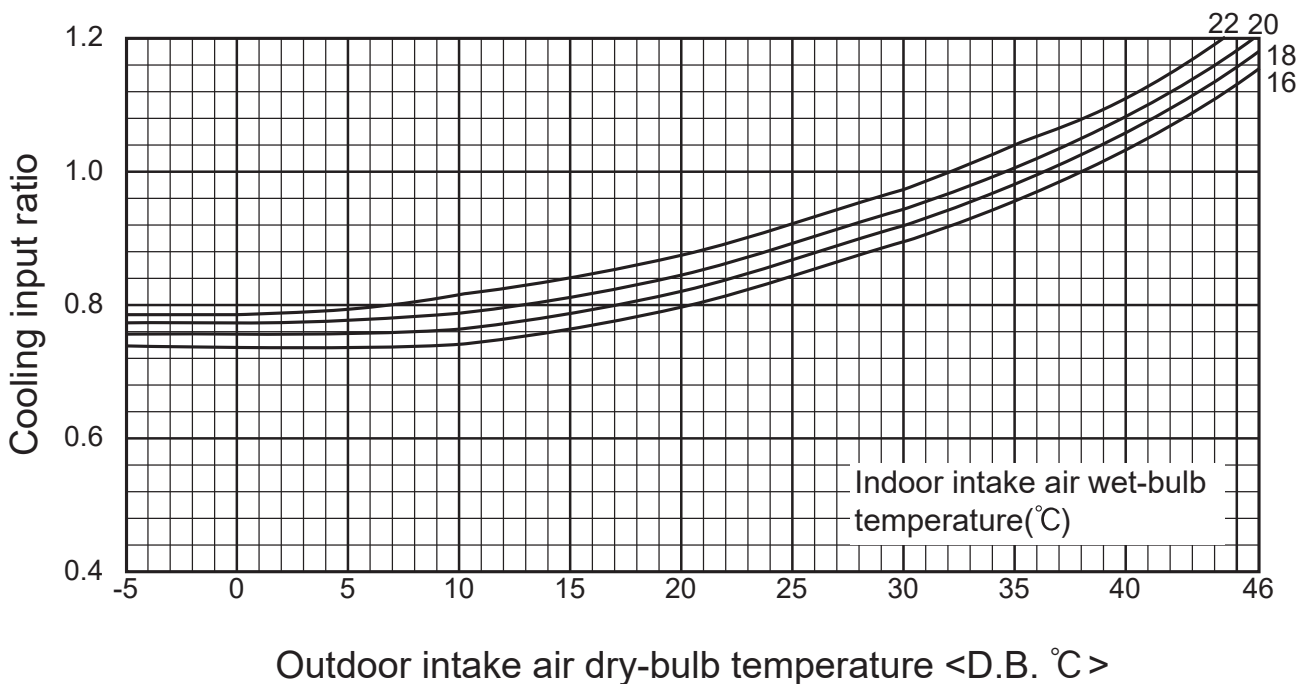
PUZ-ZM100VKA2
 PUZ-ZM125VKA2
 PUZ-ZM140VKA2

PUZ-ZM100YKA2
 PUZ-ZM125YKA2
 PUZ-ZM140YKA2

Cooling capacity



Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

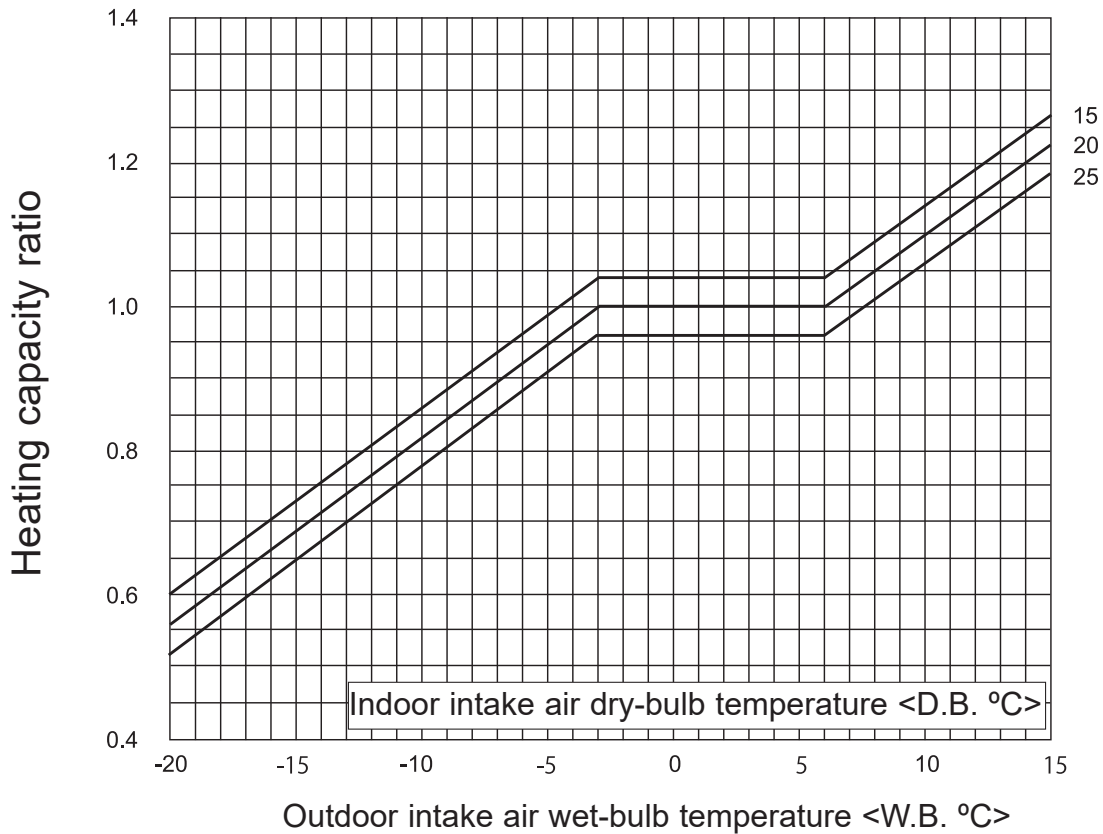
OUTDOOR UNIT PERFORMANCE CURVES

PUZ-ZM35VKA2
 PUZ-ZM50VKA2
 PUZ-ZM60VHA2
 PUZ-ZM71VHA2

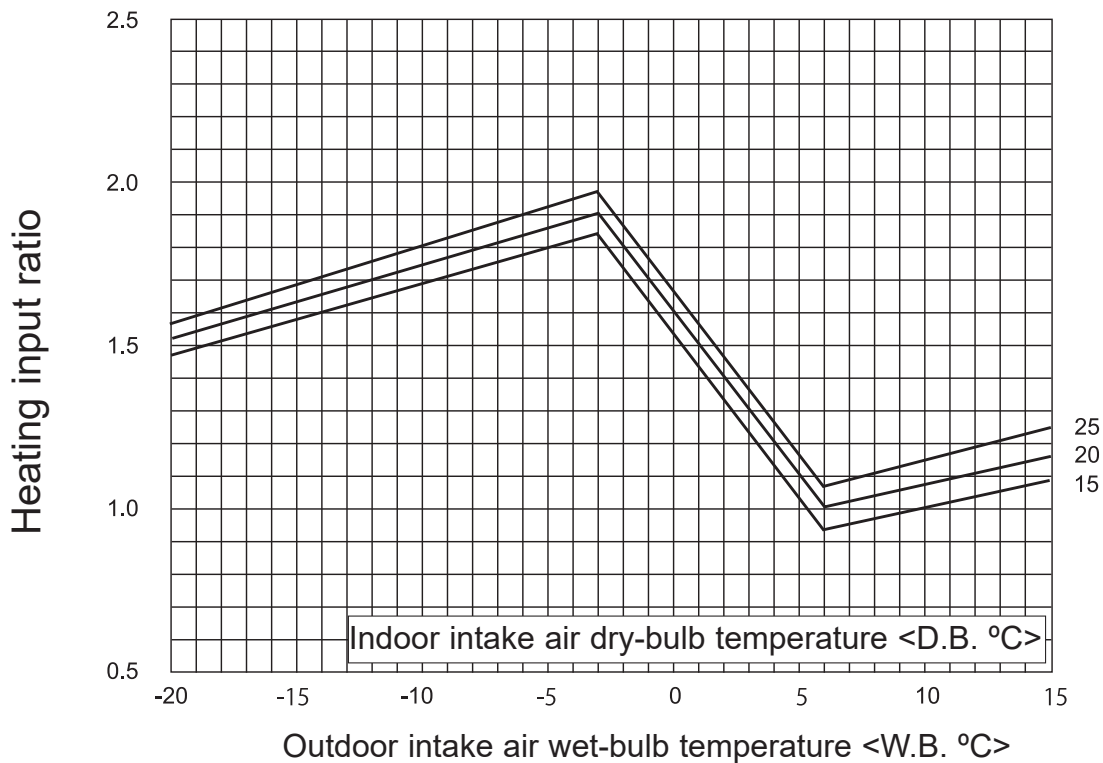
PUZ-ZM100VKA2
 PUZ-ZM125VKA2
 PUZ-ZM140VKA2

PUZ-ZM100YKA2
 PUZ-ZM125YKA2
 PUZ-ZM140YKA2

Heating capacity



Heating input



OUTDOOR UNIT
 PERFORMANCE CURVES

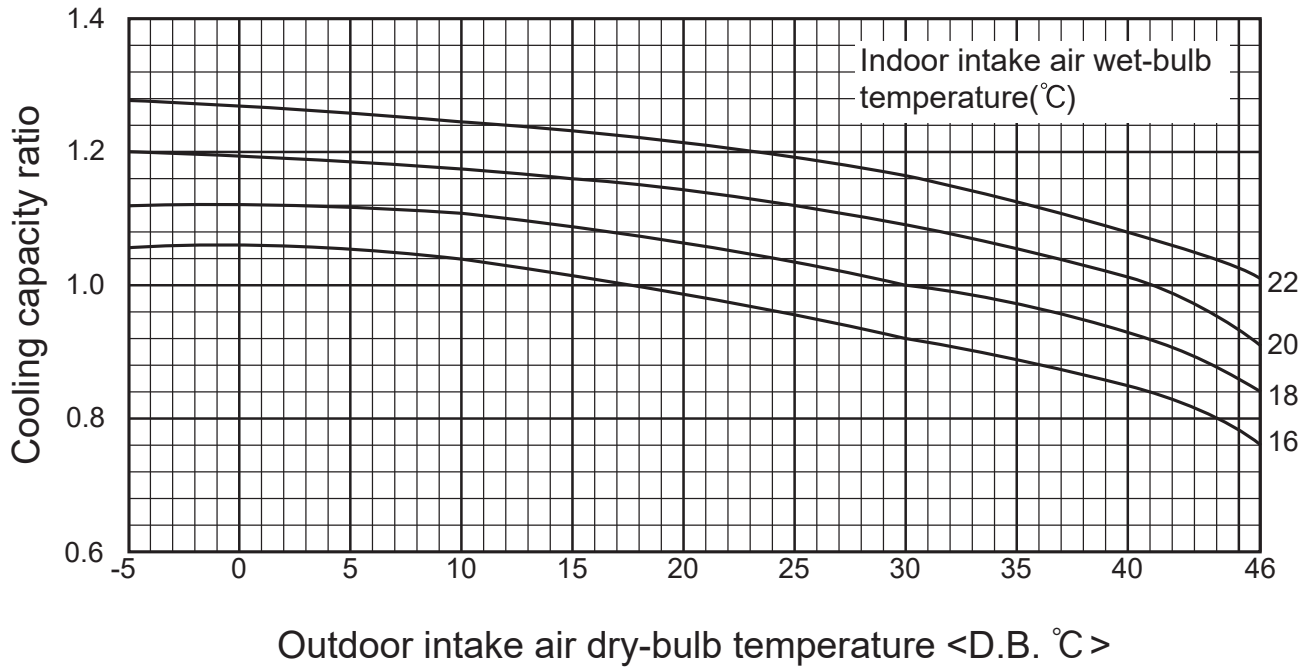
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M125VKA2
PUZ-M140VKA2

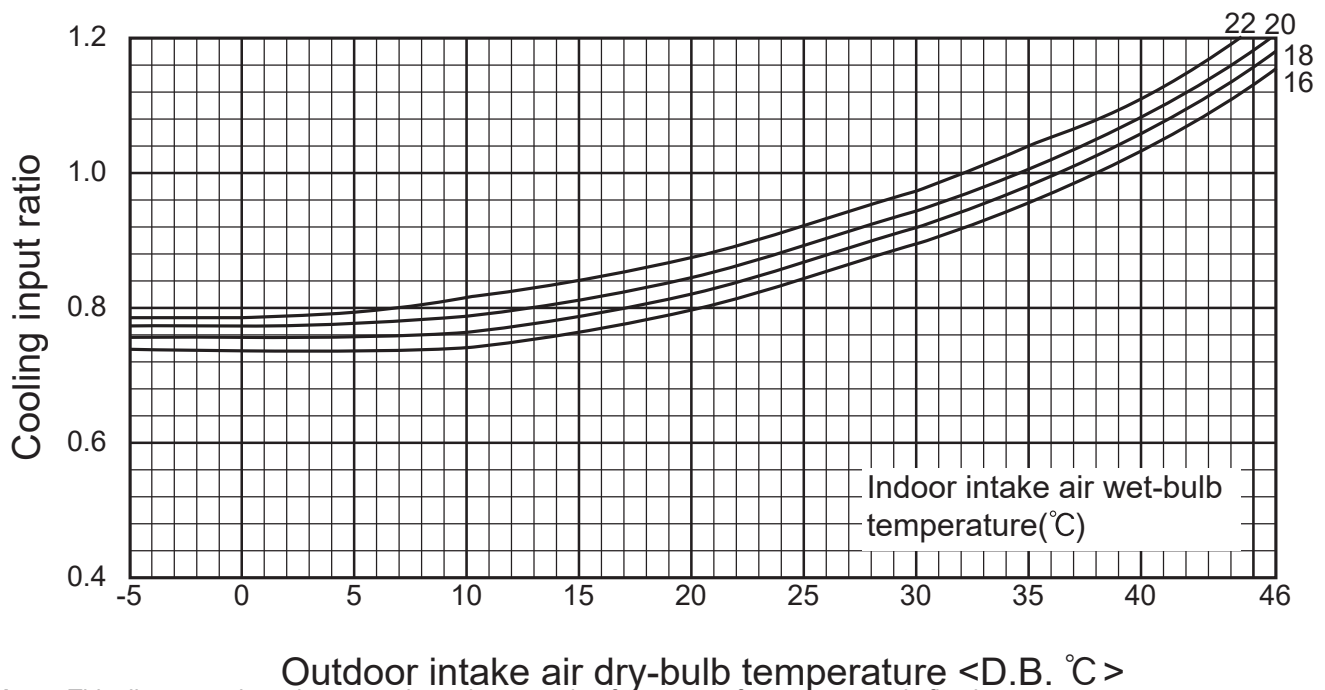
PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

PUZ-SM100VKA2
PUZ-SM125VKA2
PUZ-SM140VKA2
PUZ-SM100YKA2
PUZ-SM125YKA2
PUZ-SM140YKA2

Cooling capacity



Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

OUTDOOR UNIT PERFORMANCE CURVES

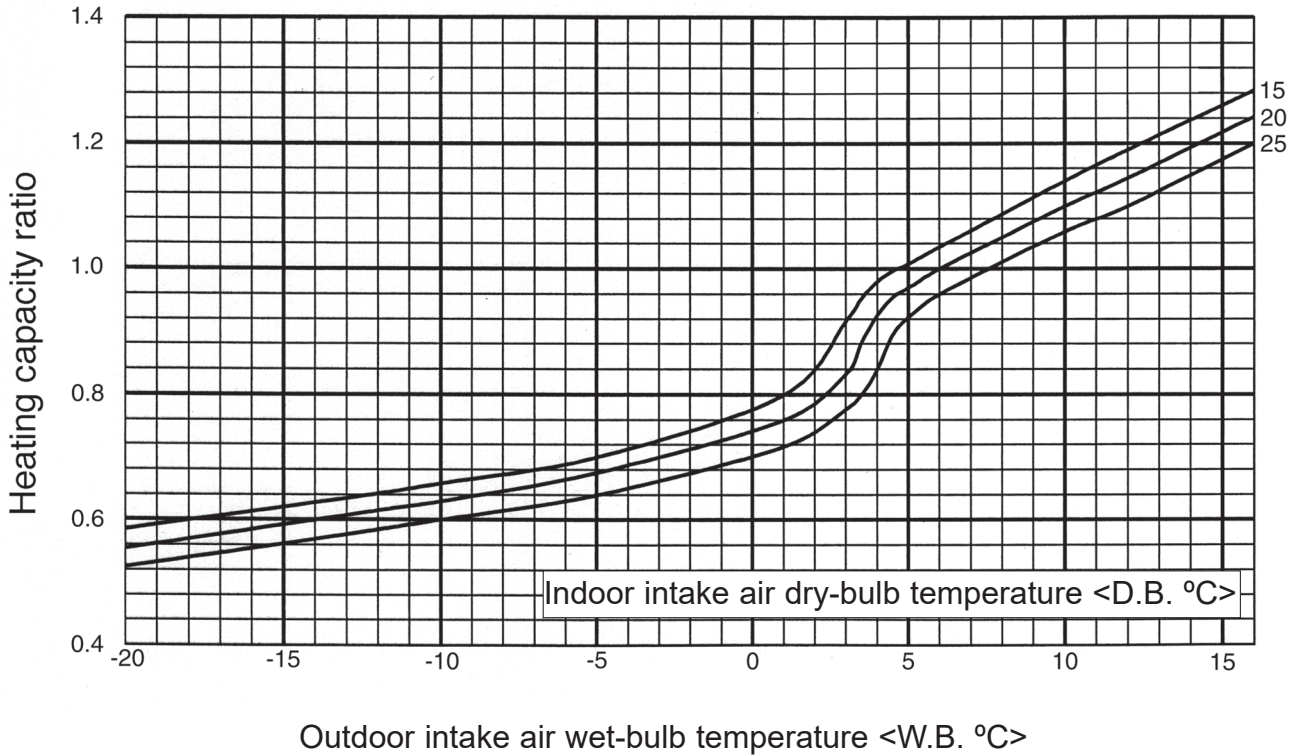
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M125VKA2
PUZ-M140VKA2

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

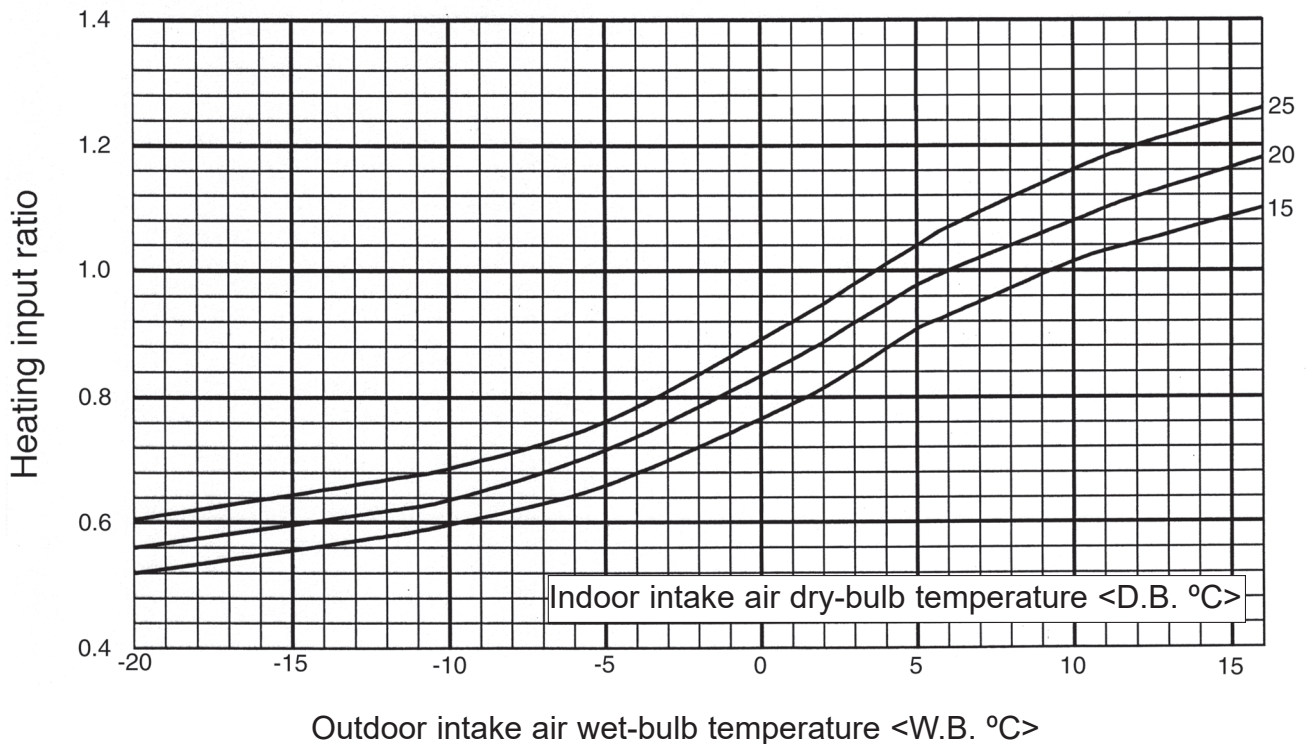
PUZ-SM100VKA2
PUZ-SM125VKA2
PUZ-SM140VKA2
PUZ-SM100YKA2
PUZ-SM125YKA2
PUZ-SM140YKA2

Heating capacity



OUTDOOR UNIT PERFORMANCE CURVES

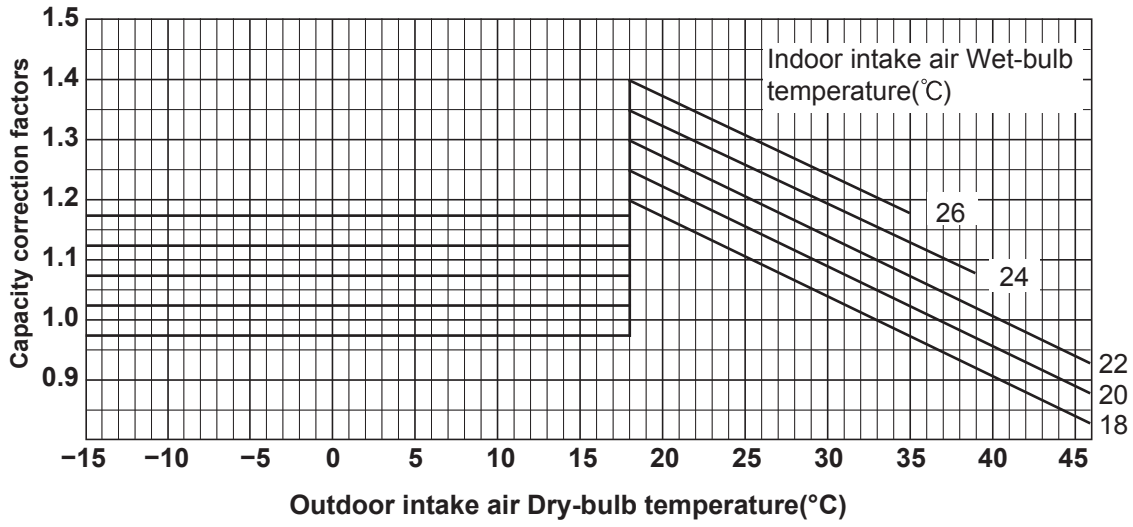
Heating input



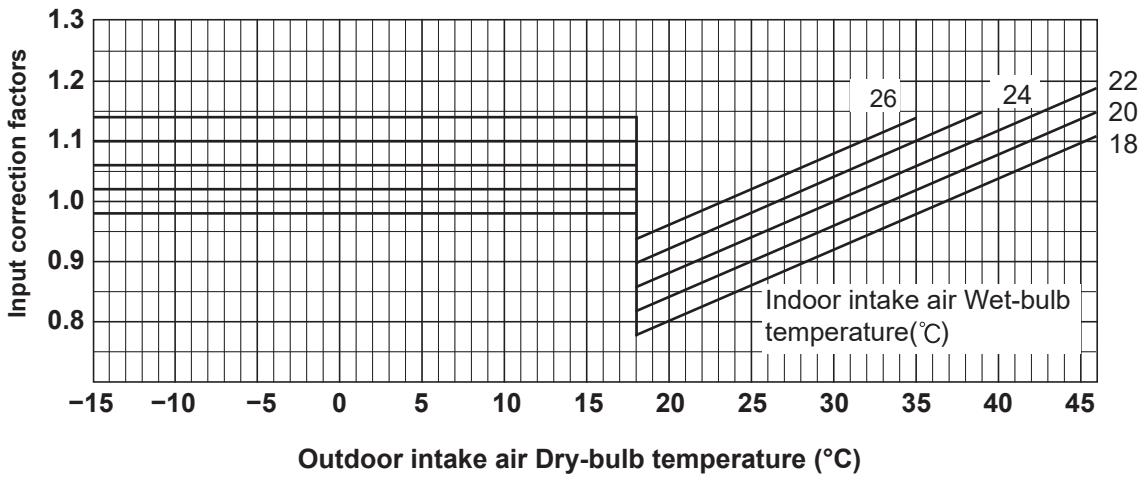
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

FOR THE COMBINATION OF OUTDOOR UNIT
SUZ-SM35VA SUZ-SM50VA SUZ-SM60VA SUZ-SM71VA

Cooling capacity



Total input (Cooling)



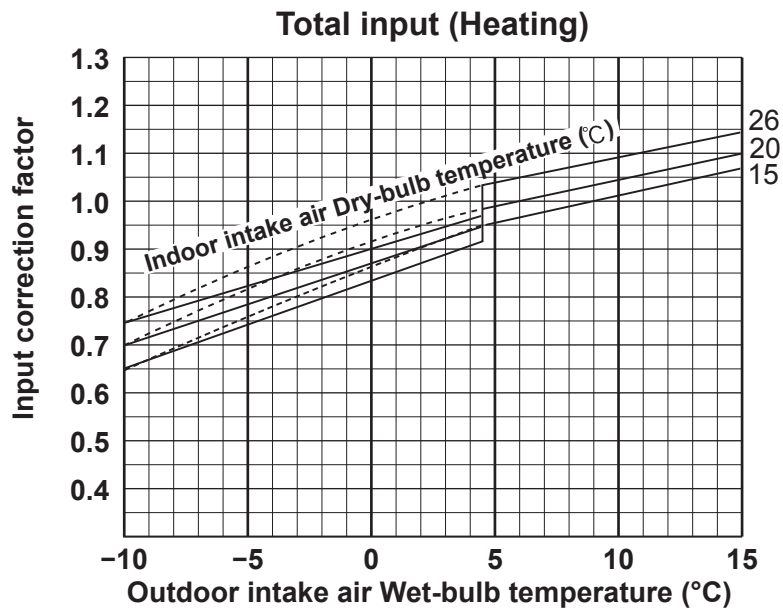
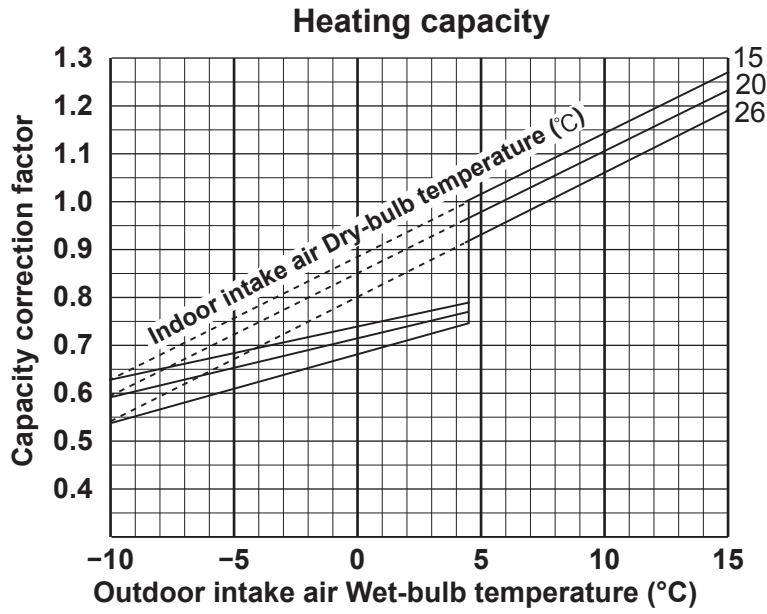
Lower limit of guaranteed operating range in cooling

SUZ-SM35VA : -10°C

SUZ-SM50, 60, 71VA: -15°C

OUTDOOR UNIT PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT
 SUZ-SM35VA SUZ-SM50VA SUZ-SM60VA SUZ-SM71VA



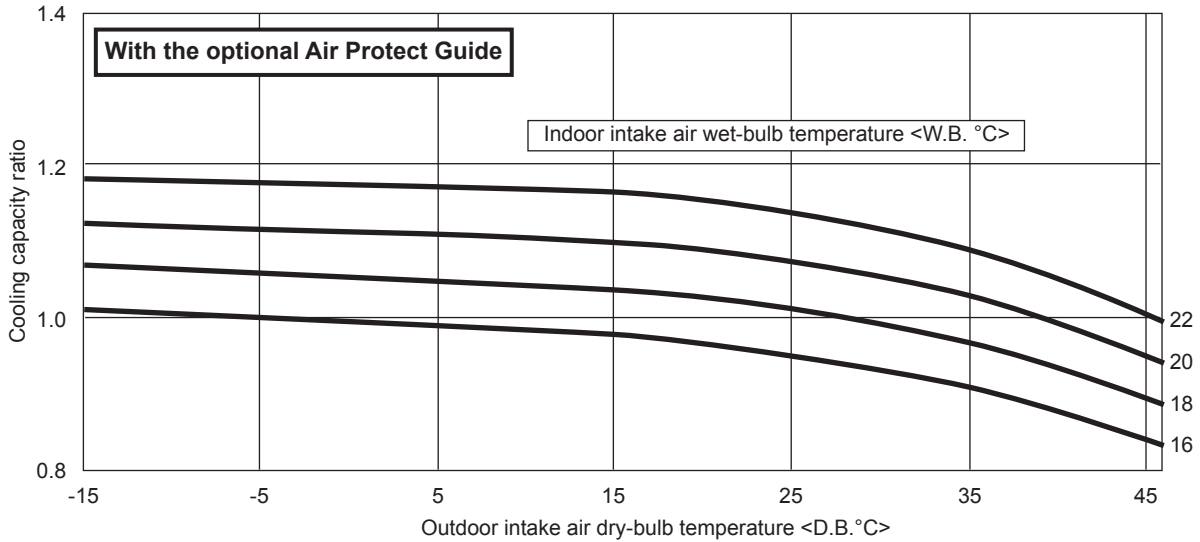
OUTDOOR UNIT

PERFORMANCE CURVES

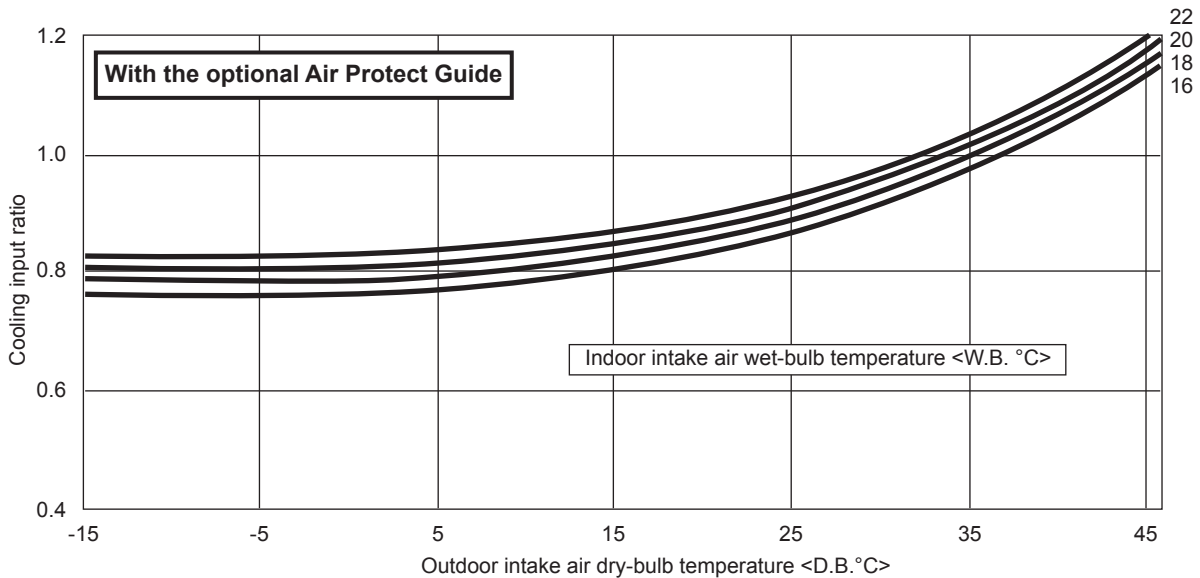
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



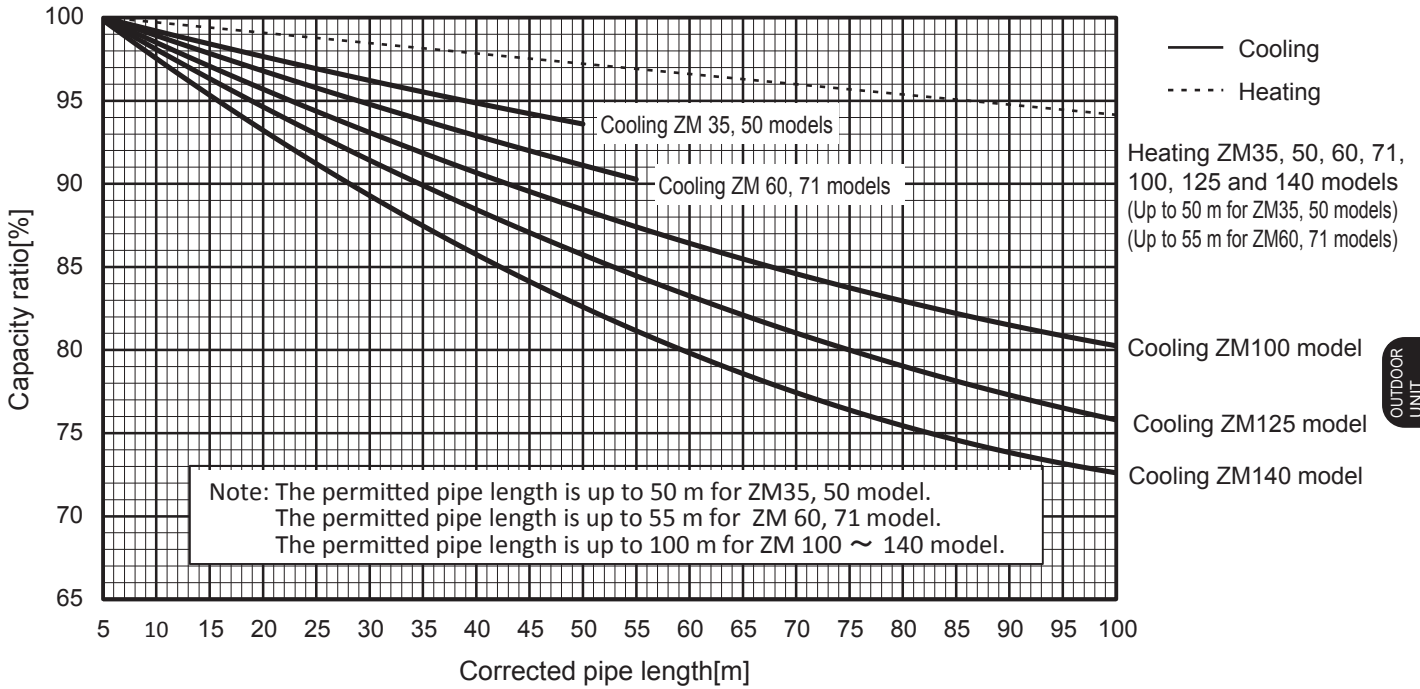
Cooling input



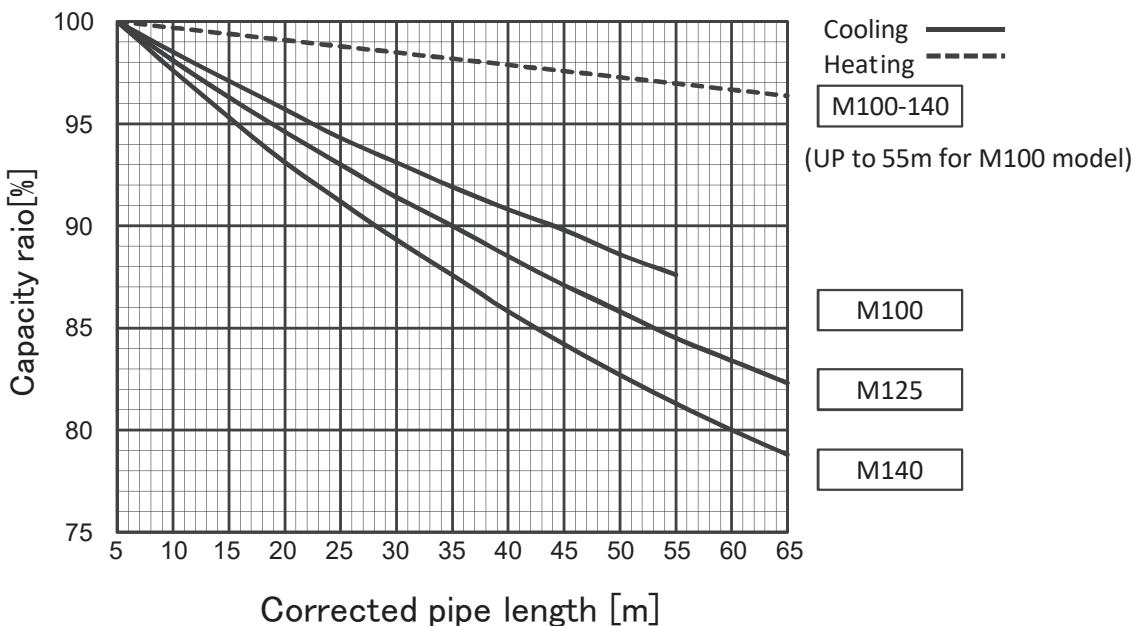
Applicable Models	Optional parts name	Optional parts No.	See page
PUZ-ZM35, 50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	E-262
PUZ-ZM60, 71		PAC-SH63AG-E	E-264
PUZ-ZM100, 125, 140, 200, 250 PUZ-M100, 125, 140, 200, 250 PUZ-SM100, 125, 140		PAC-SH95AG-E	E-267

3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

PUZ-ZM35VKA2 PUZ-ZM100VKA2 PUZ-ZM140VKA2
 PUZ-ZM50VKA2 PUZ-ZM100YKA2 PUZ-ZM140YKA2
 PUZ-ZM60VHA2 PUZ-ZM125VKA2
 PUZ-ZM71VHA2 PUZ-ZM125YKA2

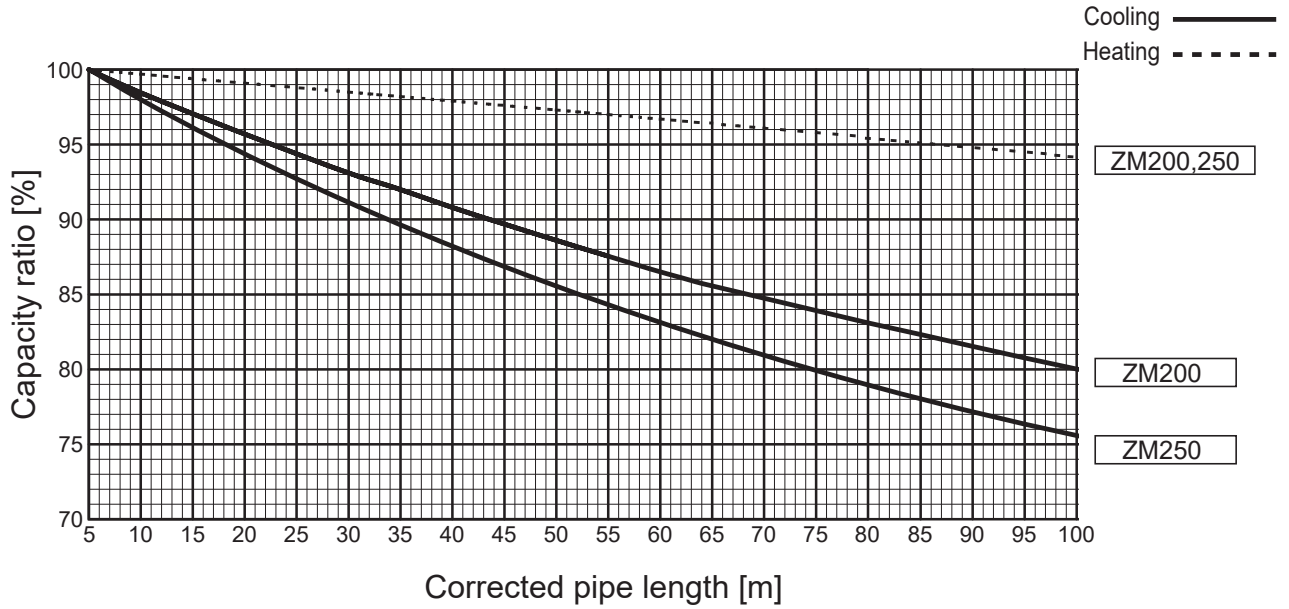


PUZ-M100VKA2 PUZ-M140VKA2
 PUZ-M100YKA2 PUZ-M140YKA2
 PUZ-M125VKA2
 PUZ-M125YKA2

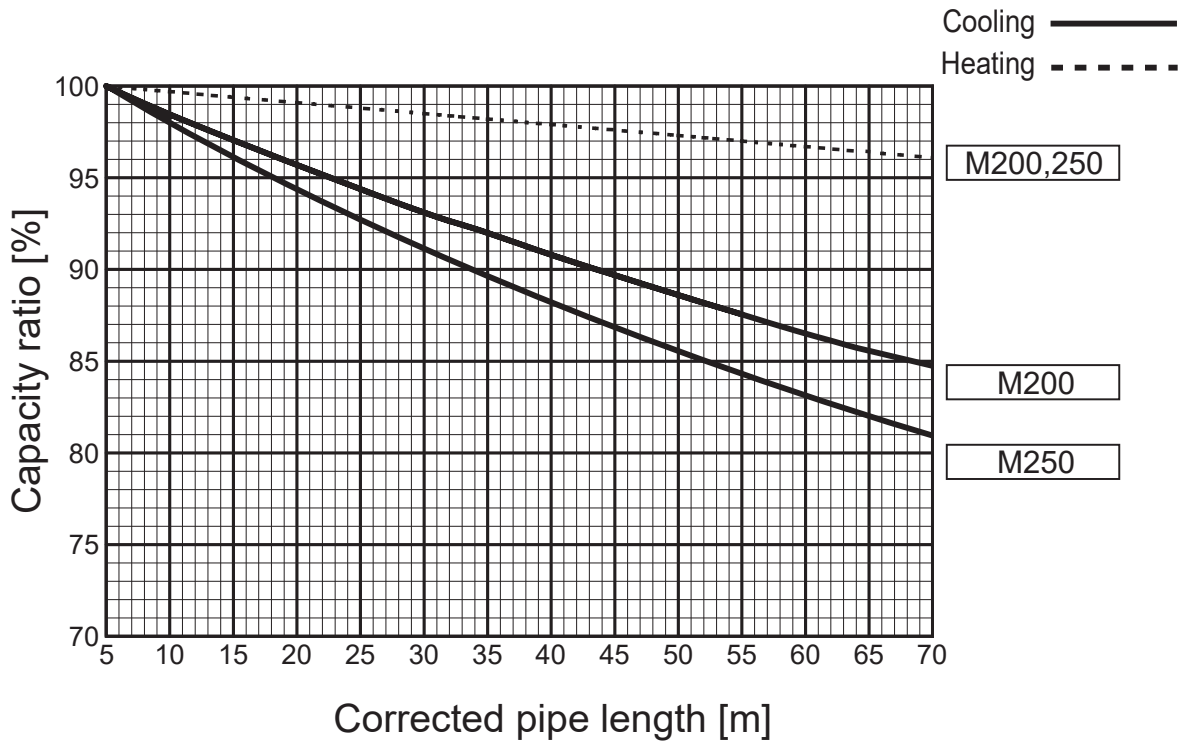


OUTDOOR UNIT PERFORMANCE CURVES

PUZ-ZM200YKA2
PUZ-ZM250YKA2

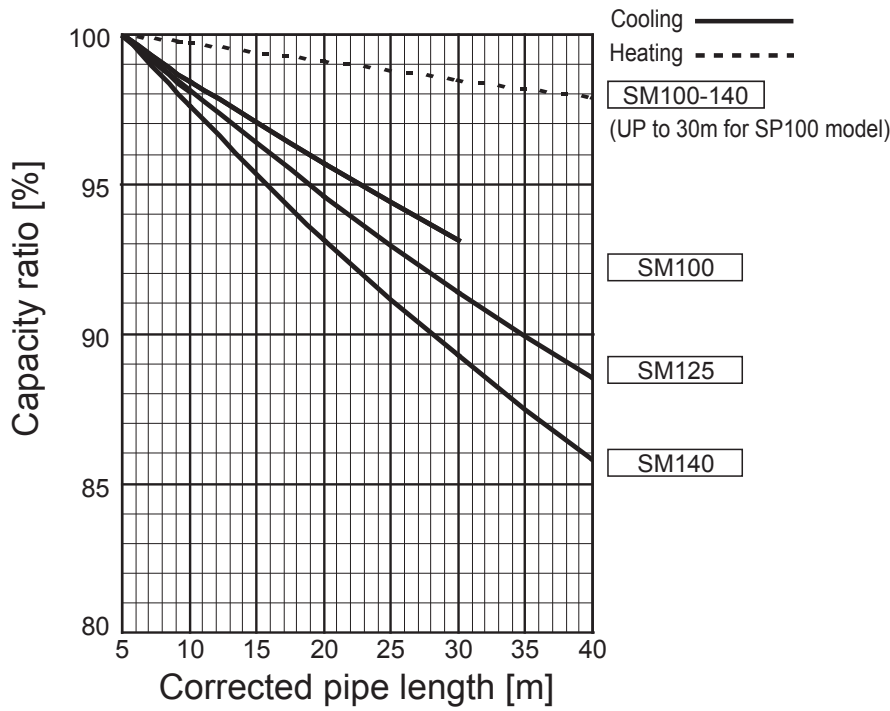


PUZ-M200YKA2
PUZ-M250YKA2



OUTDOOR UNIT PERFORMANCE CURVES

PUZ-SM100VKA2
PUZ-SM100YKA2
PUZ-SM125VKA2
PUZ-SM125YKA2
PUZ-SM140VKA2
PUZ-SM140YKA2

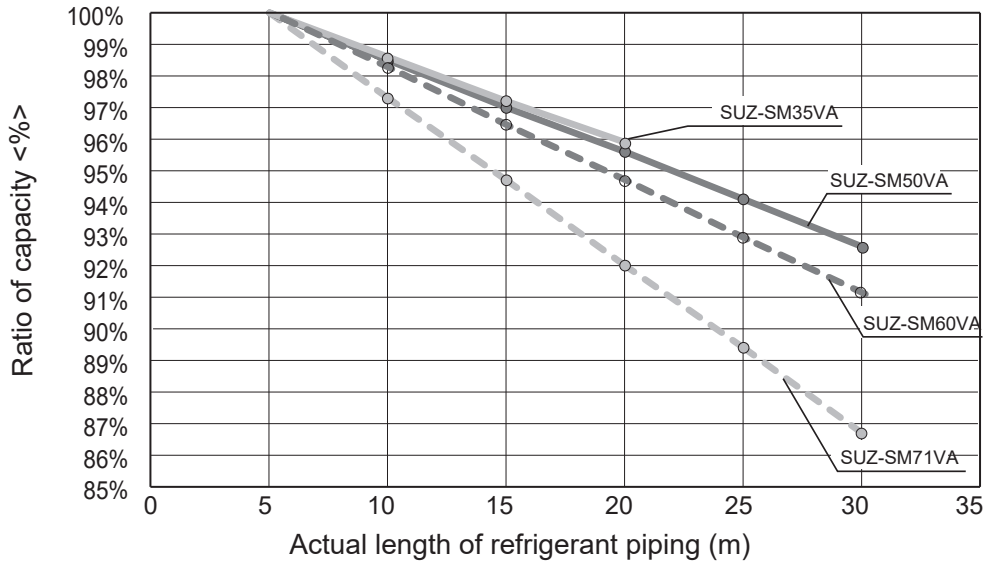


OUTDOOR UNIT

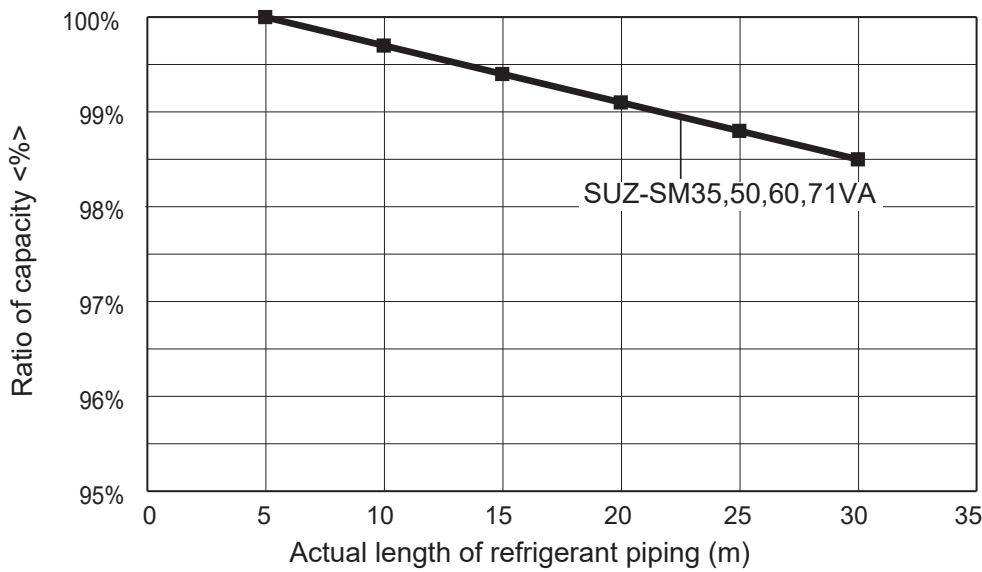
PERFORMANCE CURVES

SUZ-SM35VA
SUZ-SM50VA
SUZ-SM60VA
SUZ-SM71VA

Correction ratio of capacity according to the length of piping (cooling)



Correction ratio of capacity according to the length of piping (heating)



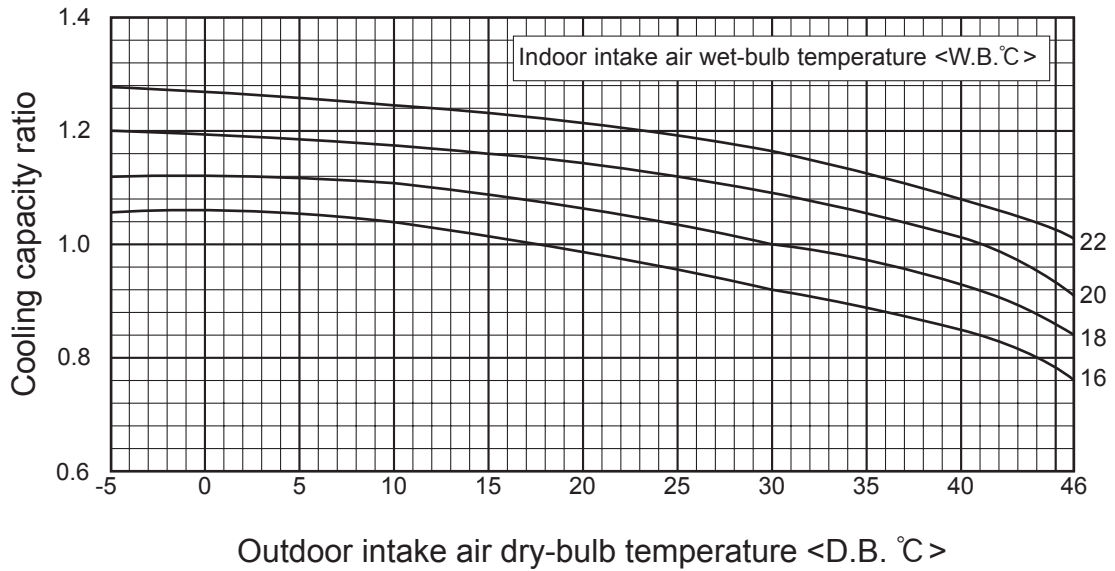
● Up to 20m for SM35model.

OUTDOOR UNIT PERFORMANCE CURVES

A.8.4.2 R410A type

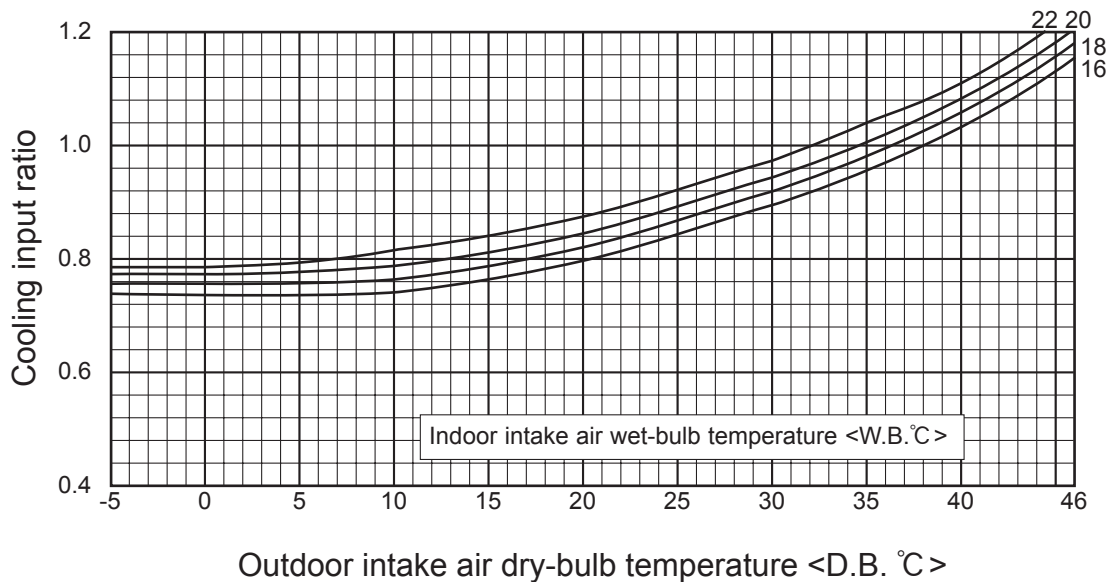
**1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]
FOR THE COMBINATION OF OUTDOOR UNIT PUHZ-SHW•HA(-BS) PUHZ-SHW•KA**

Cooling capacity



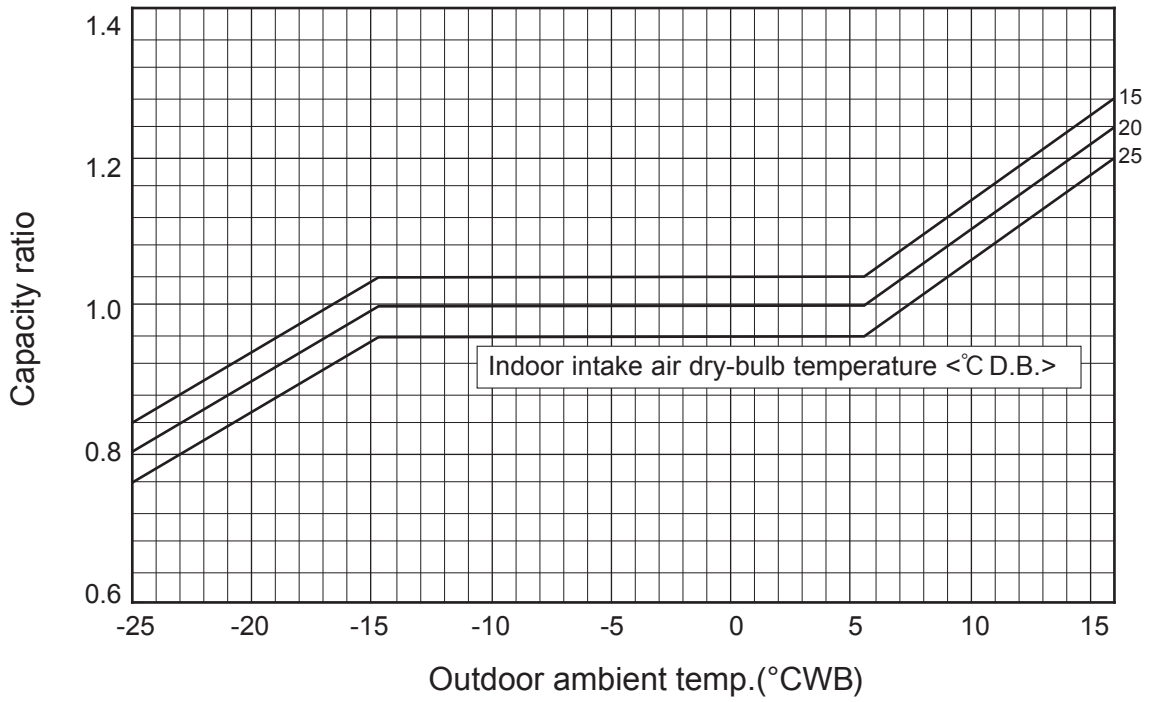
OUTDOOR UNIT PERFORMANCE CURVES

Cooling input

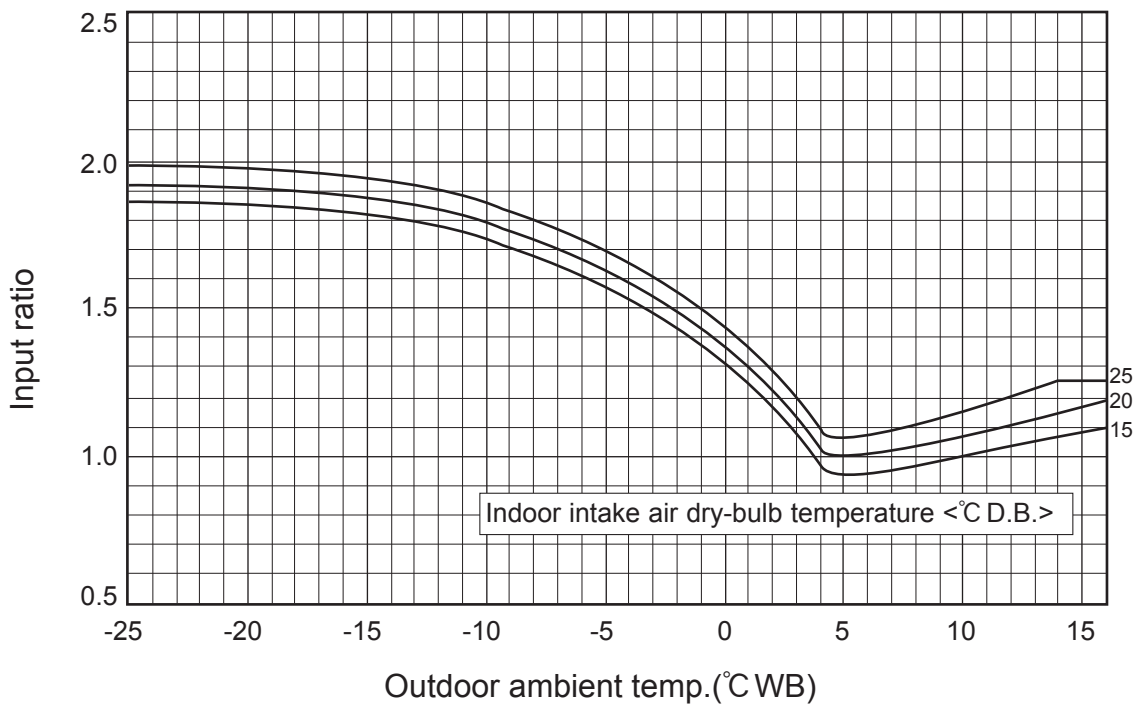


Note : This diagrams show the case where the operation frequency of a compressor is fixed.

Heating capacity



Heating input



OUTDOOR UNIT PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT

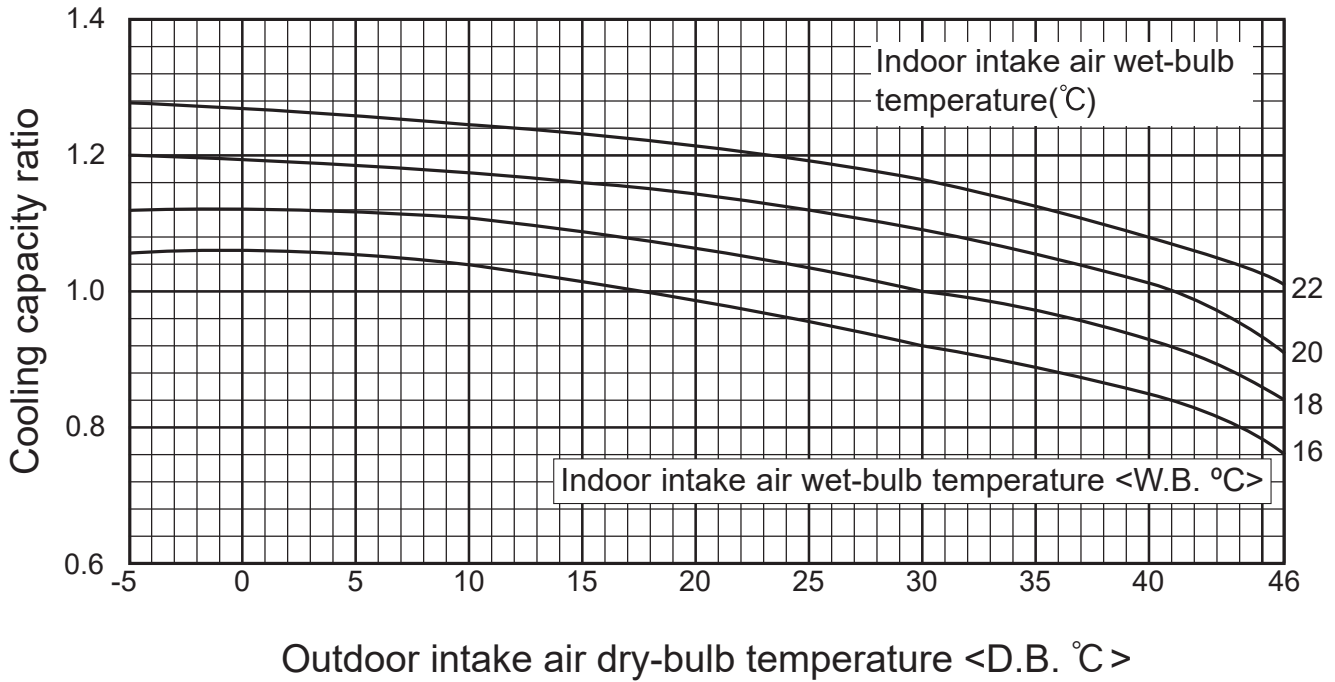
PUHZ-ZRP35VKA2
 PUHZ-ZRP50VKA2
 PUHZ-ZRP60VHA2
 PUHZ-ZRP71VHA2

PUHZ-ZRP100VKA3
 PUHZ-ZRP100YKA3
 PUHZ-ZRP125VKA3
 PUHZ-ZRP125YKA3
 PUHZ-ZRP140VKA3
 PUHZ-ZRP140YKA3
 PUHZ-ZRP200YKA3
 PUHZ-ZRP250YKA3

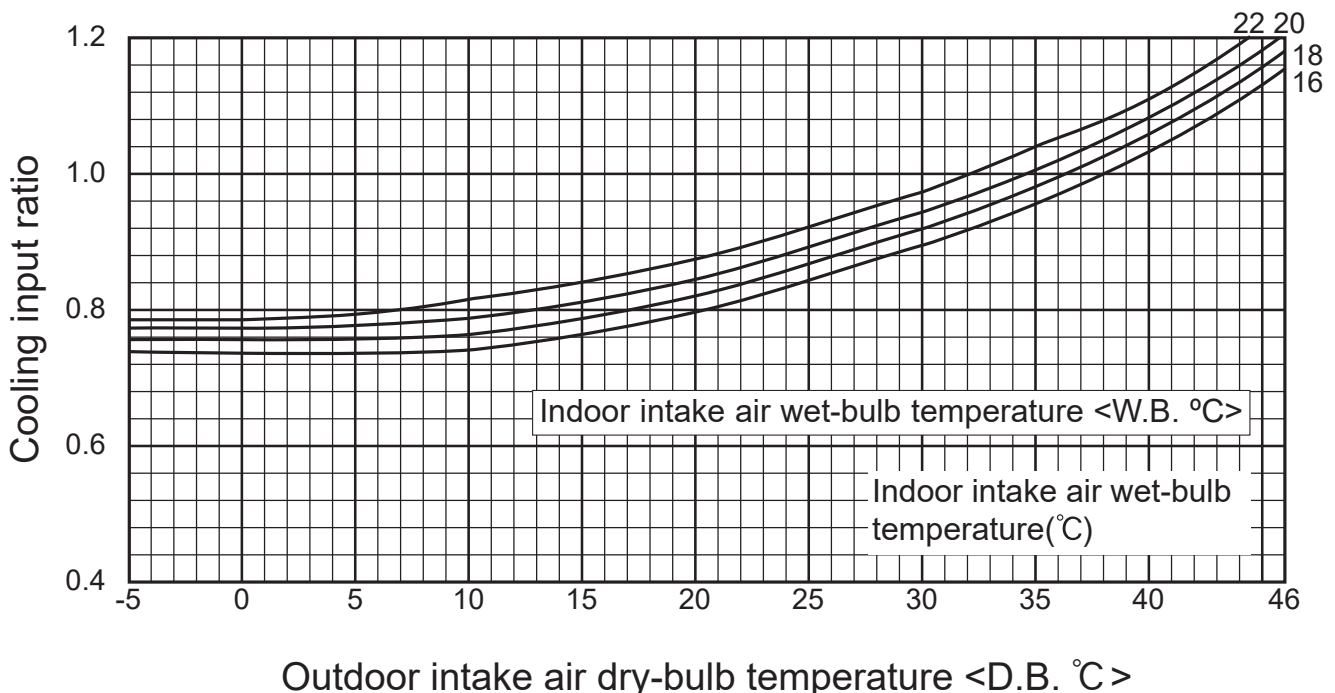
PUHZ-P100VKA
 PUHZ-P100YKA
 PUHZ-P125VKA
 PUHZ-P125YKA
 PUHZ-P140VKA
 PUHZ-P140YKA
 PUHZ-P200YKA3
 PUHZ-P250YKA3

PUHZ-SP100YKA
 PUHZ-SP125VKA
 PUHZ-SP125YKA
 PUHZ-SP140VKA
 PUHZ-SP140YKA
 PUHZ-FRP71VHA2

Cooling capacity



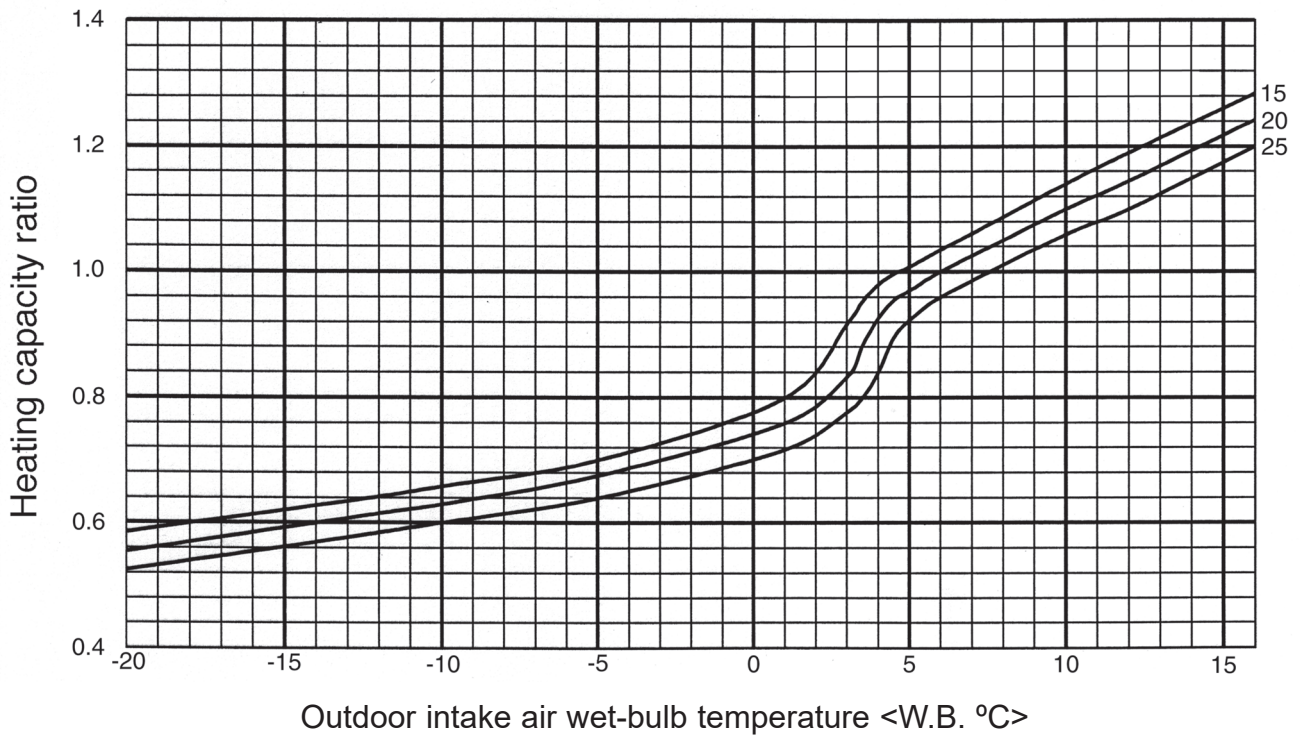
Cooling input



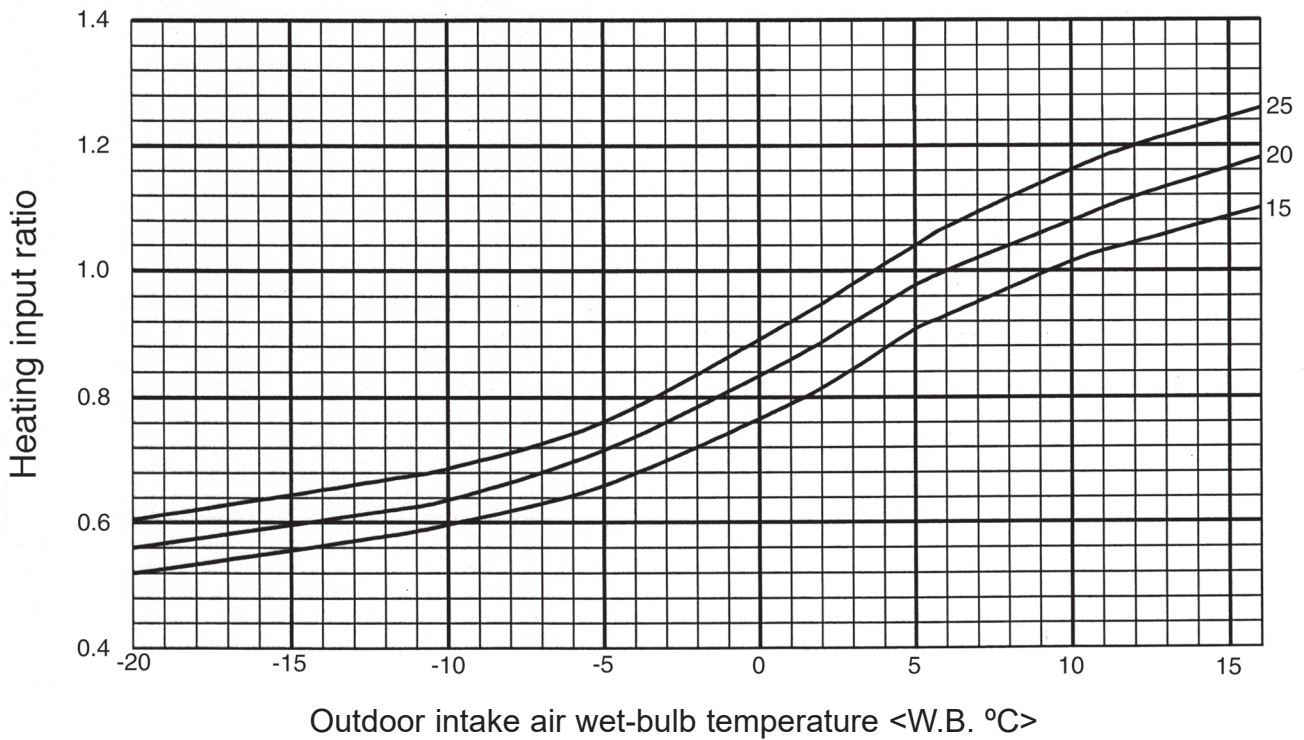
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

OUTDOOR UNIT PERFORMANCE CURVES

Heating capacity



Heating input



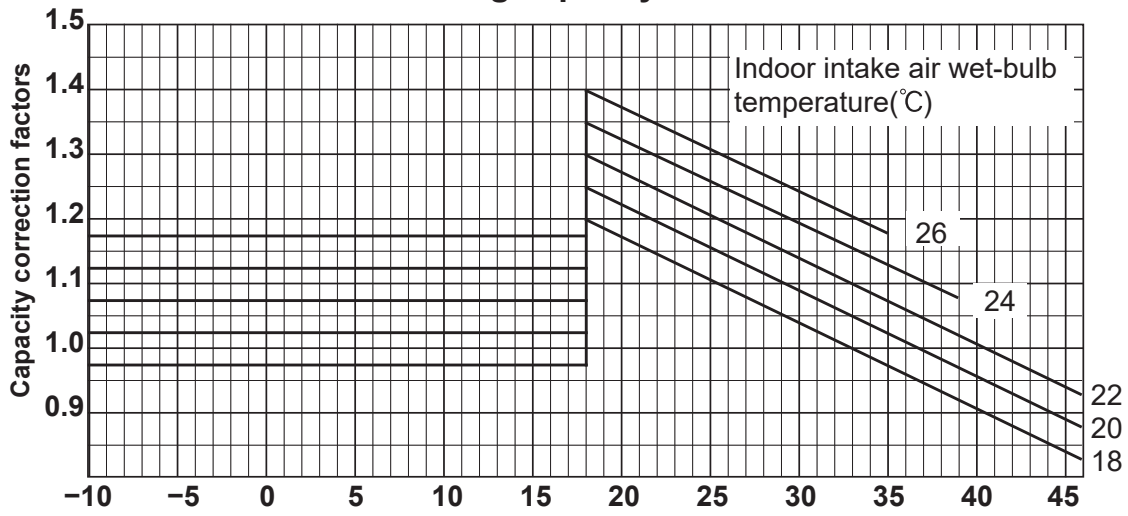
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

OUTDOOR UNIT PERFORMANCE CURVES

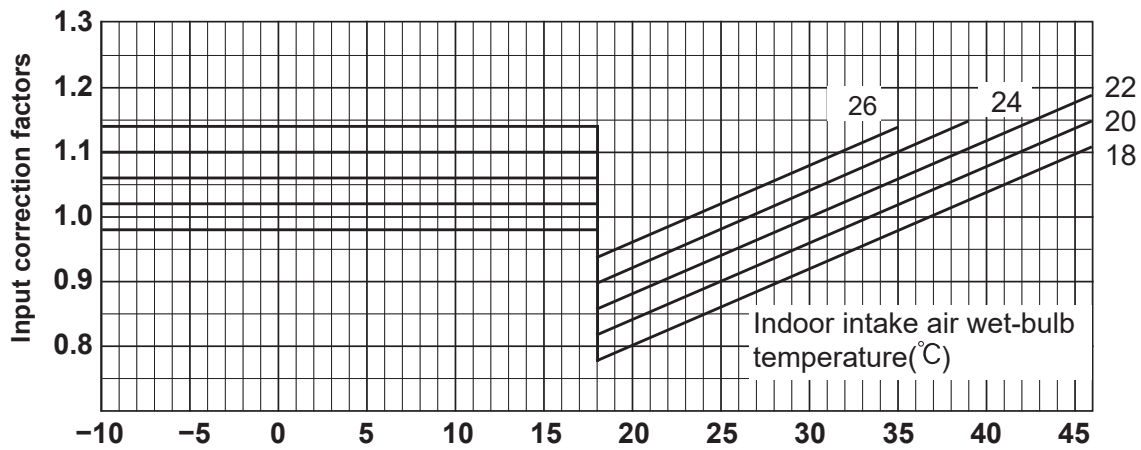
FOR THE COMBINATION OF OUTDOOR UNIT SUZ-SA71VA3 SUZ-SA100VA2

<COOLING>

Cooling capacity



Total input (Cooling)

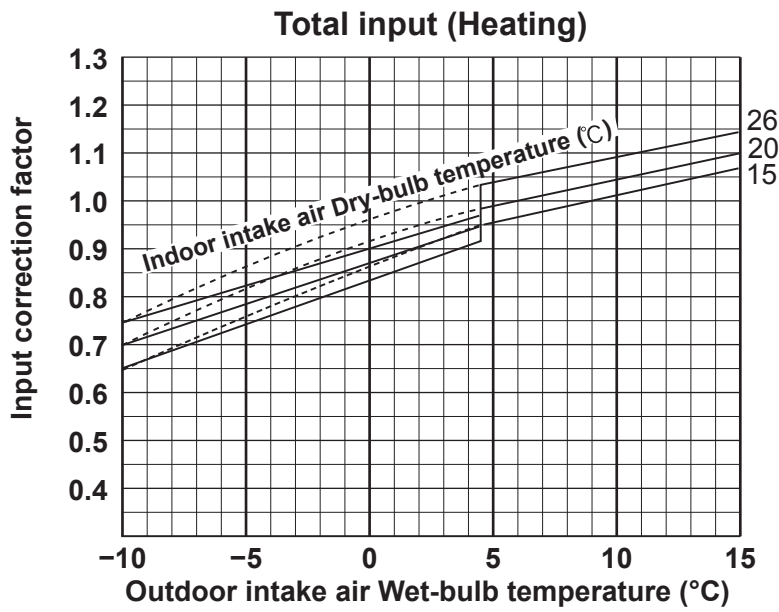
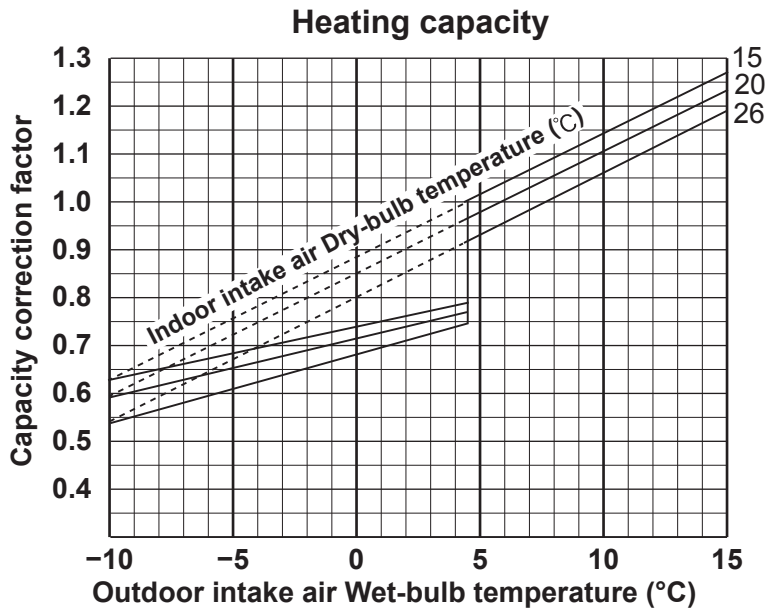


Lower limit of guaranteed operating range in cooling: -10°C

OUTDOOR UNIT

PERFORMANCE CURVES

<HEATING>

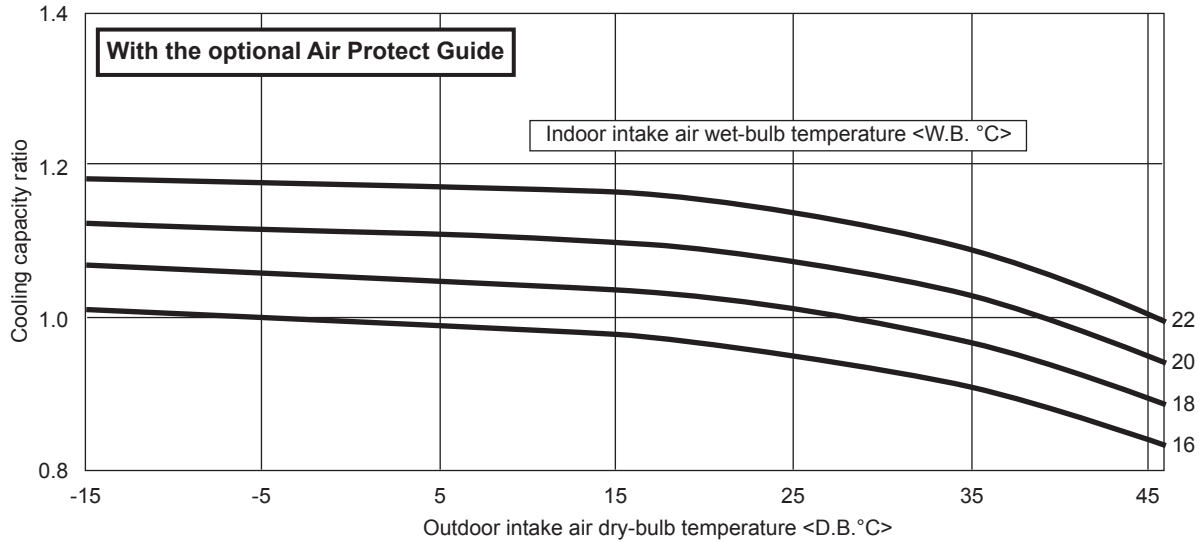


OUTDOOR UNIT PERFORMANCE CURVES

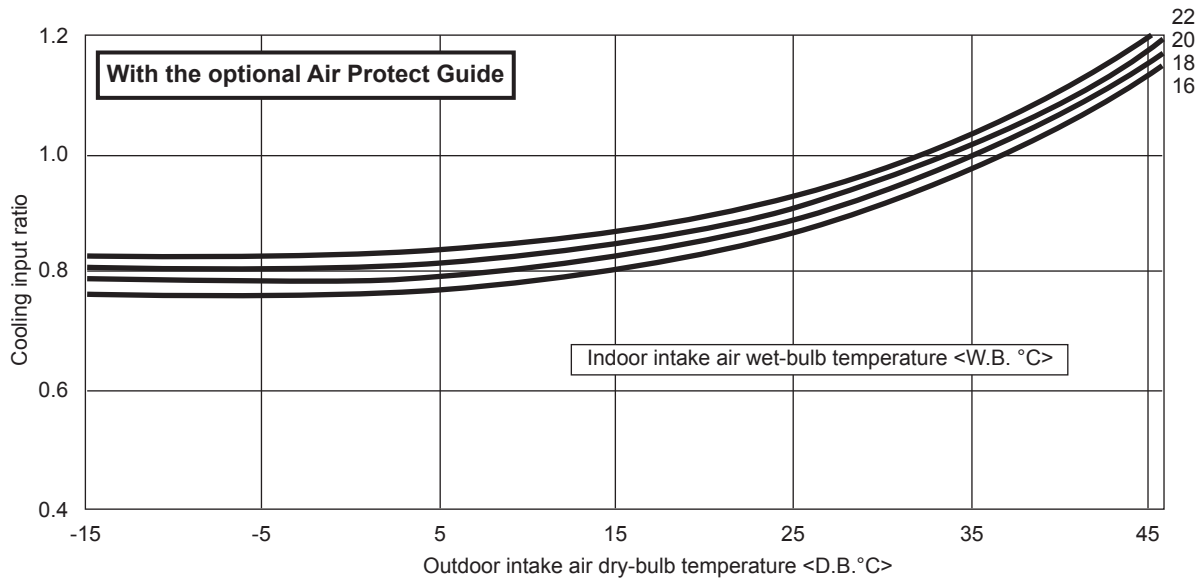
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



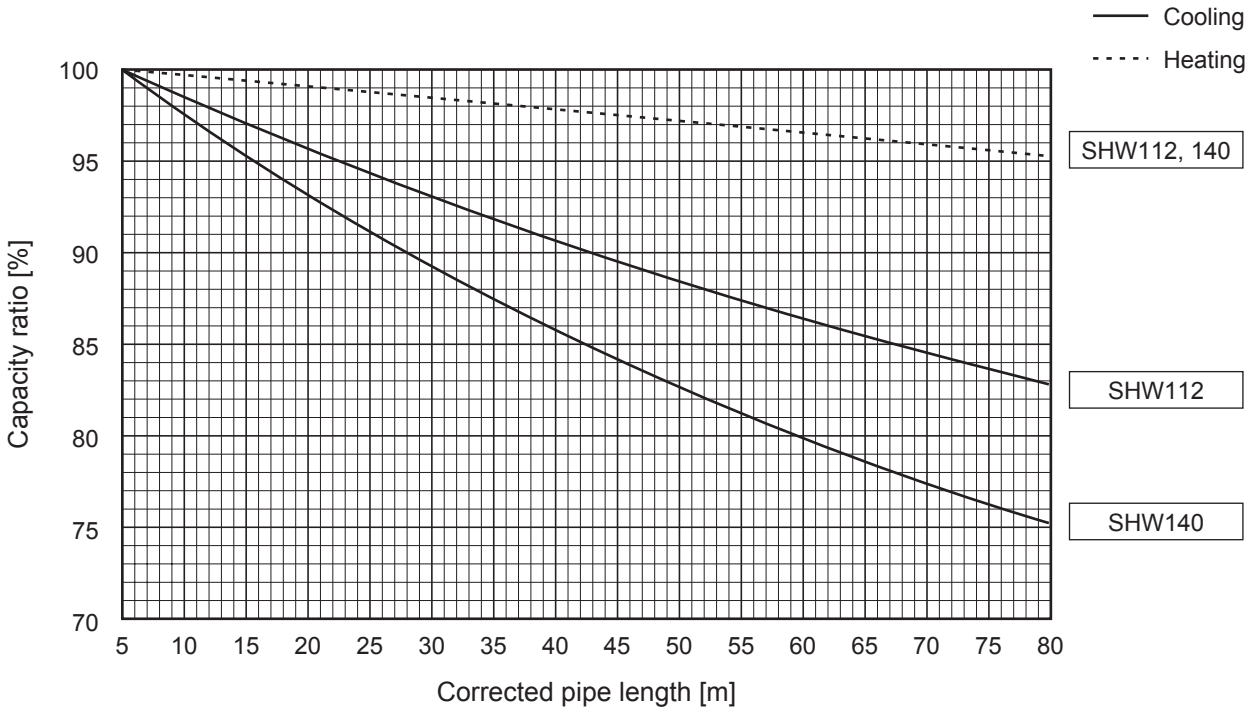
Cooling input



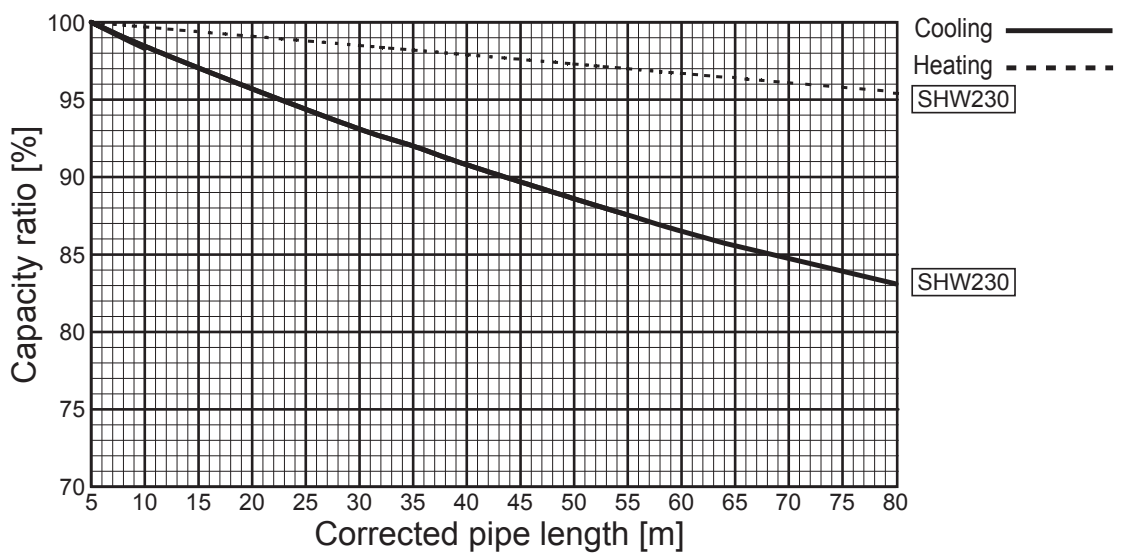
Applicable Models	Optional parts name	Optional parts No.	See page
PUHZ-ZRP35, 50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	E-262
PUHZ-ZRP60, 71 PUHZ-SHW112, 140 PUHZ-FRP71VHA2		PAC-SH63AG-E	E-264
PUHZ-ZRP100, 125, 140 PUHZ-ZRP200, 250 PUHZ-P200, 250 PUHZ-SHW230 PUHZ-P100, 125, 140 PUHZ-SP100, 125, 140		PAC-SH95AG-E	E-267

3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

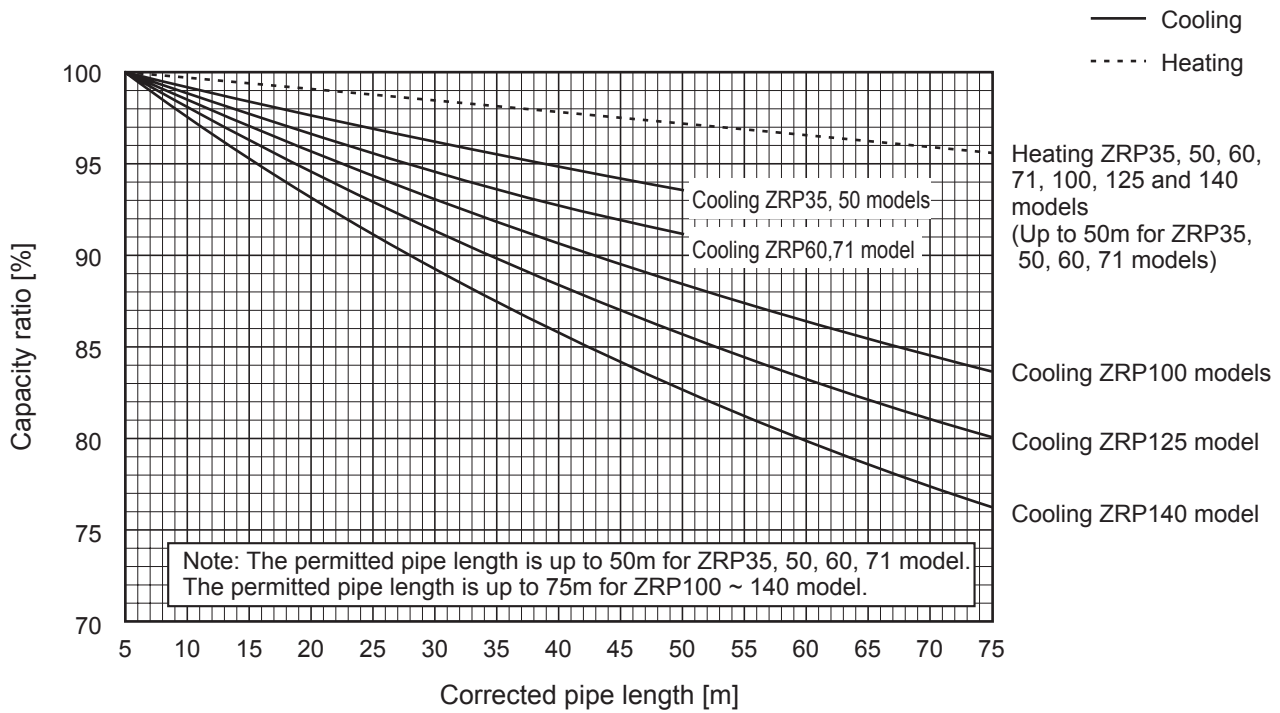
PUHZ-SHW112VHA
PUHZ-SHW112YHA
PUHZ-SHW140YHA



PUHZ-SHW230YKA2

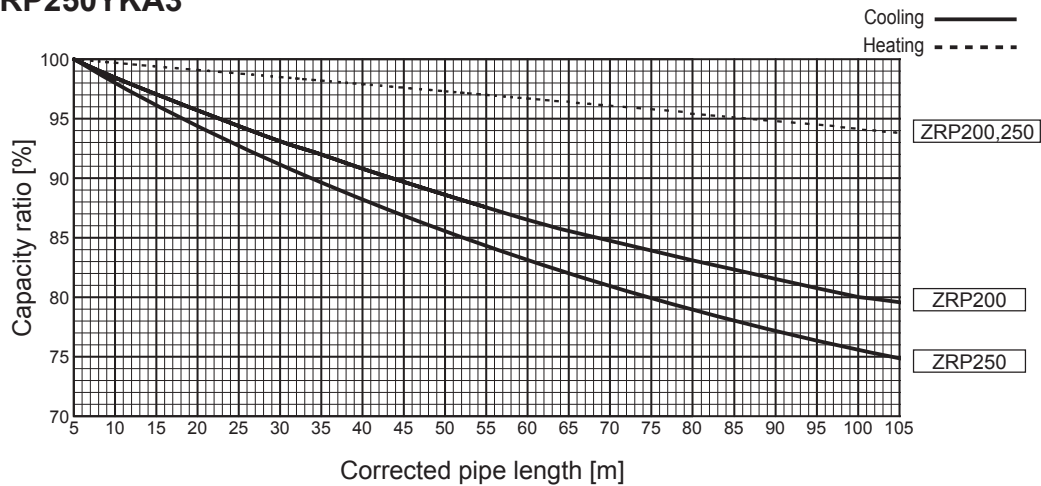


- PUHZ-ZRP35VKA2
- PUHZ-ZRP50VKA2
- PUHZ-ZRP60VHA2
- PUHZ-ZRP71VHA2
- PUHZ-ZRP100VKA3
- PUHZ-ZRP100YKA3
- PUHZ-ZRP125VKA3
- PUHZ-ZRP125YKA3
- PUHZ-ZRP140VKA3
- PUHZ-ZRP140YKA3

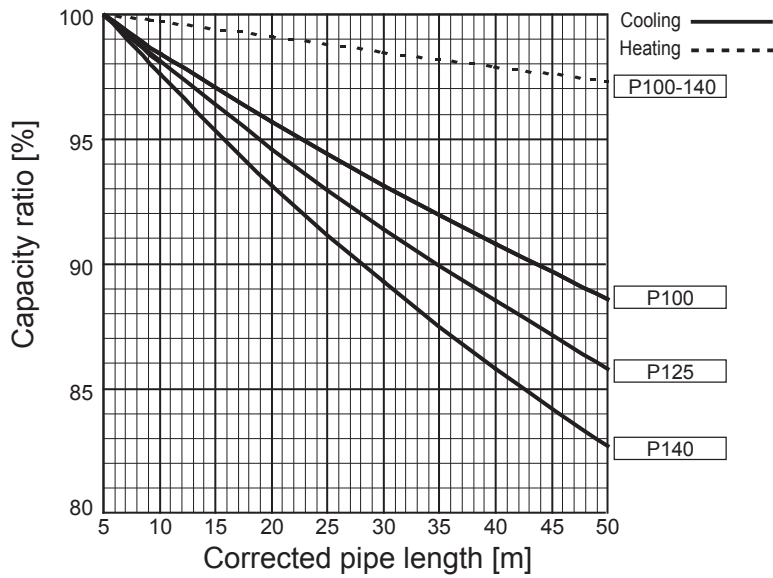


OUTDOOR UNIT PERFORMANCE CURVES

- PUHZ-ZRP200YKA3
- PUHZ-ZRP250YKA3

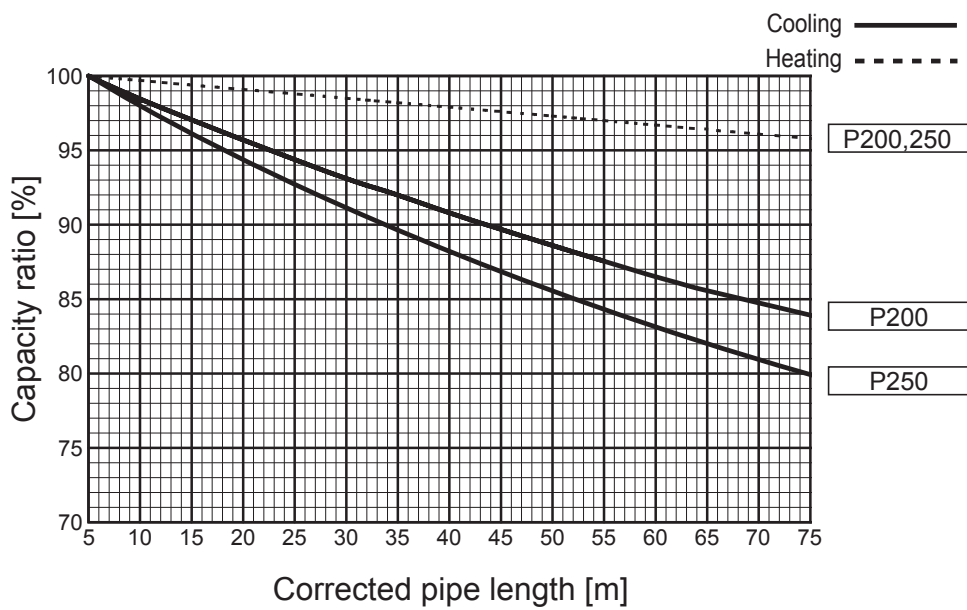


PUHZ-P100VKA
 PUHZ-P100YKA
 PUHZ-P125VKA
 PUHZ-P125YKA
 PUHZ-P140VKA
 PUHZ-P140YKA

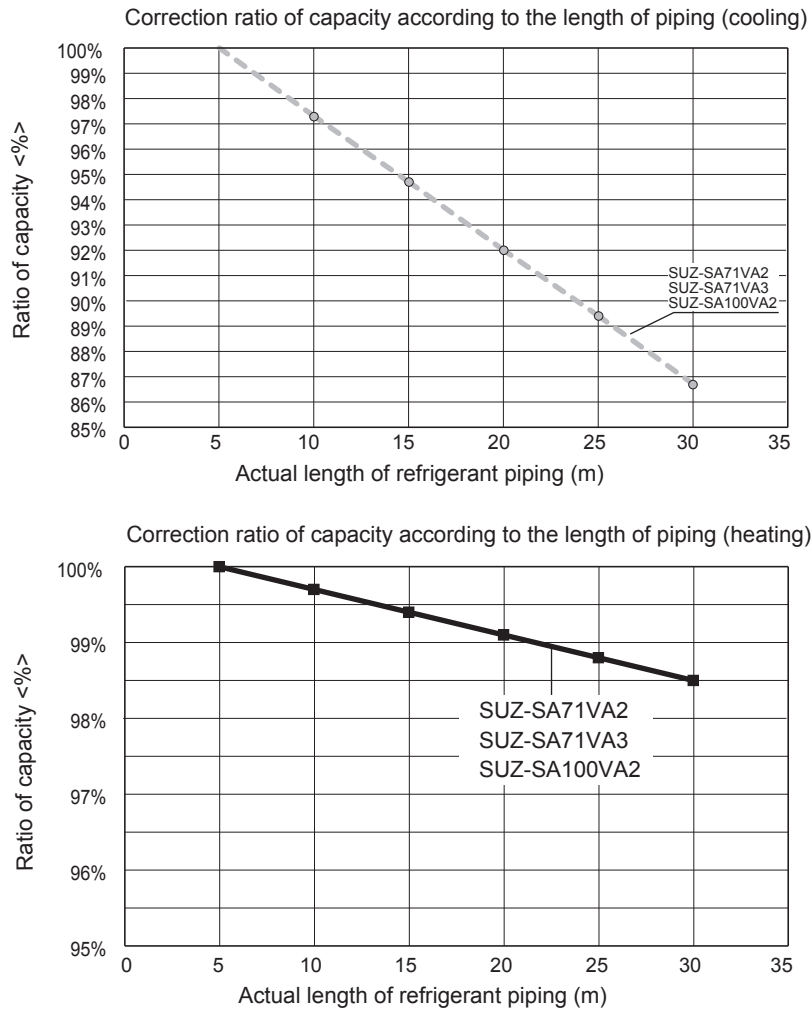


OUTDOOR UNIT PERFORMANCE CURVES

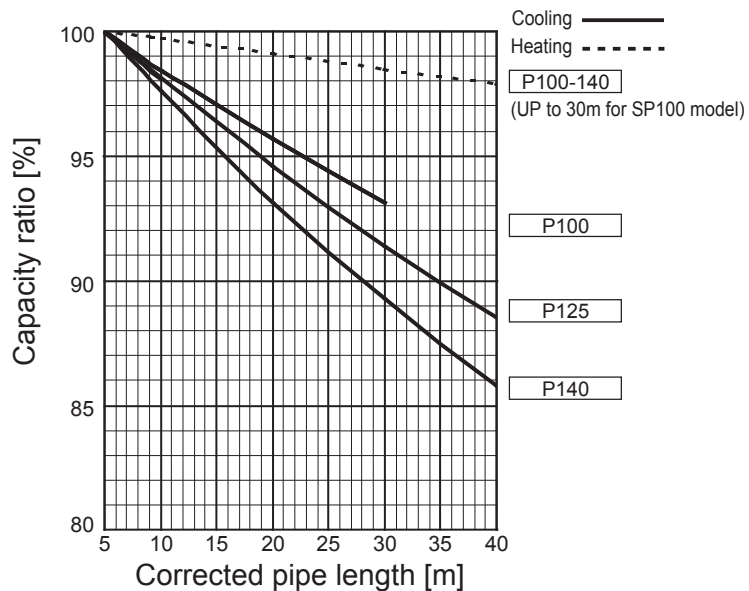
PUHZ-P200YKA3
 PUHZ-P250YKA3



SUZ-SA71VA2
SUZ-SA71VA3
SUZ-SA100VA2

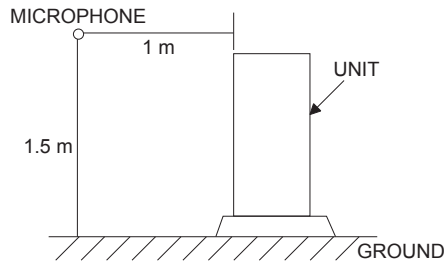


PUHZ-SP100YKA
PUHZ-SP125VKA
PUHZ-SP125YKA
PUHZ-SP140VKA
PUHZ-SP140YKA



A.8.5 NOISE CRITERIA CURVES

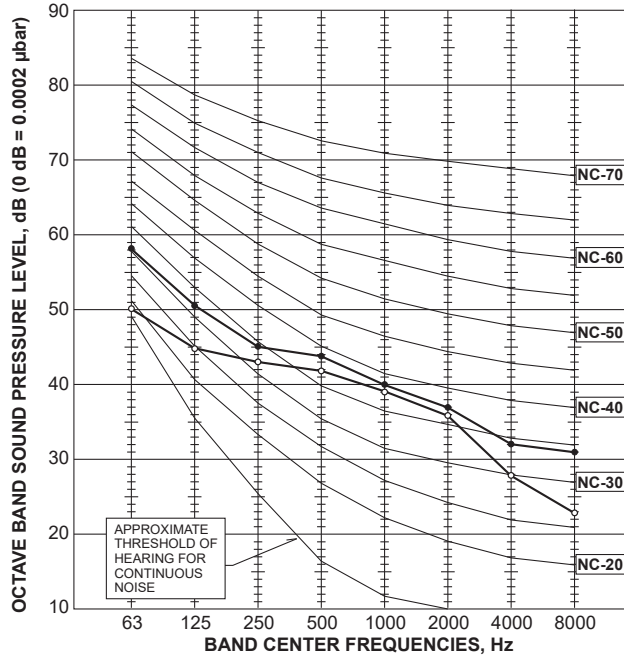
A.8.5.1 R32 type



- <Notes>
 1) Sound data is taken when the system is running stably.
 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

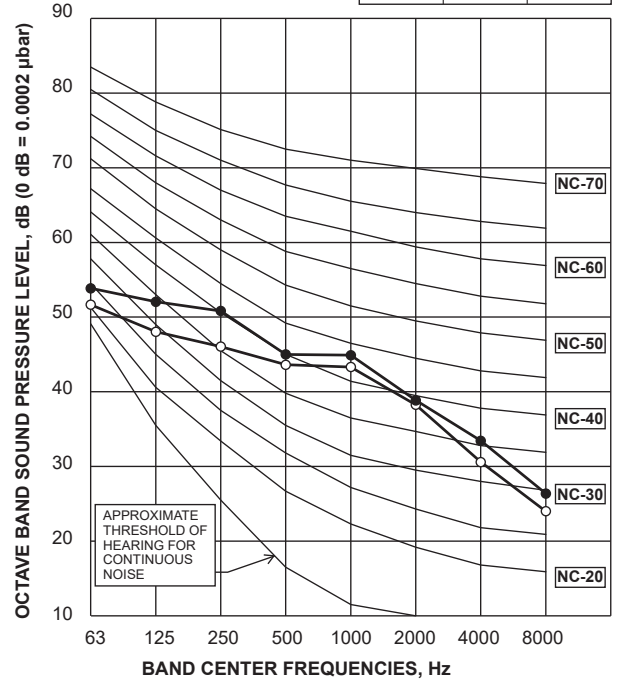
PUZ-ZM35VKA2 PUZ-ZM50VKA2

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



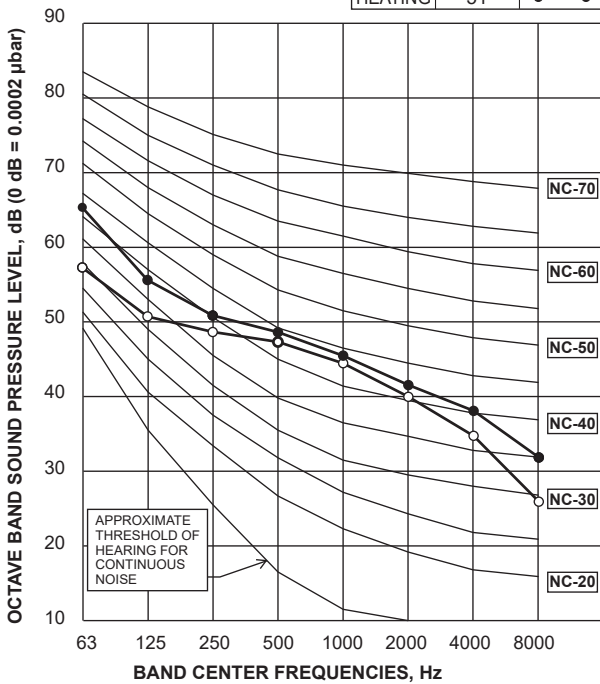
PUZ-ZM60VKA2 PUZ-ZM71VKA2

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	49	●—●



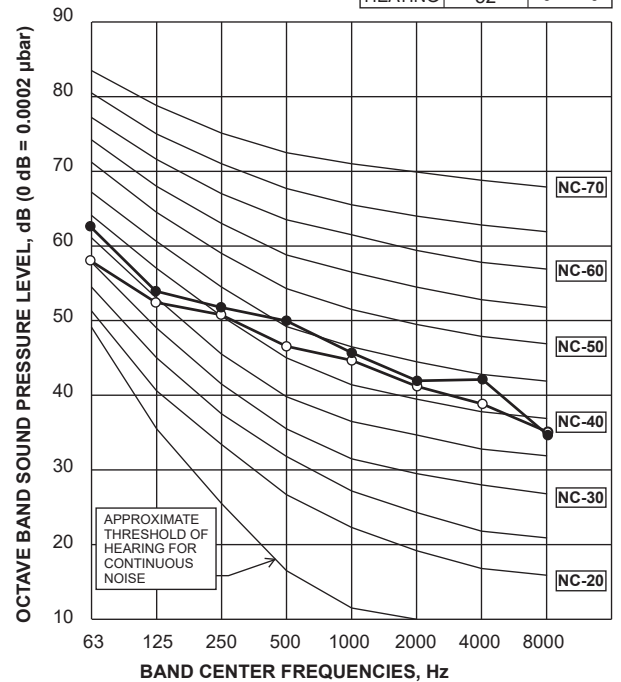
PUZ-ZM100VKA2 PUZ-ZM100VKA2

MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●

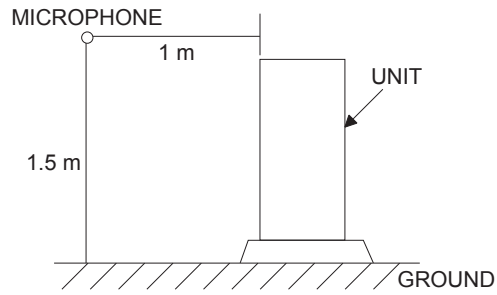


PUZ-ZM125VKA2 PUZ-ZM140VKA2 PUZ-ZM125VKA2 PUZ-ZM140VKA2

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

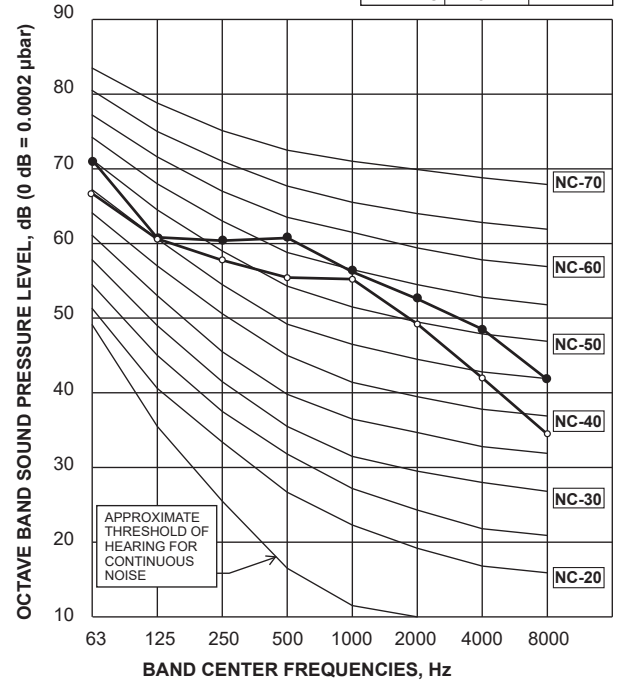
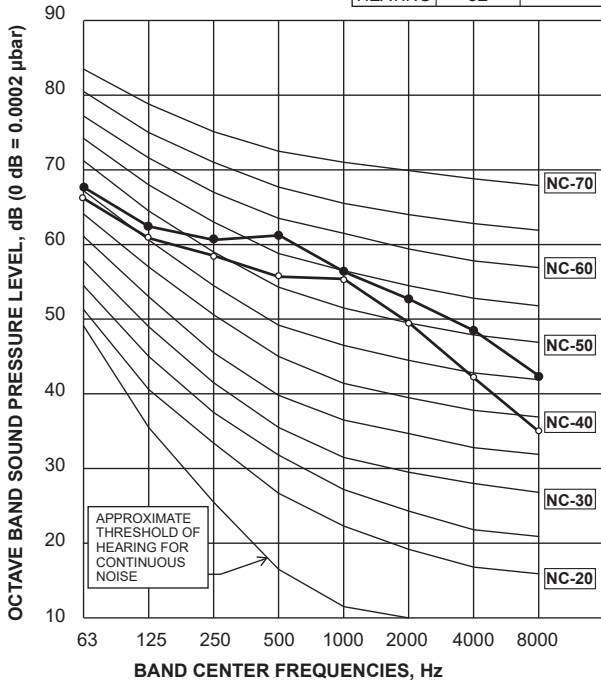


PUZ-ZM200YKA2

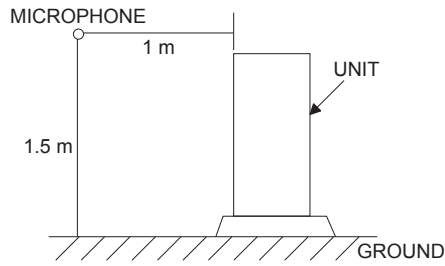
PUZ-ZM250YKA2

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



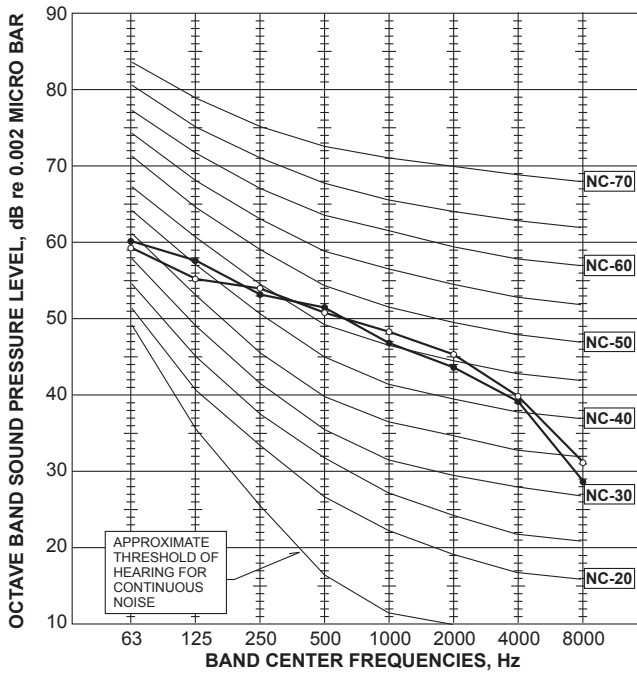
OUTDOOR UNIT NOISE CRITERIA CURVES



- <Notes>
 1) Sound data is taken when the system is running stably.
 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

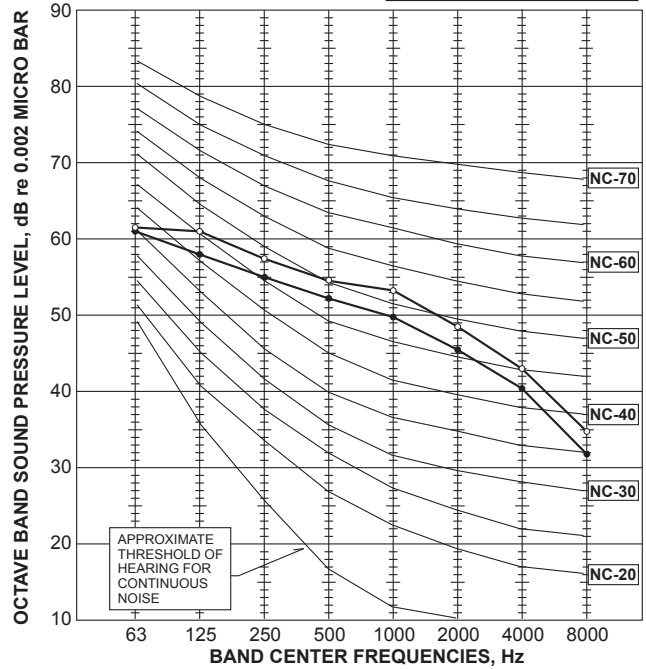
PUZ-M100VKA2
PUZ-M100YKA2

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



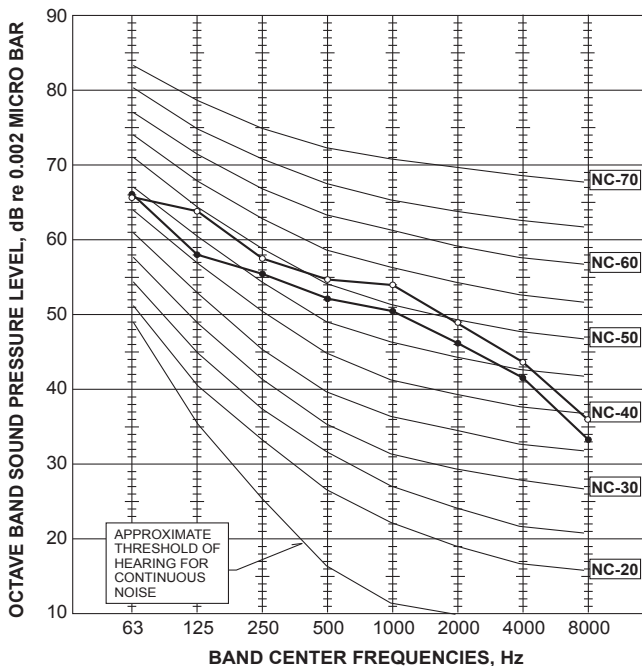
PUZ-M125VKA2
PUZ-M125YKA2

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○

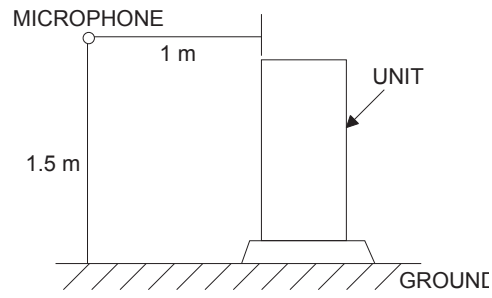


PUZ-M140VKA2
PUZ-M140YKA2

MODE	SPL(dB)	LINE
COOLING	55	●—●
HEATING	57	○—○



OUTDOOR UNIT NOISE CRITERIA CURVES

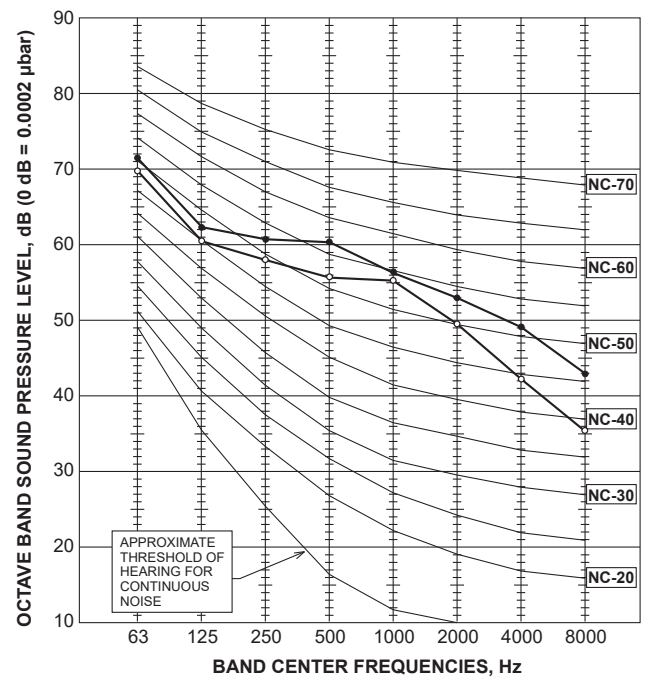
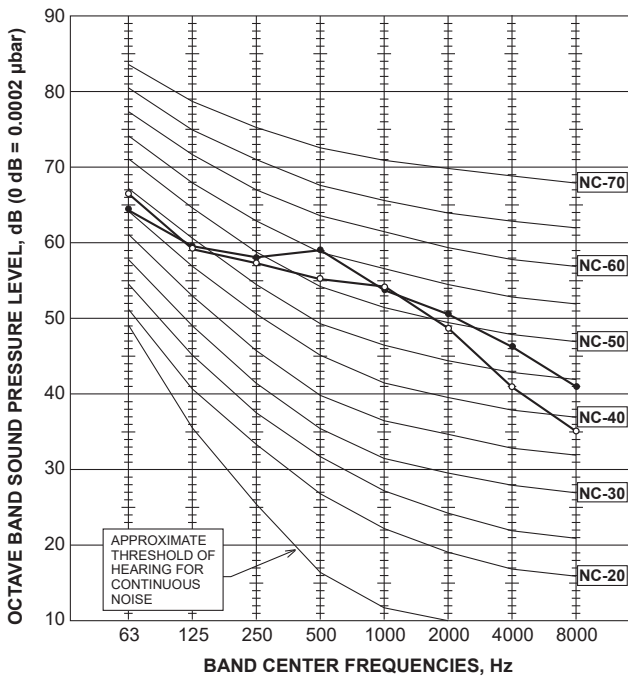


PUZ-M200YKA2

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●

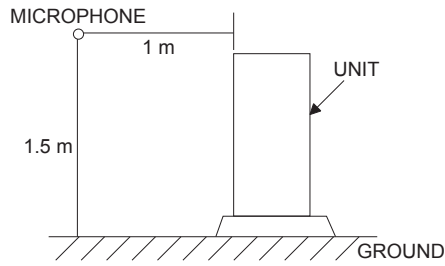
PUZ-M250YKA2

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



OUTDOOR UNIT

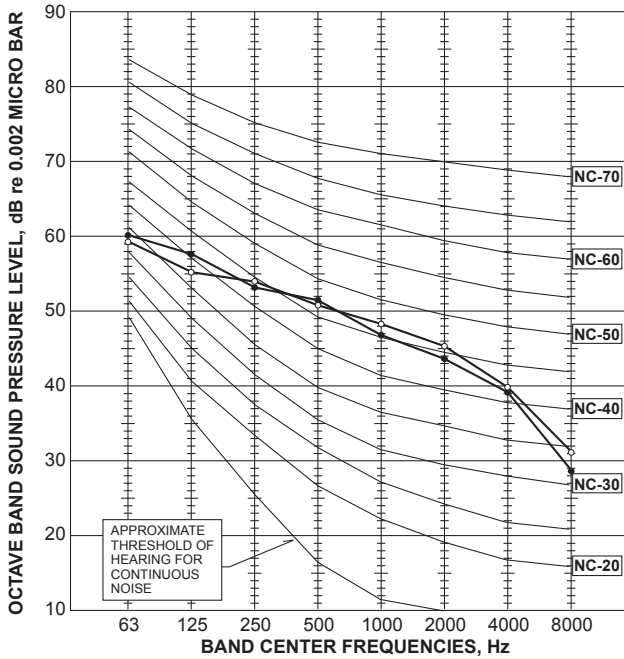
NOISE CRITERIA CURVES



- <Notes>
 1) Sound data is taken when the system is running stably.
 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

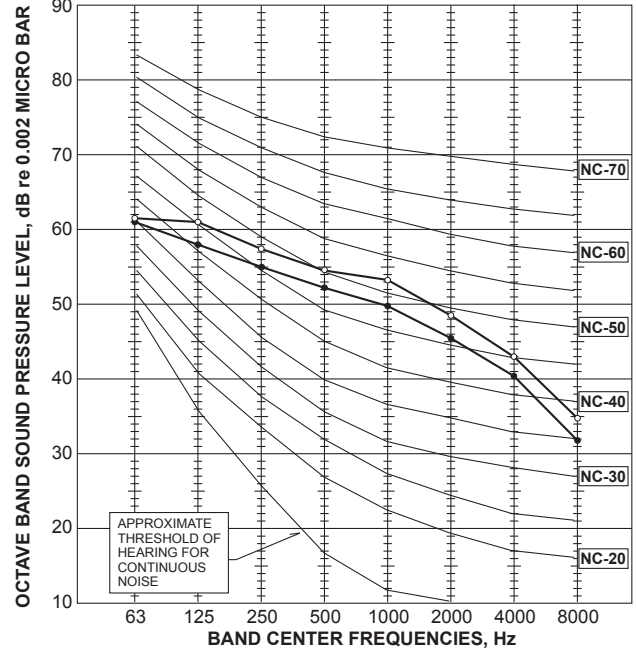
**PUZ-SM100VKA2
PUZ-SM100YKA2**

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



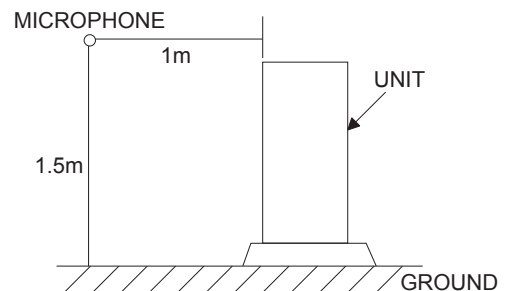
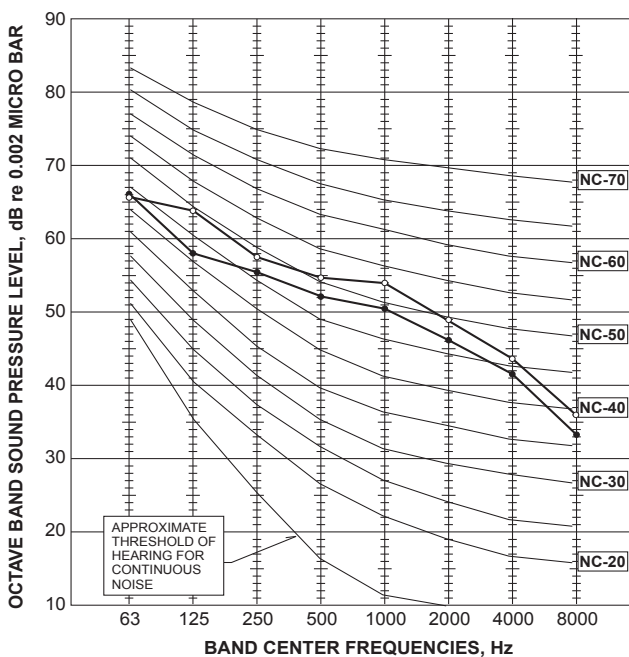
**PUZ-SM125VKA2
PUZ-SM125YKA2**

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○

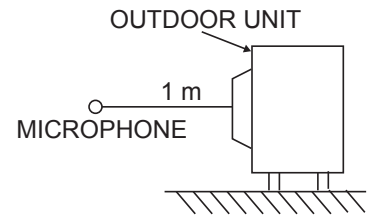


**PUZ-SM140VKA2
PUZ-SM140YKA2**

MODE	SPL(dB)	LINE
COOLING	55	●—●
HEATING	57	○—○

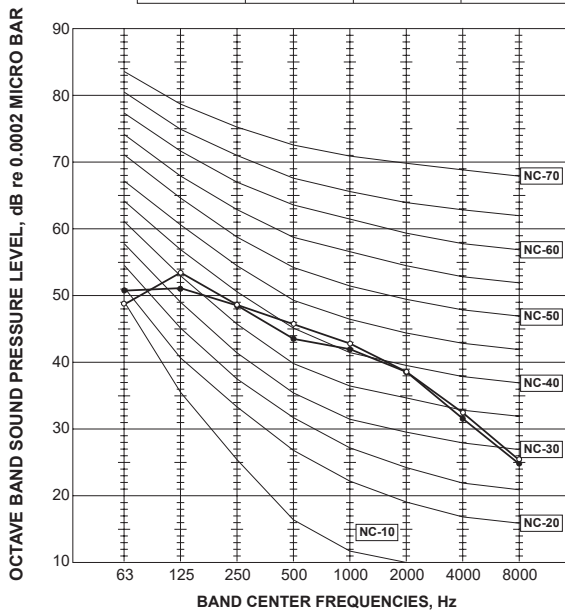


OUTDOOR UNIT NOISE CRITERIA CURVES



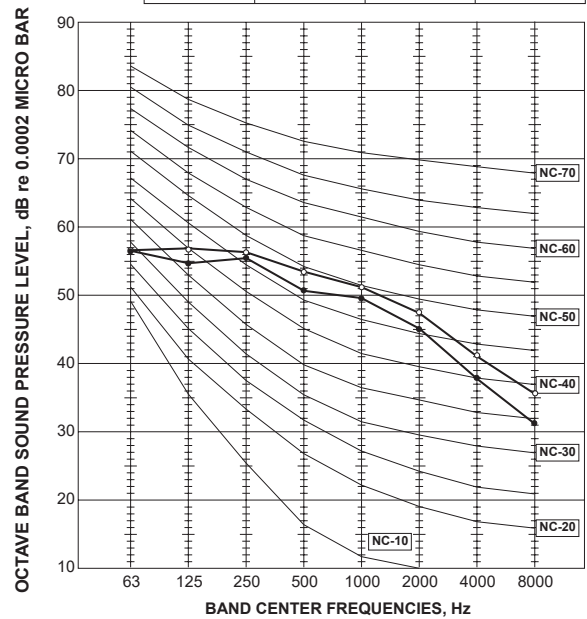
SUZ-SM35VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	48	●—●
	HEATING	48	○—○



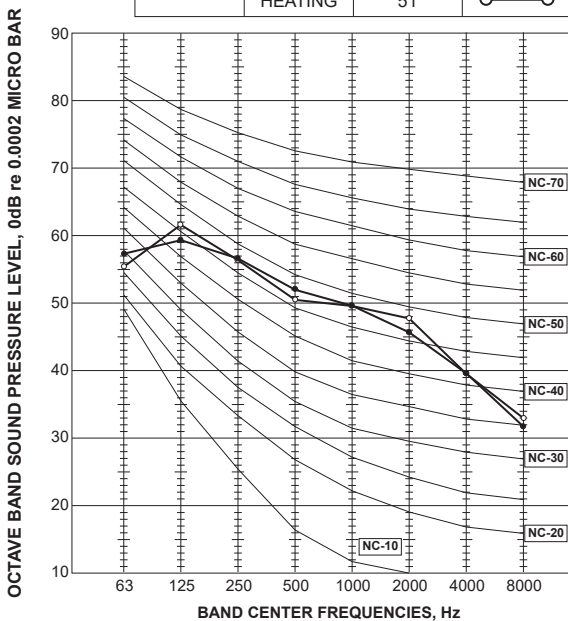
SUZ-SM50VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	48	●—●
	HEATING	49	○—○



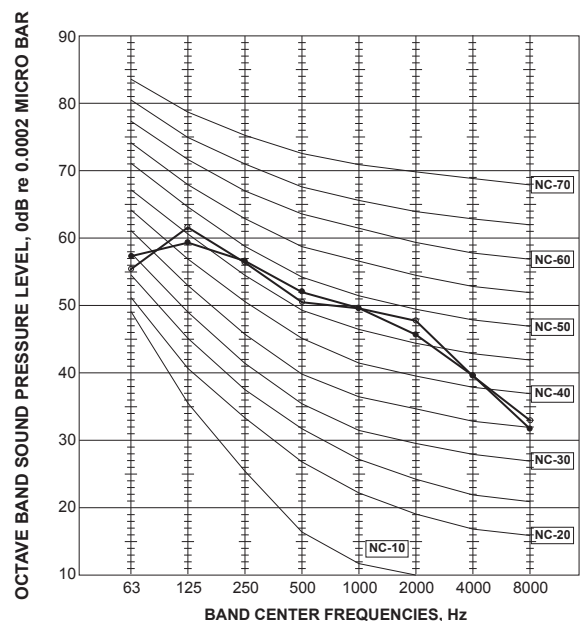
SUZ-SM60VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



SUZ-SM71VA

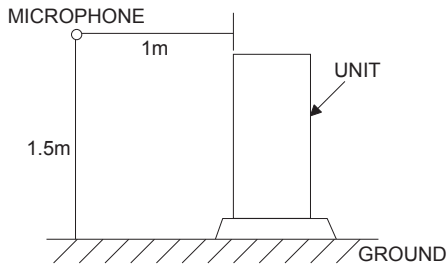
FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



OUTDOOR UNIT

NOISE CRITERIA CURVES

A.8.5.2 R410A type

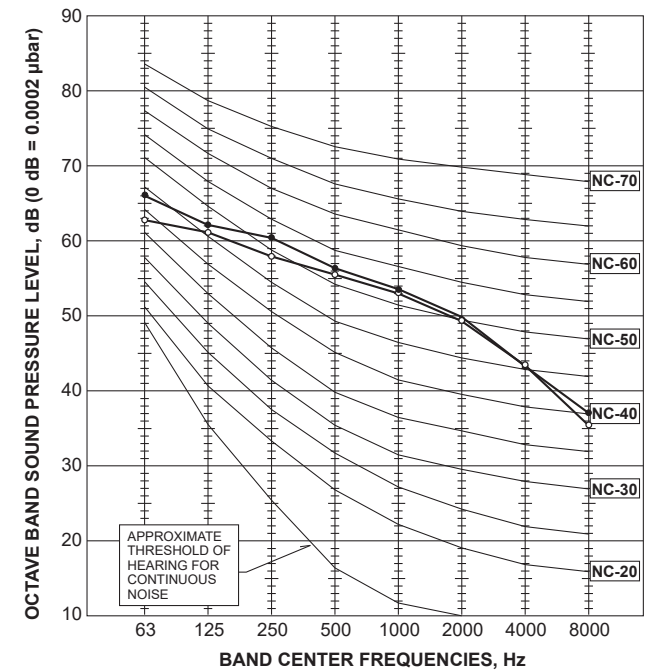
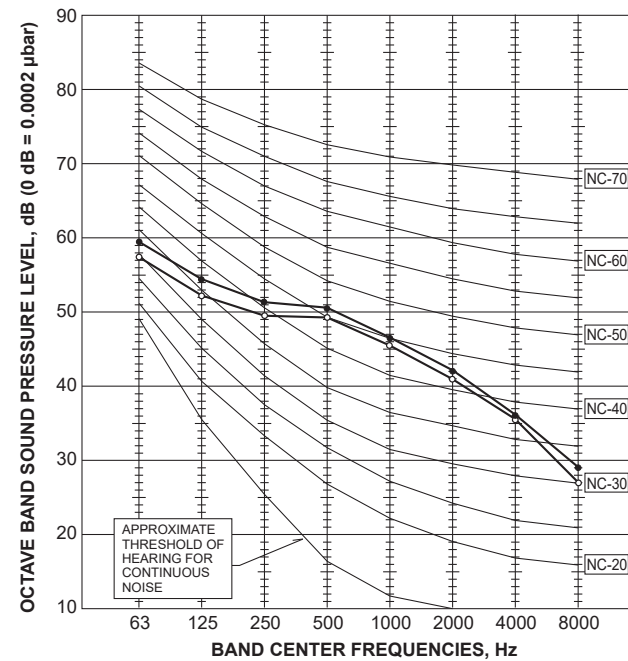


<Notes>

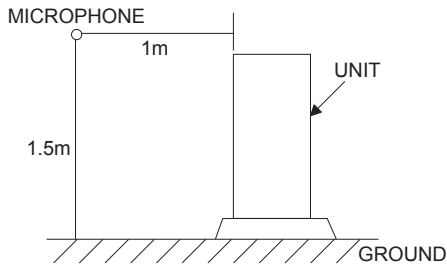
- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	52	●—●

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	59	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

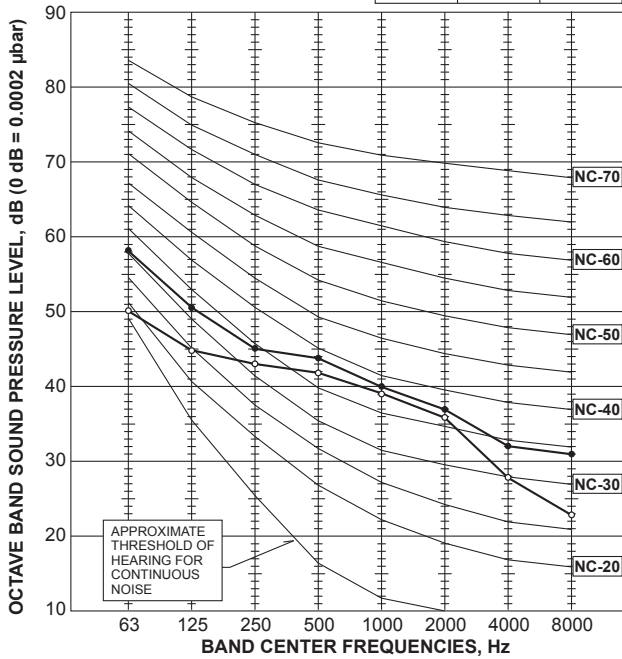


<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

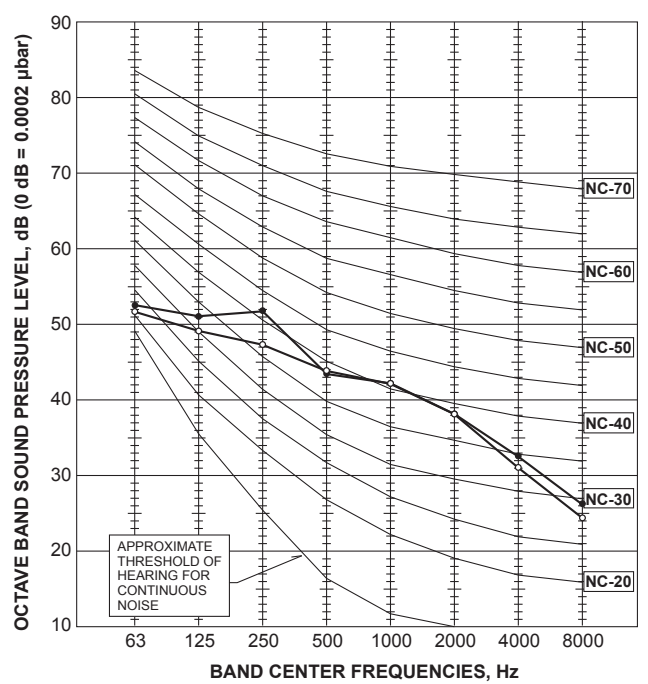
PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

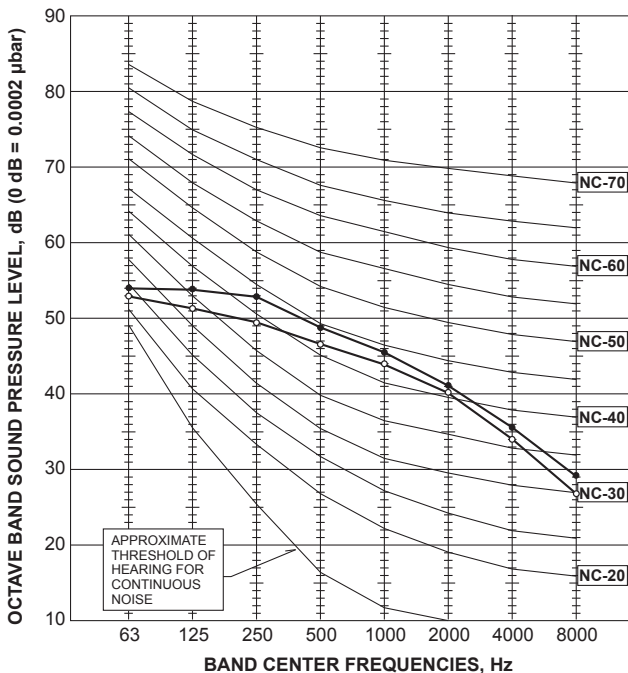
MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	48	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

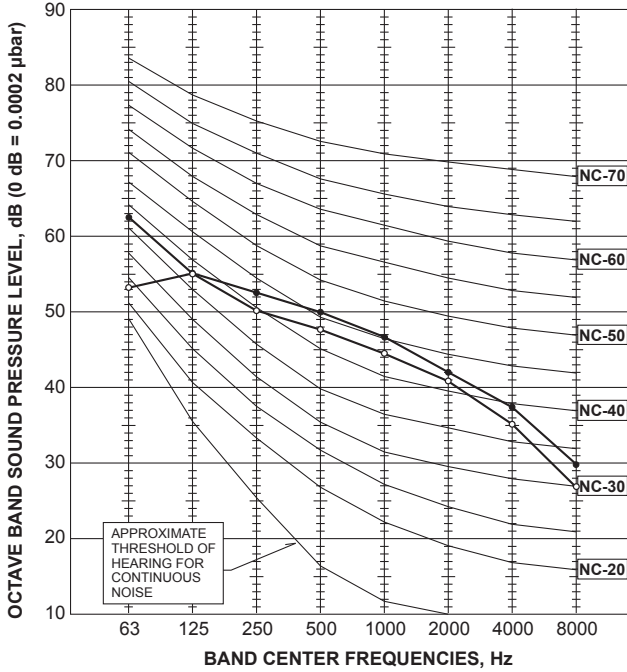
PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3

MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●



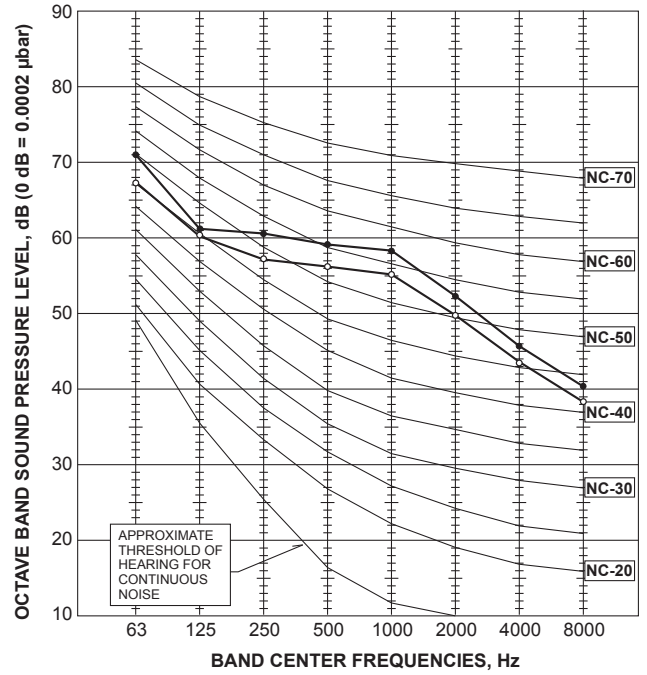
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



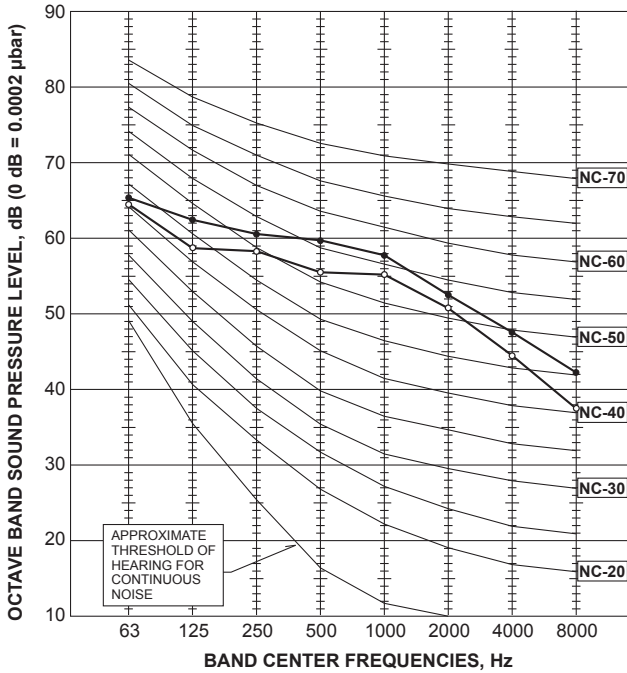
PUHZ-ZRP200YKA3

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



PUHZ-ZRP250YKA3

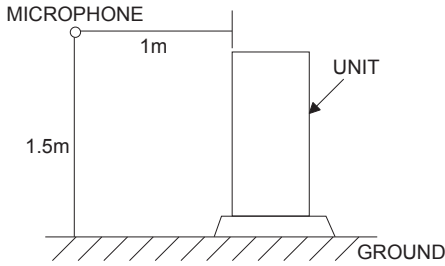
MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

OUTDOOR UNIT NOISE CRITERIA CURVES

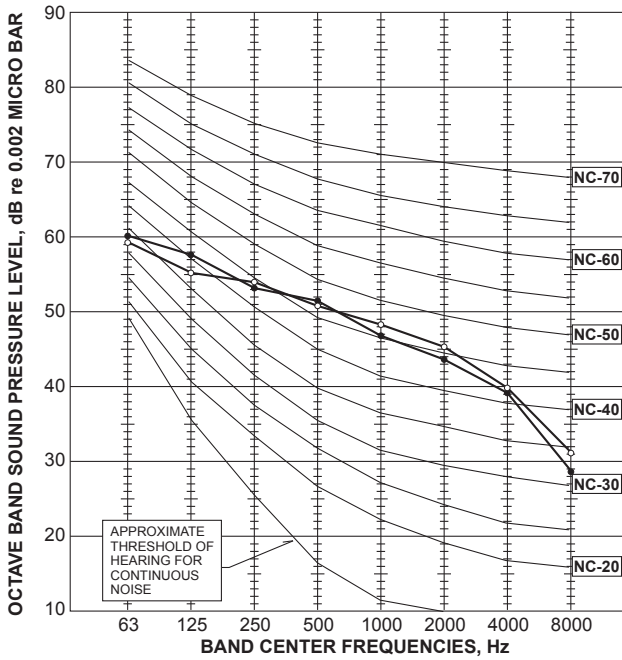


<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

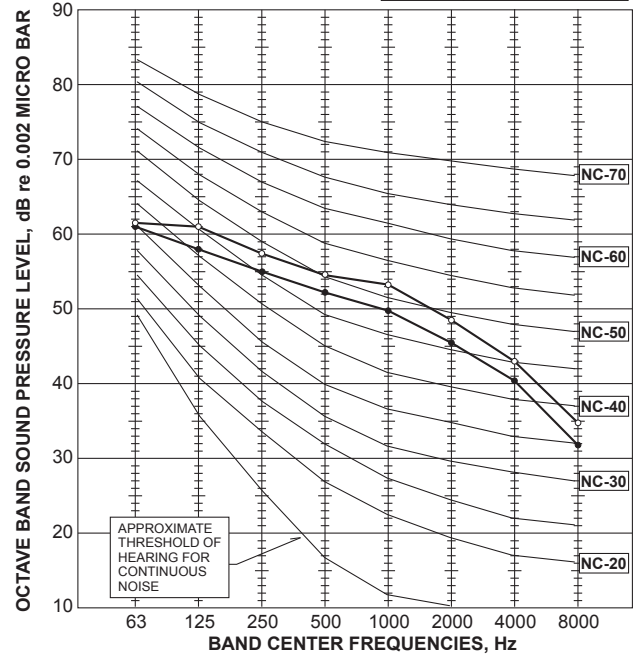
PUHZ-P100VKA
PUHZ-P100YKA

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



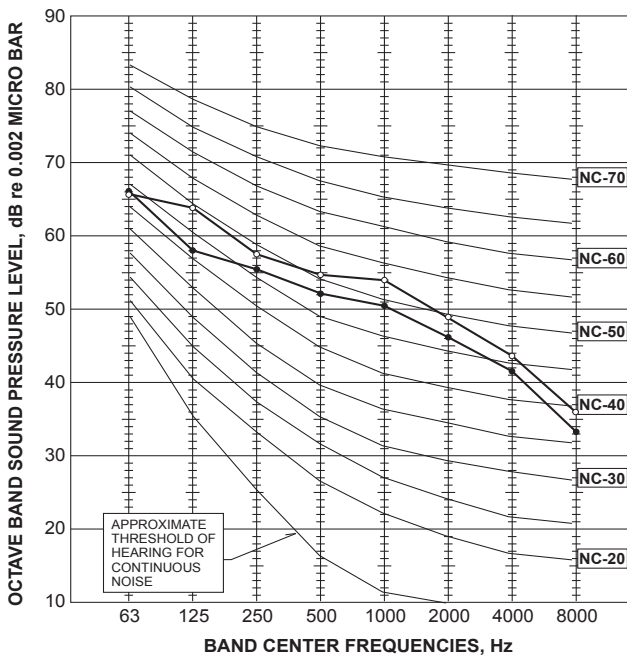
PUHZ-P125VKA
PUHZ-P125YKA

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



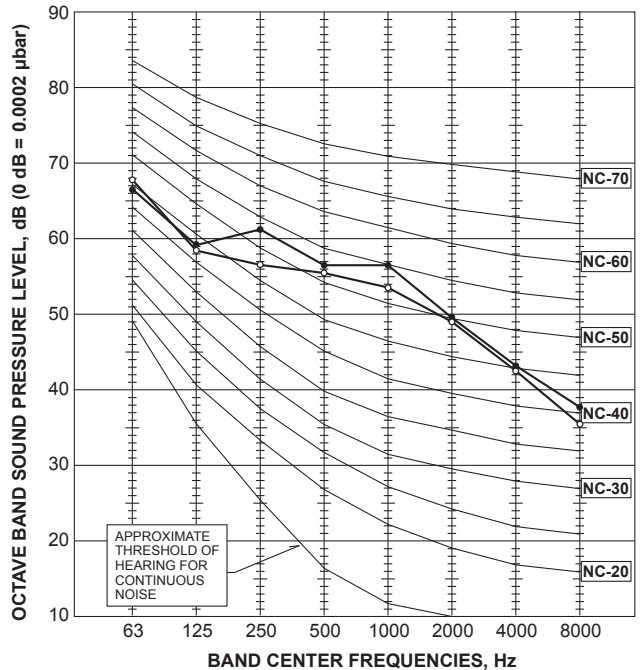
PUHZ-P140VKA
PUHZ-P140YKA

MODE	SPL(dB)	LINE
COOLING	56	●—●
HEATING	57	○—○



PUHZ-P200YKA3

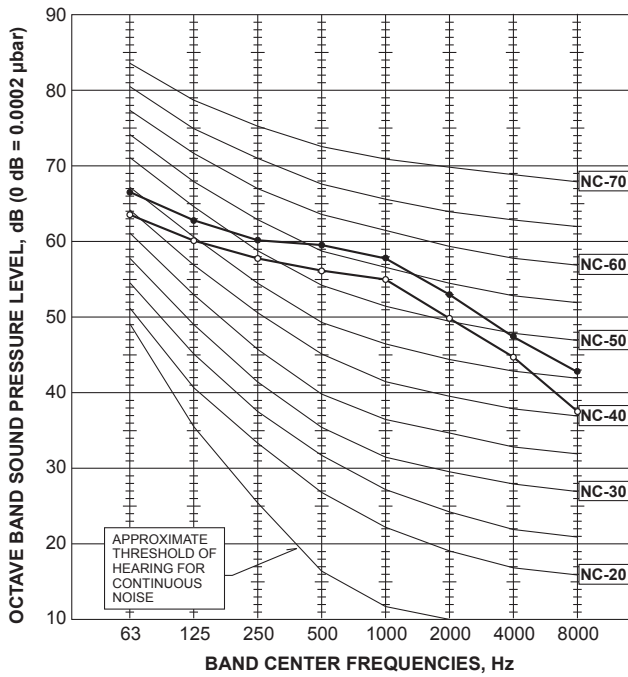
MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

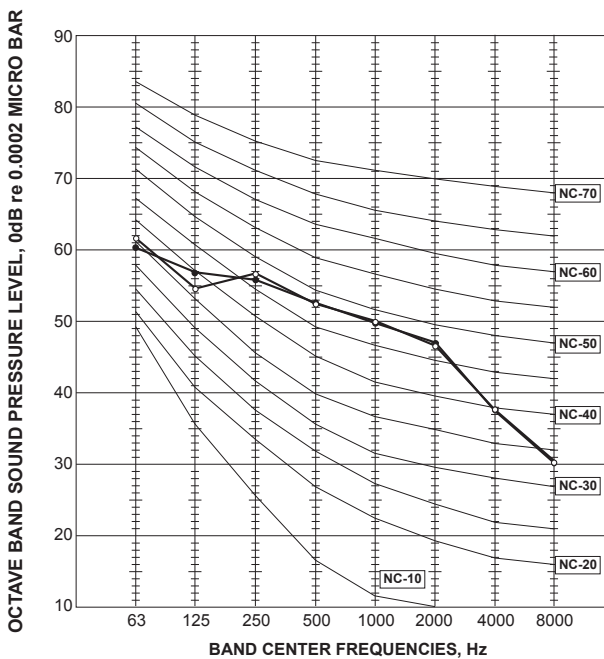
PUHZ-P250YKA3

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



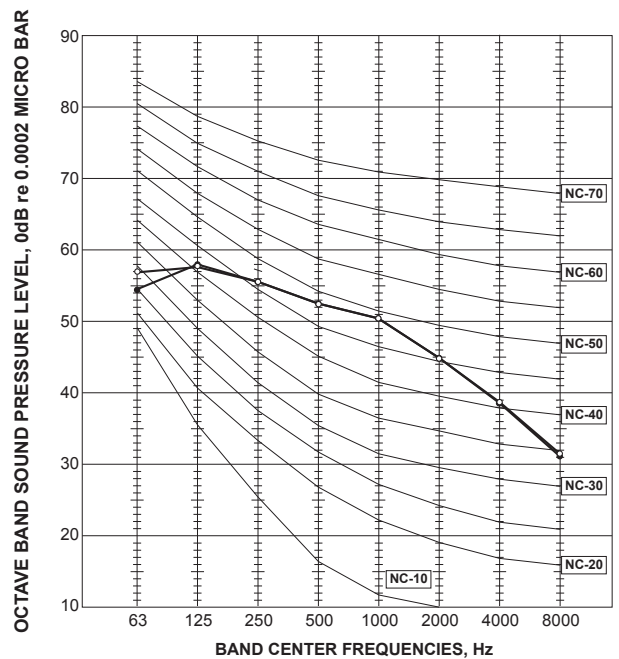
SUZ-SA71VA3

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



SUZ-SA100VA2

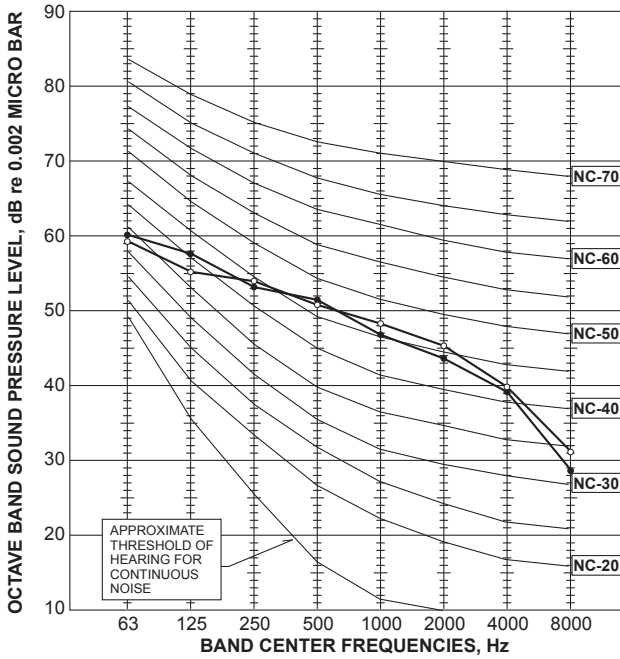
FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



OUTDOOR UNIT NOISE CRITERIA CURVES

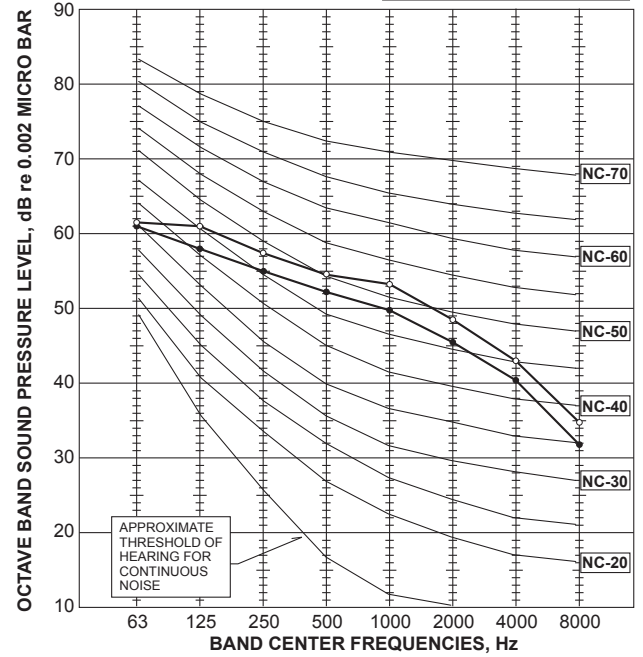
PUHZ-SP100YKA

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



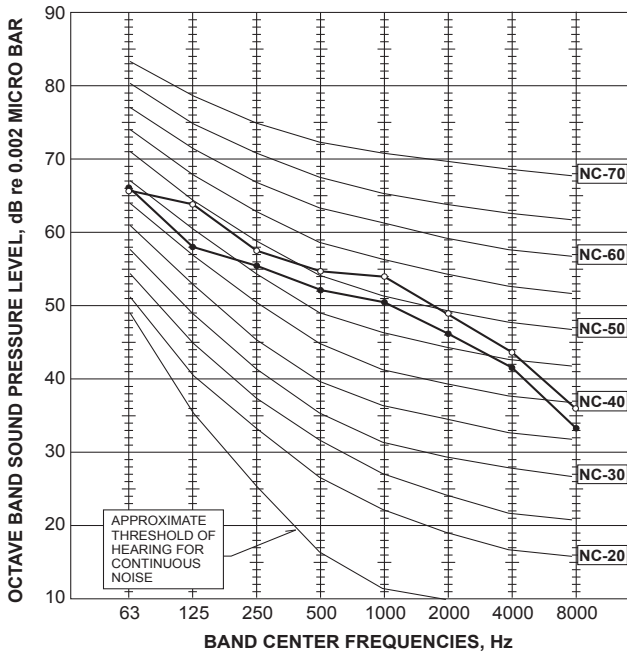
**PUHZ-SP125VKA
PUHZ-SP125YKA**

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



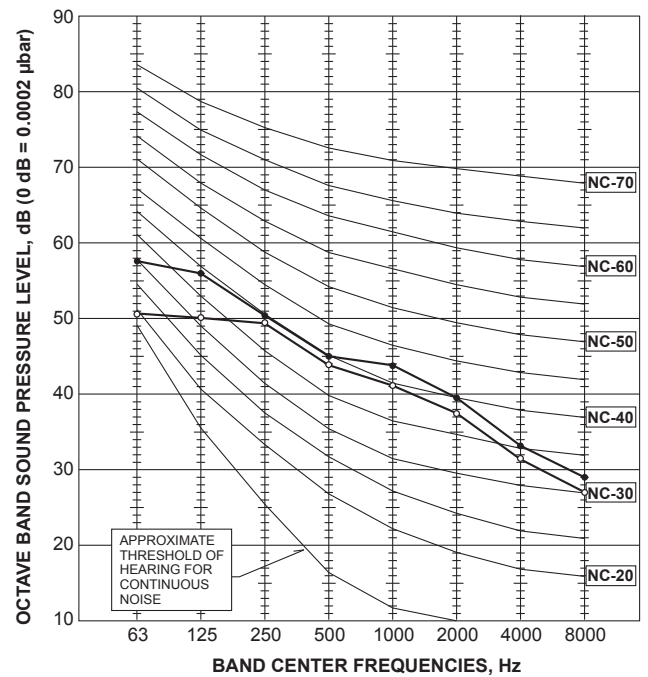
**PUHZ-SP140VKA
PUHZ-SP140YKA**

MODE	SPL(dB)	LINE
COOLING	56	●—●
HEATING	57	○—○



PUHZ-FRP71VHA2

MODE	SPL(dB)	LINE
ATA Cooling, HR Cooling	47	○—○
ATA Heating, ATW Heating	49	●—●



OUTDOOR UNIT
NOISE CRITERIA CURVES

A.8.6 EARTHQUAKE-PROOF STRENGTH ANALYSIS

A.8.6.1 R32 type

1.Type:

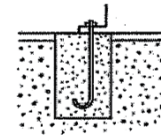
2.Model name:

3.Specification

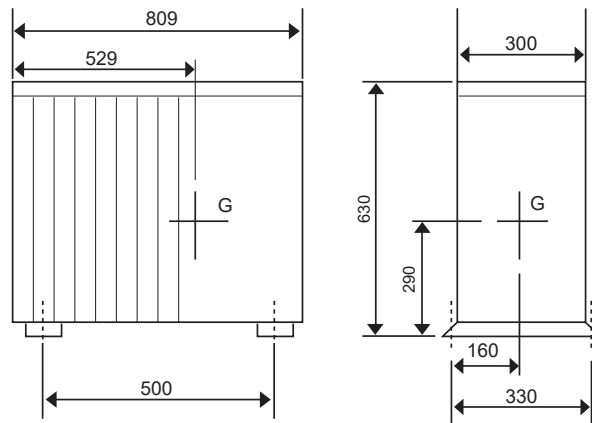
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="46"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78 x 10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="290"/> mm= <input type="text" value="0.290"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="330"/> mm= <input type="text" value="0.330"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="160"/> mm(Lg ≤ L/2)= <input type="text" value="0.160"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|---|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh · W · 9.8= <input type="text" value="450.8"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= <input type="text" value="225.4"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8)}{L \cdot N_t}$
= <input type="text" value="143.4"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="112.7"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="1.8"/> MPa < ft=176MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="1.4"/> MPa < fs=101MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. | fts'=1.4ft-1.6 $\tau =$ <input type="text" value="244.2"/> MPa
< fts= <input type="text" value="101.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="143"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



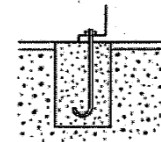
1.Type:
 2.Model name:

3.Specification

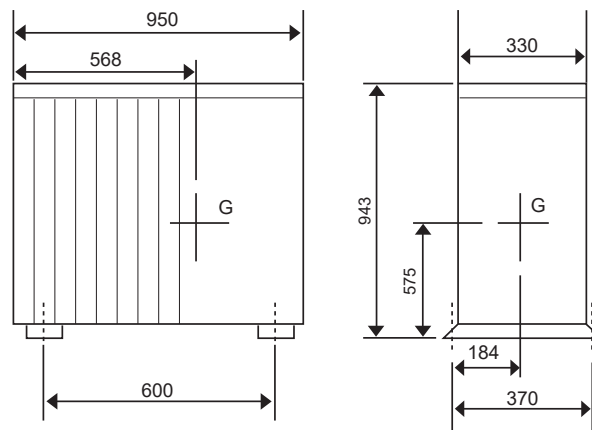
(1) Unit mass $W =$ kg
 (2) Anchor bolt
 1.The total number of bolts. $N =$
 2.The size and shape. $" = M$ type
 3.The axis section area per one bolt. $A =$ mm² = × 10⁻⁶ m²
 4.The total number of bolts in one side which be pulled stronger when the unit inverted. $N_t =$
 (3) The height between the installing surface and the center of gravity of the unit $H_g =$ mm = m
 (4) The bolt-span from the examination angle $L =$ mm = m
 (5) The distance between the center of bolt and the center of gravity of the unit $L_g =$ mm ($L_g \leq L/2$) = m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing $K_h =$
 (2) The vertical seismic coefficient for designing $K_v = K_h/2 =$
 (3) The horizontal earthquake forces for designing $F_h = K_h \cdot W \cdot 9.8 =$ N
 (4) The vertical earthquake forces for designing $F_v = K_v \cdot W \cdot 9.8 =$ N
 (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v)}{L \cdot N_t} =$ N
 (6) The shear forces of the anchor bolt $Q = F_h/N =$ N
 (7) The stress arising to the anchor bolt
 1.The tensile stress. $\sigma = R_b/A =$ MPa < $f_t = 176$ MPa
 2.The shearing stress. $\tau = Q/A =$ MPa < $f_s = 101$ MPa
 3.The stress when affected by both the shearing and the tensile at the same time. $f_t' = 1.4f_t - 1.6\tau =$ MPa
 However f_t equals f_t' when f_t 's less than or equal to f_t' and f_t 's equal f_t' when f_t 's is greater f_t' .
 $\sigma =$ MPa < $f_t =$ MPa



(8) The construction way of the anchor bolt
 1.The construction way of the anchor bolt. =
 2.The thickness of the concrete. = mm = m
 3.The length of buried part of bolt. = mm = m
 4.The permissible withdrawal weight. $T_a =$ N > $R_b =$ N



1.Type:

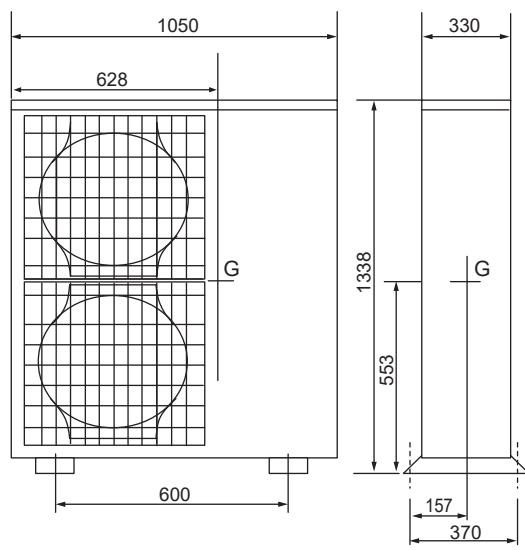
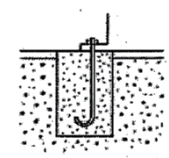
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

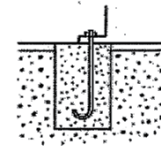
1.Type:
 2.Model name:

3.Specification

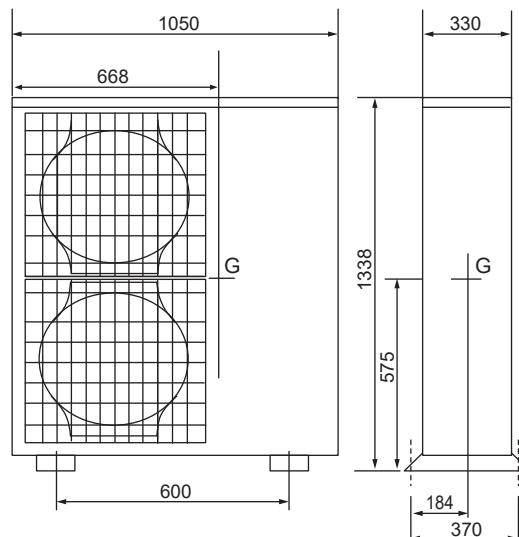
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

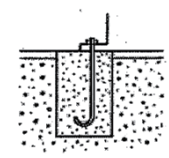
2.Model name:

3.Specification

- | | | | |
|--|-----|----------------------------------|--|
| (1) Unit mass | W= | <input type="text" value="105"/> | kg |
| (2) Anchor bolt | | | |
| 1.The total number of bolts. | N= | <input type="text" value="4"/> | |
| 2.The size and shape. | "=M | <input type="text" value="10"/> | type |
| 3.The axis section area per one bolt. | A= | <input type="text" value="78"/> | mm ² = <input type="text" value="78 × 10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= | <input type="text" value="2"/> | |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= | <input type="text" value="582"/> | mm= <input type="text" value="0.582"/> m |
| (4) The bolt-span from the examination angle | L= | <input type="text" value="370"/> | mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= | <input type="text" value="150"/> | mm(Lg ≤ L/2)= <input type="text" value="0.150"/> m |

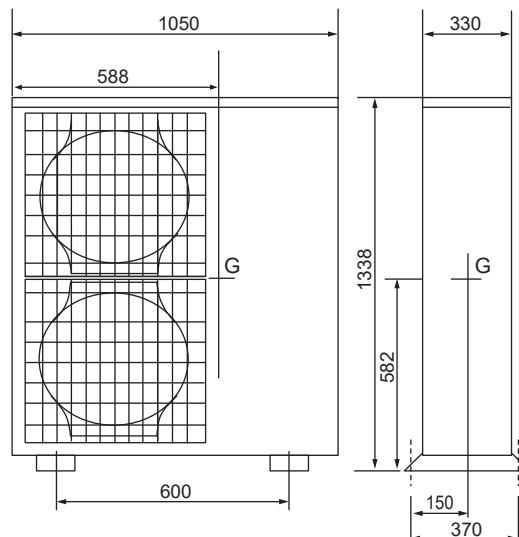
4.The examination calculation (by rounding off to the first decimal place of each item)

- | | | | |
|---|---|-------------------------------------|---|
| (1) The horizontal seismic coefficient for designing | Kh= | <input type="text" value="1.0"/> | |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= | <input type="text" value="0.5"/> | |
| (3) The horizontal earthquake forces for designing | Fh=Kh · W · 9.8= | <input type="text" value="1029.0"/> | N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= | <input type="text" value="514.5"/> | N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ | = | <input type="text" value="705.0"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= | <input type="text" value="257.3"/> | N |
| (7) The stress arising to the anchor bolt | | | |
| 1.The tensile stress. | $\sigma = R_b/A =$ | <input type="text" value="9.0"/> | MPa < ft=176MPa |
| 2.The shearing stress. | $\tau = Q/A =$ | <input type="text" value="3.3"/> | MPa < fs=101MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_t s' = 1.4 f_t - 1.6 \tau =$ | <input type="text" value="241.1"/> | MPa |
| However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. | $\sigma =$ | <input type="text" value="9.0"/> | MPa |
| | | | < fts= <input type="text" value="101.0"/> MPa |



- | | | | |
|---|-----|--|--|
| (8) The construction way of the anchor bolt | | | |
| 1.The construction way of the anchor bolt. | = | <input type="text" value="Boxed J type anchor"/> | |
| 2.The thickness of the concrete. | = | <input type="text" value="120"/> | mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = | <input type="text" value="70"/> | mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= | <input type="text" value="3136"/> | N > Rb= <input type="text" value="705"/> N |

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

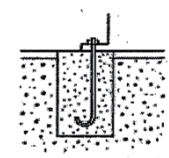
2.Model name:

3.Specification

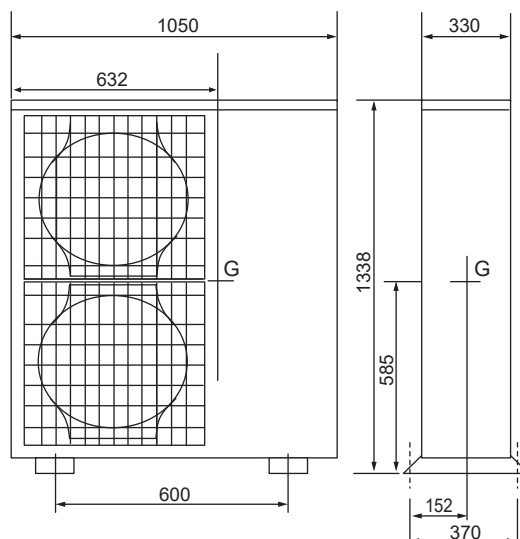
- | | | | |
|--|-----|----------------------------------|--|
| (1) Unit mass | W= | <input type="text" value="114"/> | kg |
| (2) Anchor bolt | | | |
| 1.The total number of bolts. | N= | <input type="text" value="4"/> | |
| 2.The size and shape. | "=M | <input type="text" value="10"/> | type |
| 3.The axis section area per one bolt. | A= | <input type="text" value="78"/> | mm ² = <input type="text" value="78 × 10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= | <input type="text" value="2"/> | |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= | <input type="text" value="585"/> | mm= <input type="text" value="0.585"/> m |
| (4) The bolt-span from the examination angle | L= | <input type="text" value="370"/> | mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= | <input type="text" value="152"/> | mm(Lg ≤ L/2)= <input type="text" value="0.152"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | | | |
|---|---|--|--|
| (1) The horizontal seismic coefficient for designing | Kh= | <input type="text" value="1.0"/> | |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= | <input type="text" value="0.5"/> | |
| (3) The horizontal earthquake forces for designing | Fh=Kh · W · 9.8= | <input type="text" value="1117.2"/> | N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= | <input type="text" value="558.6"/> | N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ | = | <input type="text" value="768.5"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= | <input type="text" value="279.3"/> | N |
| (7) The stress arising to the anchor bolt | | | |
| 1.The tensile stress. | $\sigma = R_b/A =$ | <input type="text" value="9.9"/> | MPa < ft=176MPa |
| 2.The shearing stress. | $\tau = Q/A =$ | <input type="text" value="3.6"/> | MPa < fs=101MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_t s' = 1.4 f_t - 1.6 \tau =$ | <input type="text" value="240.6"/> | MPa |
| However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. | $\sigma =$ | <input type="text" value="9.9"/> | MPa |
| | < fts= | <input type="text" value="101.0"/> | MPa |
| (8) The construction way of the anchor bolt | | | |
| 1.The construction way of the anchor bolt. | = | <input type="text" value="Boxed J type anchor"/> | |
| 2.The thickness of the concrete. | = | <input type="text" value="120"/> | mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = | <input type="text" value="70"/> | mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= | <input type="text" value="3136"/> | N > Rb= <input type="text" value="768"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

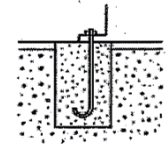
1.Type:
 2.Model name:

3.Specification

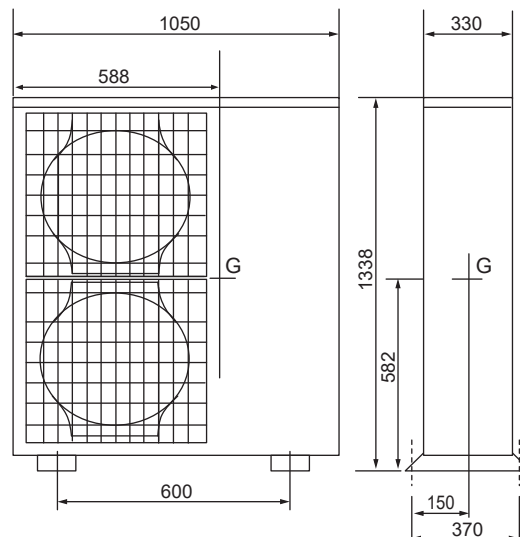
- | | | | |
|--|-----|----------------------------------|--|
| (1) Unit mass | W= | <input type="text" value="105"/> | kg |
| (2) Anchor bolt | | | |
| 1.The total number of bolts. | N= | <input type="text" value="4"/> | |
| 2.The size and shape. | "=M | <input type="text" value="10"/> | type |
| 3.The axis section area per one bolt. | A= | <input type="text" value="78"/> | mm ² = <input type="text" value="78 × 10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= | <input type="text" value="2"/> | |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= | <input type="text" value="582"/> | mm= <input type="text" value="0.582"/> m |
| (4) The bolt-span from the examination angle | L= | <input type="text" value="370"/> | mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= | <input type="text" value="150"/> | mm(Lg ≤ L/2)= <input type="text" value="0.150"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | | | |
|--|---|--|--|
| (1) The horizontal seismic coefficient for designing | Kh= | <input type="text" value="1.0"/> | |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= | <input type="text" value="0.5"/> | |
| (3) The horizontal earthquake forces for designing | Fh=Kh · W · 9.8= | <input type="text" value="1029.0"/> | N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= | <input type="text" value="514.5"/> | N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ | = | <input type="text" value="705.0"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= | <input type="text" value="257.3"/> | N |
| (7) The stress arising to the anchor bolt | | | |
| 1.The tensile stress. | $\sigma = R_b/A =$ | <input type="text" value="9.0"/> | MPa < $f_t = 176$ MPa |
| 2.The shearing stress. | $\tau = Q/A =$ | <input type="text" value="3.3"/> | MPa < $f_s = 101$ MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_t' = 1.4f_t - 1.6\tau =$ | <input type="text" value="241.1"/> | MPa |
| However f_t' equals f_t' when f_t' less than or equal to f_t , and f_t' equal f_t when f_t' is greater f_t . | $\sigma =$ | <input type="text" value="9.0"/> | MPa |
| | | | < $f_t =$ <input type="text" value="101.0"/> MPa |
| (8) The construction way of the anchor bolt | | | |
| 1.The construction way of the anchor bolt. | = | <input type="text" value="Boxed J type anchor"/> | |
| 2.The thickness of the concrete. | = | <input type="text" value="120"/> | mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = | <input type="text" value="70"/> | mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= | <input type="text" value="3136"/> | N > Rb= <input type="text" value="705"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



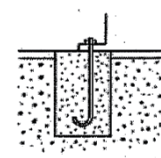
1.Type:
 2.Model name:

3.Specification

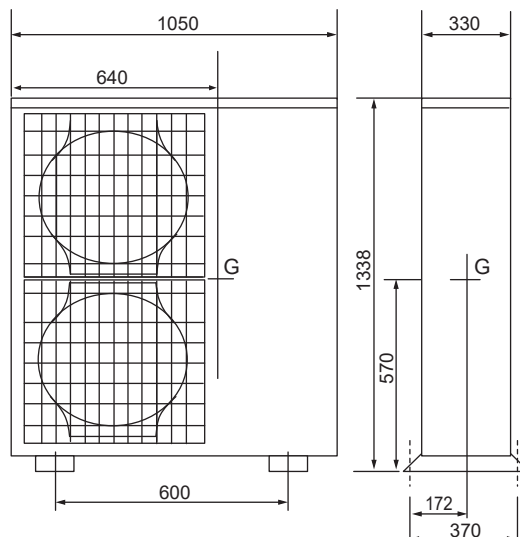
(1) Unit mass W= kg
 (2) Anchor bolt
 1.The total number of bolts. N=
 2.The size and shape. "=M type
 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
 (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
 (4) The bolt-span from the examination angle L= mm= m
 (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh=
 (2) The vertical seismic coefficient for designing Kv=Kh/2=
 (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
 (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
 (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
 (6) The shear forces of the anchor bolt Q=Fh/N= N
 (7) The stress arising to the anchor bolt
 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
 (8) The construction way of the anchor bolt
 1.The construction way of the anchor bolt. =
 2.The thickness of the concrete. = mm= m
 3.The length of buried part of bolt. = mm= m
 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

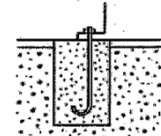
1.Type:
 2.Model name:

3.Specification

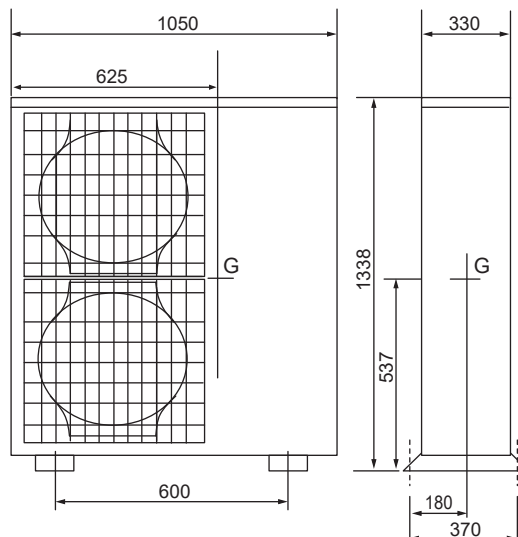
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



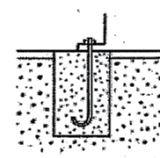
1.Type:
 2.Model name:

3.Specification

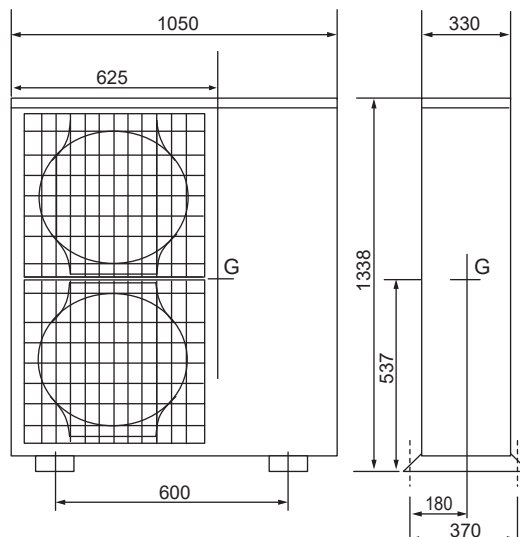
(1) Unit mass $W =$ kg
 (2) Anchor bolt
 1.The total number of bolts. $N =$
 2.The size and shape. $" = M$ type
 3.The axis section area per one bolt. $A =$ mm² = × 10⁻⁶ m²
 4.The total number of bolts in one side which be pulled stronger when the unit inverted. $N_t =$
 (3) The height between the installing surface and the center of gravity of the unit $H_g =$ mm = m
 (4) The bolt-span from the examination angle $L =$ mm = m
 (5) The distance between the center of bolt and the center of gravity of the unit $L_g =$ mm ($L_g \leq L/2$) = m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing $K_h =$
 (2) The vertical seismic coefficient for designing $K_v = K_h/2 =$
 (3) The horizontal earthquake forces for designing $F_h = K_h \cdot W \cdot 9.8 =$ N
 (4) The vertical earthquake forces for designing $F_v = K_v \cdot W \cdot 9.8 =$ N
 (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t} =$ N
 (6) The shear forces of the anchor bolt $Q = F_h/N =$ N
 (7) The stress arising to the anchor bolt
 1.The tensile stress. $\sigma = R_b/A =$ MPa < $f_t = 176$ MPa
 2.The shearing stress. $\tau = Q/A =$ MPa < $f_s = 101$ MPa
 3.The stress when affected by both the shearing and the tensile at the same time. $f_t' = 1.4f_t - 1.6\tau =$ MPa
 However f_t' equals f_t' when f_t' less than or equal to f_t , and f_t' equal f_t when f_t' is greater f_t .
 $\sigma =$ MPa < $f_t =$ MPa
 (8) The construction way of the anchor bolt
 1.The construction way of the anchor bolt. =
 2.The thickness of the concrete. = mm = m
 3.The length of buried part of bolt. = mm = m
 4.The permissible withdrawal weight. $T_a =$ N > $R_b =$ N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

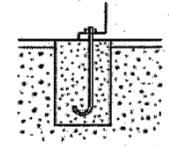
2.Model name:

3.Specification

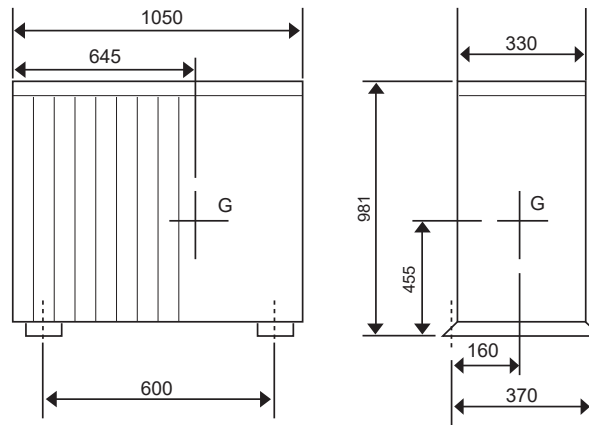
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

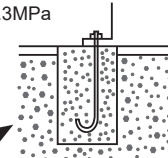
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

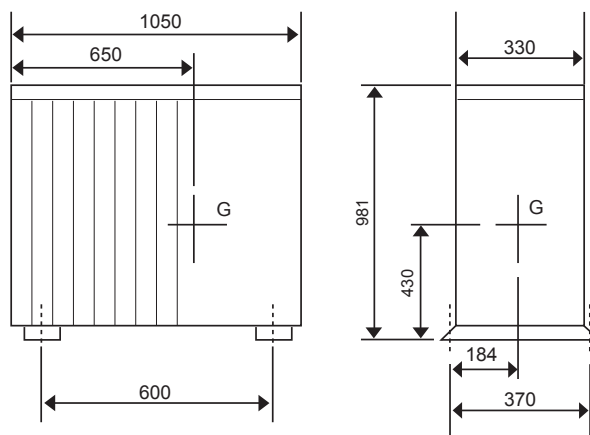
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = N$
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b / A = MPa < f_t = 176.4 MPa$
- 2.The shearing stress. $\tau = Q / A = MPa < f_s = 132.3 MPa$
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = MPa$
 $\sigma = MPa < f_{ts} = MPa$



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

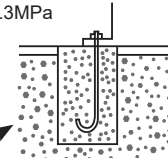
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. M=" type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

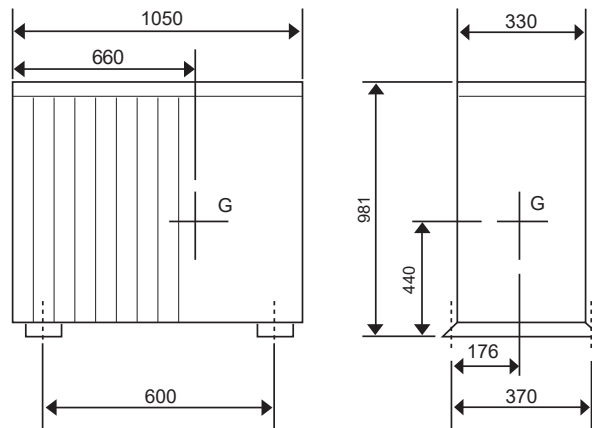
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
- 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



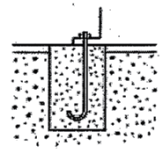
1.Type:
 2.Model name:

3.Specification

- | | | | |
|--|-----|----------------------------------|--|
| (1) Unit mass | W= | <input type="text" value="85"/> | kg |
| (2) Anchor bolt | | | |
| 1.The total number of bolts. | N= | <input type="text" value="4"/> | |
| 2.The size and shape. | "=M | <input type="text" value="10"/> | type |
| 3.The axis section area per one bolt. | A= | <input type="text" value="78"/> | mm ² = <input type="text" value="78 × 10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= | <input type="text" value="2"/> | |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= | <input type="text" value="415"/> | mm= <input type="text" value="0.415"/> m |
| (4) The bolt-span from the examination angle | L= | <input type="text" value="370"/> | mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= | <input type="text" value="160"/> | mm(Lg ≤ L/2)= <input type="text" value="0.160"/> m |

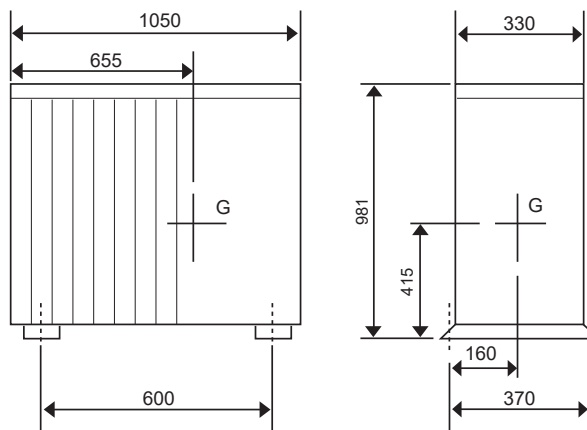
4.The examination calculation (by rounding off to the first decimal place of each item)

- | | | | |
|---|---|------------------------------------|---|
| (1) The horizontal seismic coefficient for designing | Kh= | <input type="text" value="1.0"/> | |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= | <input type="text" value="0.5"/> | |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= | <input type="text" value="833.0"/> | N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= | <input type="text" value="416.5"/> | N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ | = | <input type="text" value="377.1"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= | <input type="text" value="208.3"/> | N |
| (7) The stress arising to the anchor bolt | | | |
| 1.The tensile stress. | $\sigma = R_b/A =$ | <input type="text" value="4.8"/> | MPa < ft=176MPa |
| 2.The shearing stress. | $\tau = Q/A =$ | <input type="text" value="2.7"/> | MPa < fs=101MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_t s' = 1.4 f_t - 1.6 \tau =$ | <input type="text" value="242.1"/> | MPa |
| However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. | $\sigma =$ | <input type="text" value="4.8"/> | MPa |
| | | | < fts= <input type="text" value="101.0"/> MPa |



- | | | | |
|---|-----|--|--|
| (8) The construction way of the anchor bolt | | | |
| 1.The construction way of the anchor bolt. | = | <input type="text" value="Boxed J type anchor"/> | |
| 2.The thickness of the concrete. | = | <input type="text" value="120"/> | mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = | <input type="text" value="70"/> | mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= | <input type="text" value="3136"/> | N > Rb= <input type="text" value="377"/> N |

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

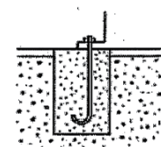
2.Model name:

3.Specification

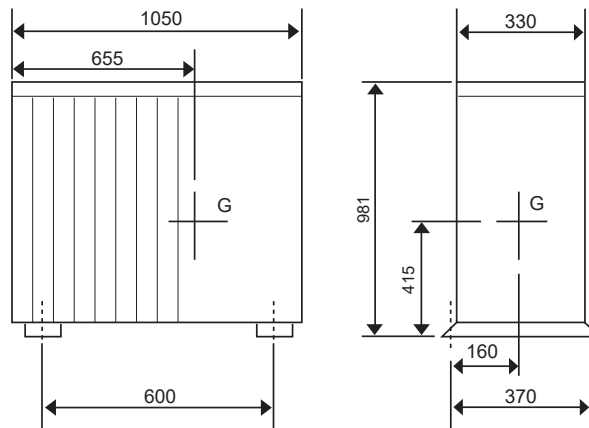
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

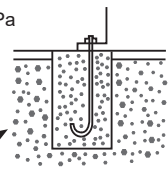
():Service Ref.

3.Specification

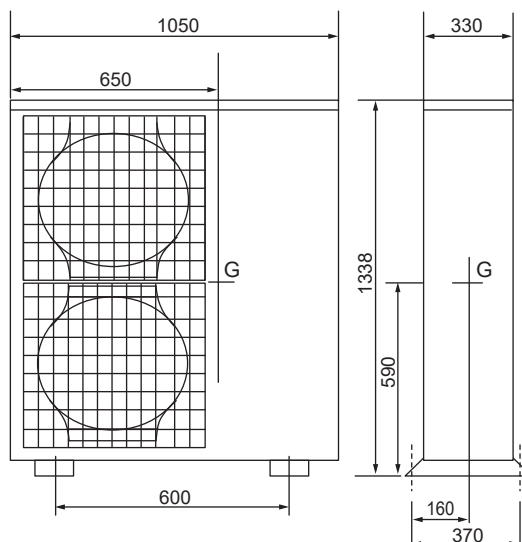
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\sigma + 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

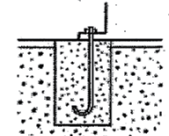
2.Model name:

3.Specification

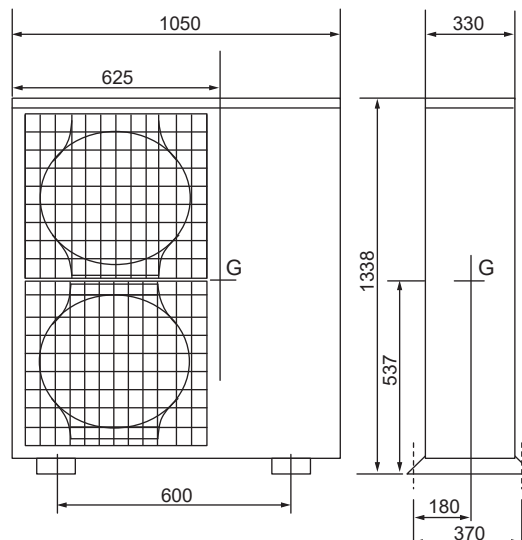
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

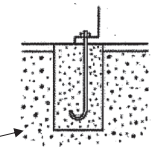
2.Model name:

3.Specification

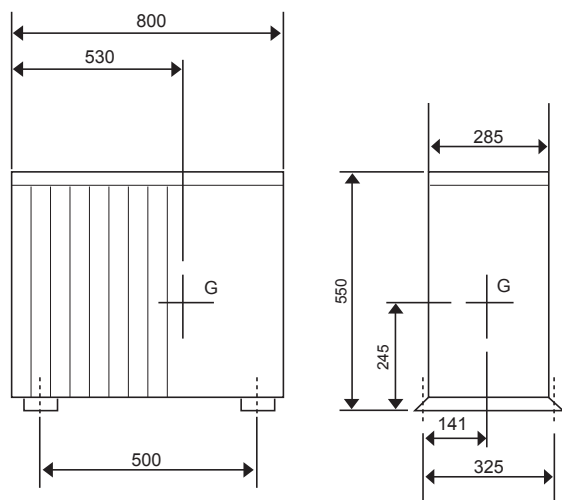
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
 - (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
 - (4) The bolt-span from the examination angle L= mm= m
 - (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft = 176.4 MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:
 2.Model name:

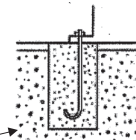
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

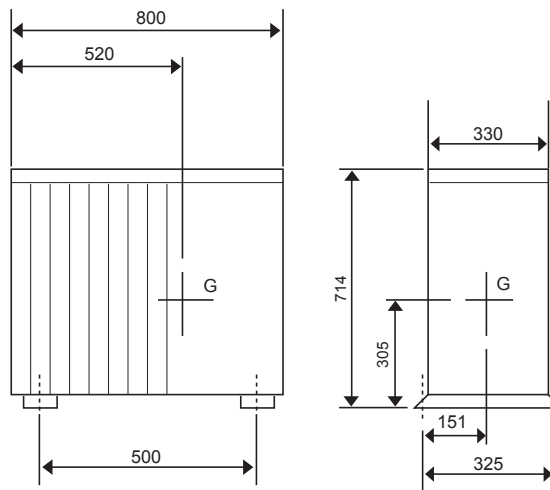
- (1) The horizontal seismic coefficient for designing Kh= N
- (2) The vertical seismic coefficient for designing Kv=Kh/2= N
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft = 176.4 MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $fts = 1.4ft - 1.6\tau =$ MPa
- $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



1.Type:

2.Model name:

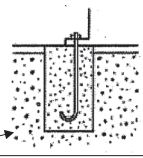
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

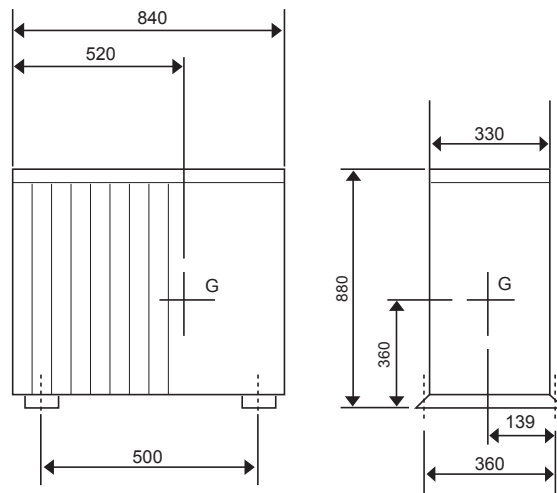
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft = 176.4 MPa
- 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
- 3.The stress when affected by both the shearing and the tensile at the same time. $fts = 1.4ft - 1.6\tau =$ MPa
 $\sigma =$ MPa < fts = MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

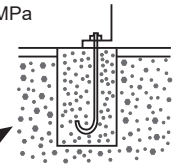
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

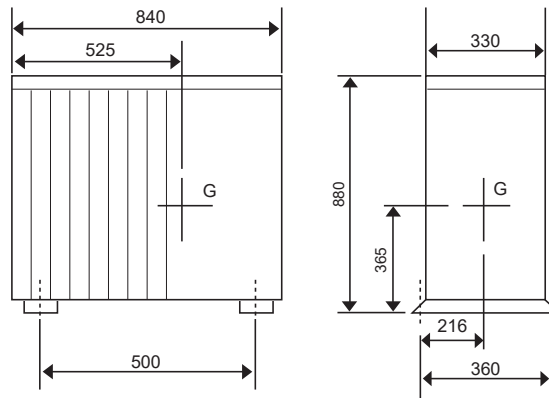
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N

- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $fts = 1.4ft - 1.6\tau =$ MPa
 $\sigma =$ MPa < $fts =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

A.8.6.2 R410A type

1.Type:

2.Model name:

3.Specification

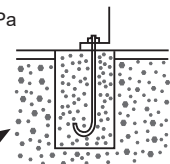
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="120"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="578"/> mm= <input type="text" value="0.578"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="370"/> mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="190"/> mm(Lg≤L/2)= <input type="text" value="0.190"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="1176.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="588.0"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = <input type="text" value="767.6"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="294.0"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="9.8"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="3.8"/> MPa < fs=132.3MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4\tau - 1.6\tau =$ <input type="text" value="240.9"/> MPa
< fts= <input type="text" value="240.9"/> MPa |

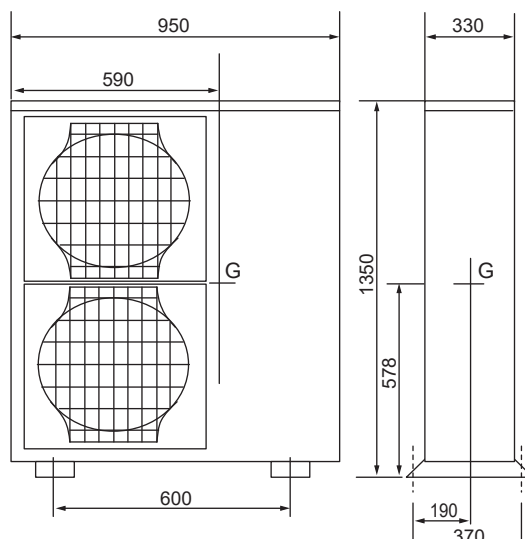
$\sigma =$ MPa

< fts= MPa



- | | |
|---|--|
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="768"/> N |

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: ZUBADAN Outdoor unit

2.Model name: PUHZ-SHW112YHA(-BS) PUHZ-SHW140YHA(-BS)

3.Specification

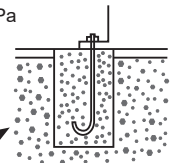
- (1) Unit mass W= 134 kg
- (2) Anchor bolt
 - 1.The total number of bolts. N= 4
 - 2.The size and shape. "M 10 type
 - 3.The axis section area per one bolt. A= 78 mm²= 78 × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 578 mm= 0.578 m
- (4) The bolt-span from the examination angle L= 370 mm= 0.370 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 190 mm(Lg ≤ L/2)= 0.190 m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= 1313.2 N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= 656.6 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 853.6 N
- (6) The shear forces of the anchor bolt Q=Fh/N= 328.3 N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A = 10.9$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A = 4.2$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\tau = 240.2$ MPa < fts= 240.2 MPa

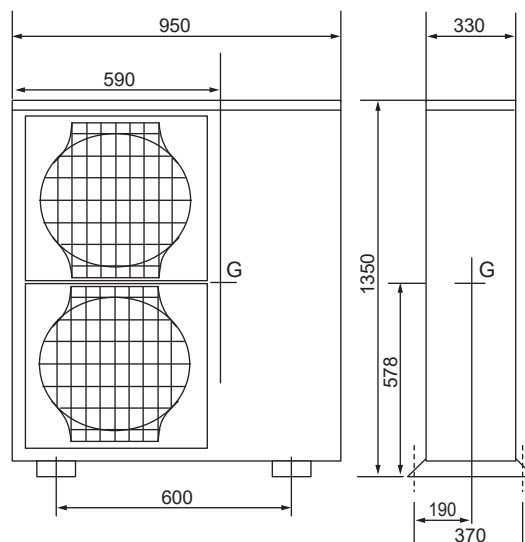
$\sigma = 10.9$ MPa

< fts= 240.2 MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. = Boxed J type anchor
 - 2.The thickness of the concrete. = 120 mm= 0.120 m
 - 3.The length of buried part of bolt. = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight. Ta= 3136 N > Rb= 854 N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type: ZUBADAN Outdoor unit

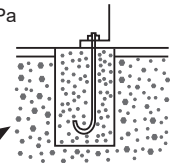
2.Model name: PUHZ-SHW230YKA2

3.Specification

- (1) Unit mass W= 149 kg
- (2) Anchor bolt
 - 1.The total number of bolts N= 4
 - 2.The size and shape "M 10 type
 - 3.The axis section area per one bolt A= 78 mm²= 78 × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 590 mm= 0.590 m
- (4) The bolt-span from the examination angle L= 370 mm= 0.370 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 190 mm(Lg ≤ L/2)= 0.190 m

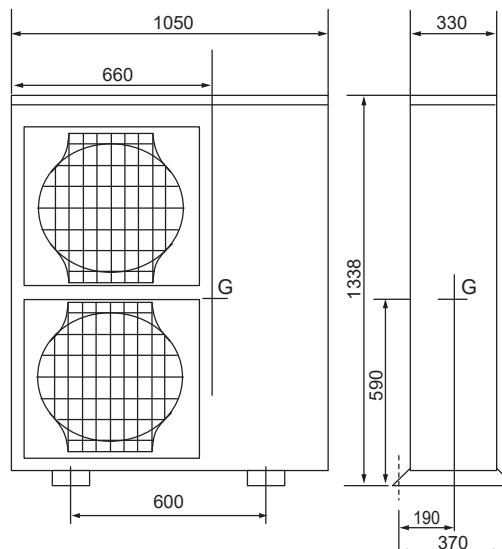
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= 1460.2 N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 730.1 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 976.8 N
- (6) The shear forces of the anchor bolt Q=Fh/N= 365.1 N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress $\sigma = R_b/A = 12.5$ MPa < ft=176.4MPa
 - 2.The shearing stress $\tau = Q/A = 4.7$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time $f_{ts} = 1.4\tau + 1.6\sigma = 239.4$ MPa < fts= 239.4 MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt = Boxed J type anchor
 - 2.The thickness of the concrete = 120 mm= 0.120 m
 - 3.The length of buried part of bolt = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight Ta= 3136 N > Rb= 977 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

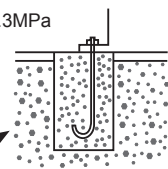
2.Model name:

3.Specification

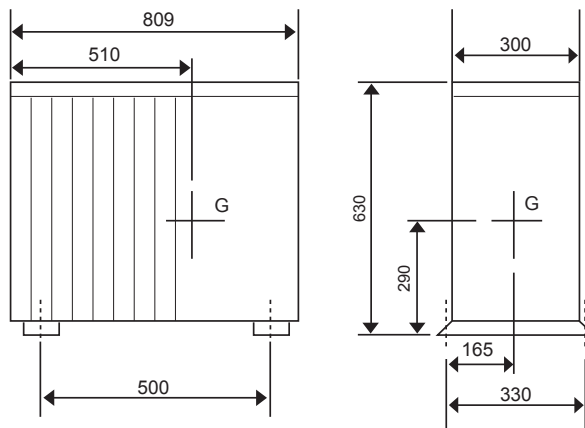
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa
 $\sigma =$ MPa < f_{ts}= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

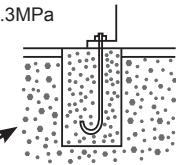
2.Model name:

3.Specification

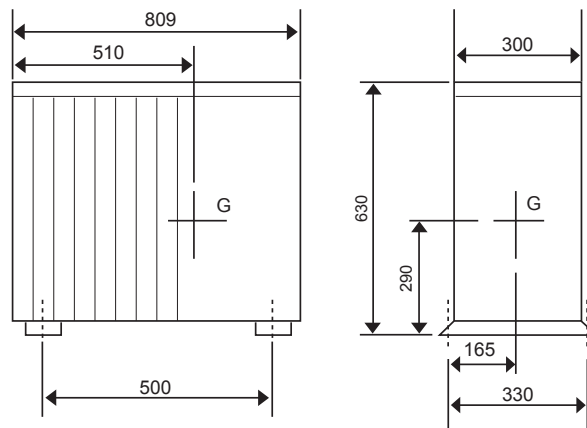
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_t s =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

3.Specification

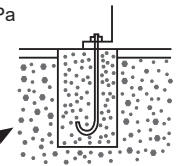
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

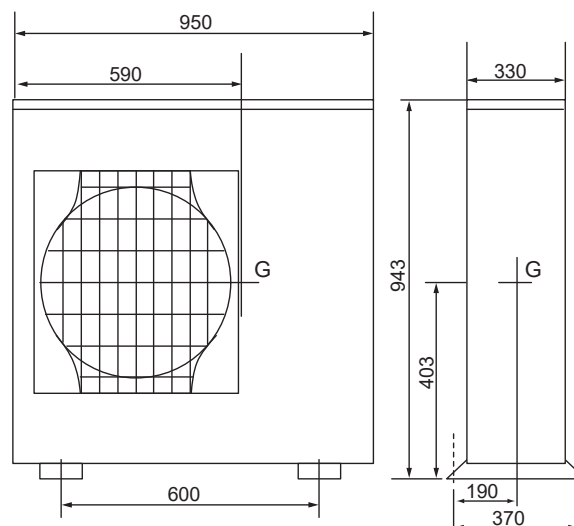
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

3.Specification

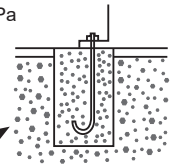
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

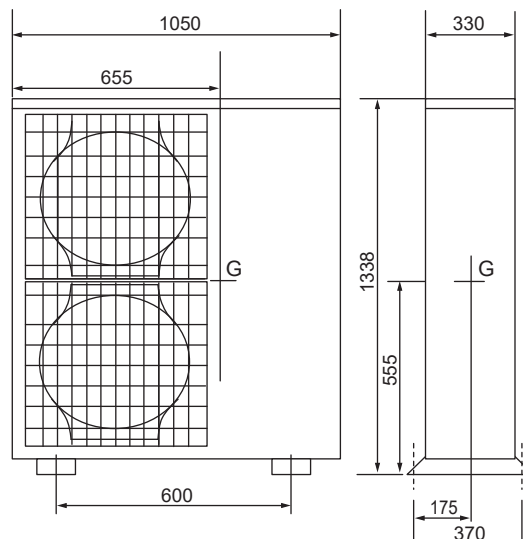
$\sigma =$ MPa

< fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

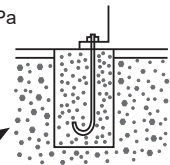
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa

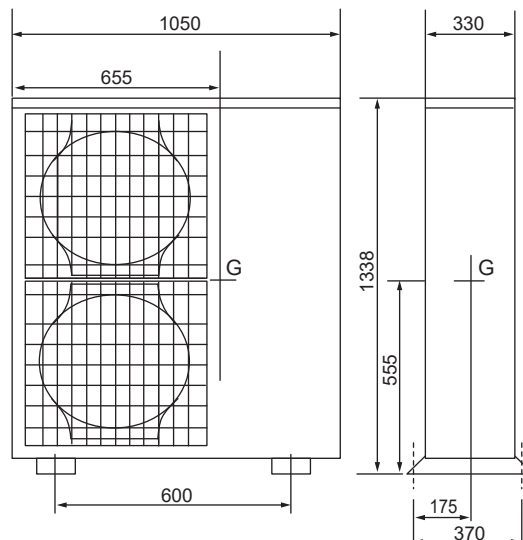
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

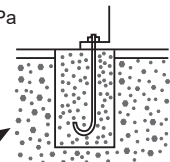
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

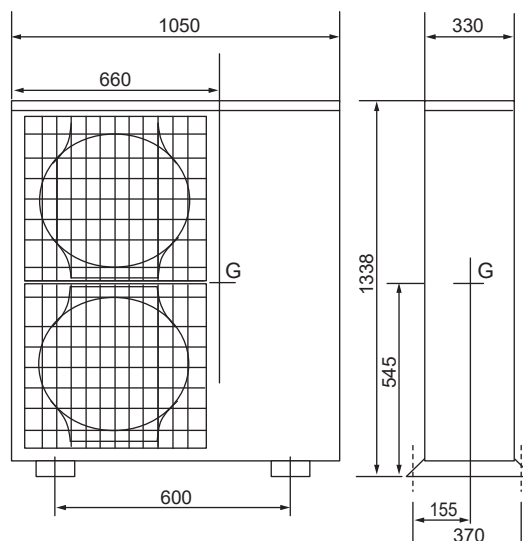
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa
 $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

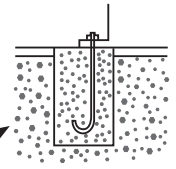
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa

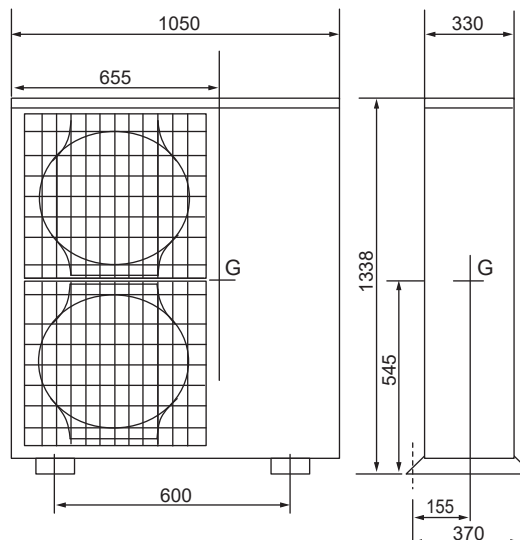
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

3.Specification

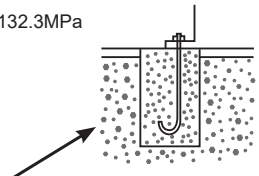
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

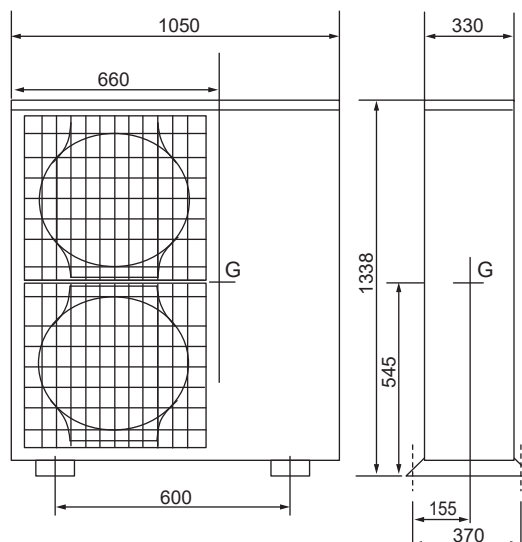
$\sigma =$ MPa

< fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

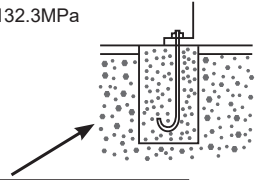
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

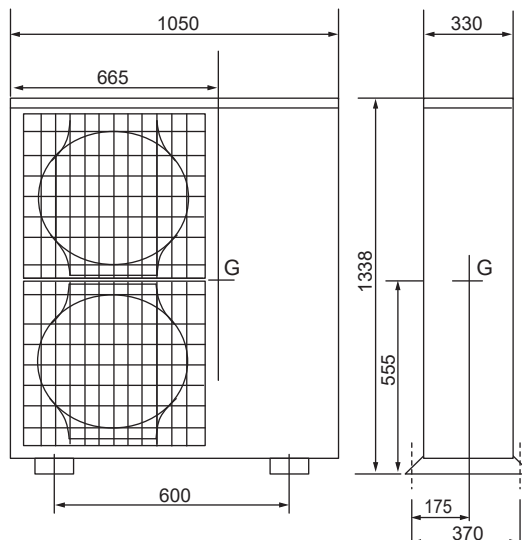
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt

$$R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = N$$
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A = MPa < f_t = 176.4 MPa$
 - 2.The shearing stress. $\tau = Q/A = MPa < f_s = 132.3 MPa$
 - 3.The stress when affected by both the shearing and the tensile at the same time.
 $f_{ts} = 1.4f_t - 1.6\tau = MPa$
 $\sigma = MPa < f_{ts} = MPa$



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

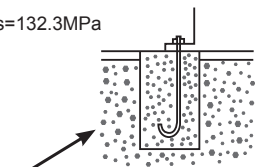
2.Model name:

3.Specification

- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="76"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78 × 10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="440"/> mm= <input type="text" value="0.440"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="370"/> mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="194"/> mm(Lg ≤ L/2)= <input type="text" value="0.194"/> m |

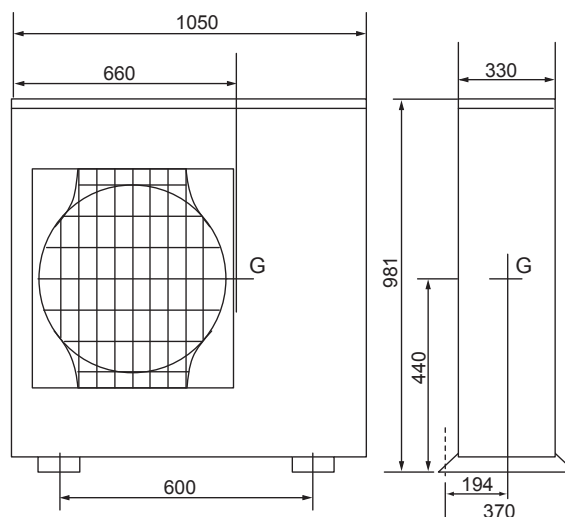
4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh · W · 9.8= <input type="text" value="744.8"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= <input type="text" value="372.4"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = <input type="text" value="345.2"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="186.2"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="4.4"/> MPa < $f_t = 176.4$ MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="2.4"/> MPa < $f_s = 132.3$ MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4f_t - 1.6\tau =$ <input type="text" value="243.1"/> MPa |
| | $\sigma =$ <input type="text" value="4.4"/> MPa < $f_{ts} =$ <input type="text" value="243.1"/> MPa |



- | | |
|---|--|
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="345.2"/> N |

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

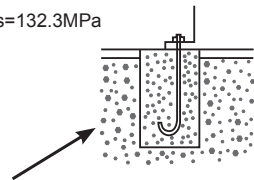
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa

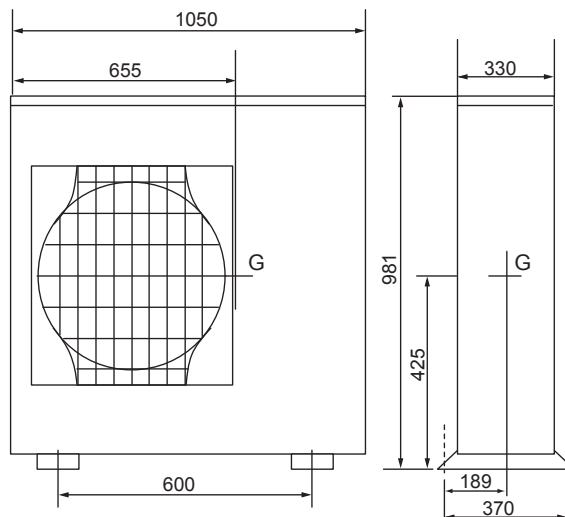
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



1.Type:

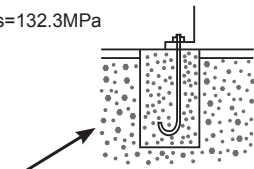
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

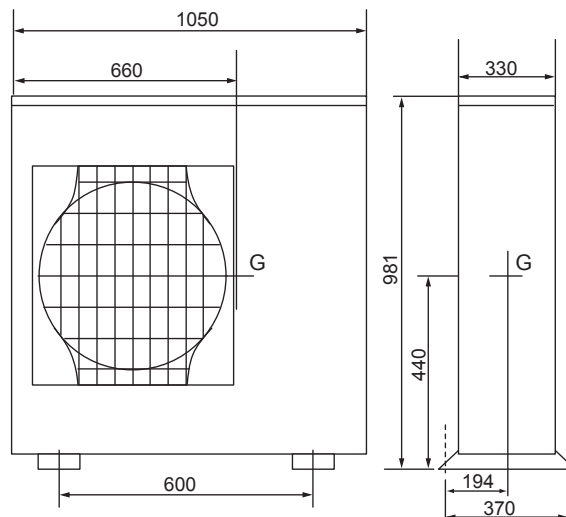
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6 \tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

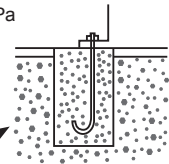
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

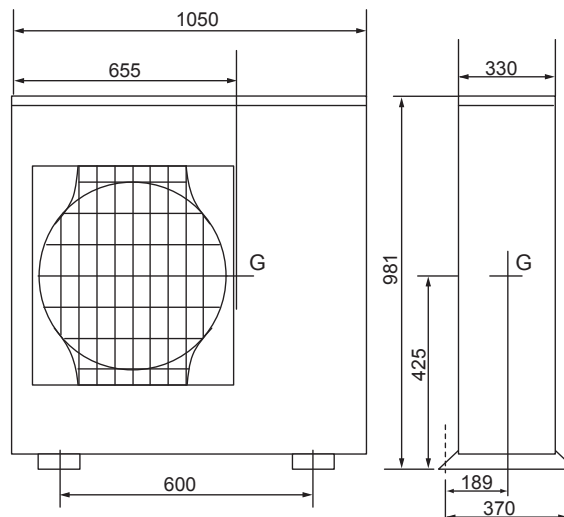
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6 \tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



1.Type:

2.Model name:

3.Specification

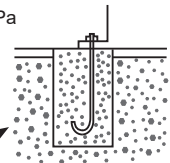
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa

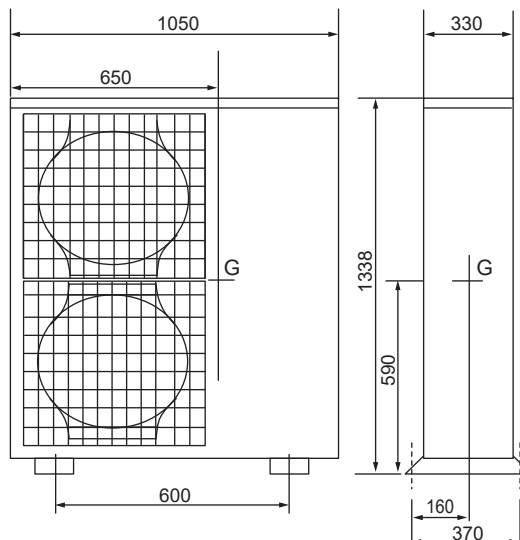
$\sigma =$ MPa

< fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

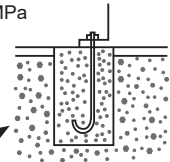
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

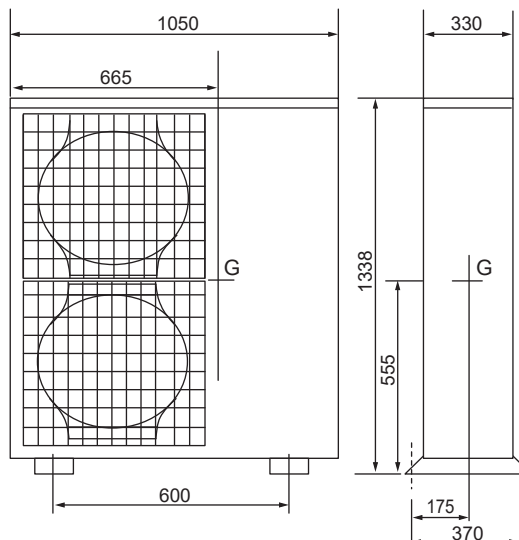
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ= MPa
 $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type: Economy Inverter Outdoor unit

2.Model name: SUZ-SA71VA3

3.Specification

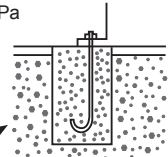
- (1) Unit mass W= 52 kg
- (2) Anchor bolt
 - 1.The total number of bolts. N= 4
 - 2.The size and shape. "=M 10 type
 - 3.The axis section area per one bolt. A= 78 mm²= 78×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 340 mm= 0.340 m
- (4) The bolt-span from the examination angle L= 360 mm= 0.360 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 165 mm(Lg≤L/2)= 0.165 m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= 509.6 N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 254.8 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 182.3 N
- (6) The shear forces of the anchor bolt Q=Fh/N= 127.4 N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A = 2.3$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A = 1.6$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = 244.4$ MPa

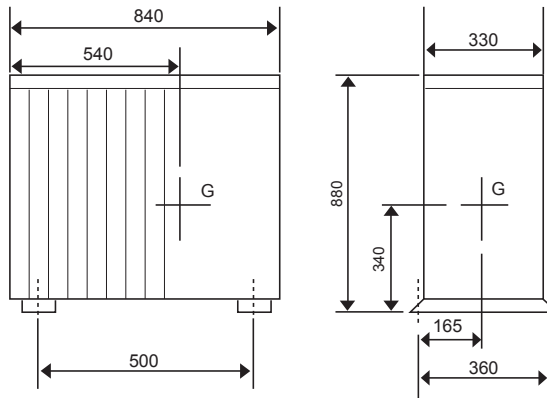
$\sigma = 2.3$ MPa

< $f_{ts} = 244.4$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. = Boxed J type anchor
 - 2.The thickness of the concrete. = 120 mm= 0.120 m
 - 3.The length of buried part of bolt. = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight. Ta= 3136 N > Rb 182 N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type: Economy Inverter Outdoor unit

2.Model name: SUZ-SA100VA2

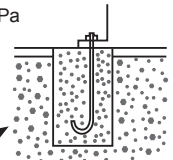
3.Specification

- (1) Unit mass W= 56 kg
- (2) Anchor bolt
 - 1.The total number of bolts. N= 4
 - 2.The size and shape. "=M 10 type
 - 3.The axis section area per one bolt. A= 78 mm²= 78×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 340 mm= 0.340 m
- (4) The bolt-span from the examination angle L= 360 mm= 0.360 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 165 mm(Lg≤L/2)= 0.165 m

4.The examination calculation (by rounding off to the first decimal place of each item)

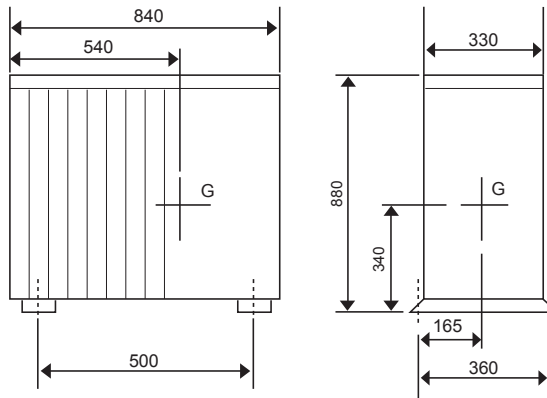
- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= 548.8 N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 274.4 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = 196.3 \text{ N}$
- (6) The shear forces of the anchor bolt Q=Fh/N= 137.2 N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b/A = 2.5 \text{ MPa} < f_t = 176.4 \text{ MPa}$
- 2.The shearing stress. $\tau = Q/A = 1.8 \text{ MPa} < f_s = 132.3 \text{ MPa}$
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = 244.1 \text{ MPa}$
 $\sigma = 2.5 \text{ MPa} < f_{ts} = 244.1 \text{ MPa}$



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. = Boxed J type anchor
 - 2.The thickness of the concrete. = 120 mm= 0.120 m
 - 3.The length of buried part of bolt. = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight. T_a= 3136 N > R_b 196 N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

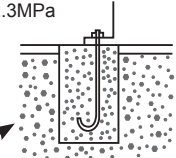
2.Model name:

3.Specification

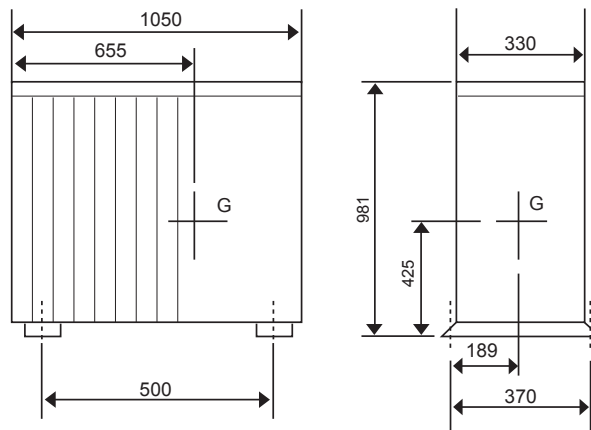
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

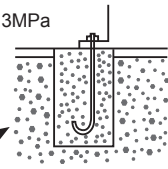
2.Model name:

3.Specification

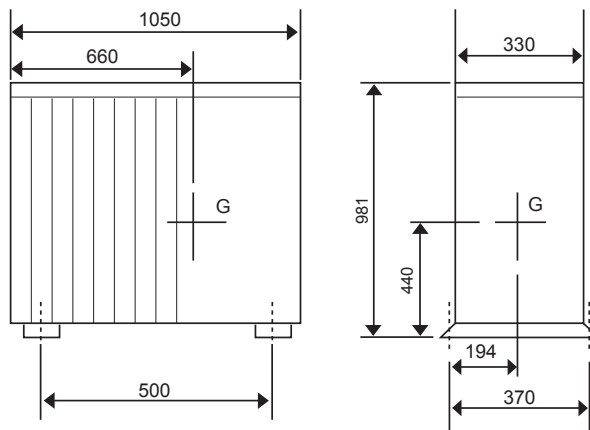
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

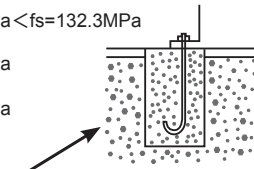
2.Model name:

3.Specification

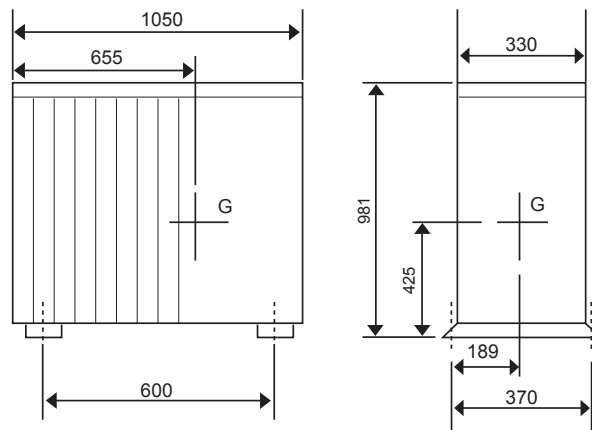
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="85"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="425"/> mm= <input type="text" value="0.425"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="370"/> mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="189"/> mm(Lg≤L/2)= <input type="text" value="0.189"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="833.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="416.5"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="372.0"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="208.3"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="4.8"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="2.7"/> MPa < fs=132.3MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4\tau + 1.6\sigma =$ <input type="text" value="242.6"/> MPa
< fts= <input type="text" value="242.6"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="372.0"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

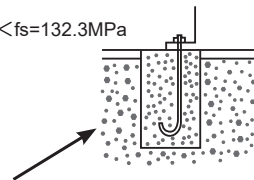
2.Model name:

3.Specification

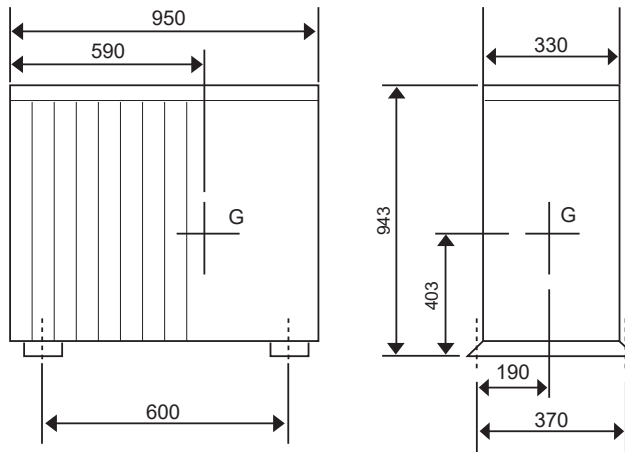
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts N=
 - 2.The size and shape "=M type
 - 3.The axis section area per one bolt A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt =
 - 2.The thickness of the concrete = mm= m
 - 3.The length of buried part of bolt = mm= m
 - 4.The permissible withdrawal weight Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



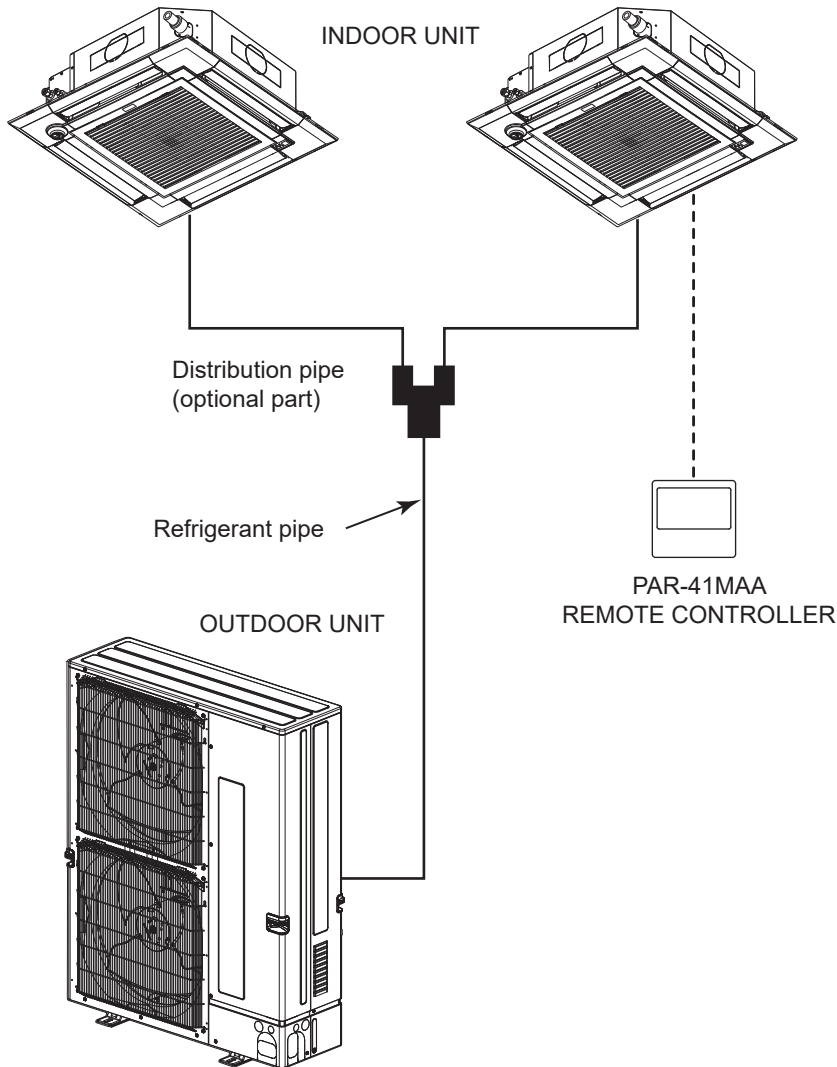
OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

A.9 MULTI SYSTEM

A.9.1	2,3 & 4-WAY MULTI SYSTEM.....	A-578
A.9.2	MULTI SYSTEM COMBINATION CHART	A-579
A.9.2.1	Combination chart.....	A-579
	1.1. R32 type.....	A-579
	1.2. R410A type	A-579
A.9.3	REFRIGERANT PIPING	A-580
	A.9.3.1 R32 type.....	A-580
	A.9.3.2 R410A type	A-588
A.9.4	ELECTRICAL WORK	A-597

A.9.1 2,3 & 4-WAY MULTI SYSTEM

A single outdoor unit has sufficient power to serve up to 4 indoor units, and 1 remote controller can be used to manage all unit. If 2 remote controllers are available, they can be used as main and sub control terminals. Multi-Distributor piping for greater system installation flexibility is also available.

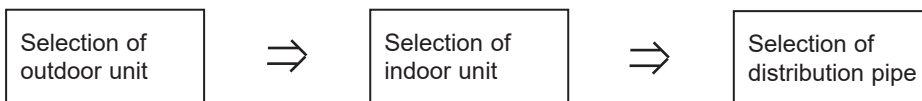


MULTI SYSTEM 2. 3&4-WAY MULTI SYSTEM

Advantage of Mr.Slim Multi System

- 1) Equally comfortable air conditioning for big space with multiple indoor units.
- 2) Various indoor unit combinations available.
- 3) Reduction of installation space of outdoor unit.
- 4) Automatic address setting for easy installation.

Procedure of selection



A.9.2 MULTI SYSTEM COMBINATION CHART

A.9.2.1. Combination chart

1.1. R32 type

PUZ-ZM·VHA2 PUZ-ZM·VKA2 PUZ-ZM·YKA2

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
ZM71	35×2	—	—	—
ZM100	50×2	—	35×3	—
ZM125	60×2	—	50×3	35×4
ZM140	71×2	—	50×3	35×4
ZM200	—	100×2	60×3	50×4
ZM250	—	125×2	71×3	60×4
Distribution pipe	MSDD-50TR2-E	MSDD-50WR2-E	MSDT-111R3-E	MSDF-1111R2-E

Please refer to A-4 for more detail.

PUZ-M·VKA2 PUZ-M·YKA2

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
M100	50×2	—	35×3	—
M125	60×2	—	50×3	35×4
M140	71×2	—	50×3	—
M200	—	100×2	60×3	50×4
M250	—	125×2	71×3	60×4
Distribution pipe	MSDD-50TR2-E	MSDD-50WR2-E	MSDT-111R3-E	MSDT-1111R2-E

Please refer to A-4 for more detail.

PUZ-SM·VKA2 PUZ-SM·YKA2

Outdoor unit	Indoor unit
	Twin
SM100	50×2
SM125	60×2
SM140	71×2
Distribution pipe	MSDD-50TR2-E

Please refer to A-4 for more detail.

1.2. R410A type

PUHZ-SHW·V(Y)(2)(-BS)

PUHZ-ZRP·VHA2 PUHZ-ZRP·VKA2(3) PUHZ-ZRP·YKA3

PUHZ-P·VKA PUHZ-P·YKA(3)

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
ZRP71	35×2	—	—	—
ZRP100,SHW112,P100	50×2	—	35×3 (ZRP100)	—
ZRP125,SHW140,P125	60×2	—	50×3 (ZRP125)	35×4 (ZRP125)
ZRP140,P140	71×2	—	50×3	35×4 (ZRP140)
ZRP200,P200	—	100×2	60×3	50×4
SHW230	—	100×2	—	—
ZRP250,P250	—	125×2	71×3	60×4
Distribution pipe	MSDD-50TR-E	MSDD-50WR-E	MSDT-111R-E	MSDF-1111R-E

Please refer to A-4 for more detail.

A.9.3 REFRIGERANT PIPING

A.9.3.1 R32 type

■PUZ-ZM35VKA2 PUZ-ZM50VKA2 PUZ-ZM71VHA2 PUZ-ZM100VKA2 PUZ-ZM125VKA2
 PUZ-ZM140VKA2 PUZ-ZM100YKA2 PUZ-ZM125YKA2 PUZ-ZM140YKA2

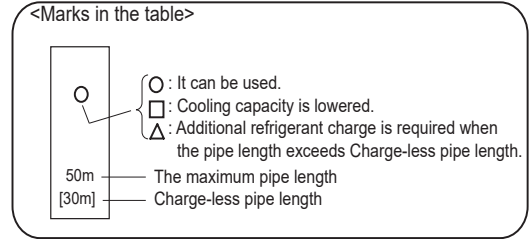
1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	φ6.35			φ9.52			φ12.7	
	Thickness	t0.8			t0.8			t0.8	
Gas pipe (mm)	OD	φ9.52	φ12.7	φ15.88	φ12.7	φ15.88	φ19.05	φ15.88	φ19.05
	Thickness	t0.8	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0
ZM35,50	□ 30m *1 [30m]	Standard size 50m [30m]	○*2 30m [30m]	△ 30m [20m]	△*2 30m [20m]	/	/	/	/
ZM60,71	/	□ 10m [10m]	○ 10m [10m]	□ 30m [30m]	Standard size 55m [30m]	/	△ 30m [20m]	/	/
ZM100,125,140	/	/	/	/	Standard size 100m*3 [40m]	○ 50m [30m]	△ 50m [20m]	△ 50m [20m]	/



- *1. ZM50 : maximum pipe length is 10m.
- *2. Change the SW8-1 on the outdoor controller circuit board from OFF to ON.
- *3. The maximum length is 100m in case of new pipes.

(2) TWIN, TRIPLE AND QUADRUPLE SYSTEM

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	ZM71(35×2)		ZM100(50×2)			ZM125(60×2)・ZM140(71×2)		
		φ6.35	φ9.52	φ9.52	φ9.52	φ12.7	φ9.52	φ9.52	φ12.7
Branch pipe (mm) [B, C]	Gas pipe	φ12.7	φ15.88	φ15.88	φ19.05	φ19.05	φ15.88	φ19.05	φ19.05
	Branch pipe (mm) [B, C]	Liquid pipe	φ6.35	Standard size 55m [30m]	Standard size 100m* [40m]	○ 50m [30m]	△ 50m [20m]	/	/
Gas pipe		φ12.7	/	/	/	/	/	/	/
Liquid pipe		φ9.52	/	○ 50m [30m]	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 100m* [40m]	○ 50m [30m]
Gas pipe		φ15.88	/	/	/	/	/	/	△ 50m [20m]
Branch pipe (mm) [B, C]	Liquid pipe	φ12.7	/	/	/	/	/	/	/
	Gas pipe	φ19.05	/	/	/	/	/	/	/

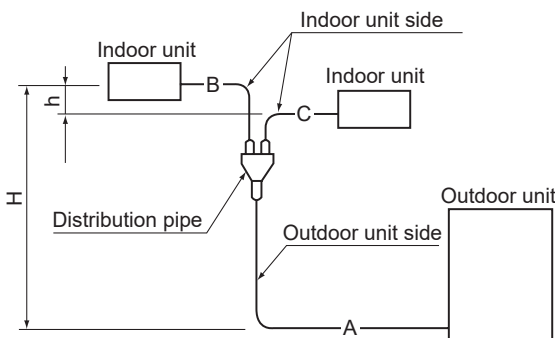
* The maximum length is 100 m in case of new pipes.

(b) TRIPLE SYSTEM

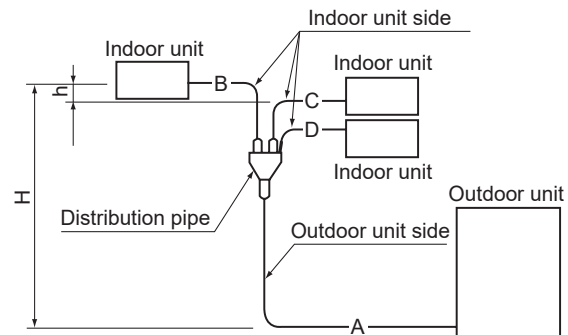
<Table 3> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	ZM140(50×3)		
		φ9.52	φ9.52	φ12.7
Branch pipe (mm) [B, C, D]	Gas pipe	φ15.88	φ19.05	φ19.05
	Branch pipe (mm) [B, C, D]	Liquid pipe	φ6.35	Standard size 100m* [40m]
Gas pipe		φ12.7	/	△ 50m [20m]
Liquid pipe		φ9.52	○ 50m [30m]	○ 50m [30m]
Gas pipe		φ15.88	/	△ 50m [20m]
Branch pipe (mm) [B, C, D]	Liquid pipe	φ12.7	/	/
	Gas pipe	φ19.05	/	/

* The maximum length is 100 m in case of new pipes.



<TWIN SYSTEM>
 Total length A + B + C
 ZM71 : 55 m
 ZM100,125,140: 100 m



<TRIPLE SYSTEM>
 Total length A + B + C + D
 ZM140: 100 m

■PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2
 PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2

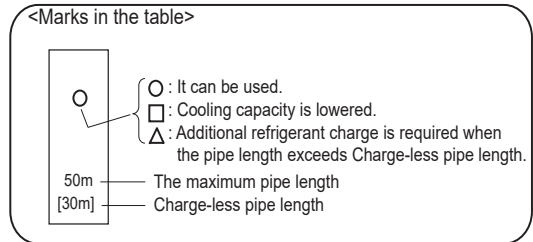
1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length(M100,M125,M140)

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
M100		Standard size 55m [30m]	○ 50m [30m]	△ 25m [15m]	△ 25m [15m]	
M125,M140		Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]	△ 30m [15m]	



(2) TWIN, TRIPLE AND QUADRUPLE SYSTEM

(a) TWIN SYSTEM

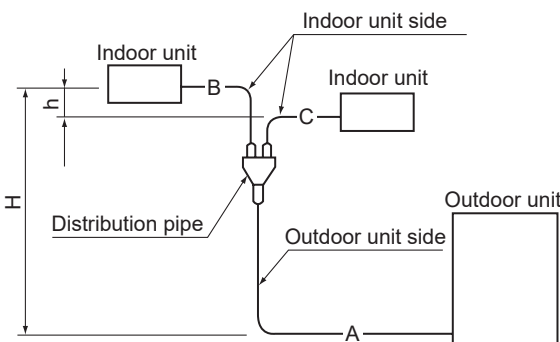
<Table 2> Maximum pipe length(M100,M125,M140)

Main pipe (mm) [A]	Liquid pipe		M100(50×2)			M125(60×2)·M140(71×2)		
	Gas pipe		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 55m [30m]	○ 50m [30m]	△ 30m [10m]			
	Gas pipe	ø12.7						
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [30m]	Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]
	Gas pipe	ø15.88						

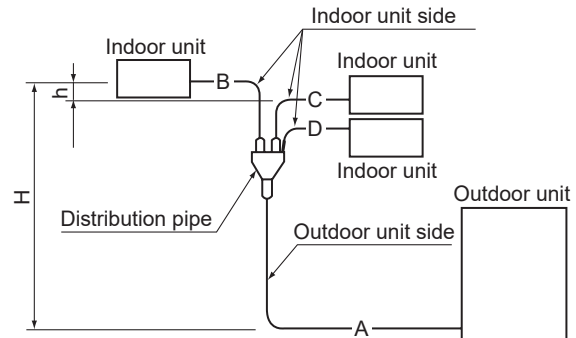
(b) TRIPLE SYSTEM

<Table 3> Maximum pipe length(M140)

Main pipe (mm) [A]	Liquid pipe		M140(50×3)		
	Gas pipe		ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C, D]	Liquid pipe	ø6.35	Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]
	Gas pipe	ø12.7			
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [15m]
	Gas pipe	ø15.88			



<TWIN SYSTEM>
 Total length A + B + C
 M125,M140 ≤ 65 m



<TRIPLE SYSTEM>
 Total length A + B + C + D
 M140 ≤ 65 m

MULTI SYSTEM
 REFRIGERANT PIPING

■ **PUZ-SM100VKA2 PUZ-SM125VKA2 PUZ-SM140VKA2**
PUZ-SM100YKA2 PUZ-SM125YKA2 PUZ-SM140YKA2

1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
SM100	Standard size	30m	○ 30m	△ 25m	△ 25m	
		[30m]	[30m]	[15m]	[15m]	
SM125,140	Standard size	40m	○ 40m	△ 30m	△ 30m	
		[30m]	[30m]	[15m]	[15m]	

<Marks in the table>

- : It can be used.
- : Cooling capacity is lowered.
- △ : Additional refrigerant charge is required when the pipe length exceeds Charge-less pipe length
- 50m — The maximum pipe length
- 30m — Charge-less pipe length

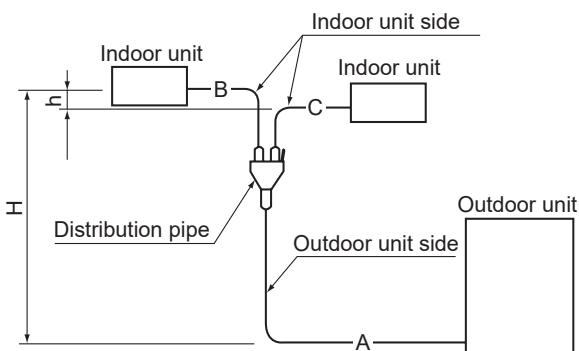
MULTI SYSTEM REFRIGERANT PIPING

(2) TWIN

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe		SM100(50×2)			SM125(60×2)-SM140(71×2)		
	Gas pipe		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 30m [30m]	○ 30m	△ 30m	Standard size 40m [30m]	○ 40m [30m]	△ 30m [15m]
	Gas pipe	ø12.7		[30m]	[10m]			
	Liquid pipe	ø9.52	○ 30m [30m]	○ 30m [30m]	△ 30m [30m]			
	Gas pipe	ø15.88						



Total length A + B + C
 SM100 : ≤ 30 m
 SM125, 140 : ≤ 40 m

2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 3, 4 when liquid pipe is 1 size larger than standard diameter.

- **PUZ-ZM35VKA2** **PUZ-ZM100YKA2**
- PUZ-ZM50VKA2** **PUZ-ZM125VKA2**
- PUZ-ZM60VHA2** **PUZ-ZM125YKA2**
- PUZ-ZM71VHA2** **PUZ-ZM140VKA2**
- PUZ-ZM100VKA2** **PUZ-ZM140YKA2**

<Table 3> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-ZM35,50	φ9.52	40 g per 1 m
PUZ-ZM60,71	φ12.7	80 g per 1 m
PUZ-ZM100,125,140	φ12.7	80 g per 1 m

<Table 4> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 20 m
PUZ-ZM71,100,125,140	Additional refrigerant amount $\Delta W(g) = (80 \times L1) + (40 \times L2) + (15 \times L3) - 1600$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

L1: φ12.7 liquid pipe length (m)

L2: φ9.52 liquid pipe length (m)

L3: φ6.35 liquid pipe length (m)

<Table 5> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	55 – 75m	75 – 100m
1 : 1 system	PUZ-ZM35	50m or less	2.0kg	0.15kg	0.3kg	/	/	/
	PUZ-ZM50		2.0kg	0.15kg	0.3kg	/	/	
	PUZ-ZM60, 71	55m or less	2.8kg	0.4kg	0.8kg		/	/
	PUZ-ZM100,125,140	100m or less	3.6kg	/	0.4kg	0.6kg	1.4kg	2.4kg

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	55– 75m	75 – 100m
Twin Triple system	PUZ-ZM71	55m or less	2.8kg	0.4kg	0.8kg		/	/
	PUZ-ZM100,125,140	100m or less	3.6kg	/	0.4kg	0.6kg	1.4kg	2.4kg

MULTI SYSTEM

REFRIGERANT PIPING

• Check additional refrigerant charging amount referring to table 6, 7 when liquid pipe is 1 size larger than standard diameter.

**■PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2
PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2**

<Table 6> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-M100,125,140	φ12.7	80 g per 1 m

<Table 7> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-M100,125,140	Additional refrigerant amount $\Delta W(g) = (80 \times L1) + (40 \times L2) + (15 \times L3) - 1200$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

L1: φ12.7 liquid pipe length (m)

L2: φ9.52 liquid pipe length (m)

L3: φ6.35 liquid pipe length (m)

<Table 8> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	56 – 60m	61 – 65m
1 : 1 system	PUZ-M100	55m or less	3.1kg	0.4kg	0.8kg	1.0kg	/	/
	PUZ-M125,140	65m or less	3.6kg	0.4kg	0.8kg	1.0kg	1.2kg	1.4kg

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	56 – 60m	61 – 65m
Twin Triple system	PUZ-M100	55m or less	3.1kg	0.4kg	0.8kg	1.0kg	/	/
	PUZ-M125,140	65m or less	3.6kg	0.4kg	0.8kg	1.0kg	1.2kg	1.4kg

• Check additional refrigerant charging amount referring to table 9, 10 when liquid pipe is 1 size larger than standard diameter

**■PUZ-SM100VKA2 PUZ-SM125VKA2 PUZ-SM140VKA2
PUZ-SM100YKA2 PUZ-SM125YKA2 PUZ-SM140YKA2**

<Table 9> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-SM100,125,140	φ12.7	80 g per 1 m

<Table 10> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-SM100,125,140	Additional refrigerant amount $\Delta W(g) = (80 \times L1) + (40 \times L2) + (15 \times L3) - 1200$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

L1: φ12.7 liquid pipe length (m)

L2: φ9.52 liquid pipe length (m)

L3: φ6.35 liquid pipe length (m)

<Table 11> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)	
				31 – 40m	41 – 65m
1 : 1 system	PUZ-SM100	30m or less	3.1kg	/	/
	PUZ-SM125,140	40m or less	3.6kg	0.4kg	/

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)	
				31 – 40m	41 – 65m
Twin system	PUZ-SM100	30m or less	3.1kg	/	/
	PUZ-SM125,140	40m or less	3.6kg	0.4kg	/

MULTI SYSTEM REFRIGERANT PIPING

■PUZ-ZM200YKA2
PUZ-ZM250YKA2

1. TWIN, TRIPLE AND QUADRUPLE SYSTEM

(1) Twin

<Table 1> Maximum pipe length (Main pipe[A]+Branch pipe diameter [B and C])

Main pipe (mm)[A]	Liquid pipe	ZM200 twin (100×2)												ZM250 twin (125×2)											
		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
	Gas pipe	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Branch pipe [mm] [B, C]	Liquid pipe φ9.52	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ15.88	□ 20m	□ 30m	Standard size 100m [30m]	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m
	Liquid pipe φ9.52	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m
Branch pipe [mm] [B, C]	Liquid pipe φ12.7	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m

• Be sure to use hard (tempered) one for pipe over φ22.2.

(2) Triple

<Table 2> Maximum pipe length (Main pipe [A] + Branch pipe [B, C and D])

Main pipe (mm)[A]	Liquid pipe	ZM200 triple (60×3)												ZM250 triple (71×3)											
		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
	Gas pipe	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Branch pipe [mm] [B, C, D]	Liquid pipe φ9.52	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ15.88	□ 20m	□ 30m	Standard size 100m [30m]	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m
	Liquid pipe φ9.52	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m
Branch pipe [mm] [B, C, D]	Liquid pipe φ12.7	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m

• Be sure to use hard (tempered) one for pipe over φ22.2.

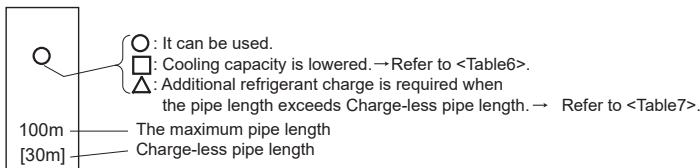
(3) Quadruple

<Table 3> Maximum pipe length (Main pipe[A]+Branch pipe [B, C, D and E])

Main pipe (mm)[A]	Liquid pipe	ZM200 quadruple (50×4)												ZM250 quadruple (60×4)											
		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
	Gas pipe	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Branch pipe [mm] [B, C, D, E]	Liquid pipe φ6.35	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	/	/	/	/	/	/	/	/	/	/	/	/
	Gas pipe φ12.7	□ 20m	□ 30m	Standard size 100m [30m]	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	/	/	/	/	/	/	/	/	/	/	/	/
	Liquid pipe φ9.52	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ15.88	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m
Branch pipe [mm] [B, C, D, E]	Liquid pipe φ9.52	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	△ 50m	△ 50m	△ 50m	△ 50m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m
Branch pipe [mm] [B, C, D, E]	Liquid pipe φ12.7	/	/	/	/	/	/	/	/	/	/	/	/	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m	□ 20m	□ 50m	○ 100m	○ 100m
	Gas pipe φ19.05	/	/	/	/	/	/	/	/	/	/	/	/	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	○ 100m	○ 100m

• Be sure to use hard (tempered) one for pipe over φ22.2.

<Marks in the table above>



MULTI SYSTEM REFRIGERANT PIPING

Outdoor unit	A+B+C+D						Maximum amount of refrigerant
	Amount of additional refrigerant charge (kg)						
	30 m and less	31 - 40 m	41 - 50 m	51 - 60 m	61 - 70 m	71 - 100 m	
ZM200	No additional charge necessary	0.4 kg	0.8 kg	1.2 kg	1.6 kg	Calculate the amount of additional refrigerant charge using formula provided below.	9.2 kg
ZM250		0.6 kg	1.2 kg	1.8 kg	2.4 kg		9.2 kg

When length exceeds 70 m

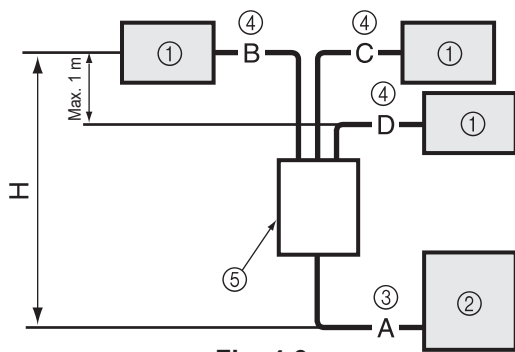
When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.

Note: If the calculation produces a negative number (i.e. a "minus" charge), or if calculation results in an amount that is less than the "Additional charge amount for 70 m", perform the additional charge using the amount shown in "Additional charge amount for 70 m".

Amount of additional charge (kg)	=	Main piping: Liquid line size ø12.7 overall length × 0.06 (m) × 0.06 (kg/m)	+	Main piping: Liquid line size ø9.52 overall length × 0.04 (Gas line: ø25.4) (m) × 0.04 (kg/m)	+	Branch piping: Liquid line size ø9.52 overall length × 0.03 (Gas line: ø15.88) (m) × 0.03 (kg/m)	+	Branch piping: Liquid line size ø6.35 overall length × 0.01 (m) × 0.01 (kg/m)	-	ZM200 1.2 (kg)
----------------------------------	---	---	---	---	---	--	---	---	---	----------------

Maximum additional charge	ZM200	2.9 kg
---------------------------	-------	--------

Additional charge amount for 70 meters	ZM200	1.6 kg
--	-------	--------



- ① Indoor unit
- ② Outdoor unit
- ③ Main piping
- ④ Branch piping
- ⑤ Multi distribution pipe (option)

Outdoor unit : ZM200 A: ø12.7.....65 m
 Indoor unit 1 : ZM60 B: ø9.52.....5 m
 Indoor unit 2 : ZM60 C: ø9.52.....5 m
 Indoor unit 3 : ZM60 D: ø9.52.....5 m
 Main piping ø12.7 is A = 65 m
 Branch piping ø9.52 is B + C + D = 15 m
 Therefore, the amount of additional charge is: 65 × 0.06 + 15 × 0.04 - 1.2 = 3.3(kg)
 (Fractions are rounded up)

Fig. 4-9

Maximum pipe length (ZM200-250)

Liquid pipe (mm)	O.D.	ø9.52				ø12.7				ø15.88			
	Thickness	t0.8				t0.8				t1.0			
Gas pipe (mm)	O.D.	ø19.05	ø22.2	ø25.4	ø28.58	ø19.05	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75
	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
ZM200		□	□	○	○	□	□	○	○	△□	△	△	△
		20m [20m]	50m [30m]	100m [30m]	100m [30m]	20m [20m]	50m [30m]	100m [30m]	100m [30m]	50m [20m]	50m [20m]	50m [20m]	50m [20m]
ZM250		□	□	○	○	□	□	○	○	△□	△	△	△
		20m [20m]	50m [30m]	100m [30m]	100m [30m]	20m [20m]	50m [30m]	100m [30m]	100m [30m]	50m [20m]	50m [20m]	50m [20m]	50m [20m]

Note : Be sure to use hard (tempered) one for pipe over ø19.05.

<Marks in the table above>

Outdoor unit	Permissible total piping length A+B+C+D+E	A+B or A+C or A+D or A+E	Charge-less piping length A+B+C+D+E
ZM200 ZM250	100 m and less	100 m and less	30 m and less

Outdoor unit	B-C or B-D or B-E or C-D or C-E or D-E	No. of bends
ZM200, 250	8 m and less	Within 15

ZM200, 250

Additional refrigerant amount when the liquid pipe of the larger diameter is used.

1:1 system

Liquid pipe	When the pipe length exceeds 20 m
ø15.88	Additional refrigerant amount Δw (g) = 180 × Pipe length (m) - 3000

* Δw (g) ≤ 0 : Additional charge is not necessary.

Simultaneous twin/triple/quadruple system

When the pipe length (main piping and branch piping) exceeds 20 m
Additional refrigerant amount Δw (g) = (180 × L1) + (120 × L2) + (90 × L3) + (30 × L4) - 3000

L1 : ø15.88 liquid pipe length (m) L2 : ø12.7 liquid pipe length (m)

L3 : ø9.52 liquid pipe length (m) L4 : ø6.35 liquid pipe length (m)

* Δw (g) ≤ 0 : Additional charge is not necessary.

■ PUZ-M200YKA2
PUZ-M250YKA2

1. PIPE LENGTH

1-1. TWIN TRIPLE AND QUADRUPLE SYSTEM

(1) TWIN SYSTEM

<Table 1> Maximum pipe length(M200, M250)

Main pipe (mm) [A]	Liquid pipe Gas pipe	O.D. Thickness	M200(100x2)								M250(125x2)											
			φ9.52		φ12.7		φ15.88		φ9.52		φ12.7		φ15.88									
			φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75				
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]

(2) TRIPLE SYSTEM

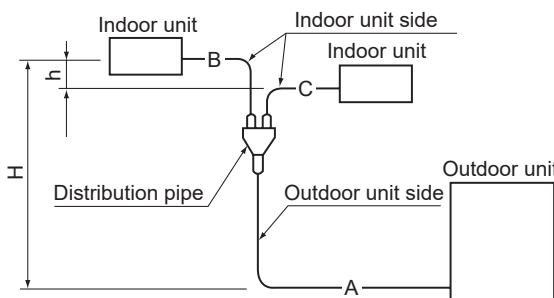
<Table 2> Maximum pipe length(M200, M250)

Main pipe (mm) [A]	Liquid pipe Gas pipe	O.D. Thickness	M200(60x3)								M250(71x3)											
			φ9.52		φ12.7		φ15.88		φ9.52		φ12.7		φ15.88									
			φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75				
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]

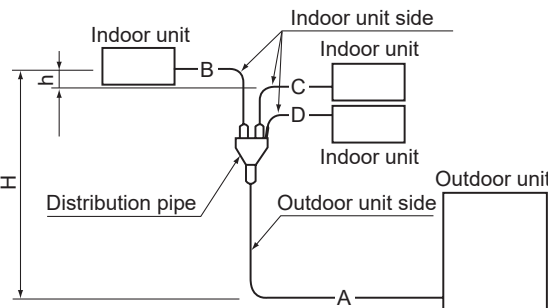
(3) QUADRUPLE SYSTEM

<Table 3> Maximum pipe length(M200,M250)

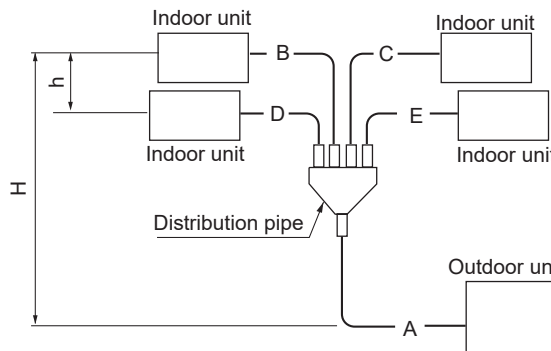
Main pipe (mm) [A]	Liquid pipe Gas pipe	O.D. Thickness	M200(50x4)								M250(60x4)											
			φ9.52		φ12.7		φ15.88		φ9.52		φ12.7		φ15.88									
			φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75				
Branch pipe (mm) [B,C]	Liquid pipe	φ6.35	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ12.7	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]
	Liquid pipe	φ9.52	□	○	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]



<TWIN SYSTEM>
Total length A + B + C
M200, 250: 70 m



<TRIPLE SYSTEM>
Total length A + B + C + D
M200, 250: 70 m



<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
M200, 250 : 70 m

	Outdoor unit	Pipe size (mm)<inch>				Actual piping length <m>			Height deffence <m>		(Note 1) No. of bend			
		Gas side		Liquid side		Total length A+B+C+D+E	Indoor ~ Indoor	Branch pipe B, C, D	Indoor ~ Outdoor	Indoor ~ Indoor				
		Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side									
TWIN	200, 250	φ25.4 <1>		φ9.52<3/8> (200) φ15.88<5/8> (250)		70m	B-C	8m	30m	H30m	h 1m	15		
TRIPLE		50 φ12.7 <1/2> 60 φ15.88<5/8>		60,71, 100, 125 φ9.52<3/8> (200) φ12.7<1/2> (250)									B-C C-D B-D	8m
QUADRUPLE		50 φ6.35 <1/4> 60 φ9.52<3/8>		50 φ6.35 <1/4> 60 φ9.52<3/8>										

Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.

2. PUZ-M250: 30 m chargeless

A.9.3.2 R410A type

■PUHZ-SHW112VHA(-BS)
 PUHZ-SHW112YHA(-BS)
 PUHZ-SHW140YHA(-BS)

PUHZ-ZRP71VHA2
 PUHZ-ZRP100VKA3
 PUHZ-ZRP100YKA3

PUHZ-ZRP125VKA3
 PUHZ-ZRP125YKA3
 PUHZ-ZRP140VKA3
 PUHZ-ZRP140YKA3

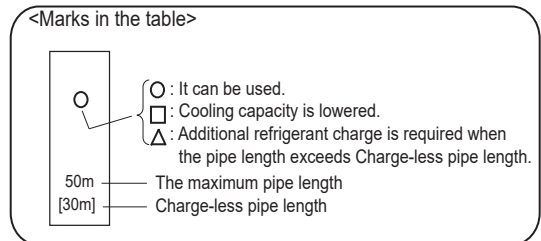
1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	φ6.35			φ9.52			φ12.7	
	Thickness	t0.8			t0.8			t0.8	
Gas pipe (mm)	OD	φ9.52	φ12.7	φ15.88	φ12.7	φ15.88	φ19.05	φ15.88	φ19.05
	Thickness	t0.8	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0
ZRP35,50	□ 30m *1 [30m]	Standard size 50m [30m]	○*2 30m [30m]	△ 30m [20m]	△*2 30m [20m]	/	/	/	/
ZRP60,71	/	□ 10m [10m]	○ 10m [10m]	□ 30m [30m]	Standard size 50m [30m]	/	△ 30m [20m]	/	/
SHW112,140 ZRP100,125,140	/	/	/	/	Standard size 50m *3 [30m]	○ 50m [30m]	△ 50m [20m]	△ 50m [20m]	/



- *1. ZRP50 : maximum pipe length is 10m.
- *2. Change the SW8-1 on the outdoor controller circuit board from OFF to ON.
- *3. The maximum length is 75m in case of new pipes.

(2) TWIN AND TRIPLE SYSTEM

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	SHW112(50×2), ZRP100(50×2)			SHW140(60×2), ZRP125(60×2), ZRP140(71×2)			ZRP71(35×2)	
		φ9.52	φ9.52	φ12.7	φ9.52	φ9.52	φ12.7	φ6.35	φ9.52
Branch pipe (mm) [B, C]	Gas pipe	φ15.88	φ19.05	φ19.05	φ15.88	φ19.05	φ19.05	φ12.7	φ15.88
	Liquid pipe	φ6.35	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]	/	/	/	Standard size 50m [30m]
		φ12.7	/	/	/	/	/	/	/
	Gas pipe	φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]	○ 50m [30m]
		φ15.88	/	/	/	/	/	/	/
	Liquid pipe	φ12.7	/	/	/	/	/	/	/
Gas pipe	φ19.05	/	/	/	/	/	/	/	

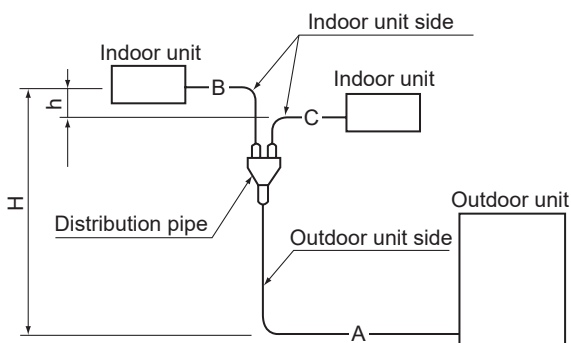
* The maximum length is 75m in case of new pipes.

(b) TRIPLE SYSTEM

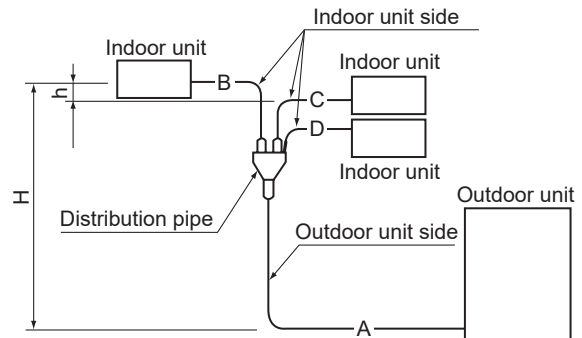
<Table 3> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	ZRP100(35×3), ZRP125(50×3), ZRP140(50×3)			
		φ9.52	φ9.52	φ12.7	
Branch pipe (mm) [B, C, D]	Gas pipe	φ15.88	φ19.05	φ19.05	
	Liquid pipe	φ6.35	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]
		φ12.7	/	/	/
	Gas pipe	φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]
		φ15.88	/	/	/
	Liquid pipe	φ12.7	/	/	/
Gas pipe	φ19.05	/	/	/	

* The maximum length is 75m in case of new pipes.



<TWIN SYSTEM>
 Total length A + B + C
 SHW112,140: 75 m
 ZRP71 : 50 m
 ZRP100,125,140: 75 m



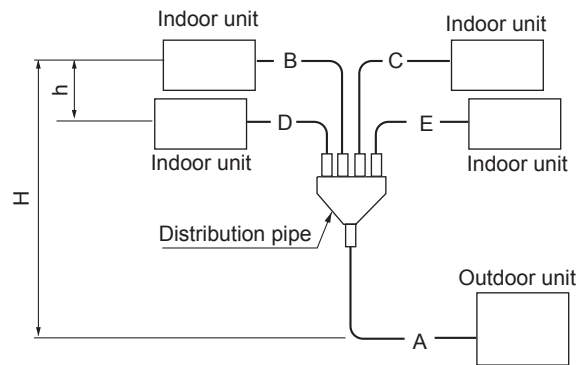
<TRIPLE SYSTEM>
 Total length A + B + C + D
 ZRP100,125,140: 75 m

(C) QUADRUPLE SYSTEM

<Table 4> Maximum pipe length

Main pipe (mm) [A]	ZRP125, 140 (35×4)			
	Liquid pipe	ø9.52	ø9.52	ø12.7
	Gas pipe	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C, D, E]	Liquid pipe	ø6.35 Standard size 50m* [30m]	○	△
	Gas pipe		○	△
	Liquid pipe	○	△	
	Gas pipe	○	△	
	Liquid pipe	○	△	
	Gas pipe	○	△	

* The maximum length is 75 m in case of new pipes.



<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
ZRP125,140 : 75 m

2. ADJUSTING THE AMOUNT OF REFRIGERANT

- Check additional refrigerant charging amount referring to table 5, 6 when liquid pipe is 1 size larger than standard diameter.

<Table 5> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUHZ-ZRP35,50	ø9.52	60 g per 1 m
PUHZ-ZRP60,71	ø12.7	100 g per 1 m
PUHZ-SHW112,140 PUHZ-ZRP100,125,140	ø12.7	100 g per 1 m

<Table 6> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 20 m
PUHZ-SHW112,140 PUHZ-ZRP71,100,125,140	Additional refrigerant amount $\Delta W(g) = (100 \times L1) + (60 \times L2) + (30 \times L3) - 2000$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

L1: ø12.7 liquid pipe length (m)

L2: ø9.52 liquid pipe length (m)

L3: ø6.35 liquid pipe length (m)

<Table 7> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 60m	61 – 70m	71 – 75m
1 : 1 system	PUHZ-ZRP35	50m or less	2.2kg	0.2kg	0.4kg	/	/	/
	PUHZ-ZRP50		2.4kg	0.2kg	0.4kg	/	/	
	PUHZ-ZRP71		3.5kg	0.6kg	1.2kg	/	/	
	PUHZ-SHW112,140	75m or less	5.5kg	0.6kg	1.2kg	1.8kg	2.4kg	
	PUHZ-ZRP100,125,140	75m or less	5.0kg	0.6kg	1.2kg	1.8kg	2.4kg	

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 60m	61 – 70m	71 – 75m
Twin Triple system	PUHZ-ZRP71	50m or less	3.5kg	0.6kg	1.2kg	/	/	/
	PUHZ-SHW112,140	75m or less	5.5kg	0.6kg	1.2kg	1.8kg	2.4kg	
	PUHZ-ZRP100,125,140	75m or less	5.0kg	0.6kg	1.2kg	1.8kg	2.4kg	

MULTI SYSTEM REFRIGERANT PIPING

■ PUAZ-ZRP200YKA3
 PUAZ-ZRP250YKA3
 PUAZ-SHW230YKA2

1. 1:1 SYSTEM

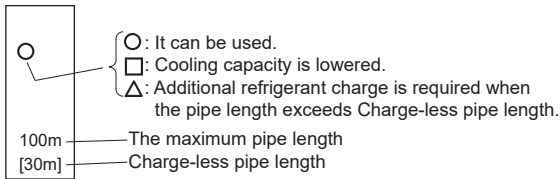
(1) Pipe length

<Table 1> Maximum pipe length (ZRP200, ZRP250)

Liquid pipe (mm)	O.D.	φ9.52				φ12.7				φ15.88			
	Thick-ness	t0.8				t0.8				t1.0			
Gas pipe (mm)	O.D.	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
	Thick-ness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
ZRP200		□ 20m [20m]	□ 50m [30m]	○ Standard size 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
ZRP250		□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ Standard size 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

Note : Be sure to use hard (tempered) one for pipe over φ22.2.

<Marks in the table above>



(2) Adjusting the amount of refrigerant

Check additional refrigerant charging amount referring to table 7 when the liquid pipe diameter is 1 size larger than the standard size, and table 2 when the pipe of the standard diameter is used.

<Table 2>

Outdoor unit	permitted pipe length	Initial charge (kg)	Amount of additional refrigerant charge (kg)					The additional charge amount is obtained by the following formula.
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	
ZRP200	100m or less	7.1	No additional charge necessary	0.9 kg	1.8 kg	2.7 kg	3.6 kg	
ZRP250		7.7		1.2 kg	2.4 kg	3.6 kg	4.8 kg	

When length exceeds 70 m

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.
 Note: If the calculation produces a negative number (i.e. a "minus" charge), if of calculation results in an amount that is less than the "Additional charge amount for 70 m", perform the additional charge using the amount shown in "Additional charge amount for 70 m".

Amount of additional charge (kg)	=	Main piping: Liquid line size φ12.7 overall length × 0.11 (m) × 0.11 (kg/m)	+	Main piping: Liquid line size φ9.52 overall length × 0.09 (Gas line: φ25.4) (m) × 0.09 (kg/m)	+	Branch piping: Liquid line size φ9.52 overall length × 0.06 (Gas line: φ15.88) (m) × 0.06 (kg/m)	+	Branch piping: Liquid line size φ6.35 overall length × 0.02 (m) × 0.02 (kg/m)	-	3.6 (kg)
----------------------------------	---	---	---	---	---	--	---	---	---	----------

Additional charge amount for 70 meters	ZRP200	3.6 kg
	ZRP250	4.8 kg

•If the wiring connecting the indoor and outdoor units is longer than 80m, use separate indoor /outdoor unit power supplies.

Pipe diameter and thickness

OD (mm)	φ6.35	φ9.52	φ12.7	φ15.88	φ19.05	φ22.2	φ25.4	φ28.58	φ31.75
Thickness (mm)	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.1

Be sure to use hard (tempered) one for pipe over φ 22.2.

- ① Indoor unit
- ② Outdoor unit
- ③ Main piping
- ④ Branch piping
- ⑤ Multi distribution pipe (option)

- 1 Height difference (Indoor unit- Outdoor unit) Max. 30 m
- 2 Height difference (Indoor unit- Indoor unit) Max. 1 m
- 3 Distance between indoor and indoor units pipe length. Max. 8m
 $|B-C| |B-D| |B-E|$
 $|C-D| |C-E| |D-E|$
- 4 Number of pipe bends
 Within 15 points
 8 points between main pipe A and each branch pipe (B, C, D, E).

<Table 6> Lowered cooling capacity by the smaller gas pipe diameter

Pipe length	Cooling capacity ratio	
	gas pipe φ22.2	gas pipe φ19.05
5m and less	100%	100%
6-10m	100-95%	100-88%
11-20m	95-88%	88-77%
21-30m	88-83%	—
31-40m	83-79%	—
41-50m	79-75%	—

<Table 7> Additional refrigerant amount when the liquid pipe of the larger diameter is used. (Single /Simultaneous Twin / Simultaneous Triple / Simultaneous Quadruple)

Capacity	When the extension pipe length (main piping + branch piping) exceeds 20m
ZRP200, ZRP250	Additional refrigerant amount $\Delta W(g) = (180 \times L_1) + (120 \times L_2) + (90 \times L_3) + (30 \times L_4) - 3000$

L₁ : φ15.88 liquid pipe (m) L₂ : φ12.7 liquid pipe (m)
 L₃ : φ9.52 liquid pipe (m) L₄ : φ6.35 liquid pipe (m)

If the calculation produces a negative number (i.e. a "minus" charge), additional charging is not necessary. ($\Delta W \leq 0$)

<Table 8>

Outdoor unit	Permissible total piping length A+B+C+D+E	A+B or A+C or A+D or A+E	Charge-less piping length A+B+C+D+E
ZRP200,ZRP250	100 m and less	100 m and less	30 m and less
Outdoor unit	Permissible total piping length A+B+C	A+B or A+C	Charge-less piping length A+B+C
SHW230	80 m or less	80 m or less	20 m or less for liquid pipe size = φ12.7 30 m or less for liquid pipe size = φ9.52

<Table 9>

Outdoor unit	B-C or B-D or B-E or C-D or C-E or D-E	Number of pipe bends
ZRP200,ZRP250	8 m and less	Within 15
Outdoor unit	B-C	Number of pipe bends
SHW230	8 m and less	Within 15

<Table 10>

Outdoor unit	permitted pipe length	At time of shipping(kg)	A+B+C+D					The additional charge amount is obtained by the following formula.
			Amount of additional refrigerant charge (kg)					
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	
ZRP200	100m or less	7.1	No additional charge necessary	0.9 kg	1.8 kg	2.7 kg	3.6 kg	
ZRP250		7.7	No additional charge necessary	1.2 kg	2.4 kg	3.6 kg	4.8 kg	

Outdoor unit	permitted pipe length	At time of shipping(kg)	liquid pipe size	A+B+C						
				Amount of additional refrigerant charge (kg)						
				20 m and less	21-30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	71-80 m and less
SHW230	80m or less	7.1	φ 12.7	No additional charge necessary	1.4 kg	2.8 kg	4.2 kg	5.6 kg	7.0 kg	8.4 kg
			φ 9.52	No additional charge necessary		0.8 kg	1.7 kg	2.6 kg	3.5 kg	4.4 kg

When length exceeds 70 m

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.

Note: If the calculation produces a negative number (i.e. a "minus" charge), or if calculation results in an amount that is less than the

"Additional charge amount for 70 m," perform the additional charge using the amount shown in "Additional charge amount for 70 m."

Amount of additional charge	=	Main piping: Liquid line size φ12.7 overall length 0.11	+	Main piping: Liquid line size φ9.52 overall length 0.09 (Gas line: φ28.58)	+	Branch piping: Liquid line size φ9.52 overall length 0.06 (Gas line: φ15.88)	+	Branch piping: Liquid line size φ6.35 overall length 0.02 (Gas line: φ15.88)	-	3.6 (kg)
-----------------------------	---	---	---	--	---	--	---	--	---	----------

Additional charge amount for 70 m	ZRP200	3.6 kg
	ZRP250	4.8 kg

MULTI SYSTEM

REFRIGERANT PIPING

1. Perform refrigerant piping connections for the indoor / outdoor unit while the outdoor unit's stop valve is completely closed (Initial setting), and then vacuumize the refrigerant lines through the service port of the outdoor unit.
2. Open the stop valves of the outdoor unit completely.
This will completely connects the refrigerant circuits of the indoor and outdoor units.
Stop valve opening method is shown on the outdoor unit's installation manual.

Note :

- Apply refrigerating machine oil over the flare seat surface. Do not apply to the threaded portion. (It will cause the flare nut to loosen.)
- Use 2 wrenches to tighten piping connection.
- Use leak detector or soapy water to check for gas leaks after connections are completed.
- For the insulation of the connection at the indoor side, make sure to use the attached insulation materials and thoroughly follow the instruction shown in the manual.
- Always use a non-oxidizing brazing material when brazing the pipes.

Adjusting the amount of refrigerant

Check additional refrigerant charging amount referring to the procedure ② below when the liquid pipe diameter of the main piping A is larger than the standard size.

- ① When the standard diameter pipe is used for the main piping A, calculate the additional refrigerant amount by referring to <Table 2> as well as the 1:1 system.
- ② When the liquid pipe diameter of the main piping A is one size larger than the standard size:
 - When the extension pipe length (main piping + branch piping) does not exceed 20m, adjustment of the refrigerant is not necessary (charge-less).
 - When the extension pipe length (main piping + branch piping) exceeds 20m, charge the amount of refrigerant that is obtained by the formula shown in <Table 7>.

If the calculation produces a negative number (i.e. a "minus" charge), additional charging is not necessary.

Note: Apply 0 to L₁, L₂, L₃ and L₄ which correspond to the liquid pipe size that are not used.

Correcting the capacity value

When calculating the lowered capacity by the extension pipe length, use the longest length between the indoor and the outdoor units.

**■ PUAZ-P100VKA
PUAZ-P100YKA**

**PUAZ-P125VKA
PUAZ-P125YKA**

**PUAZ-P140VKA
PUAZ-P140YKA**

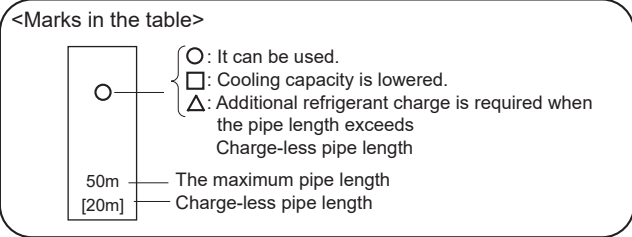
**PUAZ-P200YKA3
PUAZ-P250YKA3**

1. PIPE LENGTH

1-1. 1:1 SYSTEM and 1:2(1 indoor / 2 outdoor) SYSTEM

<Table 1-1> Maximum pipe length (P100,P125,P140)

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
P100		Standard size 50m [30m]	○ 50m [30m]	△ 25m [10m]	△ 25m [10m]	
P125,P140		Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]	△ 30m [10m]	



<Table 1-2> Maximum pipe length (P200, P250)

Liquid pipe (mm)	OD	ø9.52			ø12.7			ø15.88			
	Thickness	t0.8			t0.8			t1.0			
Gas pipe (mm)	OD	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75
	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
P200		□ 50m [30m]	Standard size 70m [30m]	○ 70m [30m]	□△ 50m [20m]	○ 50m [20m]	○ 50m [20m]	□△ 40m [20m]	△ 40m [20m]	△ 40m [20m]	△ 40m [20m]
P250		□ 50m [30m]	○ 70m [30m]	○ 70m [30m]	□ 50m [30m]	Standard size 70m [30m]	○ 70m [30m]	□△ 45m [20m]	△ 45m [20m]	△ 45m [20m]	△ 45m [20m]

Note : Be sure to use hard (tempered) one for pipe over ø22.2.(Do not use soft (annealed) one.)

1-2. TWIN TRIPLE AND QUADRUPLE SYSTEM

(1) TWIN SYSTEM

<Table 2-1> Maximum pipe length(P100,P125,P140)

Main pipe (mm) [A]	Liquid pipe	P100(50×2)			P125(60×2)-P140(71×2)			
		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7	
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]	△ 25m [10m]			
		ø12.7						
Branch pipe (mm) [B, C]	Gas pipe	ø15.88	○ 50m [20m]	○ 50m [20m]	△ 25m [10m]	Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]
		ø15.88						

<Table 2-2> Maximum pipe length(P200, P250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	P200(100x2)						P250(125x2)											
			ø9.52 t0.8			ø12.7 t0.8			ø15.88 t1.0			ø9.52 t0.8			ø12.7 t0.8			ø15.88 t1.0		
Branch pipe (mm) [B, C]	Liquid pipe	ø9.52	□	Standard size 70m [30m]	○	□△	△	△	□△	△	△	□	○	○	□	Standard size 70m [30m]	○	□△	△	△
			Gas pipe	ø15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	45m [20m]	45m [20m]

(2) TRIPLE SYSTEM

<Table 3-1> Maximum pipe length(P140)

Main pipe (mm) [A]	Liquid pipe	P140(50×3)			
		ø9.52	ø9.52	ø12.7	
Branch pipe (mm) [B, C, D]	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]
		ø12.7			
Branch pipe (mm) [B, C, D]	Gas pipe	ø15.88	○ 50m [30m]	○ 50m [30m]	△ 30m [10m]
		ø15.88			

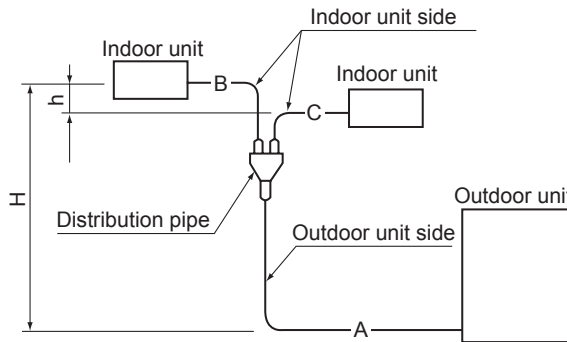
<Table 3-2> Maximum pipe length(P200, P250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	P200(60x3)						P250(71x3)											
			ø9.52 t0.8			ø12.7 t0.8			ø15.88 t1.0			ø9.52 t0.8			ø12.7 t0.8			ø15.88 t1.0		
Branch pipe (mm) [B, C]	Liquid pipe	ø9.52	□	Standard size 70m [30m]	○	□△	△	△	□△	△	△	□	○	○	□	Standard size 70m [30m]	○	□△	△	△
			Gas pipe	ø15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	45m [20m]	45m [20m]

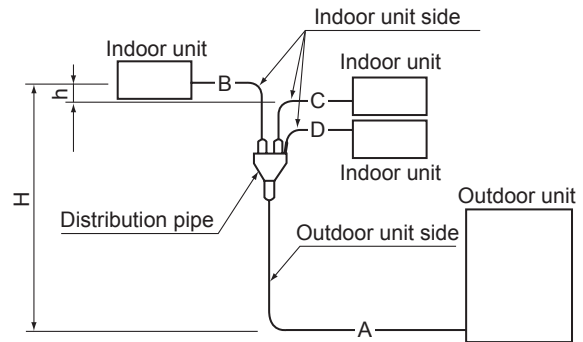
(3) QUADRUPLE SYSTEM

<Table 4> Maximum pipe length(P200,P250)

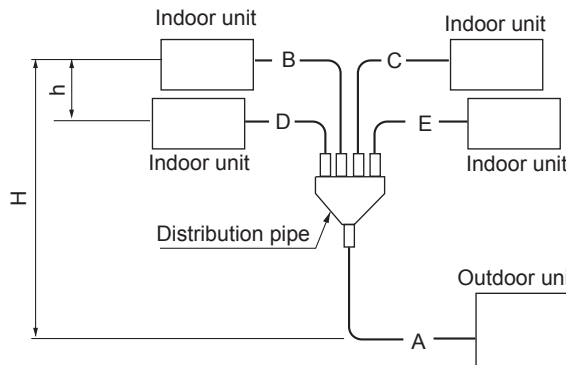
Main pipe (mm) [A]	Liquid pipe	O.D.	P200(50x4)										P250(60x4)								
			φ9.52			φ12.7			φ15.88				φ9.52			φ12.7			φ15.88		
			Thickness	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1	t0.8	t0.8	t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	φ6.35	□	○	○	□△	△	△	□△	△	△	△	△	△	△	△	△	△	△	△	△
	Gas pipe	φ12.7	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]
	Liquid pipe	φ9.52	□	○	○	□△	△	△	□△	△	△	△	△	△	△	△	△	△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]



<TWIN SYSTEM>
Total length A + B + C
P100,125,140: 50 m
P200, 250: 70 m



<TRIPLE SYSTEM>
Total length A + B + C + D
P140: 50 m
P200, 250: 70 m



<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
P200, 250 : 70 m

(4) Pipe size and refrigerant pipe limits

	Outdoor unit	Pipe size (mm)<inch>				Actual piping length <m>			Height deffence <m>		(Note 1) No. of bend
		Gas side		Liquid side		Total length A+B+C+D+E	Indoor ~ Indoor	Branch pipe B, C, D	Indoor ~ Outdoor	Indoor ~ Indoor	
		Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side						
TWIN	100,125,140	φ15.88	50	φ9.52<3/8>	50	50m	B-C 8m	20m	H30m	h 1m	15
TRIPLE	140	<5/8>	φ12.7<1/2> 60,71 φ15.88<5/8>		φ6.35<1/4> 60,71 φ9.52<3/8>		B-C C-D B-D 8m				
TWIN	200, 250	φ25.4 <1>	60,71 100, 125 φ15.88<5/8>	φ9.52<3/8> (P200) φ12.7<1/2> (P250)	60,71 100, 125 φ9.52<3/8>	70m	B-C 8m	30m			
TRIPLE							B-C C-D B-D 8m				
QUADRUPLE			50 φ12.7<1/2> 60 φ15.88<5/8>		50 φ6.35<1/4> 60 φ9.52<3/8>			B-C B-D B-E C-D C-D C-E 8m			

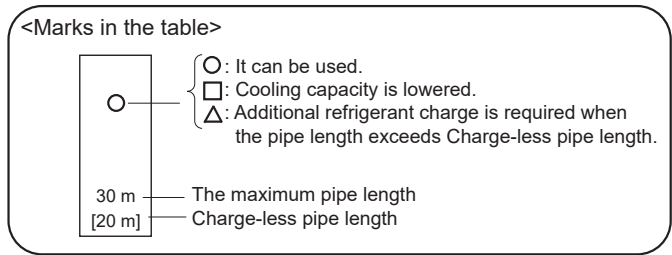
Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.
2. PUHZ-P100: 20 m chargeless PUHZ-P125-250: 30 m chargeless

■PUHZ-SP100YKA
PUHZ-SP125VKA
PUHZ-SP125YKA
PUHZ-SP140VKA
PUHZ-SP140YKA

1. PIPE LENGTH
1:1 SYSTEM

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
SP100		Standard size 30 m [30 m]	○ 30 m [30 m]	△ 25 m [10 m]	△ 25 m [10 m]	
SP125, 140		Standard size 40 m [30 m]	○ 40 m [30 m]	△ 30 m [10 m]	△ 30 m [10 m]	



2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 2, 3 when liquid pipe is one size larger than standard diameter.

<Table 2> Required additional charge when the liquid pipe is one size larger than the standard diameter (1:1 SYSTEM)

	Liquid pipe dia.	Chargeless	Max. pipe length	Refrigerant amount to be added
SP100	ø12.7	10 m	25 m	100 g per 1 m longer than 10 m
SP125,SP140	ø12.7	10 m	30 m	100 g per 1 m longer than 10 m

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

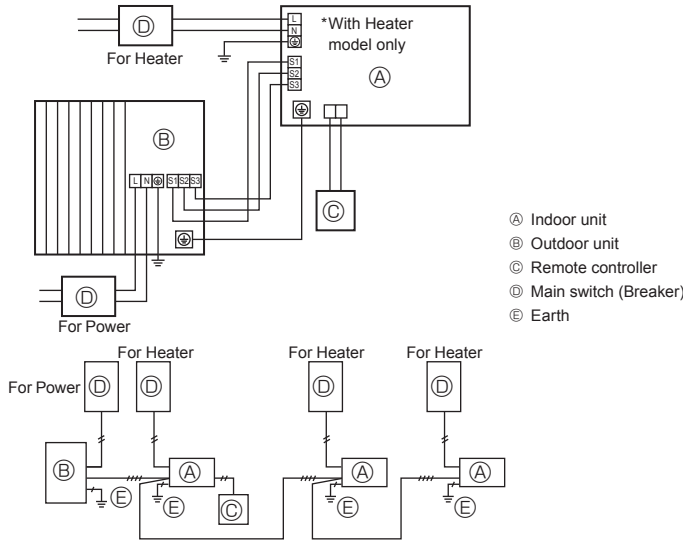
<Table 3> Additional refrigerant charging amount for pipe of standard diameter

Outdoor unit	Max. pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)	
			21– 30 m	31– 40 m
PUHZ-SP100YKA	30 m	3.3 kg		
PUHZ-SP125VKA PUHZ-SP125YKA	40 m	3.8 kg		0.6kg
PUHZ-SP140VKA PUHZ-SP140YKA	40 m	3.8 kg		0.6kg

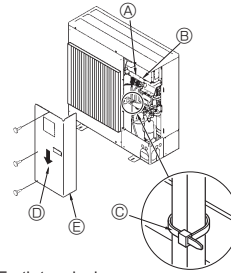
MULTI SYSTEM REFRIGERANT PIPING

A.9.4 ELECTRICAL WORK

- | | | | | |
|-------------------|---------------|-----------------|--------------|---------------|
| 1. PUHZ-SHW112VHA | PUZ-ZM71VHA2 | PUHZ-ZRP71VHA2 | PUHZ-P100VKA | PUHZ-SP100VKA |
| PUHZ-SHW112YHA | PUZ-ZM100VKA2 | PUHZ-ZRP100VKA3 | PUHZ-P100YKA | PUHZ-SP100YKA |
| PUHZ-SHW140YHA | PUZ-ZM100YKA2 | PUHZ-ZRP100YKA3 | PUHZ-P125VKA | PUHZ-SP125VKA |
| | PUZ-ZM125VKA2 | PUHZ-ZRP125VKA3 | PUHZ-P125YKA | PUHZ-SP125YKA |
| | PUZ-ZM125YKA2 | PUHZ-ZRP125YKA3 | PUHZ-P140VKA | PUHZ-SP140VKA |
| | PUZ-ZM140VKA2 | PUHZ-ZRP140VKA3 | PUHZ-P140YKA | PUHZ-SP140YKA |
| | PUZ-ZM140YKA2 | PUHZ-ZRP140YKA3 | | |

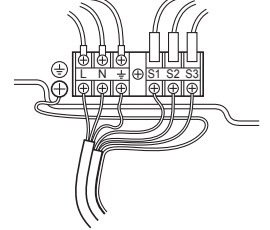


- Ⓐ Indoor unit
- Ⓑ Outdoor unit
- Ⓒ Remote controller
- Ⓓ Main switch (Breaker)
- Ⓔ Earth

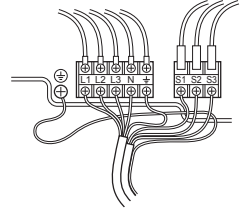


- Ⓐ Earth terminal
- Ⓑ Terminal block
- Ⓒ Clamp
- Ⓓ Service panel
- Ⓔ Wire the cables so that they do not contact the center of the service panel or the gas valve.

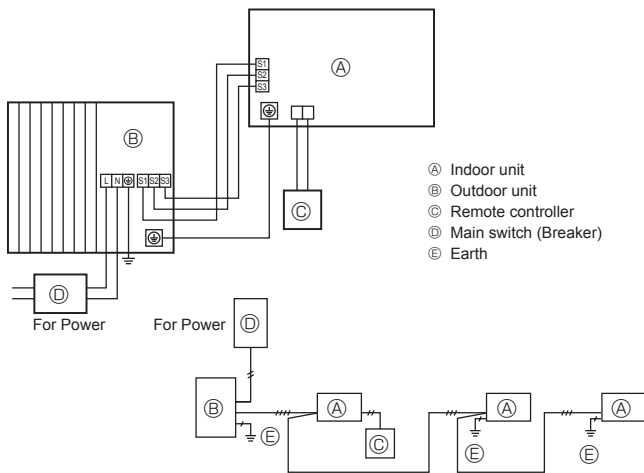
■ M71,100,125,140V



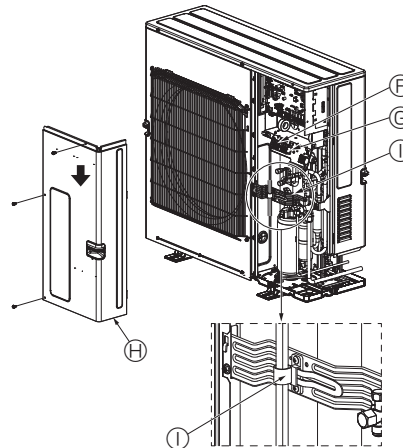
■ M100,125,140Y



- | | | |
|-----------------|--------------|--------------|
| 2. PUZ-M100VKA2 | PUZ-M125VKA2 | PUZ-M140VKA2 |
| PUZ-M100YKA2 | PUZ-M125YKA2 | PUZ-M140YKA2 |

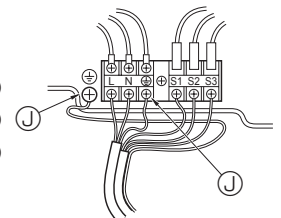


- Ⓐ Indoor unit
- Ⓑ Outdoor unit
- Ⓒ Remote controller
- Ⓓ Main switch (Breaker)
- Ⓔ Earth

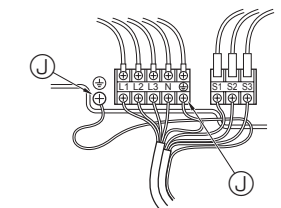


- Ⓕ Terminal block
- Ⓖ Indoor/Outdoor connection terminal block (S1, S2, S3)
- Ⓗ Service panel
- Ⓘ Clamp
- * Clamp the cables so that they do not contact the center of the service panel or the gas valve.
- Ⓙ Earth terminal

■ M100,125,140V



■ M100,125,140Y



Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

⚠ Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

MULTI SYSTEM ELECTRICAL WORK

**3. PUZ-ZM200YKA2
PUZ-M200YKA2**

**PUZ-ZM250YKA2
PUZ-M250YKA2**

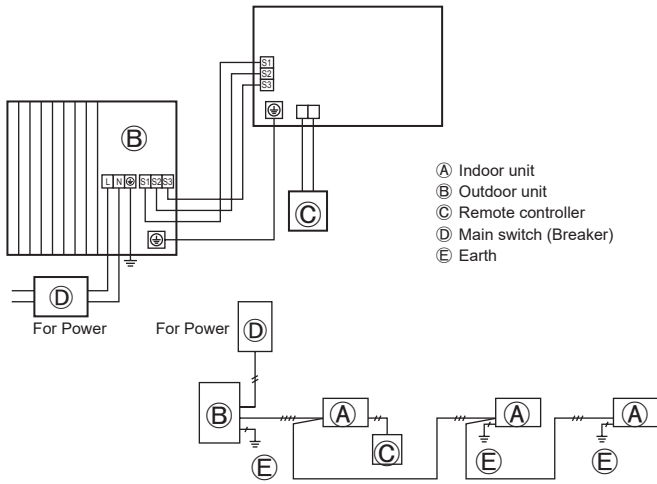


Fig. 6-1

■ ZM200, 250
M200, 250

■ ZM200, 250Y
M200, 250Y

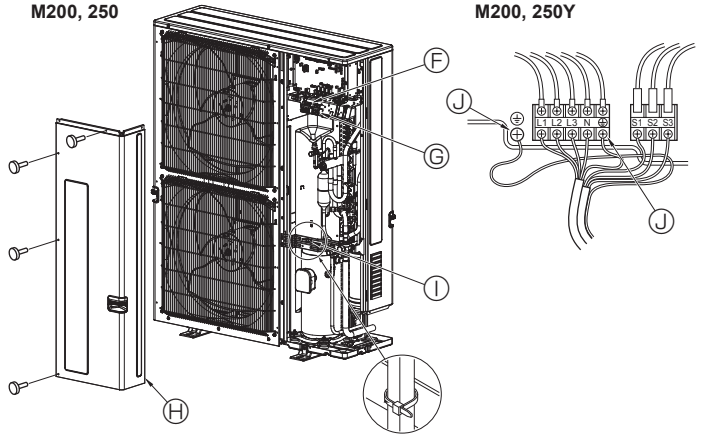


Fig. 6-2

- (F) Terminal block
- (G) Indoor/Outdoor connection terminal block (S1, S2, S3)
- (H) Service panel
- (I) Clamp
- (J) Earth terminal

* Clamp the cables so that they do not contact the center of the service panel or the gas valve.

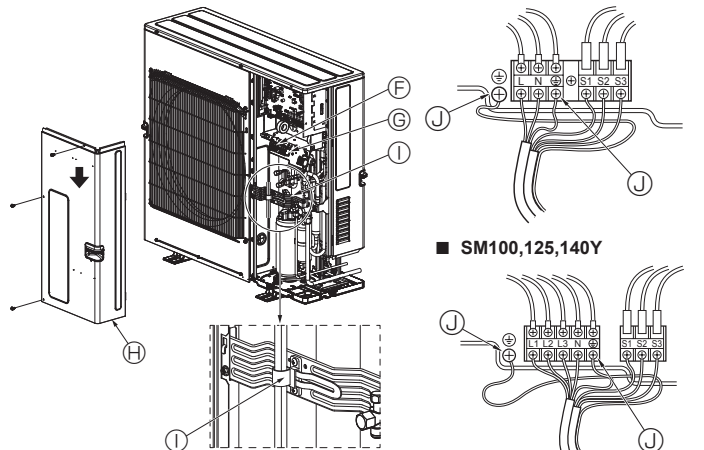
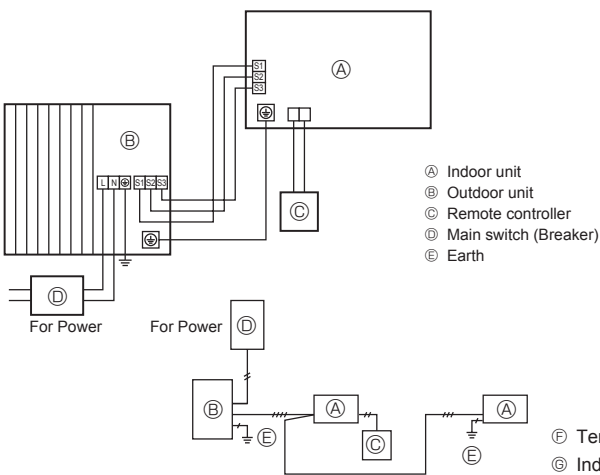
Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

⚠ Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

**4. PUZ-SM100VKA2
PUZ-SM100YKA2**

**PUZ-SM125VKA2
PUZ-SM125YKA2**

**PUZ-SM140VKA2
PUZ-SM140YKA2**



- (F) Terminal block
- (G) Indoor/Outdoor connection terminal block (S1, S2, S3)
- (H) Service panel
- (I) Clamp
- * Clamp the cables so that they do not contact the center of the service panel or the gas valve.
- (J) Earth terminal

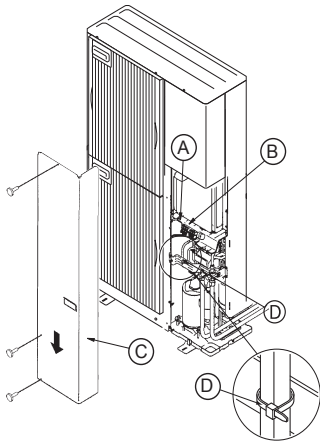
Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

⚠ Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

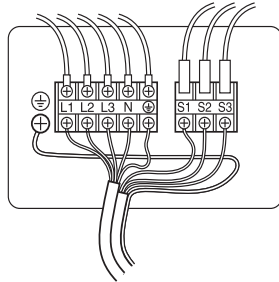
5. PUAZ-ZRP200YKA3
PUAZ-ZRP250YKA3

PUAZ-P200YKA3
PUAZ-P250YKA3

PUAZ-SHW230YKA2

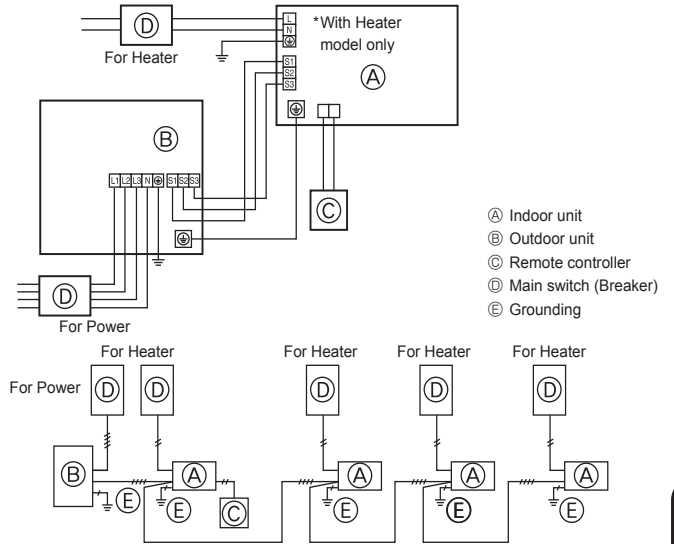


Note: If the protective sheet for the electrical box is removed during servicing, be sure to re-install it.



- (A) Power supply terminal block (L1, L2, L3, N, PE)
- (B) Indoor/outdoor connection terminal block (S1, S2, S3)
- (C) Service panel
- (D) Clamp
- * Clamp the cables so that they do not contact the center of the service panel or the gas valve.

* Except PEA-RP200, 250WKA



MULTI SYSTEM

S series Model List

Combination Table.....B-2

B.1 600 × 600 CEILING CASSETTE (SLZ).....B-3

- SLZ-M15FA2
- SLZ-M25FA2
- SLZ-M35FA2
- SLZ-M50FA2
- SLZ-M60FA2

B.2 CEILING CONCEALED (SEZ).....B-39

- SEZ-M25DA2
- SEZ-M25DAL2
- SEZ-M35DA2
- SEZ-M35DAL2
- SEZ-M50DA2
- SEZ-M50DAL2
- SEZ-M60DA2
- SEZ-M60DAL2
- SEZ-M71DA2
- SEZ-M71DAL2

B.3 FLOOR STANDING CONCEALED (SFZ)B-83

- SFZ-M25VA
- SFZ-M35VA
- SFZ-M50VA
- SFZ-M60VA
- SFZ-M71VA

B.4 OUTDOOR UNIT (SUZ).....B-117

- SUZ-M25VA
- SUZ-M35VA
- SUZ-M50VA
- SUZ-M60VA
- SUZ-M71VA
- SUZ-KA25VA6
- SUZ-KA35VA6
- SUZ-KA50VA6
- SUZ-KA60VA6
- SUZ-KA71VA6

600×600
CEILING
CASSETTE

CEILING
CONCEALED

FLOOR
STANDING

OUTDOOR
UNIT

S series model
Combination Table

Models		Inverter Model										
Type		Heat pump										
Refrigerant		R32					R410A					
Type	Outdoor unit	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	
	Indoor unit											
600×600 Ceiling cassette SLZ-M series	Heat pump	SLZ-M15FA2	for Multi connection only					for Multi connection only				
		SLZ-M25FA2	●					●				
		SLZ-M35FA2		●					●			
		SLZ-M50FA2			●					●		
		SLZ-M60FA2				●					●	
Ceiling concealed SEZ-M series	Heat pump	SEZ-M25DA2	●					●				
		SEZ-M25DAL2	●					●				
		SEZ-M35DA2		●					●			
		SEZ-M35DAL2		●					●			
		SEZ-M50DA2			●					●		
		SEZ-M50DAL2			●					●		
		SEZ-M60DA2				●					●	
		SEZ-M60DAL2				●					●	
		SEZ-M71DA2					●					●
SEZ-M71DAL2					●					●		
Floor standing concealed SFZ-M series	Heat pump	SFZ-M25VA	●									
		SFZ-M35VA		●								
		SFZ-M50VA			●							
		SFZ-M60VA				●						
		SFZ-M71VA					●					

B.1 600×600 CEILING CASSETTE (SLZ)

B.1.1	SPECIFICATIONS	B-4
	B.1.1.1 R32 type	B-4
	B.1.1.2 R410A type	B-5
B.1.2	OUTLINES AND DIMENSIONS.....	B-6
	B.1.2.1 INDOOR UNIT	B-6
	B.1.2.2 WIRED REMOTE CONTROLLER.....	B-7
	B.1.2.3 WIRELESS REMOTE CONTROLLER.....	B-8
B.1.3	WIRING DIAGRAM.....	B-10
B.1.4	REFRIGERANT SYSTEM DIAGRAM	B-11
B.1.5	PERFORMANCE DATA.....	B-12
	B.1.5.1 R32 type	B-12
	B.1.5.2 R410A type	B-21
B.1.6	4-WAY AIR FLOW SYSTEM.....	B-30
B.1.7	NOISE CRITERIA CURVES	B-32
B.1.8	OUTLET AIR SPEED AND COVERAGE RANGE	B-33
B.1.9	CENTER OF GRAVITY POSITION	B-33
B.1.10	REMOTE CONTROLLER.....	B-34
	B.1.10.1 WIRELESS REMOTE CONTROLLER.....	B-34
B.1.11	TEMPERATURE AND AIRFLOW DISTRIBUTIONS.....	B-36

B.1.1 SPECIFICATIONS

B.1.1.1 R32 type

Model Name		Indoor Unit	SLZ-M15FA2	SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2		
		Outdoor Unit	for Multi connection	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA		
Refrigerant		R32							
Power Supply		Source	Outdoor power supply						
Out	V	—	230	230	230	230			
		Phase	—	Single	Single	Single	Single		
		Hz	—	50	50	50	50		
	In	V	—	—	—	—	—		
		Phase	—	—	—	—	—		
		Hz	—	—	—	—	—		
Cooling	Capacity	Rated	kW	—	2.5	3.5	4.6	5.7	
		Min.	kW	—	1.4	0.7	1.0	1.5	
		Max.	kW	—	3.2	3.9	5.2	6.3	
	SHF	Rated	—	0.78	0.72	0.68	0.68		
	Total Input	Rated	kW	—	0.657	1.093	1.352	1.676	
	EER	—	3.80	3.20	3.40	3.40			
	Annual Electricity Consumption	kWh/a	—	139	183	253	321		
	SEER	—	6.3	6.7	6.3	6.2			
	Energy efficiency class	—	A++	A++	A++	A++			
	Heating	Capacity	Rated	kW	—	3.2	4.0	5.0	6.4
Min.			kW	—	1.3	1.0	1.3	1.6	
Max.			kW	—	4.2	5.0	5.5	7.3	
Total Input		Rated	kW	—	0.886	1.078	1.562	2.133	
COP		—	3.61	3.71	3.20	3.00			
Annual Electricity Consumption		kWh/a	—	716	845	1192	1560		
SCOP		—	4.3	4.3	4.2	4.1			
Energy efficiency class		—	A+	A+	A+	A+			
Operating Current(max)		A	—	7.0	8.7	13.8	15.2		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.02 / 0.02	0.02 / 0.02	0.02 / 0.02	0.03 / 0.03
	Operating Current(max)	A	0.17	0.20	0.24	0.32	0.43		
	Dimensions <Panel>	H × W × D	mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	
	Weight<Panel>	kg	15 <3>	15 <3>	15 <3>	15 <3>	15 <3>		
	Air Volume	Lo-Mid-Hi	m ³ /min.	6.0-6.5-7.0	6.5-7.5-8.5	6.5-8.0-9.5	7.0-9.0-11.5	7.5-11.5-13.0	
	External Static Pressure	Pa	24-26-28	0	0	0	0		
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	—	25-28-31	25-30-34	27-34-39	32-40-43	
	Sound Level (PWL)	Cooling	—	48	51	56	60		
Outdoor Unit	Dimensions	H × W × D	mm	—	550-800-285	550-800-285	714-800-285	880-840-330	
	Weight	kg	—	30	35	41	54		
	Air Volume	Cooling	Rated	m ³ /min.	—	36.3	34.3	45.8	50.1
		Heating	Rated	m ³ /min.	—	34.6	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	—	45	48	48	49
			Silent	dB(A)	—	—	—	—	
		Heating	Rated	dB(A)	—	46	48	49	51
	Sound Level (PWL)	Cooling	dB(A)	—	59	59	64	65	
	Operating Current(max)	A	—	6.8	8.5	13.5	14.8		
	Breaker Size	A	—	10	10	20	20		
Ext. Piping	Diameter (*2)	Liquid	mm	—	6.35	6.35	6.35	6.35	
		Gas	mm	—	9.52	9.52	12.7	15.88	
	Max.Length	Out-In	m	—	20	20	30	30	
		Out-In	m	—	12	12	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	—	-10	-10	-15	-15
			Upper Limit.	°C	—	+46	+46	+46	+46
		Heating	Lower Limit.	°C	—	-10	-10	-10	-10
			Upper Limit.	°C	—	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

B.1.1.2 R410A type

Model Name	Indoor Unit			SLZ-M15FA2	SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2	
	Outdoor Unit			for Multi connection	SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	
Refrigerant				R410A					
Power Supply				Source	Outdoor power supply				
	Out	V		230	230	230	230	230	
		Phase		Single	Single	Single	Single	Single	
		Hz		50	50	50	50	50	
	In	V		—	—	—	—	—	
		Phase		—	—	—	—	—	
		Hz		—	—	—	—	—	
Cooling	Capacity	Rated	kW	—	2.6	3.5	4.6	5.6	
		Min.	kW	—	1.5	1.4	2.3	2.3	
		Max.	kW	—	3.2	3.9	5.2	6.5	
	SHF	Rated		—	0.78	0.72	0.68	0.68	
	Total Input	Rated	kW	—	0.684	0.972	1.394	1.767	
	EER				—	3.80	3.60	3.30	3.17
	Annual Electricity Consumption			kWh/a	—	144	188	256	316
	SEER				—	6.3	6.5	6.3	6.2
	Energy efficiency class				—	A++	A++	A++	A++
	Heating	Capacity	Rated	kW	—	3.2	4.0	5.0	6.4
Min.			kW	—	1.3	1.7	1.7	2.5	
Max.			kW	—	4.2	5.0	6.0	7.4	
Total Input		Rated	kW	—	0.886	1.108	1.558	2.278	
COP				—	3.61	3.61	3.21	2.81	
Annual Electricity Consumption			kWh/a	—	716	846	1166	1573	
SCOP				—	4.3	4.3	4.3	4.0	
Energy efficiency class				—	A+	A+	A+	A+	
Operating Current(max)				A	—	7.2	8.4	12.3	14.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.02 / 0.02	0.02 / 0.02	0.02 / 0.02	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.17	0.20	0.24	0.32	0.43
	Dimensions <Panel>	H × W × D		mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>
	Weight<Panel>			kg	15<3>	15<3>	15<3>	15<3>	15<3>
	Air Volume	Lo-Mid-Hi		m ³ /min.	6.0-6.5-7.0	6.5-7.5-8.5	6.5-8.0-9.5	7.0-9.0-11.5	7.5-11.5-13.0
	External Static Pressure			Pa	0	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-26-28	25-28-31	25-30-34	27-34-39	32-40-43
	Sound Level (PWL)			Cooling		48	51	56	60
Outdoor Unit	Dimensions	H × W × D		mm	—	550-800-285	550-800-285	880-840-330	880-840-330
	Weight			kg	—	30	35	54	50
	Air Volume	Cooling	Rated	m ³ /min.	—	32.6	36.3	44.6	40.9
		Heating	Rated	m ³ /min.	—	34.7	34.8	44.6	49.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	—	47	49	52	55
			Silent	dB(A)	—	—	—	—	—
		Heating	Rated	dB(A)	—	48	50	52	55
	Sound Level (PWL)	Cooling		dB(A)	—	58	62	65	65
	Operating Current(max)			A	—	7	8.2	12	14
	Breaker Size			A	—	10	10	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	—	6.35	6.35	6.35	6.35	
		Gas	mm	—	9.52	9.52	12.7	15.88	
	Max.Length	Out-In		m	—	20	20	30	30
		Out-In		m	—	12	12	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	—	-10	-10	-15	-15
			Upper Limit.	°C	—	+46	+46	+46	+46
		Heating	Lower Limit.	°C	—	-10	-10	-10	-10
			Upper Limit.	°C	—	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

B.1.2.2 WIRED REMOTE CONTROLLER(Optional parts)

SLZ-M15FA2

SLZ-M25FA2

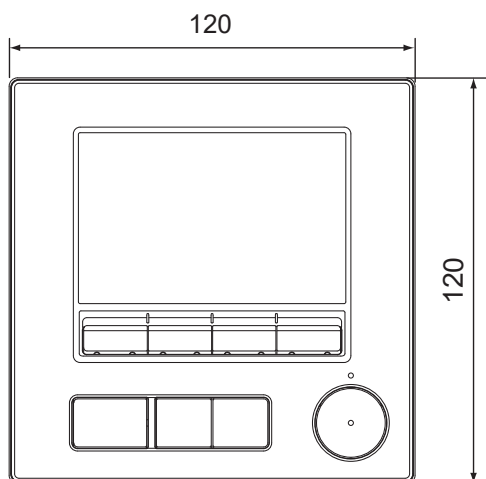
SLZ-M35FA2

SLZ-M50FA2

SLZ-M60FA2

[PAR-41MAA]

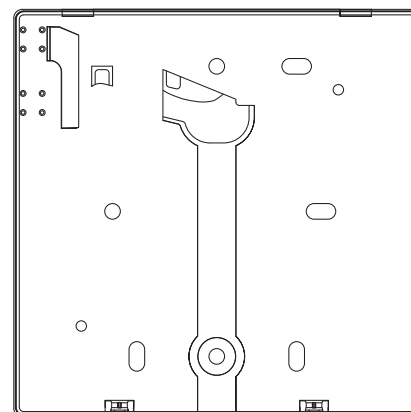
Unit : mm



(Front view)



(Side view)



(Rear view)

600×600
CEILING
CASSETTE

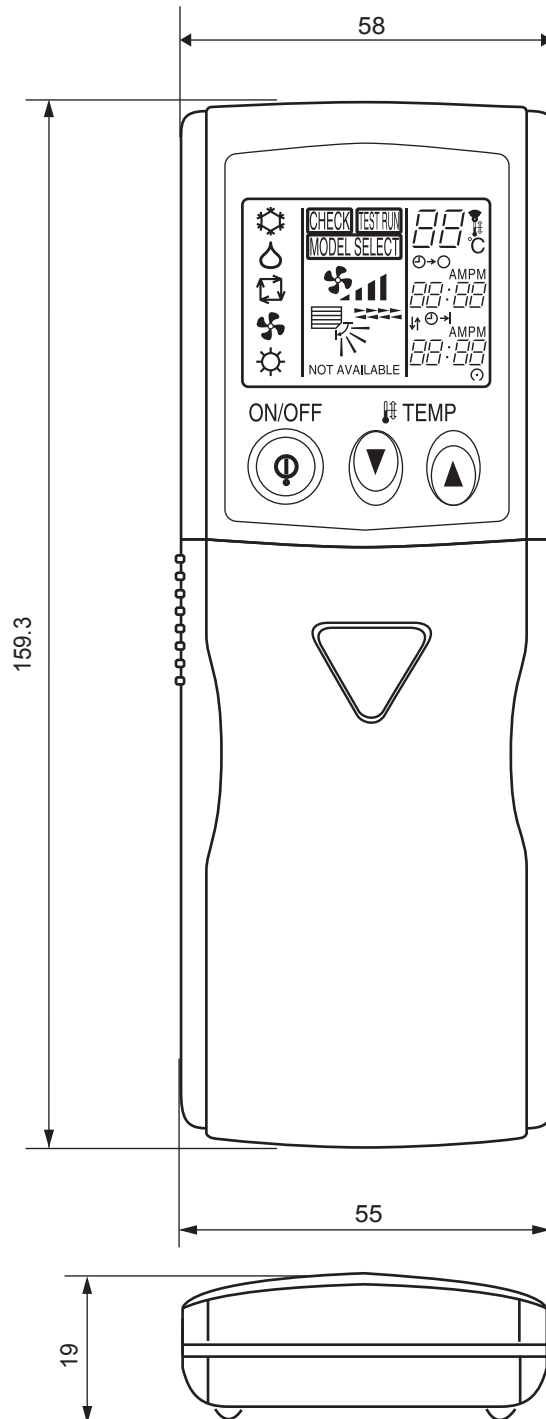
OUTLINES AND DIMENSIONS

B.1.2.3 WIRELESS REMOTE CONTROLLER(Optional parts)

- SLZ-M15FA2
- SLZ-M25FA2
- SLZ-M35FA2
- SLZ-M50FA2
- SLZ-M60FA2

Unit : mm

[PAR-SL97A-E]

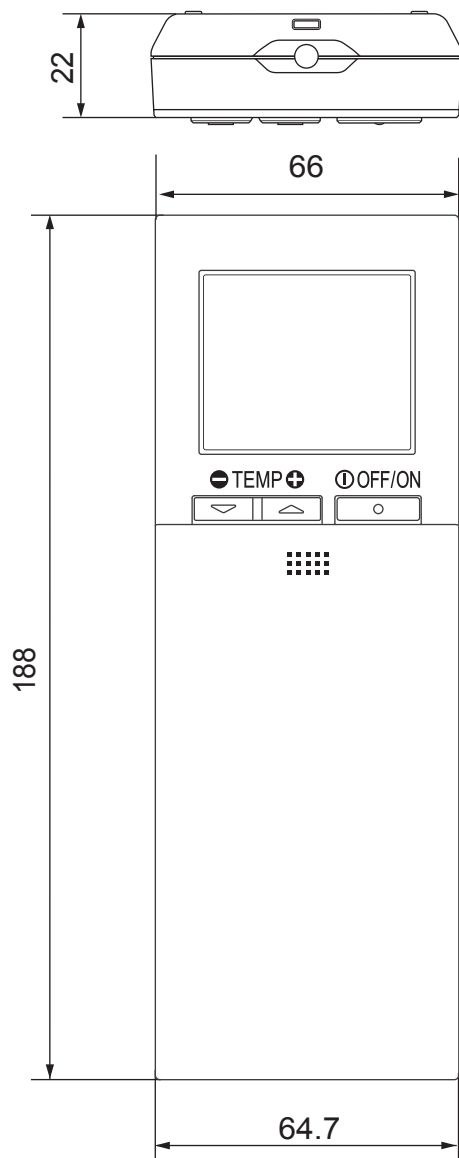


600x600
CEILING
CASSETTE
OUTLINES AND DIMENSIONS

SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2

Unit : mm

[PAR-SL101A-E]

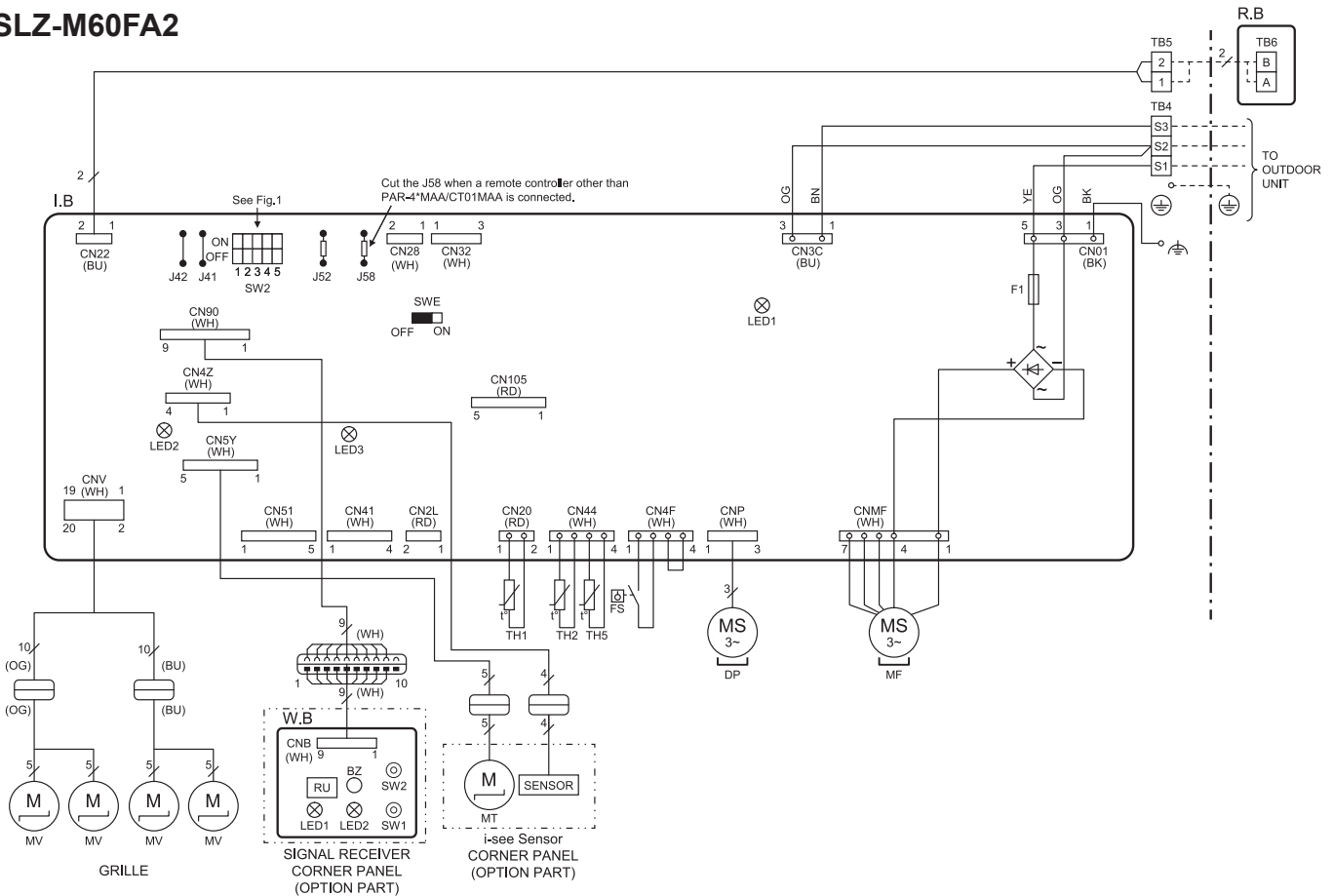


600×600
CEILING
CASSETTE

OUTLINES AND DIMENSIONS

B.1.3 WIRING DIAGRAM

- SLZ-M15FA2
- SLZ-M25FA2
- SLZ-M35FA2
- SLZ-M50FA2
- SLZ-M60FA2



600×600
CEILING
CASSETTE
WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD
CN2L	CONNECTOR (LOSSNAY)
CN32	CONNECTOR (REMOTE SWITCH)
CN41	CONNECTOR (HA TERMINAL-A)
CN51	CONNECTOR (CENTRALLY CONTROL)
CN105	CONNECTOR (IT)
F1	FUSE (T6.3AL250V)
J41	JUMPER WIRE (PAIR NUMBER SETTING WITH WIRELESS REMOTE CONTROLLER)
J42	JUMPER WIRE (PAIR NUMBER SETTING WITH WIRELESS REMOTE CONTROLLER)
LED1	POWER SUPPLY (I.B)
LED2	POWER SUPPLY (WIRED REMOTE CONTROLLER)
LED3	COMMUNICATION (INDOOR-OUTDOOR)
SW2	DIP SWITCH (CAPACITY CODE) Refer to <Fig.1>
SWE	JUMPER SWITCH (EMERGENCY OPERATION)
DP	DRAIN PUMP
FS	FLOAT SWITCH
MF	FAN MOTOR
MV	VANE MOTOR
TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
TH2	PIPE TEMP. THERMISTOR (LIQUID) (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
TH5	CONDENSER / EVAPORATOR TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
OPTION PART	
W.B	WIRELESS REMOTE CONTROLLER BOARD
BZ	BUZZER
LED1	OPERATION (GREEN)
LED2	DEFROST/STAND BY (ORANGE)
RU	RECEIVING UNIT
SW1	EMERGENCY OPERATION (HEAT)
SW2	EMERGENCY OPERATION (COOL)
MT	i-see Sensor MOTOR
R.B	WIRED REMOTE CONTROLLER

<Fig.1> SW2 (CAPACITY CODE)

MODELS	SW2	MODELS	SW2
M15	ON OFF	M50	ON OFF
M25	ON OFF	M60	ON OFF
M35	ON OFF		

The black square (■) indicates a switch position.

- NOTES:
- Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 - Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 - Symbols used in wiring diagram are:
 : Connector, : Terminal (block)
 - For details on how to operate self-diagnosis refer to the technical manuals etc.

B.1.4 REFRIGERANT SYSTEM DIAGRAM

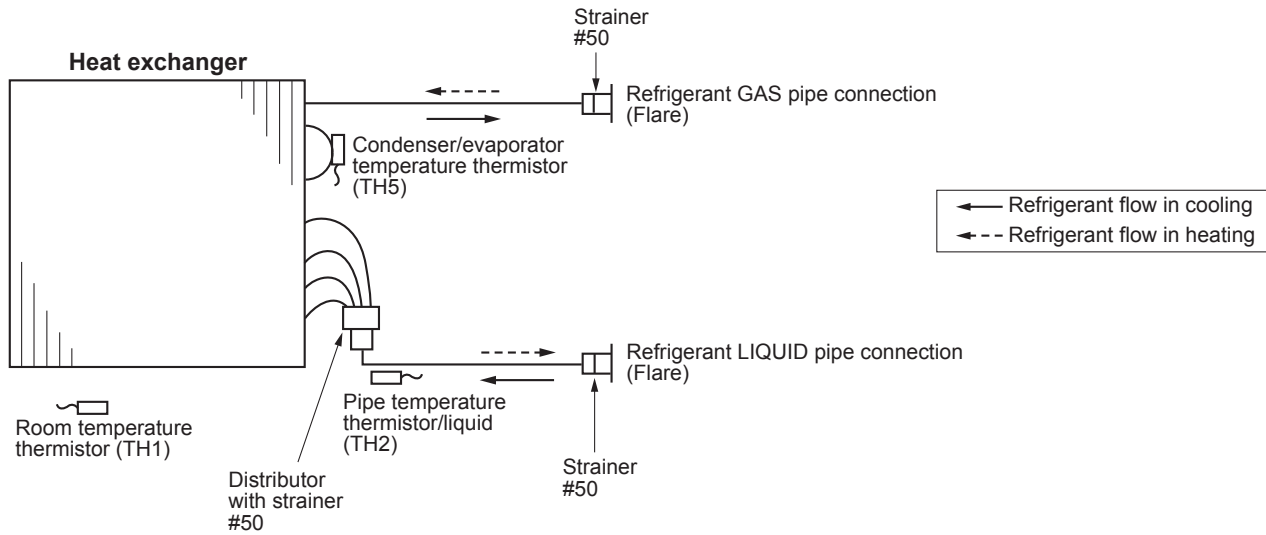
SLZ-M15FA2

SLZ-M25FA2

SLZ-M35FA2

SLZ-M50FA2

SLZ-M60FA2



B.1.5 PERFORMANCE DATA

B.1.5.1 R32 type

COOLING operation at Rated frequency

SLZ-M25FA2 / SUZ-M25VA

CAPACITY : 2.500kW INPUT :0.657kW SHF :0.78

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.763	0.60	0.526	2.813	1.688	0.60	0.552	2.700	1.620	0.60	0.578	2.600	1.560	0.60	0.604
21	20	3.063	1.470	0.48	0.552	2.938	1.410	0.48	0.585	2.850	1.368	0.48	0.598	2.750	1.320	0.48	0.624
22	18	2.938	1.880	0.64	0.526	2.813	1.800	0.64	0.552	2.700	1.728	0.64	0.578	2.600	1.664	0.64	0.604
22	20	3.063	1.593	0.52	0.552	2.938	1.528	0.52	0.585	2.850	1.482	0.52	0.598	2.750	1.430	0.52	0.624
22	22	3.188	1.275	0.40	0.572	3.075	1.230	0.40	0.608	3.000	1.200	0.40	0.624	2.875	1.150	0.40	0.650
23	18	2.938	1.998	0.68	0.526	2.813	1.913	0.68	0.552	2.700	1.836	0.68	0.578	2.600	1.768	0.68	0.604
23	20	3.063	1.715	0.56	0.552	2.938	1.645	0.56	0.585	2.850	1.596	0.56	0.598	2.750	1.540	0.56	0.624
23	22	3.188	1.403	0.44	0.572	3.075	1.353	0.44	0.608	3.000	1.320	0.44	0.624	2.875	1.265	0.44	0.650
24	18	2.938	2.115	0.72	0.526	2.813	2.025	0.72	0.552	2.700	1.944	0.72	0.578	2.600	1.872	0.72	0.604
24	20	3.063	1.838	0.60	0.552	2.938	1.763	0.60	0.585	2.850	1.710	0.60	0.598	2.750	1.650	0.60	0.624
24	22	3.188	1.530	0.48	0.572	3.075	1.476	0.48	0.608	3.000	1.440	0.48	0.624	2.875	1.380	0.48	0.650
24	24	3.350	1.206	0.36	0.598	3.225	1.161	0.36	0.631	3.150	1.134	0.36	0.650	3.050	1.098	0.36	0.683
25	20	3.063	1.960	0.64	0.552	2.938	1.880	0.64	0.585	2.850	1.824	0.64	0.598	2.750	1.760	0.64	0.624
25	22	3.188	1.658	0.52	0.572	3.075	1.599	0.52	0.608	3.000	1.560	0.52	0.624	2.875	1.495	0.52	0.650
25	24	3.350	1.340	0.40	0.598	3.225	1.290	0.40	0.631	3.150	1.260	0.40	0.650	3.050	1.220	0.40	0.683
26	18	2.938	2.350	0.80	0.526	2.813	2.250	0.80	0.552	2.700	2.160	0.80	0.578	2.600	2.080	0.80	0.604
26	20	3.063	2.083	0.68	0.552	2.938	1.998	0.68	0.585	2.850	1.938	0.68	0.598	2.750	1.870	0.68	0.624
26	22	3.188	1.785	0.56	0.572	3.075	1.722	0.56	0.608	3.000	1.680	0.56	0.624	2.875	1.610	0.56	0.650
26	24	3.350	1.474	0.44	0.598	3.225	1.419	0.44	0.631	3.150	1.386	0.44	0.650	3.050	1.342	0.44	0.683
26	26	3.450	1.104	0.32	0.631	3.350	1.072	0.32	0.664	3.300	1.056	0.32	0.683	3.200	1.024	0.32	0.703
27	18	2.938	2.468	0.84	0.526	2.813	2.363	0.84	0.552	2.700	2.268	0.84	0.578	2.600	2.184	0.84	0.604
27	20	3.063	2.205	0.72	0.552	2.938	2.115	0.72	0.585	2.850	2.052	0.72	0.598	2.750	1.980	0.72	0.624
27	22	3.188	1.913	0.60	0.572	3.075	1.845	0.60	0.608	3.000	1.800	0.60	0.624	2.875	1.725	0.60	0.650
27	24	3.350	1.608	0.48	0.598	3.225	1.548	0.48	0.631	3.150	1.512	0.48	0.650	3.050	1.464	0.48	0.683
27	26	3.450	1.242	0.36	0.631	3.350	1.206	0.36	0.664	3.300	1.188	0.36	0.683	3.200	1.152	0.36	0.703
28	18	2.938	2.585	0.88	0.526	2.813	2.475	0.88	0.552	2.700	2.376	0.88	0.578	2.600	2.288	0.88	0.604
28	20	3.063	2.328	0.76	0.552	2.938	2.233	0.76	0.585	2.850	2.166	0.76	0.598	2.750	2.090	0.76	0.624
28	22	3.188	2.040	0.64	0.572	3.075	1.968	0.64	0.608	3.000	1.920	0.64	0.624	2.875	1.840	0.64	0.650
28	24	3.350	1.742	0.52	0.598	3.225	1.677	0.52	0.631	3.150	1.638	0.52	0.650	3.050	1.586	0.52	0.683
28	26	3.450	1.380	0.40	0.631	3.350	1.340	0.40	0.664	3.300	1.320	0.40	0.683	3.200	1.280	0.40	0.703
29	18	2.938	2.703	0.92	0.526	2.813	2.588	0.92	0.552	2.700	2.484	0.92	0.578	2.600	2.392	0.92	0.604
29	20	3.063	2.450	0.80	0.552	2.938	2.350	0.80	0.585	2.850	2.280	0.80	0.598	2.750	2.200	0.80	0.624
29	22	3.188	2.168	0.68	0.572	3.075	2.091	0.68	0.608	3.000	2.040	0.68	0.624	2.875	1.955	0.68	0.650
29	24	3.350	1.876	0.56	0.598	3.225	1.806	0.56	0.631	3.150	1.764	0.56	0.650	3.050	1.708	0.56	0.683
29	26	3.450	1.518	0.44	0.631	3.350	1.474	0.44	0.664	3.300	1.452	0.44	0.683	3.200	1.408	0.44	0.703
30	18	2.938	2.820	0.96	0.526	2.813	2.700	0.96	0.552	2.700	2.592	0.96	0.578	2.600	2.496	0.96	0.604
30	20	3.063	2.573	0.84	0.552	2.938	2.468	0.84	0.585	2.850	2.394	0.84	0.598	2.750	2.310	0.84	0.624
30	22	3.188	2.295	0.72	0.572	3.075	2.214	0.72	0.608	3.000	2.160	0.72	0.624	2.875	2.070	0.72	0.650
30	24	3.350	2.010	0.60	0.598	3.225	1.935	0.60	0.631	3.150	1.890	0.60	0.650	3.050	1.830	0.60	0.683
30	26	3.450	1.656	0.48	0.631	3.350	1.608	0.48	0.664	3.300	1.584	0.48	0.683	3.200	1.536	0.48	0.703
31	18	2.938	2.938	1.00	0.526	2.813	2.813	1.00	0.552	2.700	2.700	1.00	0.578	2.600	2.600	1.00	0.604
31	20	3.063	2.695	0.88	0.552	2.938	2.585	0.88	0.585	2.850	2.508	0.88	0.598	2.750	2.420	0.88	0.624
31	22	3.188	2.423	0.76	0.572	3.075	2.337	0.76	0.608	3.000	2.280	0.76	0.624	2.875	2.185	0.76	0.650
31	24	3.350	2.144	0.64	0.598	3.225	2.064	0.64	0.631	3.150	2.016	0.64	0.650	3.050	1.952	0.64	0.683
31	26	3.450	1.794	0.52	0.631	3.350	1.742	0.52	0.664	3.300	1.716	0.52	0.683	3.200	1.664	0.52	0.703
32	18	2.938	2.938	1.00	0.526	2.813	2.813	1.00	0.552	2.700	2.700	1.00	0.578	2.600	2.600	1.00	0.604
32	20	3.063	2.818	0.92	0.552	2.938	2.703	0.92	0.585	2.850	2.622	0.92	0.598	2.750	2.530	0.92	0.624
32	22	3.188	2.550	0.80	0.572	3.075	2.460	0.80	0.608	3.000	2.400	0.80	0.624	2.875	2.300	0.80	0.650
32	24	3.350	2.278	0.68	0.598	3.225	2.193	0.68	0.631	3.150	2.142	0.68	0.650	3.050	2.074	0.68	0.683
32	26	3.450	1.932	0.56	0.631	3.350	1.876	0.56	0.664	3.300	1.848	0.56	0.683	3.200	1.792	0.56	0.703

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M25FA2 / SUZ-M25VA

CAPACITY : 2.500kW INPUT :0.657kW SHF :0.78

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.470	0.60	0.644	2.250	1.350	0.60	0.683	2.075	1.245	0.60	0.710
21	20	2.575	1.236	0.48	0.670	2.400	1.152	0.48	0.703	2.225	1.068	0.48	0.742
22	18	2.450	1.568	0.64	0.644	2.250	1.440	0.64	0.683	2.075	1.328	0.64	0.710
22	20	2.575	1.339	0.52	0.670	2.400	1.248	0.52	0.703	2.225	1.157	0.52	0.742
22	22	2.725	1.090	0.40	0.696	2.550	1.020	0.40	0.736	2.375	0.950	0.40	0.762
23	18	2.450	1.666	0.68	0.644	2.250	1.530	0.68	0.683	2.075	1.411	0.68	0.710
23	20	2.575	1.442	0.56	0.670	2.400	1.344	0.56	0.703	2.225	1.246	0.56	0.742
23	22	2.725	1.199	0.44	0.696	2.550	1.122	0.44	0.736	2.375	1.045	0.44	0.762
24	18	2.450	1.764	0.72	0.644	2.250	1.620	0.72	0.683	2.075	1.494	0.72	0.710
24	20	2.575	1.545	0.60	0.670	2.400	1.440	0.60	0.703	2.225	1.335	0.60	0.742
24	22	2.725	1.308	0.48	0.696	2.550	1.224	0.48	0.736	2.375	1.140	0.48	0.762
24	24	2.875	1.035	0.36	0.723	2.700	0.972	0.36	0.756	2.550	0.918	0.36	0.788
25	20	2.575	1.648	0.64	0.670	2.400	1.536	0.64	0.703	2.225	1.424	0.64	0.742
25	22	2.725	1.417	0.52	0.696	2.550	1.326	0.52	0.736	2.375	1.235	0.52	0.762
25	24	2.875	1.150	0.40	0.723	2.700	1.080	0.40	0.756	2.550	1.020	0.40	0.788
26	18	2.450	1.960	0.80	0.644	2.250	1.800	0.80	0.683	2.075	1.660	0.80	0.710
26	20	2.575	1.751	0.68	0.670	2.400	1.632	0.68	0.703	2.225	1.513	0.68	0.742
26	22	2.725	1.526	0.56	0.696	2.550	1.428	0.56	0.736	2.375	1.330	0.56	0.762
26	24	2.875	1.265	0.44	0.723	2.700	1.188	0.44	0.756	2.550	1.122	0.44	0.788
26	26	3.025	0.968	0.32	0.749	2.850	0.912	0.32	0.782	2.675	0.856	0.32	0.815
27	18	2.450	2.058	0.84	0.644	2.250	1.890	0.84	0.683	2.075	1.743	0.84	0.710
27	20	2.575	1.854	0.72	0.670	2.400	1.728	0.72	0.703	2.225	1.602	0.72	0.742
27	22	2.725	1.635	0.60	0.696	2.550	1.530	0.60	0.736	2.375	1.425	0.60	0.762
27	24	2.875	1.380	0.48	0.723	2.700	1.296	0.48	0.756	2.550	1.224	0.48	0.788
27	26	3.025	1.089	0.36	0.749	2.850	1.026	0.36	0.782	2.675	0.963	0.36	0.815
28	18	2.450	2.156	0.88	0.644	2.250	1.980	0.88	0.683	2.075	1.826	0.88	0.710
28	20	2.575	1.957	0.76	0.670	2.400	1.824	0.76	0.703	2.225	1.691	0.76	0.742
28	22	2.725	1.744	0.64	0.696	2.550	1.632	0.64	0.736	2.375	1.520	0.64	0.762
28	24	2.875	1.495	0.52	0.723	2.700	1.404	0.52	0.756	2.550	1.326	0.52	0.788
28	26	3.025	1.210	0.40	0.749	2.850	1.140	0.40	0.782	2.675	1.070	0.40	0.815
29	18	2.450	2.254	0.92	0.644	2.250	2.070	0.92	0.683	2.075	1.909	0.92	0.710
29	20	2.575	2.060	0.80	0.670	2.400	1.920	0.80	0.703	2.225	1.780	0.80	0.742
29	22	2.725	1.853	0.68	0.696	2.550	1.734	0.68	0.736	2.375	1.615	0.68	0.762
29	24	2.875	1.610	0.56	0.723	2.700	1.512	0.56	0.756	2.550	1.428	0.56	0.788
29	26	3.025	1.331	0.44	0.749	2.850	1.254	0.44	0.782	2.675	1.177	0.44	0.815
30	18	2.450	2.352	0.96	0.644	2.250	2.160	0.96	0.683	2.075	1.992	0.96	0.710
30	20	2.575	2.163	0.84	0.670	2.400	2.016	0.84	0.703	2.225	1.869	0.84	0.742
30	22	2.725	1.962	0.72	0.696	2.550	1.836	0.72	0.736	2.375	1.710	0.72	0.762
30	24	2.875	1.725	0.60	0.723	2.700	1.620	0.60	0.756	2.550	1.530	0.60	0.788
30	26	3.025	1.452	0.48	0.749	2.850	1.368	0.48	0.782	2.675	1.284	0.48	0.815
31	18	2.450	2.450	1.00	0.644	2.250	2.250	1.00	0.683	2.075	2.075	1.00	0.710
31	20	2.575	2.266	0.88	0.670	2.400	2.112	0.88	0.703	2.225	1.958	0.88	0.742
31	22	2.725	2.071	0.76	0.696	2.550	1.938	0.76	0.736	2.375	1.805	0.76	0.762
31	24	2.875	1.840	0.64	0.723	2.700	1.728	0.64	0.756	2.550	1.632	0.64	0.788
31	26	3.025	1.573	0.52	0.749	2.850	1.482	0.52	0.782	2.675	1.391	0.52	0.815
32	18	2.450	2.450	1.00	0.644	2.250	2.250	1.00	0.683	2.075	2.075	1.00	0.710
32	20	2.575	2.369	0.92	0.670	2.400	2.208	0.92	0.703	2.225	2.047	0.92	0.742
32	22	2.725	2.180	0.80	0.696	2.550	2.040	0.80	0.736	2.375	1.900	0.80	0.762
32	24	2.875	1.955	0.68	0.723	2.700	1.836	0.68	0.756	2.550	1.734	0.68	0.788
32	26	3.025	1.694	0.56	0.749	2.850	1.596	0.56	0.782	2.675	1.498	0.56	0.815

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SLZ-M35FA2 / SUZ-M35VA
 CAPACITY :3.500kW INPUT :1.093kW SHF : 0.72

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.221	0.54	0.874	3.938	2.127	0.54	0.918	3.780	2.041	0.54	0.962	3.640	1.966	0.54	1.006
21	20	4.288	1.801	0.42	0.918	4.113	1.727	0.42	0.973	3.990	1.676	0.42	0.995	3.850	1.617	0.42	1.038
22	18	4.113	2.386	0.58	0.874	3.938	2.284	0.58	0.918	3.780	2.192	0.58	0.962	3.640	2.111	0.58	1.006
22	20	4.288	1.972	0.46	0.918	4.113	1.892	0.46	0.973	3.990	1.835	0.46	0.995	3.850	1.771	0.46	1.038
22	22	4.463	1.517	0.34	0.951	4.305	1.464	0.34	1.011	4.200	1.428	0.34	1.038	4.025	1.369	0.34	1.082
23	18	4.113	2.550	0.62	0.874	3.938	2.442	0.62	0.918	3.780	2.344	0.62	0.962	3.640	2.257	0.62	1.006
23	20	4.288	2.144	0.50	0.918	4.113	2.057	0.50	0.973	3.990	1.995	0.50	0.995	3.850	1.925	0.50	1.038
23	22	4.463	1.696	0.38	0.951	4.305	1.636	0.38	1.011	4.200	1.596	0.38	1.038	4.025	1.530	0.38	1.082
24	18	4.113	2.715	0.66	0.874	3.938	2.599	0.66	0.918	3.780	2.495	0.66	0.962	3.640	2.402	0.66	1.006
24	20	4.288	2.316	0.54	0.918	4.113	2.221	0.54	0.973	3.990	2.155	0.54	0.995	3.850	2.079	0.54	1.038
24	22	4.463	1.874	0.42	0.951	4.305	1.808	0.42	1.011	4.200	1.764	0.42	1.038	4.025	1.691	0.42	1.082
24	24	4.690	1.407	0.30	0.995	4.515	1.355	0.30	1.049	4.410	1.323	0.30	1.082	4.270	1.281	0.30	1.137
25	20	4.288	2.487	0.58	0.918	4.113	2.386	0.58	0.973	3.990	2.314	0.58	0.995	3.850	2.233	0.58	1.038
25	22	4.463	2.053	0.46	0.951	4.305	1.980	0.46	1.011	4.200	1.932	0.46	1.038	4.025	1.852	0.46	1.082
25	24	4.690	1.595	0.34	0.995	4.515	1.535	0.34	1.049	4.410	1.499	0.34	1.082	4.270	1.452	0.34	1.137
26	18	4.113	3.044	0.74	0.874	3.938	2.914	0.74	0.918	3.780	2.797	0.74	0.962	3.640	2.694	0.74	1.006
26	20	4.288	2.659	0.62	0.918	4.113	2.550	0.62	0.973	3.990	2.474	0.62	0.995	3.850	2.387	0.62	1.038
26	22	4.463	2.232	0.50	0.951	4.305	2.153	0.50	1.011	4.200	2.100	0.50	1.038	4.025	2.013	0.50	1.082
26	24	4.690	1.782	0.38	0.995	4.515	1.716	0.38	1.049	4.410	1.676	0.38	1.082	4.270	1.623	0.38	1.137
26	26	4.830	1.256	0.26	1.049	4.690	1.219	0.26	1.104	4.620	1.201	0.26	1.137	4.480	1.165	0.26	1.170
27	18	4.113	3.208	0.78	0.874	3.938	3.072	0.78	0.918	3.780	2.948	0.78	0.962	3.640	2.839	0.78	1.006
27	20	4.288	2.830	0.66	0.918	4.113	2.715	0.66	0.973	3.990	2.633	0.66	0.995	3.850	2.541	0.66	1.038
27	22	4.463	2.410	0.54	0.951	4.305	2.325	0.54	1.011	4.200	2.268	0.54	1.038	4.025	2.174	0.54	1.082
27	24	4.690	1.970	0.42	0.995	4.515	1.896	0.42	1.049	4.410	1.852	0.42	1.082	4.270	1.793	0.42	1.137
27	26	4.830	1.449	0.30	1.049	4.690	1.407	0.30	1.104	4.620	1.386	0.30	1.137	4.480	1.344	0.30	1.170
28	18	4.113	3.373	0.82	0.874	3.938	3.229	0.82	0.918	3.780	3.100	0.82	0.962	3.640	2.985	0.82	1.006
28	20	4.288	3.002	0.70	0.918	4.113	2.879	0.70	0.973	3.990	2.793	0.70	0.995	3.850	2.695	0.70	1.038
28	22	4.463	2.589	0.58	0.951	4.305	2.497	0.58	1.011	4.200	2.436	0.58	1.038	4.025	2.335	0.58	1.082
28	24	4.690	2.157	0.46	0.995	4.515	2.077	0.46	1.049	4.410	2.029	0.46	1.082	4.270	1.964	0.46	1.137
28	26	4.830	1.642	0.34	1.049	4.690	1.595	0.34	1.104	4.620	1.571	0.34	1.137	4.480	1.523	0.34	1.170
29	18	4.113	3.537	0.86	0.874	3.938	3.387	0.86	0.918	3.780	3.251	0.86	0.962	3.640	3.130	0.86	1.006
29	20	4.288	3.173	0.74	0.918	4.113	3.044	0.74	0.973	3.990	2.953	0.74	0.995	3.850	2.849	0.74	1.038
29	22	4.463	2.767	0.62	0.951	4.305	2.669	0.62	1.011	4.200	2.604	0.62	1.038	4.025	2.496	0.62	1.082
29	24	4.690	2.345	0.50	0.995	4.515	2.258	0.50	1.049	4.410	2.205	0.50	1.082	4.270	2.135	0.50	1.137
29	26	4.830	1.835	0.38	1.049	4.690	1.782	0.38	1.104	4.620	1.756	0.38	1.137	4.480	1.702	0.38	1.170
30	18	4.113	3.702	0.90	0.874	3.938	3.544	0.90	0.918	3.780	3.402	0.90	0.962	3.640	3.276	0.90	1.006
30	20	4.288	3.345	0.78	0.918	4.113	3.208	0.78	0.973	3.990	3.112	0.78	0.995	3.850	3.003	0.78	1.038
30	22	4.463	2.946	0.66	0.951	4.305	2.841	0.66	1.011	4.200	2.772	0.66	1.038	4.025	2.657	0.66	1.082
30	24	4.690	2.533	0.54	0.995	4.515	2.438	0.54	1.049	4.410	2.381	0.54	1.082	4.270	2.306	0.54	1.137
30	26	4.830	2.029	0.42	1.049	4.690	1.970	0.42	1.104	4.620	1.940	0.42	1.137	4.480	1.882	0.42	1.170
31	18	4.113	3.866	0.94	0.874	3.938	3.702	0.94	0.918	3.780	3.553	0.94	0.962	3.640	3.422	0.94	1.006
31	20	4.288	3.516	0.82	0.918	4.113	3.373	0.82	0.973	3.990	3.272	0.82	0.995	3.850	3.157	0.82	1.038
31	22	4.463	3.124	0.70	0.951	4.305	3.014	0.70	1.011	4.200	2.940	0.70	1.038	4.025	2.818	0.70	1.082
31	24	4.690	2.720	0.58	0.995	4.515	2.619	0.58	1.049	4.410	2.558	0.58	1.082	4.270	2.477	0.58	1.137
31	26	4.830	2.222	0.46	1.049	4.690	2.157	0.46	1.104	4.620	2.125	0.46	1.137	4.480	2.061	0.46	1.170
32	18	4.113	4.031	0.98	0.874	3.938	3.859	0.98	0.918	3.780	3.704	0.98	0.962	3.640	3.567	0.98	1.006
32	20	4.288	3.688	0.86	0.918	4.113	3.537	0.86	0.973	3.990	3.431	0.86	0.995	3.850	3.311	0.86	1.038
32	22	4.463	3.303	0.74	0.951	4.305	3.186	0.74	1.011	4.200	3.108	0.74	1.038	4.025	2.979	0.74	1.082
32	24	4.690	2.908	0.62	0.995	4.515	2.799	0.62	1.049	4.410	2.734	0.62	1.082	4.270	2.647	0.62	1.137
32	26	4.830	2.415	0.50	1.049	4.690	2.345	0.50	1.104	4.620	2.310	0.50	1.137	4.480	2.240	0.50	1.170

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M35FA2 / SUZ-M35VA

CAPACITY :3.500kW INPUT :1.093kW SHF : 0.72

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	1.852	0.54	1.071	3.150	1.701	0.54	1.137	2.905	1.569	0.54	1.180
21	20	3.605	1.514	0.42	1.115	3.360	1.411	0.42	1.170	3.115	1.308	0.42	1.235
22	18	3.430	1.989	0.58	1.071	3.150	1.827	0.58	1.137	2.905	1.685	0.58	1.180
22	20	3.605	1.658	0.46	1.115	3.360	1.546	0.46	1.170	3.115	1.433	0.46	1.235
22	22	3.815	1.297	0.34	1.159	3.570	1.214	0.34	1.224	3.325	1.131	0.34	1.268
23	18	3.430	2.127	0.62	1.071	3.150	1.953	0.62	1.137	2.905	1.801	0.62	1.180
23	20	3.605	1.803	0.50	1.115	3.360	1.680	0.50	1.170	3.115	1.558	0.50	1.235
23	22	3.815	1.450	0.38	1.159	3.570	1.357	0.38	1.224	3.325	1.264	0.38	1.268
24	18	3.430	2.264	0.66	1.071	3.150	2.079	0.66	1.137	2.905	1.917	0.66	1.180
24	20	3.605	1.947	0.54	1.115	3.360	1.814	0.54	1.170	3.115	1.682	0.54	1.235
24	22	3.815	1.602	0.42	1.159	3.570	1.499	0.42	1.224	3.325	1.397	0.42	1.268
24	24	4.025	1.208	0.30	1.202	3.780	1.134	0.30	1.257	3.570	1.071	0.30	1.312
25	20	3.605	2.091	0.58	1.115	3.360	1.949	0.58	1.170	3.115	1.807	0.58	1.235
25	22	3.815	1.755	0.46	1.159	3.570	1.642	0.46	1.224	3.325	1.530	0.46	1.268
25	24	4.025	1.369	0.34	1.202	3.780	1.285	0.34	1.257	3.570	1.214	0.34	1.312
26	18	3.430	2.538	0.74	1.071	3.150	2.331	0.74	1.137	2.905	2.150	0.74	1.180
26	20	3.605	2.235	0.62	1.115	3.360	2.083	0.62	1.170	3.115	1.931	0.62	1.235
26	22	3.815	1.908	0.50	1.159	3.570	1.785	0.50	1.224	3.325	1.663	0.50	1.268
26	24	4.025	1.530	0.38	1.202	3.780	1.436	0.38	1.257	3.570	1.357	0.38	1.312
26	26	4.235	1.101	0.26	1.246	3.990	1.037	0.26	1.301	3.745	0.974	0.26	1.355
27	18	3.430	2.675	0.78	1.071	3.150	2.457	0.78	1.137	2.905	2.266	0.78	1.180
27	20	3.605	2.379	0.66	1.115	3.360	2.218	0.66	1.170	3.115	2.056	0.66	1.235
27	22	3.815	2.060	0.54	1.159	3.570	1.928	0.54	1.224	3.325	1.796	0.54	1.268
27	24	4.025	1.691	0.42	1.202	3.780	1.588	0.42	1.257	3.570	1.499	0.42	1.312
27	26	4.235	1.271	0.30	1.246	3.990	1.197	0.30	1.301	3.745	1.124	0.30	1.355
28	18	3.430	2.813	0.82	1.071	3.150	2.583	0.82	1.137	2.905	2.382	0.82	1.180
28	20	3.605	2.524	0.70	1.115	3.360	2.352	0.70	1.170	3.115	2.181	0.70	1.235
28	22	3.815	2.213	0.58	1.159	3.570	2.071	0.58	1.224	3.325	1.929	0.58	1.268
28	24	4.025	1.852	0.46	1.202	3.780	1.739	0.46	1.257	3.570	1.642	0.46	1.312
28	26	4.235	1.440	0.34	1.246	3.990	1.357	0.34	1.301	3.745	1.273	0.34	1.355
29	18	3.430	2.950	0.86	1.071	3.150	2.709	0.86	1.137	2.905	2.498	0.86	1.180
29	20	3.605	2.668	0.74	1.115	3.360	2.486	0.74	1.170	3.115	2.305	0.74	1.235
29	22	3.815	2.365	0.62	1.159	3.570	2.213	0.62	1.224	3.325	2.062	0.62	1.268
29	24	4.025	2.013	0.50	1.202	3.780	1.890	0.50	1.257	3.570	1.785	0.50	1.312
29	26	4.235	1.609	0.38	1.246	3.990	1.516	0.38	1.301	3.745	1.423	0.38	1.355
30	18	3.430	3.087	0.90	1.071	3.150	2.835	0.90	1.137	2.905	2.615	0.90	1.180
30	20	3.605	2.812	0.78	1.115	3.360	2.621	0.78	1.170	3.115	2.430	0.78	1.235
30	22	3.815	2.518	0.66	1.159	3.570	2.356	0.66	1.224	3.325	2.195	0.66	1.268
30	24	4.025	2.174	0.54	1.202	3.780	2.041	0.54	1.257	3.570	1.928	0.54	1.312
30	26	4.235	1.779	0.42	1.246	3.990	1.676	0.42	1.301	3.745	1.573	0.42	1.355
31	18	3.430	3.224	0.94	1.071	3.150	2.961	0.94	1.137	2.905	2.731	0.94	1.180
31	20	3.605	2.956	0.82	1.115	3.360	2.755	0.82	1.170	3.115	2.554	0.82	1.235
31	22	3.815	2.671	0.70	1.159	3.570	2.499	0.70	1.224	3.325	2.328	0.70	1.268
31	24	4.025	2.335	0.58	1.202	3.780	2.192	0.58	1.257	3.570	2.071	0.58	1.312
31	26	4.235	1.948	0.46	1.246	3.990	1.835	0.46	1.301	3.745	1.723	0.46	1.355
32	18	3.430	3.361	0.98	1.071	3.150	3.087	0.98	1.137	2.905	2.847	0.98	1.180
32	20	3.605	3.100	0.86	1.115	3.360	2.890	0.86	1.170	3.115	2.679	0.86	1.235
32	22	3.815	2.823	0.74	1.159	3.570	2.642	0.74	1.224	3.325	2.461	0.74	1.268
32	24	4.025	2.496	0.62	1.202	3.780	2.344	0.62	1.257	3.570	2.213	0.62	1.312
32	26	4.235	2.118	0.50	1.246	3.990	1.995	0.50	1.301	3.745	1.873	0.50	1.355

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M50FA2 / SUZ-M50VA

CAPACITY :4.600kW INPUT :1.352kW SHF :0.68

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
		DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)
21	18	5.405	2.703	0.50	1.082	5.175	2.588	0.50	1.136	4.968	2.484	0.50	1.190	4.784	2.392	0.50	1.244
21	20	5.635	2.141	0.38	1.136	5.405	2.054	0.38	1.203	5.244	1.993	0.38	1.230	5.060	1.923	0.38	1.284
22	18	5.405	2.919	0.54	1.082	5.175	2.795	0.54	1.136	4.968	2.683	0.54	1.190	4.784	2.583	0.54	1.244
22	20	5.635	2.367	0.42	1.136	5.405	2.270	0.42	1.203	5.244	2.202	0.42	1.230	5.060	2.125	0.42	1.284
22	22	5.865	1.760	0.30	1.176	5.658	1.697	0.30	1.251	5.520	1.656	0.30	1.284	5.290	1.587	0.30	1.338
23	18	5.405	3.135	0.58	1.082	5.175	3.002	0.58	1.136	4.968	2.881	0.58	1.190	4.784	2.775	0.58	1.244
23	20	5.635	2.592	0.46	1.136	5.405	2.486	0.46	1.203	5.244	2.412	0.46	1.230	5.060	2.328	0.46	1.284
23	22	5.865	1.994	0.34	1.176	5.658	1.924	0.34	1.251	5.520	1.877	0.34	1.284	5.290	1.799	0.34	1.338
24	18	5.405	3.351	0.62	1.082	5.175	3.209	0.62	1.136	4.968	3.080	0.62	1.190	4.784	2.966	0.62	1.244
24	20	5.635	2.818	0.50	1.136	5.405	2.703	0.50	1.203	5.244	2.622	0.50	1.230	5.060	2.530	0.50	1.284
24	22	5.865	2.229	0.38	1.176	5.658	2.150	0.38	1.251	5.520	2.098	0.38	1.284	5.290	2.010	0.38	1.338
24	24	6.164	1.603	0.26	1.230	5.934	1.543	0.26	1.298	5.796	1.507	0.26	1.338	5.612	1.459	0.26	1.406
25	20	5.635	3.043	0.54	1.136	5.405	2.919	0.54	1.203	5.244	2.832	0.54	1.230	5.060	2.732	0.54	1.284
25	22	5.865	2.463	0.42	1.176	5.658	2.376	0.42	1.251	5.520	2.318	0.42	1.284	5.290	2.222	0.42	1.338
25	24	6.164	1.849	0.30	1.230	5.934	1.780	0.30	1.298	5.796	1.739	0.30	1.338	5.612	1.684	0.30	1.406
26	18	5.405	3.784	0.70	1.082	5.175	3.623	0.70	1.136	4.968	3.478	0.70	1.190	4.784	3.349	0.70	1.244
26	20	5.635	3.268	0.58	1.136	5.405	3.135	0.58	1.203	5.244	3.042	0.58	1.230	5.060	2.935	0.58	1.284
26	22	5.865	2.698	0.46	1.176	5.658	2.603	0.46	1.251	5.520	2.539	0.46	1.284	5.290	2.433	0.46	1.338
26	24	6.164	2.096	0.34	1.230	5.934	2.018	0.34	1.298	5.796	1.971	0.34	1.338	5.612	1.908	0.34	1.406
26	26	6.348	1.397	0.22	1.298	6.164	1.356	0.22	1.366	6.072	1.336	0.22	1.406	5.888	1.295	0.22	1.447
27	18	5.405	4.000	0.74	1.082	5.175	3.830	0.74	1.136	4.968	3.676	0.74	1.190	4.784	3.540	0.74	1.244
27	20	5.635	3.494	0.62	1.136	5.405	3.351	0.62	1.203	5.244	3.251	0.62	1.230	5.060	3.137	0.62	1.284
27	22	5.865	2.933	0.50	1.176	5.658	2.829	0.50	1.251	5.520	2.760	0.50	1.284	5.290	2.645	0.50	1.338
27	24	6.164	2.342	0.38	1.230	5.934	2.255	0.38	1.298	5.796	2.202	0.38	1.338	5.612	2.133	0.38	1.406
27	26	6.348	1.650	0.26	1.298	6.164	1.603	0.26	1.366	6.072	1.579	0.26	1.406	5.888	1.531	0.26	1.447
28	18	5.405	4.216	0.78	1.082	5.175	4.037	0.78	1.136	4.968	3.875	0.78	1.190	4.784	3.732	0.78	1.244
28	20	5.635	3.719	0.66	1.136	5.405	3.567	0.66	1.203	5.244	3.461	0.66	1.230	5.060	3.340	0.66	1.284
28	22	5.865	3.167	0.54	1.176	5.658	3.055	0.54	1.251	5.520	2.981	0.54	1.284	5.290	2.857	0.54	1.338
28	24	6.164	2.589	0.42	1.230	5.934	2.492	0.42	1.298	5.796	2.434	0.42	1.338	5.612	2.357	0.42	1.406
28	26	6.348	1.904	0.30	1.298	6.164	1.849	0.30	1.366	6.072	1.822	0.30	1.406	5.888	1.766	0.30	1.447
29	18	5.405	4.432	0.82	1.082	5.175	4.244	0.82	1.136	4.968	4.074	0.82	1.190	4.784	3.923	0.82	1.244
29	20	5.635	3.945	0.70	1.136	5.405	3.784	0.70	1.203	5.244	3.671	0.70	1.230	5.060	3.542	0.70	1.284
29	22	5.865	3.402	0.58	1.176	5.658	3.282	0.58	1.251	5.520	3.202	0.58	1.284	5.290	3.068	0.58	1.338
29	24	6.164	2.835	0.46	1.230	5.934	2.730	0.46	1.298	5.796	2.666	0.46	1.338	5.612	2.582	0.46	1.406
29	26	6.348	2.158	0.34	1.298	6.164	2.096	0.34	1.366	6.072	2.064	0.34	1.406	5.888	2.002	0.34	1.447
30	18	5.405	4.648	0.86	1.082	5.175	4.451	0.86	1.136	4.968	4.272	0.86	1.190	4.784	4.114	0.86	1.244
30	20	5.635	4.170	0.74	1.136	5.405	4.000	0.74	1.203	5.244	3.881	0.74	1.230	5.060	3.744	0.74	1.284
30	22	5.865	3.636	0.62	1.176	5.658	3.508	0.62	1.251	5.520	3.422	0.62	1.284	5.290	3.280	0.62	1.338
30	24	6.164	3.082	0.50	1.230	5.934	2.967	0.50	1.298	5.796	2.898	0.50	1.338	5.612	2.806	0.50	1.406
30	26	6.348	2.412	0.38	1.298	6.164	2.342	0.38	1.366	6.072	2.307	0.38	1.406	5.888	2.237	0.38	1.447
31	18	5.405	4.865	0.90	1.082	5.175	4.658	0.90	1.136	4.968	4.471	0.90	1.190	4.784	4.306	0.90	1.244
31	20	5.635	4.395	0.78	1.136	5.405	4.216	0.78	1.203	5.244	4.090	0.78	1.230	5.060	3.947	0.78	1.284
31	22	5.865	3.871	0.66	1.176	5.658	3.734	0.66	1.251	5.520	3.643	0.66	1.284	5.290	3.491	0.66	1.338
31	24	6.164	3.329	0.54	1.230	5.934	3.204	0.54	1.298	5.796	3.130	0.54	1.338	5.612	3.030	0.54	1.406
31	26	6.348	2.666	0.42	1.298	6.164	2.589	0.42	1.366	6.072	2.550	0.42	1.406	5.888	2.473	0.42	1.447
32	18	5.405	5.081	0.94	1.082	5.175	4.865	0.94	1.136	4.968	4.670	0.94	1.190	4.784	4.497	0.94	1.244
32	20	5.635	4.621	0.82	1.136	5.405	4.432	0.82	1.203	5.244	4.300	0.82	1.230	5.060	4.149	0.82	1.284
32	22	5.865	4.106	0.70	1.176	5.658	3.961	0.70	1.251	5.520	3.864	0.70	1.284	5.290	3.703	0.70	1.338
32	24	6.164	3.575	0.58	1.230	5.934	3.442	0.58	1.298	5.796	3.362	0.58	1.338	5.612	3.255	0.58	1.406
32	26	6.348	2.920	0.46	1.298	6.164	2.835	0.46	1.366	6.072	2.793	0.46	1.406	5.888	2.708	0.46	1.447

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M50FA2 / SUZ-M50VA

CAPACITY :4.600kW INPUT :1.352kW SHF :0.68

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.508	2.254	0.50	1.325	4.140	2.070	0.50	1.406	3.818	1.909	0.50	1.460
21	20	4.738	1.800	0.38	1.379	4.416	1.678	0.38	1.447	4.094	1.556	0.38	1.528
22	18	4.508	2.434	0.54	1.325	4.140	2.236	0.54	1.406	3.818	2.062	0.54	1.460
22	20	4.738	1.990	0.42	1.379	4.416	1.855	0.42	1.447	4.094	1.719	0.42	1.528
22	22	5.014	1.504	0.30	1.433	4.692	1.408	0.30	1.514	4.370	1.311	0.30	1.568
23	18	4.508	2.615	0.58	1.325	4.140	2.401	0.58	1.406	3.818	2.214	0.58	1.460
23	20	4.738	2.179	0.46	1.379	4.416	2.031	0.46	1.447	4.094	1.883	0.46	1.528
23	22	5.014	1.705	0.34	1.433	4.692	1.595	0.34	1.514	4.370	1.486	0.34	1.568
24	18	4.508	2.795	0.62	1.325	4.140	2.567	0.62	1.406	3.818	2.367	0.62	1.460
24	20	4.738	2.369	0.50	1.379	4.416	2.208	0.50	1.447	4.094	2.047	0.50	1.528
24	22	5.014	1.905	0.38	1.433	4.692	1.783	0.38	1.514	4.370	1.661	0.38	1.568
24	24	5.290	1.375	0.26	1.487	4.968	1.292	0.26	1.555	4.692	1.220	0.26	1.622
25	20	4.738	2.559	0.54	1.379	4.416	2.385	0.54	1.447	4.094	2.211	0.54	1.528
25	22	5.014	2.106	0.42	1.433	4.692	1.971	0.42	1.514	4.370	1.835	0.42	1.568
25	24	5.290	1.587	0.30	1.487	4.968	1.490	0.30	1.555	4.692	1.408	0.30	1.622
26	18	4.508	3.156	0.70	1.325	4.140	2.898	0.70	1.406	3.818	2.673	0.70	1.460
26	20	4.738	2.748	0.58	1.379	4.416	2.561	0.58	1.447	4.094	2.375	0.58	1.528
26	22	5.014	2.306	0.46	1.433	4.692	2.158	0.46	1.514	4.370	2.010	0.46	1.568
26	24	5.290	1.799	0.34	1.487	4.968	1.689	0.34	1.555	4.692	1.595	0.34	1.622
26	26	5.566	1.225	0.22	1.541	5.244	1.154	0.22	1.609	4.922	1.083	0.22	1.676
27	18	4.508	3.336	0.74	1.325	4.140	3.064	0.74	1.406	3.818	2.825	0.74	1.460
27	20	4.738	2.938	0.62	1.379	4.416	2.738	0.62	1.447	4.094	2.538	0.62	1.528
27	22	5.014	2.507	0.50	1.433	4.692	2.346	0.50	1.514	4.370	2.185	0.50	1.568
27	24	5.290	2.010	0.38	1.487	4.968	1.888	0.38	1.555	4.692	1.783	0.38	1.622
27	26	5.566	1.447	0.26	1.541	5.244	1.363	0.26	1.609	4.922	1.280	0.26	1.676
28	18	4.508	3.516	0.78	1.325	4.140	3.229	0.78	1.406	3.818	2.978	0.78	1.460
28	20	4.738	3.127	0.66	1.379	4.416	2.915	0.66	1.447	4.094	2.702	0.66	1.528
28	22	5.014	2.708	0.54	1.433	4.692	2.534	0.54	1.514	4.370	2.360	0.54	1.568
28	24	5.290	2.222	0.42	1.487	4.968	2.087	0.42	1.555	4.692	1.971	0.42	1.622
28	26	5.566	1.670	0.30	1.541	5.244	1.573	0.30	1.609	4.922	1.477	0.30	1.676
29	18	4.508	3.697	0.82	1.325	4.140	3.395	0.82	1.406	3.818	3.131	0.82	1.460
29	20	4.738	3.317	0.70	1.379	4.416	3.091	0.70	1.447	4.094	2.866	0.70	1.528
29	22	5.014	2.908	0.58	1.433	4.692	2.721	0.58	1.514	4.370	2.535	0.58	1.568
29	24	5.290	2.433	0.46	1.487	4.968	2.285	0.46	1.555	4.692	2.158	0.46	1.622
29	26	5.566	1.892	0.34	1.541	5.244	1.783	0.34	1.609	4.922	1.673	0.34	1.676
30	18	4.508	3.877	0.86	1.325	4.140	3.560	0.86	1.406	3.818	3.283	0.86	1.460
30	20	4.738	3.506	0.74	1.379	4.416	3.268	0.74	1.447	4.094	3.030	0.74	1.528
30	22	5.014	3.109	0.62	1.433	4.692	2.909	0.62	1.514	4.370	2.709	0.62	1.568
30	24	5.290	2.645	0.50	1.487	4.968	2.484	0.50	1.555	4.692	2.346	0.50	1.622
30	26	5.566	2.115	0.38	1.541	5.244	1.993	0.38	1.609	4.922	1.870	0.38	1.676
31	18	4.508	4.057	0.90	1.325	4.140	3.726	0.90	1.406	3.818	3.436	0.90	1.460
31	20	4.738	3.696	0.78	1.379	4.416	3.444	0.78	1.447	4.094	3.193	0.78	1.528
31	22	5.014	3.309	0.66	1.433	4.692	3.097	0.66	1.514	4.370	2.884	0.66	1.568
31	24	5.290	2.857	0.54	1.487	4.968	2.683	0.54	1.555	4.692	2.534	0.54	1.622
31	26	5.566	2.338	0.42	1.541	5.244	2.202	0.42	1.609	4.922	2.067	0.42	1.676
32	18	4.508	4.238	0.94	1.325	4.140	3.892	0.94	1.406	3.818	3.589	0.94	1.460
32	20	4.738	3.885	0.82	1.379	4.416	3.621	0.82	1.447	4.094	3.357	0.82	1.528
32	22	5.014	3.510	0.70	1.433	4.692	3.284	0.70	1.514	4.370	3.059	0.70	1.568
32	24	5.290	3.068	0.58	1.487	4.968	2.881	0.58	1.555	4.692	2.721	0.58	1.622
32	26	5.566	2.560	0.46	1.541	5.244	2.412	0.46	1.609	4.922	2.264	0.46	1.676

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SLZ-M60FA2 / SUZ-M60VA
 CAPACITY :5.700kW INPUT :1.676kW SHF : 0.68

INDOOR		OUTDOOR DB(°C)															
DB(°C)	WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	3.349	0.50	1.341	6.413	3.207	0.50	1.408	6.156	3.078	0.50	1.475	5.928	2.964	0.50	1.542
21	20	6.983	2.654	0.38	1.408	6.698	2.545	0.38	1.492	6.498	2.469	0.38	1.525	6.270	2.383	0.38	1.592
22	18	6.698	3.617	0.54	1.341	6.413	3.463	0.54	1.408	6.156	3.324	0.54	1.475	5.928	3.201	0.54	1.542
22	20	6.983	2.933	0.42	1.408	6.698	2.813	0.42	1.492	6.498	2.729	0.42	1.525	6.270	2.633	0.42	1.592
22	22	7.268	2.180	0.30	1.458	7.011	2.103	0.30	1.550	6.840	2.052	0.30	1.592	6.555	1.967	0.30	1.659
23	18	6.698	3.885	0.58	1.341	6.413	3.720	0.58	1.408	6.156	3.570	0.58	1.475	5.928	3.438	0.58	1.542
23	20	6.983	3.212	0.46	1.408	6.698	3.081	0.46	1.492	6.498	2.989	0.46	1.525	6.270	2.884	0.46	1.592
23	22	7.268	2.471	0.34	1.458	7.011	2.384	0.34	1.550	6.840	2.326	0.34	1.592	6.555	2.229	0.34	1.659
24	18	6.698	4.153	0.62	1.341	6.413	3.976	0.62	1.408	6.156	3.817	0.62	1.475	5.928	3.675	0.62	1.542
24	20	6.983	3.492	0.50	1.408	6.698	3.349	0.50	1.492	6.498	3.249	0.50	1.525	6.270	3.135	0.50	1.592
24	22	7.268	2.762	0.38	1.458	7.011	2.664	0.38	1.550	6.840	2.599	0.38	1.592	6.555	2.491	0.38	1.659
24	24	7.638	1.986	0.26	1.525	7.353	1.912	0.26	1.609	7.182	1.867	0.26	1.659	6.954	1.808	0.26	1.743
25	20	6.983	3.771	0.54	1.408	6.698	3.617	0.54	1.492	6.498	3.509	0.54	1.525	6.270	3.386	0.54	1.592
25	22	7.268	3.053	0.42	1.458	7.011	2.945	0.42	1.550	6.840	2.873	0.42	1.592	6.555	2.753	0.42	1.659
25	24	7.638	2.291	0.30	1.525	7.353	2.206	0.30	1.609	7.182	2.155	0.30	1.659	6.954	2.086	0.30	1.743
26	18	6.698	4.689	0.70	1.341	6.413	4.489	0.70	1.408	6.156	4.309	0.70	1.475	5.928	4.150	0.70	1.542
26	20	6.983	4.050	0.58	1.408	6.698	3.885	0.58	1.492	6.498	3.769	0.58	1.525	6.270	3.637	0.58	1.592
26	22	7.268	3.343	0.46	1.458	7.011	3.225	0.46	1.550	6.840	3.146	0.46	1.592	6.555	3.015	0.46	1.659
26	24	7.638	2.597	0.34	1.525	7.353	2.500	0.34	1.609	7.182	2.442	0.34	1.659	6.954	2.364	0.34	1.743
26	26	7.866	1.731	0.22	1.609	7.638	1.680	0.22	1.693	7.524	1.655	0.22	1.743	7.296	1.605	0.22	1.793
27	18	6.698	4.957	0.74	1.341	6.413	4.746	0.74	1.408	6.156	4.555	0.74	1.475	5.928	4.387	0.74	1.542
27	20	6.983	4.329	0.62	1.408	6.698	4.153	0.62	1.492	6.498	4.029	0.62	1.525	6.270	3.887	0.62	1.592
27	22	7.268	3.634	0.50	1.458	7.011	3.506	0.50	1.550	6.840	3.420	0.50	1.592	6.555	3.278	0.50	1.659
27	24	7.638	2.902	0.38	1.525	7.353	2.794	0.38	1.609	7.182	2.729	0.38	1.659	6.954	2.643	0.38	1.743
27	26	7.866	2.045	0.26	1.609	7.638	1.986	0.26	1.693	7.524	1.956	0.26	1.743	7.296	1.897	0.26	1.793
28	18	6.698	5.224	0.78	1.341	6.413	5.002	0.78	1.408	6.156	4.802	0.78	1.475	5.928	4.624	0.78	1.542
28	20	6.983	4.609	0.66	1.408	6.698	4.421	0.66	1.492	6.498	4.289	0.66	1.525	6.270	4.138	0.66	1.592
28	22	7.268	3.925	0.54	1.458	7.011	3.786	0.54	1.550	6.840	3.694	0.54	1.592	6.555	3.540	0.54	1.659
28	24	7.638	3.208	0.42	1.525	7.353	3.088	0.42	1.609	7.182	3.016	0.42	1.659	6.954	2.921	0.42	1.743
28	26	7.866	2.360	0.30	1.609	7.638	2.291	0.30	1.693	7.524	2.257	0.30	1.743	7.296	2.189	0.30	1.793
29	18	6.698	5.492	0.82	1.341	6.413	5.259	0.82	1.408	6.156	5.048	0.82	1.475	5.928	4.861	0.82	1.542
29	20	6.983	4.888	0.70	1.408	6.698	4.689	0.70	1.492	6.498	4.549	0.70	1.525	6.270	4.389	0.70	1.592
29	22	7.268	4.215	0.58	1.458	7.011	4.066	0.58	1.550	6.840	3.967	0.58	1.592	6.555	3.802	0.58	1.659
29	24	7.638	3.513	0.46	1.525	7.353	3.382	0.46	1.609	7.182	3.304	0.46	1.659	6.954	3.199	0.46	1.743
29	26	7.866	2.674	0.34	1.609	7.638	2.597	0.34	1.693	7.524	2.558	0.34	1.743	7.296	2.481	0.34	1.793
30	18	6.698	5.760	0.86	1.341	6.413	5.515	0.86	1.408	6.156	5.294	0.86	1.475	5.928	5.098	0.86	1.542
30	20	6.983	5.167	0.74	1.408	6.698	4.957	0.74	1.492	6.498	4.809	0.74	1.525	6.270	4.640	0.74	1.592
30	22	7.268	4.506	0.62	1.458	7.011	4.347	0.62	1.550	6.840	4.241	0.62	1.592	6.555	4.064	0.62	1.659
30	24	7.638	3.819	0.50	1.525	7.353	3.677	0.50	1.609	7.182	3.591	0.50	1.659	6.954	3.477	0.50	1.743
30	26	7.866	2.989	0.38	1.609	7.638	2.902	0.38	1.693	7.524	2.859	0.38	1.743	7.296	2.772	0.38	1.793
31	18	6.698	6.028	0.90	1.341	6.413	5.772	0.90	1.408	6.156	5.540	0.90	1.475	5.928	5.335	0.90	1.542
31	20	6.983	5.447	0.78	1.408	6.698	5.224	0.78	1.492	6.498	5.068	0.78	1.525	6.270	4.891	0.78	1.592
31	22	7.268	4.797	0.66	1.458	7.011	4.627	0.66	1.550	6.840	4.514	0.66	1.592	6.555	4.326	0.66	1.659
31	24	7.638	4.125	0.54	1.525	7.353	3.971	0.54	1.609	7.182	3.878	0.54	1.659	6.954	3.755	0.54	1.743
31	26	7.866	3.304	0.42	1.609	7.638	3.208	0.42	1.693	7.524	3.160	0.42	1.743	7.296	3.064	0.42	1.793
32	18	6.698	6.296	0.94	1.341	6.413	6.028	0.94	1.408	6.156	5.787	0.94	1.475	5.928	5.572	0.94	1.542
32	20	6.983	5.726	0.82	1.408	6.698	5.492	0.82	1.492	6.498	5.328	0.82	1.525	6.270	5.141	0.82	1.592
32	22	7.268	5.088	0.70	1.458	7.011	4.908	0.70	1.550	6.840	4.788	0.70	1.592	6.555	4.589	0.70	1.659
32	24	7.638	4.430	0.58	1.525	7.353	4.265	0.58	1.609	7.182	4.166	0.58	1.659	6.954	4.033	0.58	1.743
32	26	7.866	3.618	0.46	1.609	7.638	3.513	0.46	1.693	7.524	3.461	0.46	1.743	7.296	3.356	0.46	1.793

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M60FA2 / SUZ-M60VA

CAPACITY :5.700kW INPUT :1.676kW SHF : 0.68

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	2.793	0.50	1.642	5.130	2.565	0.50	1.743	4.731	2.366	0.50	1.810
21	20	5.871	2.231	0.38	1.710	5.472	2.079	0.38	1.793	5.073	1.928	0.38	1.894
22	18	5.586	3.016	0.54	1.642	5.130	2.770	0.54	1.743	4.731	2.555	0.54	1.810
22	20	5.871	2.466	0.42	1.710	5.472	2.298	0.42	1.793	5.073	2.131	0.42	1.894
22	22	6.213	1.864	0.30	1.777	5.814	1.744	0.30	1.877	5.415	1.625	0.30	1.944
23	18	5.586	3.240	0.58	1.642	5.130	2.975	0.58	1.743	4.731	2.744	0.58	1.810
23	20	5.871	2.701	0.46	1.710	5.472	2.517	0.46	1.793	5.073	2.334	0.46	1.894
23	22	6.213	2.112	0.34	1.777	5.814	1.977	0.34	1.877	5.415	1.841	0.34	1.944
24	18	5.586	3.463	0.62	1.642	5.130	3.181	0.62	1.743	4.731	2.933	0.62	1.810
24	20	5.871	2.936	0.50	1.710	5.472	2.736	0.50	1.793	5.073	2.537	0.50	1.894
24	22	6.213	2.361	0.38	1.777	5.814	2.209	0.38	1.877	5.415	2.058	0.38	1.944
24	24	6.555	1.704	0.26	1.844	6.156	1.601	0.26	1.927	5.814	1.512	0.26	2.011
25	20	5.871	3.170	0.54	1.710	5.472	2.955	0.54	1.793	5.073	2.739	0.54	1.894
25	22	6.213	2.609	0.42	1.777	5.814	2.442	0.42	1.877	5.415	2.274	0.42	1.944
25	24	6.555	1.967	0.30	1.844	6.156	1.847	0.30	1.927	5.814	1.744	0.30	2.011
26	18	5.586	3.910	0.70	1.642	5.130	3.591	0.70	1.743	4.731	3.312	0.70	1.810
26	20	5.871	3.405	0.58	1.710	5.472	3.174	0.58	1.793	5.073	2.942	0.58	1.894
26	22	6.213	2.858	0.46	1.777	5.814	2.674	0.46	1.877	5.415	2.491	0.46	1.944
26	24	6.555	2.229	0.34	1.844	6.156	2.093	0.34	1.927	5.814	1.977	0.34	2.011
26	26	6.897	1.517	0.22	1.911	6.498	1.430	0.22	1.994	6.099	1.342	0.22	2.078
27	18	5.586	4.134	0.74	1.642	5.130	3.796	0.74	1.743	4.731	3.501	0.74	1.810
27	20	5.871	3.640	0.62	1.710	5.472	3.393	0.62	1.793	5.073	3.145	0.62	1.894
27	22	6.213	3.107	0.50	1.777	5.814	2.907	0.50	1.877	5.415	2.708	0.50	1.944
27	24	6.555	2.491	0.38	1.844	6.156	2.339	0.38	1.927	5.814	2.209	0.38	2.011
27	26	6.897	1.793	0.26	1.911	6.498	1.689	0.26	1.994	6.099	1.586	0.26	2.078
28	18	5.586	4.357	0.78	1.642	5.130	4.001	0.78	1.743	4.731	3.690	0.78	1.810
28	20	5.871	3.875	0.66	1.710	5.472	3.612	0.66	1.793	5.073	3.348	0.66	1.894
28	22	6.213	3.355	0.54	1.777	5.814	3.140	0.54	1.877	5.415	2.924	0.54	1.944
28	24	6.555	2.753	0.42	1.844	6.156	2.586	0.42	1.927	5.814	2.442	0.42	2.011
28	26	6.897	2.069	0.30	1.911	6.498	1.949	0.30	1.994	6.099	1.830	0.30	2.078
29	18	5.586	4.581	0.82	1.642	5.130	4.207	0.82	1.743	4.731	3.879	0.82	1.810
29	20	5.871	4.110	0.70	1.710	5.472	3.830	0.70	1.793	5.073	3.551	0.70	1.894
29	22	6.213	3.604	0.58	1.777	5.814	3.372	0.58	1.877	5.415	3.141	0.58	1.944
29	24	6.555	3.015	0.46	1.844	6.156	2.832	0.46	1.927	5.814	2.674	0.46	2.011
29	26	6.897	2.345	0.34	1.911	6.498	2.209	0.34	1.994	6.099	2.074	0.34	2.078
30	18	5.586	4.804	0.86	1.642	5.130	4.412	0.86	1.743	4.731	4.069	0.86	1.810
30	20	5.871	4.345	0.74	1.710	5.472	4.049	0.74	1.793	5.073	3.754	0.74	1.894
30	22	6.213	3.852	0.62	1.777	5.814	3.605	0.62	1.877	5.415	3.357	0.62	1.944
30	24	6.555	3.278	0.50	1.844	6.156	3.078	0.50	1.927	5.814	2.907	0.50	2.011
30	26	6.897	2.621	0.38	1.911	6.498	2.469	0.38	1.994	6.099	2.318	0.38	2.078
31	18	5.586	5.027	0.90	1.642	5.130	4.617	0.90	1.743	4.731	4.258	0.90	1.810
31	20	5.871	4.579	0.78	1.710	5.472	4.268	0.78	1.793	5.073	3.957	0.78	1.894
31	22	6.213	4.101	0.66	1.777	5.814	3.837	0.66	1.877	5.415	3.574	0.66	1.944
31	24	6.555	3.540	0.54	1.844	6.156	3.324	0.54	1.927	5.814	3.140	0.54	2.011
31	26	6.897	2.897	0.42	1.911	6.498	2.729	0.42	1.994	6.099	2.562	0.42	2.078
32	18	5.586	5.251	0.94	1.642	5.130	4.822	0.94	1.743	4.731	4.447	0.94	1.810
32	20	5.871	4.814	0.82	1.710	5.472	4.487	0.82	1.793	5.073	4.160	0.82	1.894
32	22	6.213	4.349	0.70	1.777	5.814	4.070	0.70	1.877	5.415	3.791	0.70	1.944
32	24	6.555	3.802	0.58	1.844	6.156	3.570	0.58	1.927	5.814	3.372	0.58	2.011
32	26	6.897	3.173	0.46	1.911	6.498	2.989	0.46	1.994	6.099	2.806	0.46	2.078

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING operation

SLZ-M25FA2 / SUZ-M25VA at Rated frequency

CAPACITY :3.200kW INPUT :0.886kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.600	0.461	2.016	0.576	2.432	0.691	2.848	0.780	3.264	0.842	3.680	0.895	4.064	0.921	4.480	0.939
21	1.504	0.491	1.920	0.620	2.304	0.735	2.720	0.815	3.104	0.877	3.520	0.921	3.904	0.948	4.304	0.983
26	1.312	0.532	1.728	0.665	2.144	0.780	2.528	0.859	2.944	0.921	3.360	0.966	3.744	0.992	4.160	1.019

SLZ-M35FA2 / SUZ-M35VA at Rated frequency

CAPACITY :4.000kW INPUT :1.078kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.000	0.561	2.520	0.701	3.040	0.841	3.560	0.949	4.080	1.024	4.600	1.089	5.080	1.121	5.600	1.143
21	1.880	0.597	2.400	0.755	2.880	0.895	3.400	0.992	3.880	1.067	4.400	1.121	4.880	1.153	5.380	1.197
26	1.640	0.647	2.160	0.809	2.680	0.949	3.160	1.046	3.680	1.121	4.200	1.175	4.680	1.207	5.200	1.240

SLZ-M50FA2 / SUZ-M50VA at Rated frequency

CAPACITY :5.000kW INPUT :1.562kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.500	0.812	3.150	1.015	3.800	1.218	4.450	1.375	5.100	1.484	5.750	1.578	6.350	1.624	7.000	1.656
21	2.350	0.865	3.000	1.093	3.600	1.296	4.250	1.437	4.850	1.546	5.500	1.624	6.100	1.671	6.725	1.734
26	2.050	0.937	2.700	1.172	3.350	1.375	3.950	1.515	4.600	1.624	5.250	1.703	5.850	1.749	6.500	1.796

SLZ-M60FA2 / SUZ-M60VA at Rated frequency

CAPACITY :6.400kW INPUT :2.133kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.200	1.109	4.032	1.386	4.864	1.664	5.696	1.877	6.528	2.026	7.360	2.154	8.128	2.218	8.960	2.261
21	3.008	1.182	3.840	1.493	4.608	1.770	5.440	1.962	6.208	2.112	7.040	2.218	7.808	2.282	8.608	2.368
26	2.624	1.280	3.456	1.600	4.288	1.877	5.056	2.069	5.888	2.218	6.720	2.325	7.488	2.389	8.320	2.453

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

B.1.5.2 R410A type

COOLING operation at Rated frequency

SLZ-M25FA2 / SUZ-KA25VA6

CAPACITY : 2.600kW INPUT : 0.684kW SHF : 0.78

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.055	1.833	0.60	0.547	2.925	1.755	0.60	0.575	2.808	1.685	0.60	0.602	2.704	1.622	0.60	0.629
21	20	3.185	1.529	0.48	0.575	3.055	1.466	0.48	0.609	2.964	1.423	0.48	0.622	2.860	1.373	0.48	0.650
22	18	3.055	1.955	0.64	0.547	2.925	1.872	0.64	0.575	2.808	1.797	0.64	0.602	2.704	1.731	0.64	0.629
22	20	3.185	1.656	0.52	0.575	3.055	1.589	0.52	0.609	2.964	1.541	0.52	0.622	2.860	1.487	0.52	0.650
22	22	3.315	1.326	0.40	0.595	3.198	1.279	0.40	0.633	3.120	1.248	0.40	0.650	2.990	1.196	0.40	0.677
23	18	3.055	2.077	0.68	0.547	2.925	1.989	0.68	0.575	2.808	1.909	0.68	0.602	2.704	1.839	0.68	0.629
23	20	3.185	1.784	0.56	0.575	3.055	1.711	0.56	0.609	2.964	1.660	0.56	0.622	2.860	1.602	0.56	0.650
23	22	3.315	1.459	0.44	0.595	3.198	1.407	0.44	0.633	3.120	1.373	0.44	0.650	2.990	1.316	0.44	0.677
24	18	3.055	2.200	0.72	0.547	2.925	2.106	0.72	0.575	2.808	2.022	0.72	0.602	2.704	1.947	0.72	0.629
24	20	3.185	1.911	0.60	0.575	3.055	1.833	0.60	0.609	2.964	1.778	0.60	0.622	2.860	1.716	0.60	0.650
24	22	3.315	1.591	0.48	0.595	3.198	1.535	0.48	0.633	3.120	1.498	0.48	0.650	2.990	1.435	0.48	0.677
24	24	3.484	1.254	0.36	0.622	3.354	1.207	0.36	0.657	3.276	1.179	0.36	0.677	3.172	1.142	0.36	0.711
25	20	3.185	2.038	0.64	0.575	3.055	1.955	0.64	0.609	2.964	1.897	0.64	0.622	2.860	1.830	0.64	0.650
25	22	3.315	1.724	0.52	0.595	3.198	1.663	0.52	0.633	3.120	1.622	0.52	0.650	2.990	1.555	0.52	0.677
25	24	3.484	1.394	0.40	0.622	3.354	1.342	0.40	0.657	3.276	1.310	0.40	0.677	3.172	1.269	0.40	0.711
26	18	3.055	2.444	0.80	0.547	2.925	2.340	0.80	0.575	2.808	2.246	0.80	0.602	2.704	2.163	0.80	0.629
26	20	3.185	2.166	0.68	0.575	3.055	2.077	0.68	0.609	2.964	2.016	0.68	0.622	2.860	1.945	0.68	0.650
26	22	3.315	1.856	0.56	0.595	3.198	1.791	0.56	0.633	3.120	1.747	0.56	0.650	2.990	1.674	0.56	0.677
26	24	3.484	1.533	0.44	0.622	3.354	1.476	0.44	0.657	3.276	1.441	0.44	0.677	3.172	1.396	0.44	0.711
26	26	3.588	1.148	0.32	0.657	3.484	1.115	0.32	0.691	3.432	1.098	0.32	0.711	3.328	1.065	0.32	0.732
27	18	3.055	2.566	0.84	0.547	2.925	2.457	0.84	0.575	2.808	2.359	0.84	0.602	2.704	2.271	0.84	0.629
27	20	3.185	2.293	0.72	0.575	3.055	2.200	0.72	0.609	2.964	2.134	0.72	0.622	2.860	2.059	0.72	0.650
27	22	3.315	1.989	0.60	0.595	3.198	1.919	0.60	0.633	3.120	1.872	0.60	0.650	2.990	1.794	0.60	0.677
27	24	3.484	1.672	0.48	0.622	3.354	1.610	0.48	0.657	3.276	1.572	0.48	0.677	3.172	1.523	0.48	0.711
27	26	3.588	1.292	0.36	0.657	3.484	1.254	0.36	0.691	3.432	1.236	0.36	0.711	3.328	1.198	0.36	0.732
28	18	3.055	2.688	0.88	0.547	2.925	2.574	0.88	0.575	2.808	2.471	0.88	0.602	2.704	2.380	0.88	0.629
28	20	3.185	2.421	0.76	0.575	3.055	2.322	0.76	0.609	2.964	2.253	0.76	0.622	2.860	2.174	0.76	0.650
28	22	3.315	2.122	0.64	0.595	3.198	2.047	0.64	0.633	3.120	1.997	0.64	0.650	2.990	1.914	0.64	0.677
28	24	3.484	1.812	0.52	0.622	3.354	1.744	0.52	0.657	3.276	1.704	0.52	0.677	3.172	1.649	0.52	0.711
28	26	3.588	1.435	0.40	0.657	3.484	1.394	0.40	0.691	3.432	1.373	0.40	0.711	3.328	1.331	0.40	0.732
29	18	3.055	2.811	0.92	0.547	2.925	2.691	0.92	0.575	2.808	2.583	0.92	0.602	2.704	2.488	0.92	0.629
29	20	3.185	2.548	0.80	0.575	3.055	2.444	0.80	0.609	2.964	2.371	0.80	0.622	2.860	2.288	0.80	0.650
29	22	3.315	2.254	0.68	0.595	3.198	2.175	0.68	0.633	3.120	2.122	0.68	0.650	2.990	2.033	0.68	0.677
29	24	3.484	1.951	0.56	0.622	3.354	1.878	0.56	0.657	3.276	1.835	0.56	0.677	3.172	1.776	0.56	0.711
29	26	3.588	1.579	0.44	0.657	3.484	1.533	0.44	0.691	3.432	1.510	0.44	0.711	3.328	1.464	0.44	0.732
30	18	3.055	2.933	0.96	0.547	2.925	2.808	0.96	0.575	2.808	2.696	0.96	0.602	2.704	2.596	0.96	0.629
30	20	3.185	2.675	0.84	0.575	3.055	2.566	0.84	0.609	2.964	2.490	0.84	0.622	2.860	2.402	0.84	0.650
30	22	3.315	2.387	0.72	0.595	3.198	2.303	0.72	0.633	3.120	2.246	0.72	0.650	2.990	2.153	0.72	0.677
30	24	3.484	2.090	0.60	0.622	3.354	2.012	0.60	0.657	3.276	1.966	0.60	0.677	3.172	1.903	0.60	0.711
30	26	3.588	1.722	0.48	0.657	3.484	1.672	0.48	0.691	3.432	1.647	0.48	0.711	3.328	1.597	0.48	0.732
31	18	3.055	3.055	1.00	0.547	2.925	2.925	1.00	0.575	2.808	2.808	1.00	0.602	2.704	2.704	1.00	0.629
31	20	3.185	2.803	0.88	0.575	3.055	2.688	0.88	0.609	2.964	2.608	0.88	0.622	2.860	2.517	0.88	0.650
31	22	3.315	2.519	0.76	0.595	3.198	2.430	0.76	0.633	3.120	2.371	0.76	0.650	2.990	2.272	0.76	0.677
31	24	3.484	2.230	0.64	0.622	3.354	2.147	0.64	0.657	3.276	2.097	0.64	0.677	3.172	2.030	0.64	0.711
31	26	3.588	1.866	0.52	0.657	3.484	1.812	0.52	0.691	3.432	1.785	0.52	0.711	3.328	1.731	0.52	0.732
32	18	3.055	3.055	1.00	0.547	2.925	2.925	1.00	0.575	2.808	2.808	1.00	0.602	2.704	2.704	1.00	0.629
32	20	3.185	2.930	0.92	0.575	3.055	2.811	0.92	0.609	2.964	2.727	0.92	0.622	2.860	2.631	0.92	0.650
32	22	3.315	2.652	0.80	0.595	3.198	2.558	0.80	0.633	3.120	2.496	0.80	0.650	2.990	2.392	0.80	0.677
32	24	3.484	2.369	0.68	0.622	3.354	2.281	0.68	0.657	3.276	2.228	0.68	0.677	3.172	2.157	0.68	0.711
32	26	3.588	2.009	0.56	0.657	3.484	1.951	0.56	0.691	3.432	1.922	0.56	0.711	3.328	1.864	0.56	0.732

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SLZ-M25FA2 / SUZ-KA25VA6
 CAPACITY : 2.600kW INPUT : 0.684kW SHF : 0.78

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.548	1.529	0.60	0.670	2.340	1.404	0.60	0.711	2.158	1.295	0.60	0.739
21	20	2.678	1.285	0.48	0.698	2.496	1.198	0.48	0.732	2.314	1.111	0.48	0.773
22	18	2.548	1.631	0.64	0.670	2.340	1.498	0.64	0.711	2.158	1.381	0.64	0.739
22	20	2.678	1.393	0.52	0.698	2.496	1.298	0.52	0.732	2.314	1.203	0.52	0.773
22	22	2.834	1.134	0.40	0.725	2.652	1.061	0.40	0.766	2.470	0.988	0.40	0.793
23	18	2.548	1.733	0.68	0.670	2.340	1.591	0.68	0.711	2.158	1.467	0.68	0.739
23	20	2.678	1.500	0.56	0.698	2.496	1.398	0.56	0.732	2.314	1.296	0.56	0.773
23	22	2.834	1.247	0.44	0.725	2.652	1.167	0.44	0.766	2.470	1.087	0.44	0.793
24	18	2.548	1.835	0.72	0.670	2.340	1.685	0.72	0.711	2.158	1.554	0.72	0.739
24	20	2.678	1.607	0.60	0.698	2.496	1.498	0.60	0.732	2.314	1.388	0.60	0.773
24	22	2.834	1.360	0.48	0.725	2.652	1.273	0.48	0.766	2.470	1.186	0.48	0.793
24	24	2.990	1.076	0.36	0.752	2.808	1.011	0.36	0.787	2.652	0.955	0.36	0.821
25	20	2.678	1.714	0.64	0.698	2.496	1.597	0.64	0.732	2.314	1.481	0.64	0.773
25	22	2.834	1.474	0.52	0.725	2.652	1.379	0.52	0.766	2.470	1.284	0.52	0.793
25	24	2.990	1.196	0.40	0.752	2.808	1.123	0.40	0.787	2.652	1.061	0.40	0.821
26	18	2.548	2.038	0.80	0.670	2.340	1.872	0.80	0.711	2.158	1.726	0.80	0.739
26	20	2.678	1.821	0.68	0.698	2.496	1.697	0.68	0.732	2.314	1.574	0.68	0.773
26	22	2.834	1.587	0.56	0.725	2.652	1.485	0.56	0.766	2.470	1.383	0.56	0.793
26	24	2.990	1.316	0.44	0.752	2.808	1.236	0.44	0.787	2.652	1.167	0.44	0.821
26	26	3.146	1.007	0.32	0.780	2.964	0.948	0.32	0.814	2.782	0.890	0.32	0.848
27	18	2.548	2.140	0.84	0.670	2.340	1.966	0.84	0.711	2.158	1.813	0.84	0.739
27	20	2.678	1.928	0.72	0.698	2.496	1.797	0.72	0.732	2.314	1.666	0.72	0.773
27	22	2.834	1.700	0.60	0.725	2.652	1.591	0.60	0.766	2.470	1.482	0.60	0.793
27	24	2.990	1.435	0.48	0.752	2.808	1.348	0.48	0.787	2.652	1.273	0.48	0.821
27	26	3.146	1.133	0.36	0.780	2.964	1.067	0.36	0.814	2.782	1.002	0.36	0.848
28	18	2.548	2.242	0.88	0.670	2.340	2.059	0.88	0.711	2.158	1.899	0.88	0.739
28	20	2.678	2.035	0.76	0.698	2.496	1.897	0.76	0.732	2.314	1.759	0.76	0.773
28	22	2.834	1.814	0.64	0.725	2.652	1.697	0.64	0.766	2.470	1.581	0.64	0.793
28	24	2.990	1.555	0.52	0.752	2.808	1.460	0.52	0.787	2.652	1.379	0.52	0.821
28	26	3.146	1.258	0.40	0.780	2.964	1.186	0.40	0.814	2.782	1.113	0.40	0.848
29	18	2.548	2.344	0.92	0.670	2.340	2.153	0.92	0.711	2.158	1.985	0.92	0.739
29	20	2.678	2.142	0.80	0.698	2.496	1.997	0.80	0.732	2.314	1.851	0.80	0.773
29	22	2.834	1.927	0.68	0.725	2.652	1.803	0.68	0.766	2.470	1.680	0.68	0.793
29	24	2.990	1.674	0.56	0.752	2.808	1.572	0.56	0.787	2.652	1.485	0.56	0.821
29	26	3.146	1.384	0.44	0.780	2.964	1.304	0.44	0.814	2.782	1.224	0.44	0.848
30	18	2.548	2.446	0.96	0.670	2.340	2.246	0.96	0.711	2.158	2.072	0.96	0.739
30	20	2.678	2.250	0.84	0.698	2.496	2.097	0.84	0.732	2.314	1.944	0.84	0.773
30	22	2.834	2.040	0.72	0.725	2.652	1.909	0.72	0.766	2.470	1.778	0.72	0.793
30	24	2.990	1.794	0.60	0.752	2.808	1.685	0.60	0.787	2.652	1.591	0.60	0.821
30	26	3.146	1.510	0.48	0.780	2.964	1.423	0.48	0.814	2.782	1.335	0.48	0.848
31	18	2.548	2.548	1.00	0.670	2.340	2.340	1.00	0.711	2.158	2.158	1.00	0.739
31	20	2.678	2.357	0.88	0.698	2.496	2.196	0.88	0.732	2.314	2.036	0.88	0.773
31	22	2.834	2.154	0.76	0.725	2.652	2.016	0.76	0.766	2.470	1.877	0.76	0.793
31	24	2.990	1.914	0.64	0.752	2.808	1.797	0.64	0.787	2.652	1.697	0.64	0.821
31	26	3.146	1.636	0.52	0.780	2.964	1.541	0.52	0.814	2.782	1.447	0.52	0.848
32	18	2.548	2.548	1.00	0.670	2.340	2.340	1.00	0.711	2.158	2.158	1.00	0.739
32	20	2.678	2.464	0.92	0.698	2.496	2.296	0.92	0.732	2.314	2.129	0.92	0.773
32	22	2.834	2.267	0.80	0.725	2.652	2.122	0.80	0.766	2.470	1.976	0.80	0.793
32	24	2.990	2.033	0.68	0.752	2.808	1.909	0.68	0.787	2.652	1.803	0.68	0.821
32	26	3.146	1.762	0.56	0.780	2.964	1.660	0.56	0.814	2.782	1.558	0.56	0.848

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M35FA2 / SUZ-KA35VA6

CAPACITY : 3.500kW INPUT : 0.972kW SHF : 0.72

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.221	0.54	0.778	3.938	2.127	0.54	0.816	3.780	2.041	0.54	0.855	3.640	1.966	0.54	0.894
21	20	4.288	1.801	0.42	0.816	4.113	1.727	0.42	0.865	3.990	1.676	0.42	0.885	3.850	1.617	0.42	0.923
22	18	4.113	2.386	0.58	0.778	3.938	2.284	0.58	0.816	3.780	2.192	0.58	0.855	3.640	2.111	0.58	0.894
22	20	4.288	1.972	0.46	0.816	4.113	1.892	0.46	0.865	3.990	1.835	0.46	0.885	3.850	1.771	0.46	0.923
22	22	4.463	1.517	0.34	0.846	4.305	1.464	0.34	0.899	4.200	1.428	0.34	0.923	4.025	1.369	0.34	0.962
23	18	4.113	2.550	0.62	0.778	3.938	2.442	0.62	0.816	3.780	2.344	0.62	0.855	3.640	2.257	0.62	0.894
23	20	4.288	2.144	0.50	0.816	4.113	2.057	0.50	0.865	3.990	1.995	0.50	0.885	3.850	1.925	0.50	0.923
23	22	4.463	1.696	0.38	0.846	4.305	1.636	0.38	0.899	4.200	1.596	0.38	0.923	4.025	1.530	0.38	0.962
24	18	4.113	2.715	0.66	0.778	3.938	2.599	0.66	0.816	3.780	2.495	0.66	0.855	3.640	2.402	0.66	0.894
24	20	4.288	2.316	0.54	0.816	4.113	2.221	0.54	0.865	3.990	2.155	0.54	0.885	3.850	2.079	0.54	0.923
24	22	4.463	1.874	0.42	0.846	4.305	1.808	0.42	0.899	4.200	1.764	0.42	0.923	4.025	1.691	0.42	0.962
24	24	4.690	1.407	0.30	0.885	4.515	1.355	0.30	0.933	4.410	1.323	0.30	0.962	4.270	1.281	0.30	1.011
25	20	4.288	2.487	0.58	0.816	4.113	2.386	0.58	0.865	3.990	2.314	0.58	0.885	3.850	2.233	0.58	0.923
25	22	4.463	2.053	0.46	0.846	4.305	1.980	0.46	0.899	4.200	1.932	0.46	0.923	4.025	1.852	0.46	0.962
25	24	4.690	1.595	0.34	0.885	4.515	1.535	0.34	0.933	4.410	1.499	0.34	0.962	4.270	1.452	0.34	1.011
26	18	4.113	3.044	0.74	0.778	3.938	2.914	0.74	0.816	3.780	2.797	0.74	0.855	3.640	2.694	0.74	0.894
26	20	4.288	2.659	0.62	0.816	4.113	2.550	0.62	0.865	3.990	2.474	0.62	0.885	3.850	2.387	0.62	0.923
26	22	4.463	2.232	0.50	0.846	4.305	2.153	0.50	0.899	4.200	2.100	0.50	0.923	4.025	2.013	0.50	0.962
26	24	4.690	1.782	0.38	0.885	4.515	1.716	0.38	0.933	4.410	1.676	0.38	0.962	4.270	1.623	0.38	1.011
26	26	4.830	1.256	0.26	0.933	4.690	1.219	0.26	0.982	4.620	1.201	0.26	1.011	4.480	1.165	0.26	1.040
27	18	4.113	3.208	0.78	0.778	3.938	3.072	0.78	0.816	3.780	2.948	0.78	0.855	3.640	2.839	0.78	0.894
27	20	4.288	2.830	0.66	0.816	4.113	2.715	0.66	0.865	3.990	2.633	0.66	0.885	3.850	2.541	0.66	0.923
27	22	4.463	2.410	0.54	0.846	4.305	2.325	0.54	0.899	4.200	2.268	0.54	0.923	4.025	2.174	0.54	0.962
27	24	4.690	1.970	0.42	0.885	4.515	1.896	0.42	0.933	4.410	1.852	0.42	0.962	4.270	1.793	0.42	1.011
27	26	4.830	1.449	0.30	0.933	4.690	1.407	0.30	0.982	4.620	1.386	0.30	1.011	4.480	1.344	0.30	1.040
28	18	4.113	3.373	0.82	0.778	3.938	3.229	0.82	0.816	3.780	3.100	0.82	0.855	3.640	2.985	0.82	0.894
28	20	4.288	3.002	0.70	0.816	4.113	2.879	0.70	0.865	3.990	2.793	0.70	0.885	3.850	2.695	0.70	0.923
28	22	4.463	2.589	0.58	0.846	4.305	2.497	0.58	0.899	4.200	2.436	0.58	0.923	4.025	2.335	0.58	0.962
28	24	4.690	2.157	0.46	0.885	4.515	2.077	0.46	0.933	4.410	2.029	0.46	0.962	4.270	1.964	0.46	1.011
28	26	4.830	1.642	0.34	0.933	4.690	1.595	0.34	0.982	4.620	1.571	0.34	1.011	4.480	1.523	0.34	1.040
29	18	4.113	3.537	0.86	0.778	3.938	3.387	0.86	0.816	3.780	3.251	0.86	0.855	3.640	3.130	0.86	0.894
29	20	4.288	3.173	0.74	0.816	4.113	3.044	0.74	0.865	3.990	2.953	0.74	0.885	3.850	2.849	0.74	0.923
29	22	4.463	2.767	0.62	0.846	4.305	2.669	0.62	0.899	4.200	2.604	0.62	0.923	4.025	2.496	0.62	0.962
29	24	4.690	2.345	0.50	0.885	4.515	2.258	0.50	0.933	4.410	2.205	0.50	0.962	4.270	2.135	0.50	1.011
29	26	4.830	1.835	0.38	0.933	4.690	1.782	0.38	0.982	4.620	1.756	0.38	1.011	4.480	1.702	0.38	1.040
30	18	4.113	3.702	0.90	0.778	3.938	3.544	0.90	0.816	3.780	3.402	0.90	0.855	3.640	3.276	0.90	0.894
30	20	4.288	3.345	0.78	0.816	4.113	3.208	0.78	0.865	3.990	3.112	0.78	0.885	3.850	3.003	0.78	0.923
30	22	4.463	2.946	0.66	0.846	4.305	2.841	0.66	0.899	4.200	2.772	0.66	0.923	4.025	2.657	0.66	0.962
30	24	4.690	2.533	0.54	0.885	4.515	2.438	0.54	0.933	4.410	2.381	0.54	0.962	4.270	2.306	0.54	1.011
30	26	4.830	2.029	0.42	0.933	4.690	1.970	0.42	0.982	4.620	1.940	0.42	1.011	4.480	1.882	0.42	1.040
31	18	4.113	3.866	0.94	0.778	3.938	3.702	0.94	0.816	3.780	3.553	0.94	0.855	3.640	3.422	0.94	0.894
31	20	4.288	3.516	0.82	0.816	4.113	3.373	0.82	0.865	3.990	3.272	0.82	0.885	3.850	3.157	0.82	0.923
31	22	4.463	3.124	0.70	0.846	4.305	3.014	0.70	0.899	4.200	2.940	0.70	0.923	4.025	2.818	0.70	0.962
31	24	4.690	2.720	0.58	0.885	4.515	2.619	0.58	0.933	4.410	2.558	0.58	0.962	4.270	2.477	0.58	1.011
31	26	4.830	2.222	0.46	0.933	4.690	2.157	0.46	0.982	4.620	2.125	0.46	1.011	4.480	2.061	0.46	1.040
32	18	4.113	4.031	0.98	0.778	3.938	3.859	0.98	0.816	3.780	3.704	0.98	0.855	3.640	3.567	0.98	0.894
32	20	4.288	3.688	0.86	0.816	4.113	3.537	0.86	0.865	3.990	3.431	0.86	0.885	3.850	3.311	0.86	0.923
32	22	4.463	3.303	0.74	0.846	4.305	3.186	0.74	0.899	4.200	3.108	0.74	0.923	4.025	2.979	0.74	0.962
32	24	4.690	2.908	0.62	0.885	4.515	2.799	0.62	0.933	4.410	2.734	0.62	0.962	4.270	2.647	0.62	1.011
32	26	4.830	2.415	0.50	0.933	4.690	2.345	0.50	0.982	4.620	2.310	0.50	1.011	4.480	2.240	0.50	1.040

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SLZ-M35FA2 / SUZ-KA35VA6
 CAPACITY : 3.500kW INPUT : 0.972kW SHF : 0.72

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	1.852	0.54	0.953	3.150	1.701	0.54	1.011	2.905	1.569	0.54	1.050
21	20	3.605	1.514	0.42	0.991	3.360	1.411	0.42	1.040	3.115	1.308	0.42	1.098
22	18	3.430	1.989	0.58	0.953	3.150	1.827	0.58	1.011	2.905	1.685	0.58	1.050
22	20	3.605	1.658	0.46	0.991	3.360	1.546	0.46	1.040	3.115	1.433	0.46	1.098
22	22	3.815	1.297	0.34	1.030	3.570	1.214	0.34	1.089	3.325	1.131	0.34	1.128
23	18	3.430	2.127	0.62	0.953	3.150	1.953	0.62	1.011	2.905	1.801	0.62	1.050
23	20	3.605	1.803	0.50	0.991	3.360	1.680	0.50	1.040	3.115	1.558	0.50	1.098
23	22	3.815	1.450	0.38	1.030	3.570	1.357	0.38	1.089	3.325	1.264	0.38	1.128
24	18	3.430	2.264	0.66	0.953	3.150	2.079	0.66	1.011	2.905	1.917	0.66	1.050
24	20	3.605	1.947	0.54	0.991	3.360	1.814	0.54	1.040	3.115	1.682	0.54	1.098
24	22	3.815	1.602	0.42	1.030	3.570	1.499	0.42	1.089	3.325	1.397	0.42	1.128
24	24	4.025	1.208	0.30	1.069	3.780	1.134	0.30	1.118	3.570	1.071	0.30	1.166
25	20	3.605	2.091	0.58	0.991	3.360	1.949	0.58	1.040	3.115	1.807	0.58	1.098
25	22	3.815	1.755	0.46	1.030	3.570	1.642	0.46	1.089	3.325	1.530	0.46	1.128
25	24	4.025	1.369	0.34	1.069	3.780	1.285	0.34	1.118	3.570	1.214	0.34	1.166
26	18	3.430	2.538	0.74	0.953	3.150	2.331	0.74	1.011	2.905	2.150	0.74	1.050
26	20	3.605	2.235	0.62	0.991	3.360	2.083	0.62	1.040	3.115	1.931	0.62	1.098
26	22	3.815	1.908	0.50	1.030	3.570	1.785	0.50	1.089	3.325	1.663	0.50	1.128
26	24	4.025	1.530	0.38	1.069	3.780	1.436	0.38	1.118	3.570	1.357	0.38	1.166
26	26	4.235	1.101	0.26	1.108	3.990	1.037	0.26	1.157	3.745	0.974	0.26	1.205
27	18	3.430	2.675	0.78	0.953	3.150	2.457	0.78	1.011	2.905	2.266	0.78	1.050
27	20	3.605	2.379	0.66	0.991	3.360	2.218	0.66	1.040	3.115	2.056	0.66	1.098
27	22	3.815	2.060	0.54	1.030	3.570	1.928	0.54	1.089	3.325	1.796	0.54	1.128
27	24	4.025	1.691	0.42	1.069	3.780	1.588	0.42	1.118	3.570	1.499	0.42	1.166
27	26	4.235	1.271	0.30	1.108	3.990	1.197	0.30	1.157	3.745	1.124	0.30	1.205
28	18	3.430	2.813	0.82	0.953	3.150	2.583	0.82	1.011	2.905	2.382	0.82	1.050
28	20	3.605	2.524	0.70	0.991	3.360	2.352	0.70	1.040	3.115	2.181	0.70	1.098
28	22	3.815	2.213	0.58	1.030	3.570	2.071	0.58	1.089	3.325	1.929	0.58	1.128
28	24	4.025	1.852	0.46	1.069	3.780	1.739	0.46	1.118	3.570	1.642	0.46	1.166
28	26	4.235	1.440	0.34	1.108	3.990	1.357	0.34	1.157	3.745	1.273	0.34	1.205
29	18	3.430	2.950	0.86	0.953	3.150	2.709	0.86	1.011	2.905	2.498	0.86	1.050
29	20	3.605	2.668	0.74	0.991	3.360	2.486	0.74	1.040	3.115	2.305	0.74	1.098
29	22	3.815	2.365	0.62	1.030	3.570	2.213	0.62	1.089	3.325	2.062	0.62	1.128
29	24	4.025	2.013	0.50	1.069	3.780	1.890	0.50	1.118	3.570	1.785	0.50	1.166
29	26	4.235	1.609	0.38	1.108	3.990	1.516	0.38	1.157	3.745	1.423	0.38	1.205
30	18	3.430	3.087	0.90	0.953	3.150	2.835	0.90	1.011	2.905	2.615	0.90	1.050
30	20	3.605	2.812	0.78	0.991	3.360	2.621	0.78	1.040	3.115	2.430	0.78	1.098
30	22	3.815	2.518	0.66	1.030	3.570	2.356	0.66	1.089	3.325	2.195	0.66	1.128
30	24	4.025	2.174	0.54	1.069	3.780	2.041	0.54	1.118	3.570	1.928	0.54	1.166
30	26	4.235	1.779	0.42	1.108	3.990	1.676	0.42	1.157	3.745	1.573	0.42	1.205
31	18	3.430	3.224	0.94	0.953	3.150	2.961	0.94	1.011	2.905	2.731	0.94	1.050
31	20	3.605	2.956	0.82	0.991	3.360	2.755	0.82	1.040	3.115	2.554	0.82	1.098
31	22	3.815	2.671	0.70	1.030	3.570	2.499	0.70	1.089	3.325	2.328	0.70	1.128
31	24	4.025	2.335	0.58	1.069	3.780	2.192	0.58	1.118	3.570	2.071	0.58	1.166
31	26	4.235	1.948	0.46	1.108	3.990	1.835	0.46	1.157	3.745	1.723	0.46	1.205
32	18	3.430	3.361	0.98	0.953	3.150	3.087	0.98	1.011	2.905	2.847	0.98	1.050
32	20	3.605	3.100	0.86	0.991	3.360	2.890	0.86	1.040	3.115	2.679	0.86	1.098
32	22	3.815	2.823	0.74	1.030	3.570	2.642	0.74	1.089	3.325	2.461	0.74	1.128
32	24	4.025	2.496	0.62	1.069	3.780	2.344	0.62	1.118	3.570	2.213	0.62	1.166
32	26	4.235	2.118	0.50	1.108	3.990	1.995	0.50	1.157	3.745	1.873	0.50	1.205

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M50FA2 / SUZ-KA50VA6

CAPACITY : 4.600kW INPUT :1.394kW SHF : 0.68

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
		DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)
21	18	5.405	2.703	0.50	1.115	5.175	2.588	0.50	1.171	4.968	2.484	0.50	1.227	4.784	2.392	0.50	1.282
21	20	5.635	2.141	0.38	1.171	5.405	2.054	0.38	1.241	5.244	1.993	0.38	1.269	5.060	1.923	0.38	1.324
22	18	5.405	2.919	0.54	1.115	5.175	2.795	0.54	1.171	4.968	2.683	0.54	1.227	4.784	2.583	0.54	1.282
22	20	5.635	2.367	0.42	1.171	5.405	2.270	0.42	1.241	5.244	2.202	0.42	1.269	5.060	2.125	0.42	1.324
22	22	5.865	1.760	0.30	1.213	5.658	1.697	0.30	1.289	5.520	1.656	0.30	1.324	5.290	1.587	0.30	1.380
23	18	5.405	3.135	0.58	1.115	5.175	3.002	0.58	1.171	4.968	2.881	0.58	1.227	4.784	2.775	0.58	1.282
23	20	5.635	2.592	0.46	1.171	5.405	2.486	0.46	1.241	5.244	2.412	0.46	1.269	5.060	2.328	0.46	1.324
23	22	5.865	1.994	0.34	1.213	5.658	1.924	0.34	1.289	5.520	1.877	0.34	1.324	5.290	1.799	0.34	1.380
24	18	5.405	3.351	0.62	1.115	5.175	3.209	0.62	1.171	4.968	3.080	0.62	1.227	4.784	2.966	0.62	1.282
24	20	5.635	2.818	0.50	1.171	5.405	2.703	0.50	1.241	5.244	2.622	0.50	1.269	5.060	2.530	0.50	1.324
24	22	5.865	2.229	0.38	1.213	5.658	2.150	0.38	1.289	5.520	2.098	0.38	1.324	5.290	2.010	0.38	1.380
24	24	6.164	1.603	0.26	1.269	5.934	1.543	0.26	1.338	5.796	1.507	0.26	1.380	5.612	1.459	0.26	1.450
25	20	5.635	3.043	0.54	1.171	5.405	2.919	0.54	1.241	5.244	2.832	0.54	1.269	5.060	2.732	0.54	1.324
25	22	5.865	2.463	0.42	1.213	5.658	2.376	0.42	1.289	5.520	2.318	0.42	1.324	5.290	2.222	0.42	1.380
25	24	6.164	1.849	0.30	1.269	5.934	1.780	0.30	1.338	5.796	1.739	0.30	1.380	5.612	1.684	0.30	1.450
26	18	5.405	3.784	0.70	1.115	5.175	3.623	0.70	1.171	4.968	3.478	0.70	1.227	4.784	3.349	0.70	1.282
26	20	5.635	3.268	0.58	1.171	5.405	3.135	0.58	1.241	5.244	3.042	0.58	1.269	5.060	2.935	0.58	1.324
26	22	5.865	2.698	0.46	1.213	5.658	2.603	0.46	1.289	5.520	2.539	0.46	1.324	5.290	2.433	0.46	1.380
26	24	6.164	2.096	0.34	1.269	5.934	2.018	0.34	1.338	5.796	1.971	0.34	1.380	5.612	1.908	0.34	1.450
26	26	6.348	1.397	0.22	1.338	6.164	1.356	0.22	1.408	6.072	1.336	0.22	1.450	5.888	1.295	0.22	1.492
27	18	5.405	4.000	0.74	1.115	5.175	3.830	0.74	1.171	4.968	3.676	0.74	1.227	4.784	3.540	0.74	1.282
27	20	5.635	3.494	0.62	1.171	5.405	3.351	0.62	1.241	5.244	3.251	0.62	1.269	5.060	3.137	0.62	1.324
27	22	5.865	2.933	0.50	1.213	5.658	2.829	0.50	1.289	5.520	2.760	0.50	1.324	5.290	2.645	0.50	1.380
27	24	6.164	2.342	0.38	1.269	5.934	2.255	0.38	1.338	5.796	2.202	0.38	1.380	5.612	2.133	0.38	1.450
27	26	6.348	1.650	0.26	1.338	6.164	1.603	0.26	1.408	6.072	1.579	0.26	1.450	5.888	1.531	0.26	1.492
28	18	5.405	4.216	0.78	1.115	5.175	4.037	0.78	1.171	4.968	3.875	0.78	1.227	4.784	3.732	0.78	1.282
28	20	5.635	3.719	0.66	1.171	5.405	3.567	0.66	1.241	5.244	3.461	0.66	1.269	5.060	3.340	0.66	1.324
28	22	5.865	3.167	0.54	1.213	5.658	3.055	0.54	1.289	5.520	2.981	0.54	1.324	5.290	2.857	0.54	1.380
28	24	6.164	2.589	0.42	1.269	5.934	2.492	0.42	1.338	5.796	2.434	0.42	1.380	5.612	2.357	0.42	1.450
28	26	6.348	1.904	0.30	1.338	6.164	1.849	0.30	1.408	6.072	1.822	0.30	1.450	5.888	1.766	0.30	1.492
29	18	5.405	4.432	0.82	1.115	5.175	4.244	0.82	1.171	4.968	4.074	0.82	1.227	4.784	3.923	0.82	1.282
29	20	5.635	3.945	0.70	1.171	5.405	3.784	0.70	1.241	5.244	3.671	0.70	1.269	5.060	3.542	0.70	1.324
29	22	5.865	3.402	0.58	1.213	5.658	3.282	0.58	1.289	5.520	3.202	0.58	1.324	5.290	3.068	0.58	1.380
29	24	6.164	2.835	0.46	1.269	5.934	2.730	0.46	1.338	5.796	2.666	0.46	1.380	5.612	2.582	0.46	1.450
29	26	6.348	2.158	0.34	1.338	6.164	2.096	0.34	1.408	6.072	2.064	0.34	1.450	5.888	2.002	0.34	1.492
30	18	5.405	4.648	0.86	1.115	5.175	4.451	0.86	1.171	4.968	4.272	0.86	1.227	4.784	4.114	0.86	1.282
30	20	5.635	4.170	0.74	1.171	5.405	4.000	0.74	1.241	5.244	3.881	0.74	1.269	5.060	3.744	0.74	1.324
30	22	5.865	3.636	0.62	1.213	5.658	3.508	0.62	1.289	5.520	3.422	0.62	1.324	5.290	3.280	0.62	1.380
30	24	6.164	3.082	0.50	1.269	5.934	2.967	0.50	1.338	5.796	2.898	0.50	1.380	5.612	2.806	0.50	1.450
30	26	6.348	2.412	0.38	1.338	6.164	2.342	0.38	1.408	6.072	2.307	0.38	1.450	5.888	2.237	0.38	1.492
31	18	5.405	4.865	0.90	1.115	5.175	4.658	0.90	1.171	4.968	4.471	0.90	1.227	4.784	4.306	0.90	1.282
31	20	5.635	4.395	0.78	1.171	5.405	4.216	0.78	1.241	5.244	4.090	0.78	1.269	5.060	3.947	0.78	1.324
31	22	5.865	3.871	0.66	1.213	5.658	3.734	0.66	1.289	5.520	3.643	0.66	1.324	5.290	3.491	0.66	1.380
31	24	6.164	3.329	0.54	1.269	5.934	3.204	0.54	1.338	5.796	3.130	0.54	1.380	5.612	3.030	0.54	1.450
31	26	6.348	2.666	0.42	1.338	6.164	2.589	0.42	1.408	6.072	2.550	0.42	1.450	5.888	2.473	0.42	1.492
32	18	5.405	5.081	0.94	1.115	5.175	4.865	0.94	1.171	4.968	4.670	0.94	1.227	4.784	4.497	0.94	1.282
32	20	5.635	4.621	0.82	1.171	5.405	4.432	0.82	1.241	5.244	4.300	0.82	1.269	5.060	4.149	0.82	1.324
32	22	5.865	4.106	0.70	1.213	5.658	3.961	0.70	1.289	5.520	3.864	0.70	1.324	5.290	3.703	0.70	1.380
32	24	6.164	3.575	0.58	1.269	5.934	3.442	0.58	1.338	5.796	3.362	0.58	1.380	5.612	3.255	0.58	1.450
32	26	6.348	2.920	0.46	1.338	6.164	2.835	0.46	1.408	6.072	2.793	0.46	1.450	5.888	2.708	0.46	1.492

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SLZ-M50FA2 / SUZ-KA50VA6
 CAPACITY : 4.600kW INPUT :1.394kW SHF : 0.68

		OUTDOOR DB(°C)											
		35				40				46			
INDOOR DB(°C)	INDOOR WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.508	2.254	0.50	1.366	4.140	2.070	0.50	1.450	3.818	1.909	0.50	1.506
21	20	4.738	1.800	0.38	1.422	4.416	1.678	0.38	1.492	4.094	1.556	0.38	1.575
22	18	4.508	2.434	0.54	1.366	4.140	2.236	0.54	1.450	3.818	2.062	0.54	1.506
22	20	4.738	1.990	0.42	1.422	4.416	1.855	0.42	1.492	4.094	1.719	0.42	1.575
22	22	5.014	1.504	0.30	1.478	4.692	1.408	0.30	1.561	4.370	1.311	0.30	1.617
23	18	4.508	2.615	0.58	1.366	4.140	2.401	0.58	1.450	3.818	2.214	0.58	1.506
23	20	4.738	2.179	0.46	1.422	4.416	2.031	0.46	1.492	4.094	1.883	0.46	1.575
23	22	5.014	1.705	0.34	1.478	4.692	1.595	0.34	1.561	4.370	1.486	0.34	1.617
24	18	4.508	2.795	0.62	1.366	4.140	2.567	0.62	1.450	3.818	2.367	0.62	1.506
24	20	4.738	2.369	0.50	1.422	4.416	2.208	0.50	1.492	4.094	2.047	0.50	1.575
24	22	5.014	1.905	0.38	1.478	4.692	1.783	0.38	1.561	4.370	1.661	0.38	1.617
24	24	5.290	1.375	0.26	1.533	4.968	1.292	0.26	1.603	4.692	1.220	0.26	1.673
25	20	4.738	2.559	0.54	1.422	4.416	2.385	0.54	1.492	4.094	2.211	0.54	1.575
25	22	5.014	2.106	0.42	1.478	4.692	1.971	0.42	1.561	4.370	1.835	0.42	1.617
25	24	5.290	1.587	0.30	1.533	4.968	1.490	0.30	1.603	4.692	1.408	0.30	1.673
26	18	4.508	3.156	0.70	1.366	4.140	2.898	0.70	1.450	3.818	2.673	0.70	1.506
26	20	4.738	2.748	0.58	1.422	4.416	2.561	0.58	1.492	4.094	2.375	0.58	1.575
26	22	5.014	2.306	0.46	1.478	4.692	2.158	0.46	1.561	4.370	2.010	0.46	1.617
26	24	5.290	1.799	0.34	1.533	4.968	1.689	0.34	1.603	4.692	1.595	0.34	1.673
26	26	5.566	1.225	0.22	1.589	5.244	1.154	0.22	1.659	4.922	1.083	0.22	1.729
27	18	4.508	3.336	0.74	1.366	4.140	3.064	0.74	1.450	3.818	2.825	0.74	1.506
27	20	4.738	2.938	0.62	1.422	4.416	2.738	0.62	1.492	4.094	2.538	0.62	1.575
27	22	5.014	2.507	0.50	1.478	4.692	2.346	0.50	1.561	4.370	2.185	0.50	1.617
27	24	5.290	2.010	0.38	1.533	4.968	1.888	0.38	1.603	4.692	1.783	0.38	1.673
27	26	5.566	1.447	0.26	1.589	5.244	1.363	0.26	1.659	4.922	1.280	0.26	1.729
28	18	4.508	3.516	0.78	1.366	4.140	3.229	0.78	1.450	3.818	2.978	0.78	1.506
28	20	4.738	3.127	0.66	1.422	4.416	2.915	0.66	1.492	4.094	2.702	0.66	1.575
28	22	5.014	2.708	0.54	1.478	4.692	2.534	0.54	1.561	4.370	2.360	0.54	1.617
28	24	5.290	2.222	0.42	1.533	4.968	2.087	0.42	1.603	4.692	1.971	0.42	1.673
28	26	5.566	1.670	0.30	1.589	5.244	1.573	0.30	1.659	4.922	1.477	0.30	1.729
29	18	4.508	3.697	0.82	1.366	4.140	3.395	0.82	1.450	3.818	3.131	0.82	1.506
29	20	4.738	3.317	0.70	1.422	4.416	3.091	0.70	1.492	4.094	2.866	0.70	1.575
29	22	5.014	2.908	0.58	1.478	4.692	2.721	0.58	1.561	4.370	2.535	0.58	1.617
29	24	5.290	2.433	0.46	1.533	4.968	2.285	0.46	1.603	4.692	2.158	0.46	1.673
29	26	5.566	1.892	0.34	1.589	5.244	1.783	0.34	1.659	4.922	1.673	0.34	1.729
30	18	4.508	3.877	0.86	1.366	4.140	3.560	0.86	1.450	3.818	3.283	0.86	1.506
30	20	4.738	3.506	0.74	1.422	4.416	3.268	0.74	1.492	4.094	3.030	0.74	1.575
30	22	5.014	3.109	0.62	1.478	4.692	2.909	0.62	1.561	4.370	2.709	0.62	1.617
30	24	5.290	2.645	0.50	1.533	4.968	2.484	0.50	1.603	4.692	2.346	0.50	1.673
30	26	5.566	2.115	0.38	1.589	5.244	1.993	0.38	1.659	4.922	1.870	0.38	1.729
31	18	4.508	4.057	0.90	1.366	4.140	3.726	0.90	1.450	3.818	3.436	0.90	1.506
31	20	4.738	3.696	0.78	1.422	4.416	3.444	0.78	1.492	4.094	3.193	0.78	1.575
31	22	5.014	3.309	0.66	1.478	4.692	3.097	0.66	1.561	4.370	2.884	0.66	1.617
31	24	5.290	2.857	0.54	1.533	4.968	2.683	0.54	1.603	4.692	2.534	0.54	1.673
31	26	5.566	2.338	0.42	1.589	5.244	2.202	0.42	1.659	4.922	2.067	0.42	1.729
32	18	4.508	4.238	0.94	1.366	4.140	3.892	0.94	1.450	3.818	3.589	0.94	1.506
32	20	4.738	3.885	0.82	1.422	4.416	3.621	0.82	1.492	4.094	3.357	0.82	1.575
32	22	5.014	3.510	0.70	1.478	4.692	3.284	0.70	1.561	4.370	3.059	0.70	1.617
32	24	5.290	3.068	0.58	1.533	4.968	2.881	0.58	1.603	4.692	2.721	0.58	1.673
32	26	5.566	2.560	0.46	1.589	5.244	2.412	0.46	1.659	4.922	2.264	0.46	1.729

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SLZ-M60FA2 / SUZ-KA60VA6

CAPACITY : 5.600kW INPUT :1.767kW SHF : 0.68

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
		DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)
21	18	6.580	3.290	0.50	1.414	6.300	3.150	0.50	1.484	6.048	3.024	0.50	1.555	5.824	2.912	0.50	1.626
21	20	6.860	2.607	0.38	1.484	6.580	2.500	0.38	1.573	6.384	2.426	0.38	1.608	6.160	2.341	0.38	1.679
22	18	6.580	3.553	0.54	1.414	6.300	3.402	0.54	1.484	6.048	3.266	0.54	1.555	5.824	3.145	0.54	1.626
22	20	6.860	2.881	0.42	1.484	6.580	2.764	0.42	1.573	6.384	2.681	0.42	1.608	6.160	2.587	0.42	1.679
22	22	7.140	2.142	0.30	1.537	6.888	2.066	0.30	1.634	6.720	2.016	0.30	1.679	6.440	1.932	0.30	1.749
23	18	6.580	3.816	0.58	1.414	6.300	3.654	0.58	1.484	6.048	3.508	0.58	1.555	5.824	3.378	0.58	1.626
23	20	6.860	3.156	0.46	1.484	6.580	3.027	0.46	1.573	6.384	2.937	0.46	1.608	6.160	2.834	0.46	1.679
23	22	7.140	2.428	0.34	1.537	6.888	2.342	0.34	1.634	6.720	2.285	0.34	1.679	6.440	2.190	0.34	1.749
24	18	6.580	4.080	0.62	1.414	6.300	3.906	0.62	1.484	6.048	3.750	0.62	1.555	5.824	3.611	0.62	1.626
24	20	6.860	3.430	0.50	1.484	6.580	3.290	0.50	1.573	6.384	3.192	0.50	1.608	6.160	3.080	0.50	1.679
24	22	7.140	2.713	0.38	1.537	6.888	2.617	0.38	1.634	6.720	2.554	0.38	1.679	6.440	2.447	0.38	1.749
24	24	7.504	1.951	0.26	1.608	7.224	1.878	0.26	1.696	7.056	1.835	0.26	1.749	6.832	1.776	0.26	1.838
25	20	6.860	3.704	0.54	1.484	6.580	3.553	0.54	1.573	6.384	3.447	0.54	1.608	6.160	3.326	0.54	1.679
25	22	7.140	2.999	0.42	1.537	6.888	2.893	0.42	1.634	6.720	2.822	0.42	1.679	6.440	2.705	0.42	1.749
25	24	7.504	2.251	0.30	1.608	7.224	2.167	0.30	1.696	7.056	2.117	0.30	1.749	6.832	2.050	0.30	1.838
26	18	6.580	4.606	0.70	1.414	6.300	4.410	0.70	1.484	6.048	4.234	0.70	1.555	5.824	4.077	0.70	1.626
26	20	6.860	3.979	0.58	1.484	6.580	3.816	0.58	1.573	6.384	3.703	0.58	1.608	6.160	3.573	0.58	1.679
26	22	7.140	3.284	0.46	1.537	6.888	3.168	0.46	1.634	6.720	3.091	0.46	1.679	6.440	2.962	0.46	1.749
26	24	7.504	2.551	0.34	1.608	7.224	2.456	0.34	1.696	7.056	2.399	0.34	1.749	6.832	2.323	0.34	1.838
26	26	7.728	1.700	0.22	1.696	7.504	1.651	0.22	1.785	7.392	1.626	0.22	1.838	7.168	1.577	0.22	1.891
27	18	6.580	4.869	0.74	1.414	6.300	4.662	0.74	1.484	6.048	4.476	0.74	1.555	5.824	4.310	0.74	1.626
27	20	6.860	4.253	0.62	1.484	6.580	4.080	0.62	1.573	6.384	3.958	0.62	1.608	6.160	3.819	0.62	1.679
27	22	7.140	3.570	0.50	1.537	6.888	3.444	0.50	1.634	6.720	3.360	0.50	1.679	6.440	3.220	0.50	1.749
27	24	7.504	2.852	0.38	1.608	7.224	2.745	0.38	1.696	7.056	2.681	0.38	1.749	6.832	2.596	0.38	1.838
27	26	7.728	2.009	0.26	1.696	7.504	1.951	0.26	1.785	7.392	1.922	0.26	1.838	7.168	1.864	0.26	1.891
28	18	6.580	5.132	0.78	1.414	6.300	4.914	0.78	1.484	6.048	4.717	0.78	1.555	5.824	4.543	0.78	1.626
28	20	6.860	4.528	0.66	1.484	6.580	4.343	0.66	1.573	6.384	4.213	0.66	1.608	6.160	4.066	0.66	1.679
28	22	7.140	3.856	0.54	1.537	6.888	3.720	0.54	1.634	6.720	3.629	0.54	1.679	6.440	3.478	0.54	1.749
28	24	7.504	3.152	0.42	1.608	7.224	3.034	0.42	1.696	7.056	2.964	0.42	1.749	6.832	2.869	0.42	1.838
28	26	7.728	2.318	0.30	1.696	7.504	2.251	0.30	1.785	7.392	2.218	0.30	1.838	7.168	2.150	0.30	1.891
29	18	6.580	5.396	0.82	1.414	6.300	5.166	0.82	1.484	6.048	4.959	0.82	1.555	5.824	4.776	0.82	1.626
29	20	6.860	4.802	0.70	1.484	6.580	4.606	0.70	1.573	6.384	4.469	0.70	1.608	6.160	4.312	0.70	1.679
29	22	7.140	4.141	0.58	1.537	6.888	3.995	0.58	1.634	6.720	3.898	0.58	1.679	6.440	3.735	0.58	1.749
29	24	7.504	3.452	0.46	1.608	7.224	3.323	0.46	1.696	7.056	3.246	0.46	1.749	6.832	3.143	0.46	1.838
29	26	7.728	2.628	0.34	1.696	7.504	2.551	0.34	1.785	7.392	2.513	0.34	1.838	7.168	2.437	0.34	1.891
30	18	6.580	5.659	0.86	1.414	6.300	5.418	0.86	1.484	6.048	5.201	0.86	1.555	5.824	5.009	0.86	1.626
30	20	6.860	5.076	0.74	1.484	6.580	4.869	0.74	1.573	6.384	4.724	0.74	1.608	6.160	4.558	0.74	1.679
30	22	7.140	4.427	0.62	1.537	6.888	4.271	0.62	1.634	6.720	4.166	0.62	1.679	6.440	3.993	0.62	1.749
30	24	7.504	3.752	0.50	1.608	7.224	3.612	0.50	1.696	7.056	3.528	0.50	1.749	6.832	3.416	0.50	1.838
30	26	7.728	2.937	0.38	1.696	7.504	2.852	0.38	1.785	7.392	2.809	0.38	1.838	7.168	2.724	0.38	1.891
31	18	6.580	5.922	0.90	1.414	6.300	5.670	0.90	1.484	6.048	5.443	0.90	1.555	5.824	5.242	0.90	1.626
31	20	6.860	5.351	0.78	1.484	6.580	5.132	0.78	1.573	6.384	4.980	0.78	1.608	6.160	4.805	0.78	1.679
31	22	7.140	4.712	0.66	1.537	6.888	4.546	0.66	1.634	6.720	4.435	0.66	1.679	6.440	4.250	0.66	1.749
31	24	7.504	4.052	0.54	1.608	7.224	3.901	0.54	1.696	7.056	3.810	0.54	1.749	6.832	3.689	0.54	1.838
31	26	7.728	3.246	0.42	1.696	7.504	3.152	0.42	1.785	7.392	3.105	0.42	1.838	7.168	3.011	0.42	1.891
32	18	6.580	6.185	0.94	1.414	6.300	5.922	0.94	1.484	6.048	5.685	0.94	1.555	5.824	5.475	0.94	1.626
32	20	6.860	5.625	0.82	1.484	6.580	5.396	0.82	1.573	6.384	5.235	0.82	1.608	6.160	5.051	0.82	1.679
32	22	7.140	4.998	0.70	1.537	6.888	4.822	0.70	1.634	6.720	4.704	0.70	1.679	6.440	4.508	0.70	1.749
32	24	7.504	4.352	0.58	1.608	7.224	4.190	0.58	1.696	7.056	4.092	0.58	1.749	6.832	3.963	0.58	1.838
32	26	7.728	3.555	0.46	1.696	7.504	3.452	0.46	1.785	7.392	3.400	0.46	1.838	7.168	3.297	0.46	1.891

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SLZ-M60FA2 / SUZ-KA60VA6

CAPACITY : 5.600kW INPUT :1.767kW SHF : 0.68

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.488	2.744	0.50	1.732	5.040	2.520	0.50	1.838	4.648	2.324	0.50	1.908
21	20	5.768	2.192	0.38	1.802	5.376	2.043	0.38	1.891	4.984	1.894	0.38	1.997
22	18	5.488	2.964	0.54	1.732	5.040	2.722	0.54	1.838	4.648	2.510	0.54	1.908
22	20	5.768	2.423	0.42	1.802	5.376	2.258	0.42	1.891	4.984	2.093	0.42	1.997
22	22	6.104	1.831	0.30	1.873	5.712	1.714	0.30	1.979	5.320	1.596	0.30	2.050
23	18	5.488	3.183	0.58	1.732	5.040	2.923	0.58	1.838	4.648	2.696	0.58	1.908
23	20	5.768	2.653	0.46	1.802	5.376	2.473	0.46	1.891	4.984	2.293	0.46	1.997
23	22	6.104	2.075	0.34	1.873	5.712	1.942	0.34	1.979	5.320	1.809	0.34	2.050
24	18	5.488	3.403	0.62	1.732	5.040	3.125	0.62	1.838	4.648	2.882	0.62	1.908
24	20	5.768	2.884	0.50	1.802	5.376	2.688	0.50	1.891	4.984	2.492	0.50	1.997
24	22	6.104	2.320	0.38	1.873	5.712	2.171	0.38	1.979	5.320	2.022	0.38	2.050
24	24	6.440	1.674	0.26	1.944	6.048	1.572	0.26	2.032	5.712	1.485	0.26	2.120
25	20	5.768	3.115	0.54	1.802	5.376	2.903	0.54	1.891	4.984	2.691	0.54	1.997
25	22	6.104	2.564	0.42	1.873	5.712	2.399	0.42	1.979	5.320	2.234	0.42	2.050
25	24	6.440	1.932	0.30	1.944	6.048	1.814	0.30	2.032	5.712	1.714	0.30	2.120
26	18	5.488	3.842	0.70	1.732	5.040	3.528	0.70	1.838	4.648	3.254	0.70	1.908
26	20	5.768	3.345	0.58	1.802	5.376	3.118	0.58	1.891	4.984	2.891	0.58	1.997
26	22	6.104	2.808	0.46	1.873	5.712	2.628	0.46	1.979	5.320	2.447	0.46	2.050
26	24	6.440	2.190	0.34	1.944	6.048	2.056	0.34	2.032	5.712	1.942	0.34	2.120
26	26	6.776	1.491	0.22	2.014	6.384	1.404	0.22	2.103	5.992	1.318	0.22	2.191
27	18	5.488	4.061	0.74	1.732	5.040	3.730	0.74	1.838	4.648	3.440	0.74	1.908
27	20	5.768	3.576	0.62	1.802	5.376	3.333	0.62	1.891	4.984	3.090	0.62	1.997
27	22	6.104	3.052	0.50	1.873	5.712	2.856	0.50	1.979	5.320	2.660	0.50	2.050
27	24	6.440	2.447	0.38	1.944	6.048	2.298	0.38	2.032	5.712	2.171	0.38	2.120
27	26	6.776	1.762	0.26	2.014	6.384	1.660	0.26	2.103	5.992	1.558	0.26	2.191
28	18	5.488	4.281	0.78	1.732	5.040	3.931	0.78	1.838	4.648	3.625	0.78	1.908
28	20	5.768	3.807	0.66	1.802	5.376	3.548	0.66	1.891	4.984	3.289	0.66	1.997
28	22	6.104	3.296	0.54	1.873	5.712	3.084	0.54	1.979	5.320	2.873	0.54	2.050
28	24	6.440	2.705	0.42	1.944	6.048	2.540	0.42	2.032	5.712	2.399	0.42	2.120
28	26	6.776	2.033	0.30	2.014	6.384	1.915	0.30	2.103	5.992	1.798	0.30	2.191
29	18	5.488	4.500	0.82	1.732	5.040	4.133	0.82	1.838	4.648	3.811	0.82	1.908
29	20	5.768	4.038	0.70	1.802	5.376	3.763	0.70	1.891	4.984	3.489	0.70	1.997
29	22	6.104	3.540	0.58	1.873	5.712	3.313	0.58	1.979	5.320	3.086	0.58	2.050
29	24	6.440	2.962	0.46	1.944	6.048	2.782	0.46	2.032	5.712	2.628	0.46	2.120
29	26	6.776	2.304	0.34	2.014	6.384	2.171	0.34	2.103	5.992	2.037	0.34	2.191
30	18	5.488	4.720	0.86	1.732	5.040	4.334	0.86	1.838	4.648	3.997	0.86	1.908
30	20	5.768	4.268	0.74	1.802	5.376	3.978	0.74	1.891	4.984	3.688	0.74	1.997
30	22	6.104	3.784	0.62	1.873	5.712	3.541	0.62	1.979	5.320	3.298	0.62	2.050
30	24	6.440	3.220	0.50	1.944	6.048	3.024	0.50	2.032	5.712	2.856	0.50	2.120
30	26	6.776	2.575	0.38	2.014	6.384	2.426	0.38	2.103	5.992	2.277	0.38	2.191
31	18	5.488	4.939	0.90	1.732	5.040	4.536	0.90	1.838	4.648	4.183	0.90	1.908
31	20	5.768	4.499	0.78	1.802	5.376	4.193	0.78	1.891	4.984	3.888	0.78	1.997
31	22	6.104	4.029	0.66	1.873	5.712	3.770	0.66	1.979	5.320	3.511	0.66	2.050
31	24	6.440	3.478	0.54	1.944	6.048	3.266	0.54	2.032	5.712	3.084	0.54	2.120
31	26	6.776	2.846	0.42	2.014	6.384	2.681	0.42	2.103	5.992	2.517	0.42	2.191
32	18	5.488	5.159	0.94	1.732	5.040	4.738	0.94	1.838	4.648	4.369	0.94	1.908
32	20	5.768	4.730	0.82	1.802	5.376	4.408	0.82	1.891	4.984	4.087	0.82	1.997
32	22	6.104	4.273	0.70	1.873	5.712	3.998	0.70	1.979	5.320	3.724	0.70	2.050
32	24	6.440	3.735	0.58	1.944	6.048	3.508	0.58	2.032	5.712	3.313	0.58	2.120
32	26	6.776	3.117	0.46	2.014	6.384	2.937	0.46	2.103	5.992	2.756	0.46	2.191

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING operation**SLZ-M25FA2 / SUZ-KA25VA6 at Rated frequency**

CAPACITY : 3.200kW INPUT : 0.886kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.600	0.461	2.016	0.576	2.432	0.691	2.848	0.780	3.264	0.842	3.680	0.895	4.064	0.921	4.480	0.939
21	1.504	0.491	1.920	0.620	2.304	0.735	2.720	0.815	3.104	0.877	3.520	0.921	3.904	0.948	4.304	0.983
26	1.312	0.532	1.728	0.665	2.144	0.780	2.528	0.859	2.944	0.921	3.360	0.966	3.744	0.992	4.160	1.019

SLZ-M35FA2 / SUZ-KA35VA6 at Rated frequency

CAPACITY: 4.000kW INPUT : 1.108kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.000	0.576	2.520	0.720	3.040	0.864	3.560	0.975	4.080	1.053	4.600	1.119	5.080	1.152	5.600	1.174
21	1.880	0.614	2.400	0.776	2.880	0.920	3.400	1.019	3.880	1.097	4.400	1.152	4.880	1.186	5.380	1.230
26	1.640	0.665	2.160	0.831	2.680	0.975	3.160	1.075	3.680	1.152	4.200	1.208	4.680	1.241	5.200	1.274

SLZ-M50FA2 / SUZ-KA50VA6 at Rated frequency

CAPACITY: 5.000kW INPUT : 1.558kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.500	0.810	3.150	1.013	3.800	1.215	4.450	1.371	5.100	1.480	5.750	1.574	6.350	1.620	7.000	1.651
21	2.350	0.863	3.000	1.091	3.600	1.293	4.250	1.433	4.850	1.542	5.500	1.620	6.100	1.667	6.725	1.729
26	2.050	0.935	2.700	1.169	3.350	1.371	3.950	1.511	4.600	1.620	5.250	1.698	5.850	1.745	6.500	1.792

SLZ-M60FA2 / SUZ-KA60VA6 at Rated frequency

CAPACITY: 6.400kW INPUT : 2.278kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.200	1.185	4.032	1.481	4.864	1.777	5.696	2.005	6.528	2.164	7.360	2.301	8.128	2.369	8.960	2.415
21	3.008	1.262	3.840	1.595	4.608	1.891	5.440	2.096	6.208	2.255	7.040	2.369	7.808	2.437	8.608	2.529
26	2.624	1.367	3.456	1.709	4.288	2.005	5.056	2.210	5.888	2.369	6.720	2.483	7.488	2.551	8.320	2.620

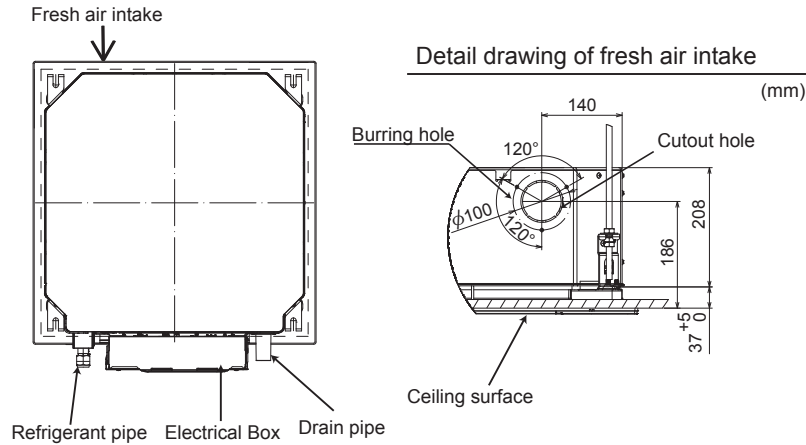
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

B.1.6 4-WAY AIR FLOW SYSTEM

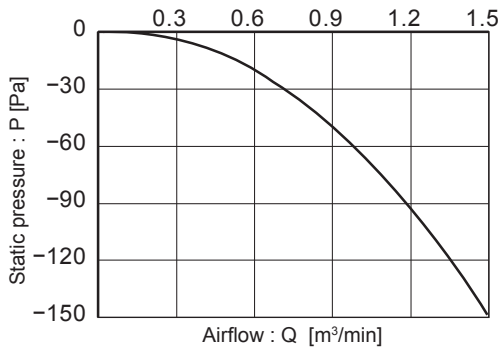
1. FRESH AIR INTAKE (LOCATION FOR INSTALLATION)

At the time of installation, use the duct holes (cut out) located at the positions shown in following diagram, as and when required.



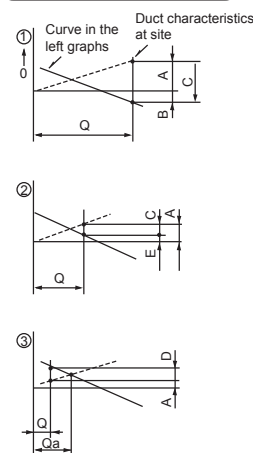
2. FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

Taking air into the unit



NOTE: Fresh air intake amount should be 10% or less of whole air amount to prevent dew dripping.

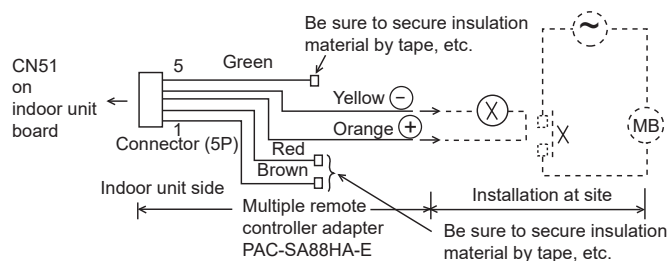
How to read curves



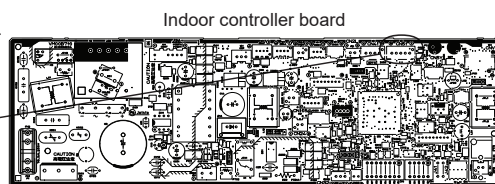
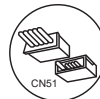
- Q... Designed amount of fresh air intake $\langle m^3/min \rangle$
- A... Static pressure loss of fresh air intake duct system with airflow amount Q $\langle Pa \rangle$
- B... Forced static pressure at air conditioner inlet with airflow amount Q $\langle Pa \rangle$
- C... Static pressure of booster fan with airflow amount Q $\langle Pa \rangle$
- D... Static pressure loss increase amount of fresh air intake duct system for airflow amount Q $\langle Pa \rangle$
- E... Static pressure of indoor unit with airflow amount Q $\langle Pa \rangle$
- Qa... Estimated amount of fresh air intake without D $\langle m^3/min \rangle$

3. OPERATION IN CONJUNCTION WITH DUCT FAN (BOOSTER FAN)

- Whenever the indoor unit operates, the duct fan operates.
- (1) Connect the optional multiple remote controller adapter (PAC-SA88HA-E) to the connector CN51 on the indoor controller board.
- (2) Drive the relay after connecting the 12 V DC relay between the Yellow and Orange connector wires. Use a relay of 1W or smaller.
- MB: Electromagnetic switch power relay for duct fan.
- X: Auxiliary relay (12 V DC LY-1F)



Multiple remote controller adapter PAC-SA88HA-E



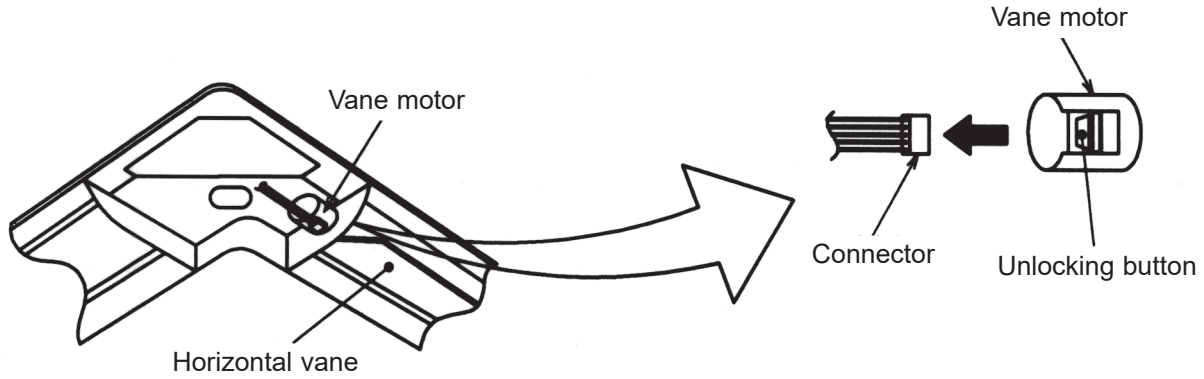
Distance between indoor controller board and relay must be within 10m.

4. FIXING HORIZONTAL VANE

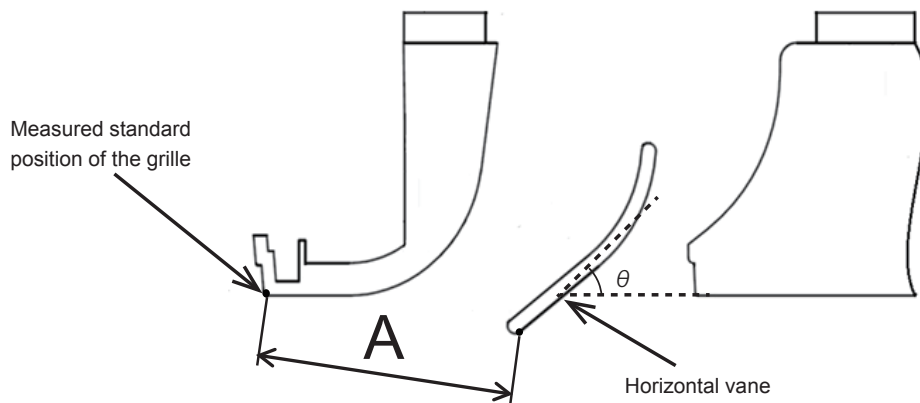
Horizontal vane of each air outlet can be fixed according to the environment where it is installed.

Setting procedure

- 1) Turn off a main power supply (Turn off a breaker).
- 2) Remove the vane motor connector in the direction of the arrow shown below with pressing the unlocking button as in the figure below.
 Insulate the disconnected connector with the plastic tape.



- 3) Set the vertical vane of the air outlet by hand slowly within the range in the table below.



<Set range>

Standard of horizontal position	Angle $\theta = 21^\circ$ (Horizontal)	Angle $\theta = 24^\circ$	Angle $\theta = 39^\circ$	Angle $\theta = 42^\circ$	Angle $\theta = 45^\circ$ (Downward)
Dimension A (mm)	39	41	47	48	49

Note: Dimension between 39 mm and 49 mm can be arbitrarily set.

Caution ⚠	Do not set the dimension out of the range.
	Erroneous setting could cause dew drips or malfunction of unit.

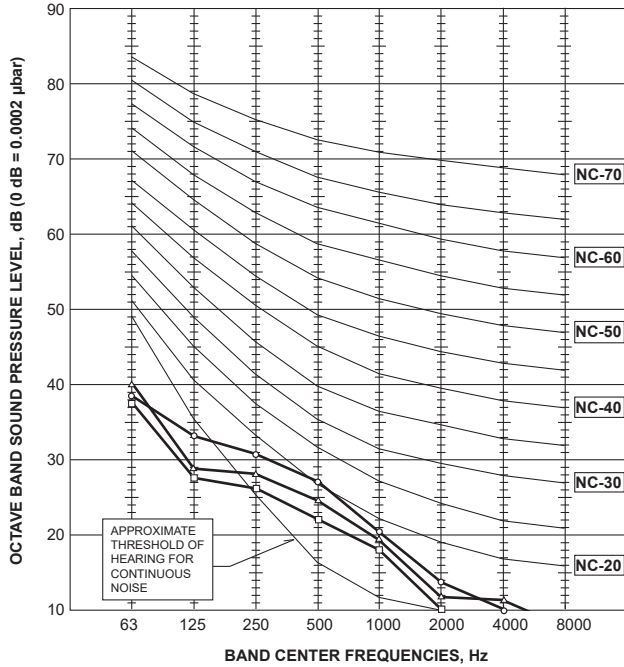
600×600 CEILING CASSETTE
4-WAY AIRFLOW SYSTEM

B.1.7 NOISE CRITERIA CURVES

SLZ-M15FA2

<50Hz>

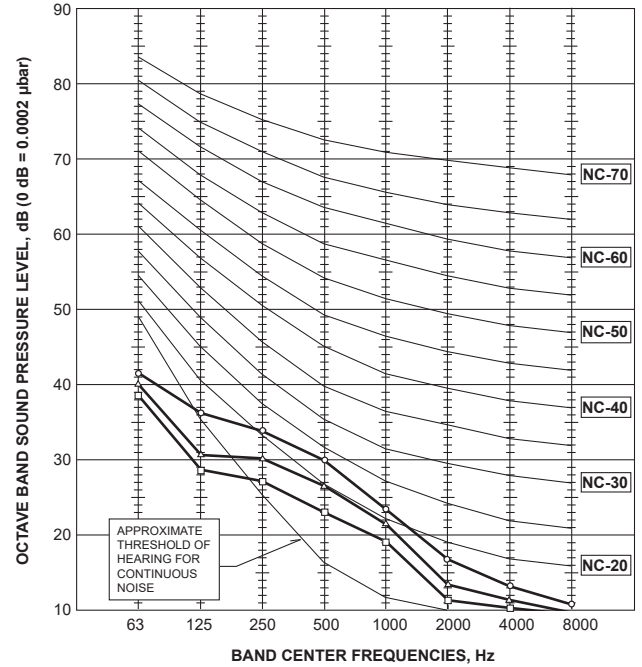
NOTCH	SPL(dB)	LINE
High	28	○—○
Medium	26	△—△
Low	24	□—□



SLZ-M25FA2

<50Hz>

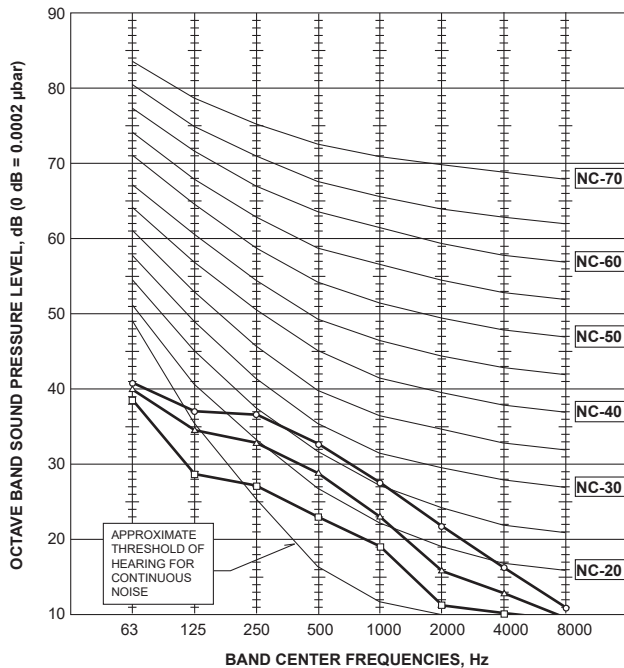
NOTCH	SPL(dB)	LINE
High	31	○—○
Medium	28	△—△
Low	25	□—□



SLZ-M35FA2

<50Hz>

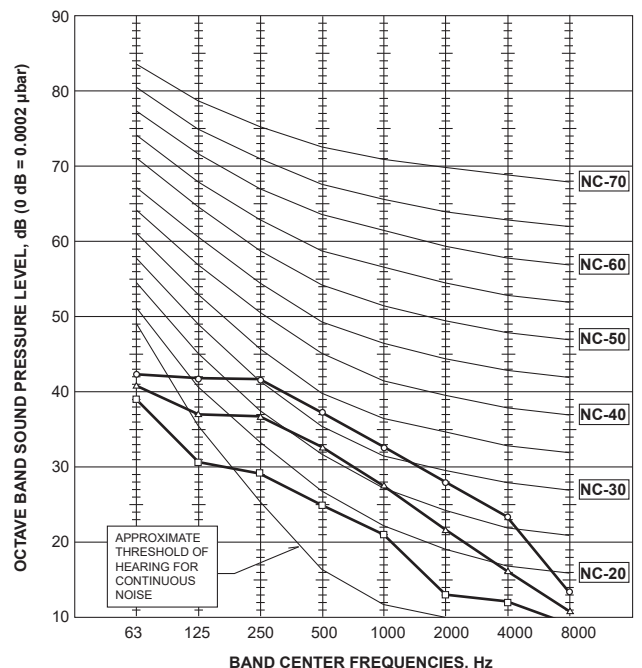
NOTCH	SPL(dB)	LINE
High	34	○—○
Medium	30	△—△
Low	25	□—□



SLZ-M50FA2

<50Hz>

NOTCH	SPL(dB)	LINE
High	39	○—○
Medium	34	△—△
Low	27	□—□



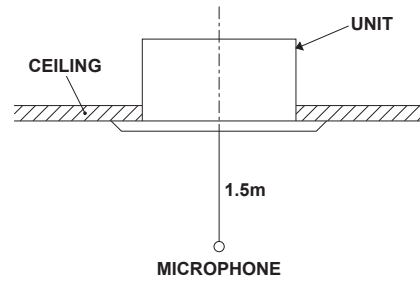
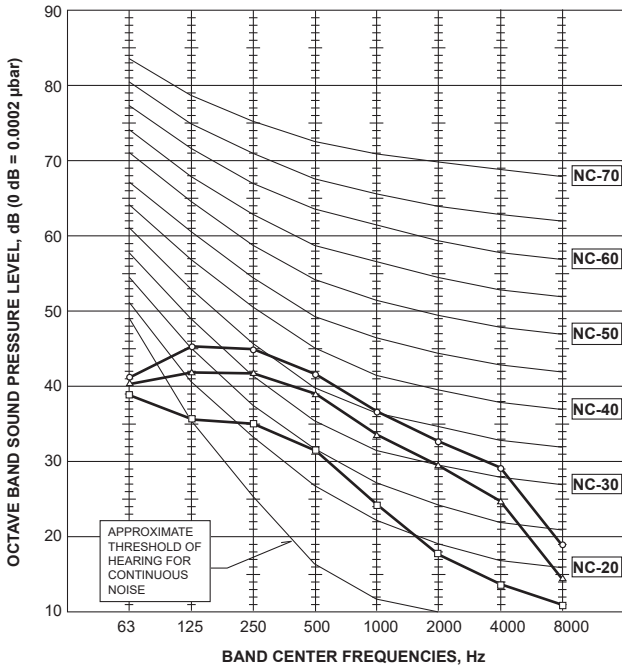
600~600
CEILING
CASSETTE

NOISE CRITERIA CURVES

SLZ-M60FA2

<50Hz>

NOTCH	SPL(dB)	LINE
High	43	○—○
Medium	40	△—△
Low	32	□—□



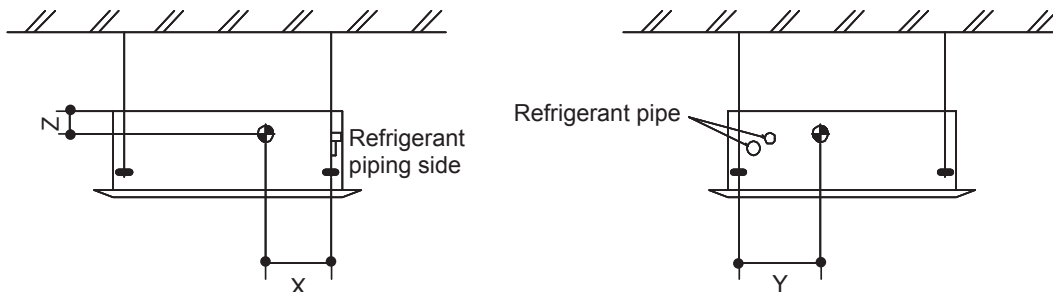
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than the indicated level in actual use due to surrounding echoes. The sound level can be higher by about 2 dB than the indicated level during cooling and heating operation.

B.1.8 OUTLET AIR SPEED AND COVERAGE RANGE

	SLZ-M15FA2	SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2	
Air flow	m ³ /min	7.0	8.5	9.5	11.5	13.0
Air speed	m/sec	1.7	2.1	2.3	2.8	3.2
Coverage range	m	2.7	3.3	3.6	4.2	4.8

The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position. The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture in the room.

B.1.9 CENTER OF GRAVITY POSITION



Model	X	Y	Z
SLZ-M15FA2	150	260	105
SLZ-M25FA2	150	260	105
SLZ-M35FA2	150	260	105
SLZ-M50FA2	150	260	105
SLZ-M60FA2	150	260	105

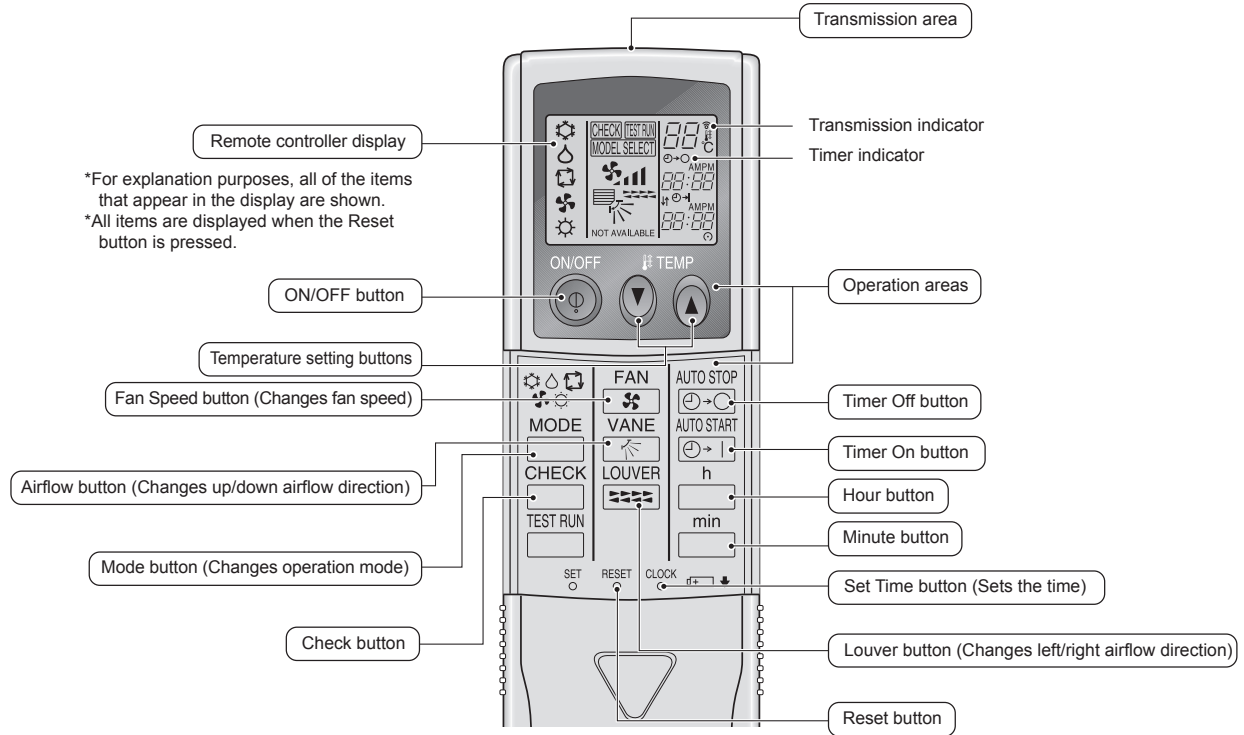
600×600
CEILING
CASSETTE

OUTLET AIR SPEED AND COVERAGE RANGE
CENTER OF GRAVITY POSITION

B.1.10 REMOTE CONTROLLER

B.1.10.1 WIRELESS REMOTE CONTROLLER

[PAR-SL97A-E]

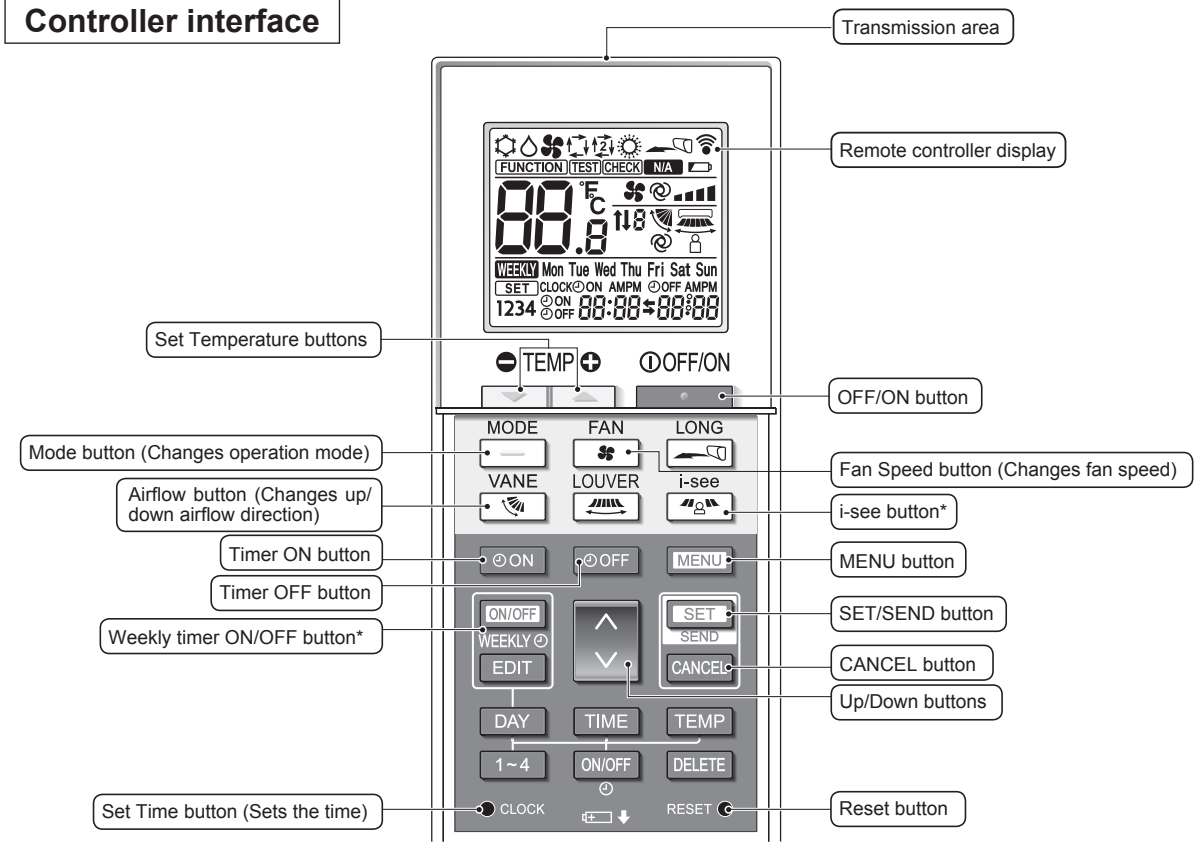


600×600
CEILING
CASSETTE
REMOTE CONTROLLER

[PAR-SL101A-E]

When cover is open

Controller interface



Note:
* This button is enabled or disabled depending on the model of the indoor unit.

Display

Operation mode

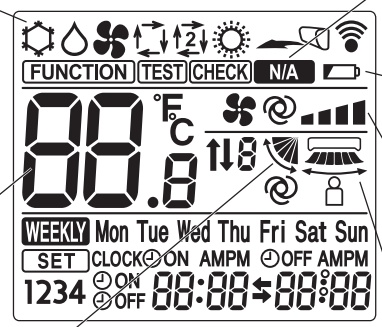
	Cool		Dry
	Fan		Auto (single set point)
	Heat		Auto* (dual set point)

* Refer to 5.4. in the installation manual.

Temperature setting
The units of temperature can be changed. For details, refer to the Installation Manual.

Vane setting

Step 1 Step 2 Step 3 Step 4 Step 5 Swing Auto



Not available
Appears when a non-supported function is selected.

Battery replacement indicator
Appears when the remaining battery power is low.

Fan speed setting The symbols differ depending on models.

Auto

3D i-see sensor (Air distribution)

Default Direct Indirect

When Direct or Indirect is selected, the vane setting is set to "Auto".

600x600 CEILING CASSETTE REMOTE CONTROLLER

B.1.11 TEMPERATURE AND AIRFLOW DISTRIBUTIONS

TEMPERATURE DISTRIBUTION

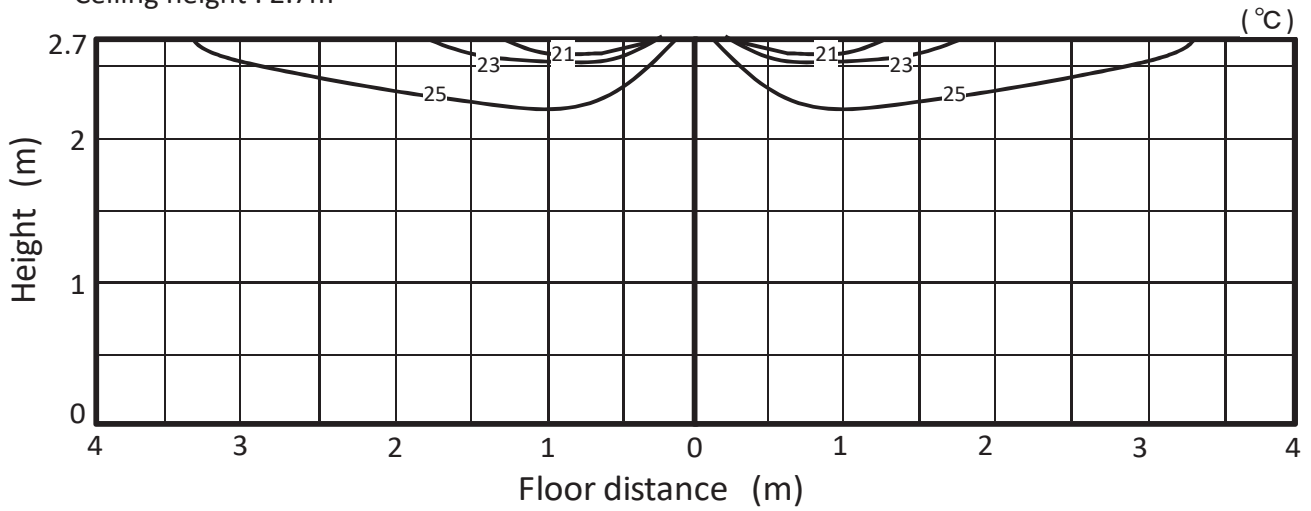
SLZ-M·FA2

SLZ-M60FA2

<Cooling mode>

Horizontal

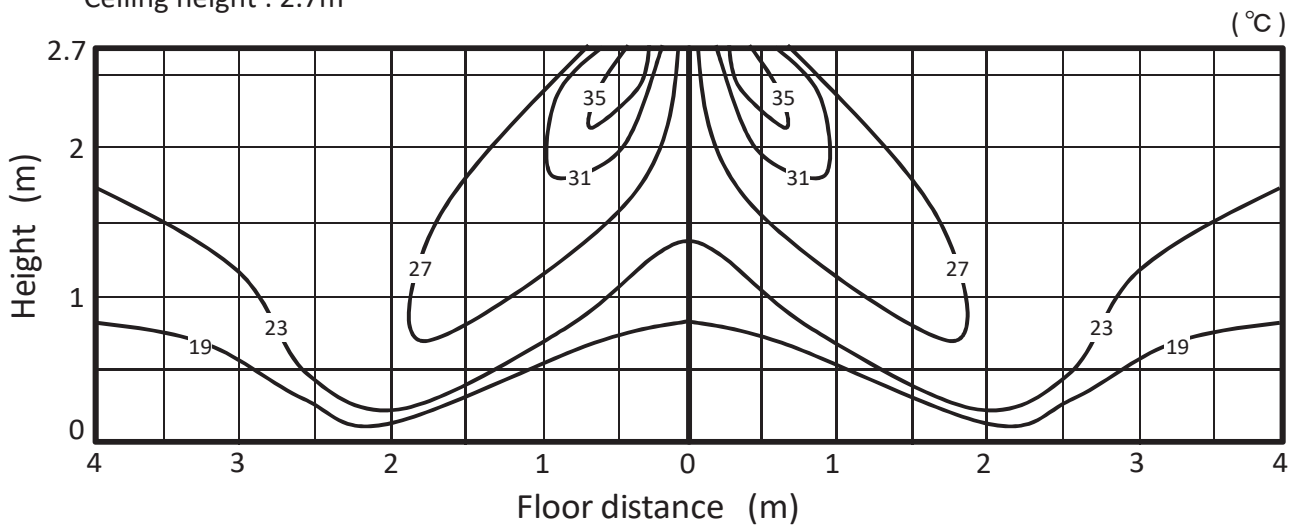
Ceiling height : 2.7m



<Heating mode>

Downward

Ceiling height : 2.7m



600x600
CEILING
CASSETTE

TEMPERATURE AND AIRFLOW DISTRIBUTIONS

AIR FLOW DISTRIBUTION

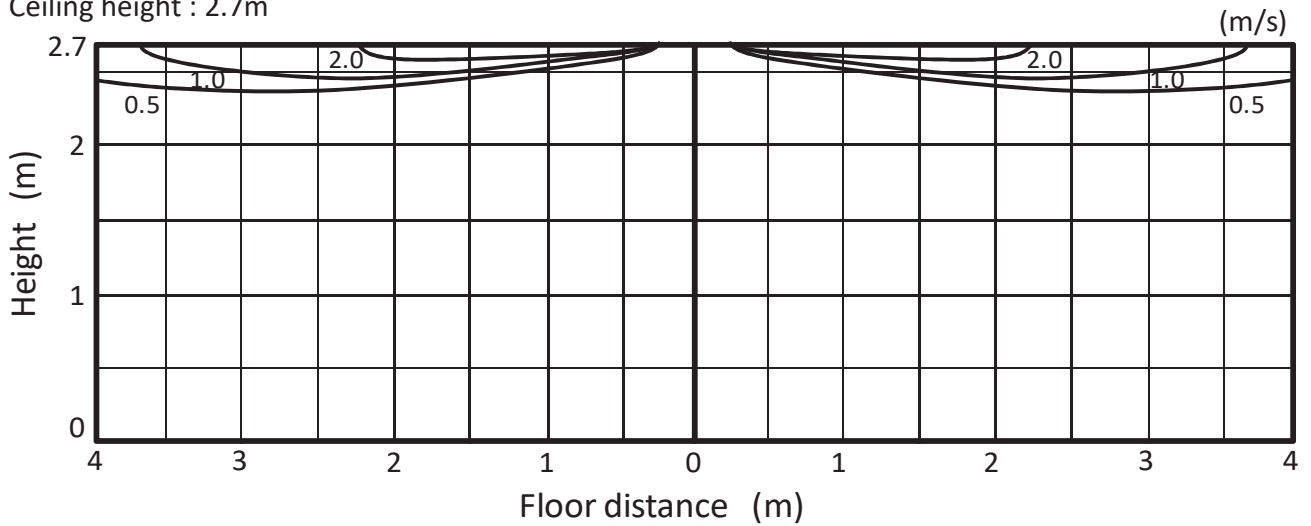
SLZ-M·FA2

SLZ-M60FA2

<Cooling mode>

Horizontal

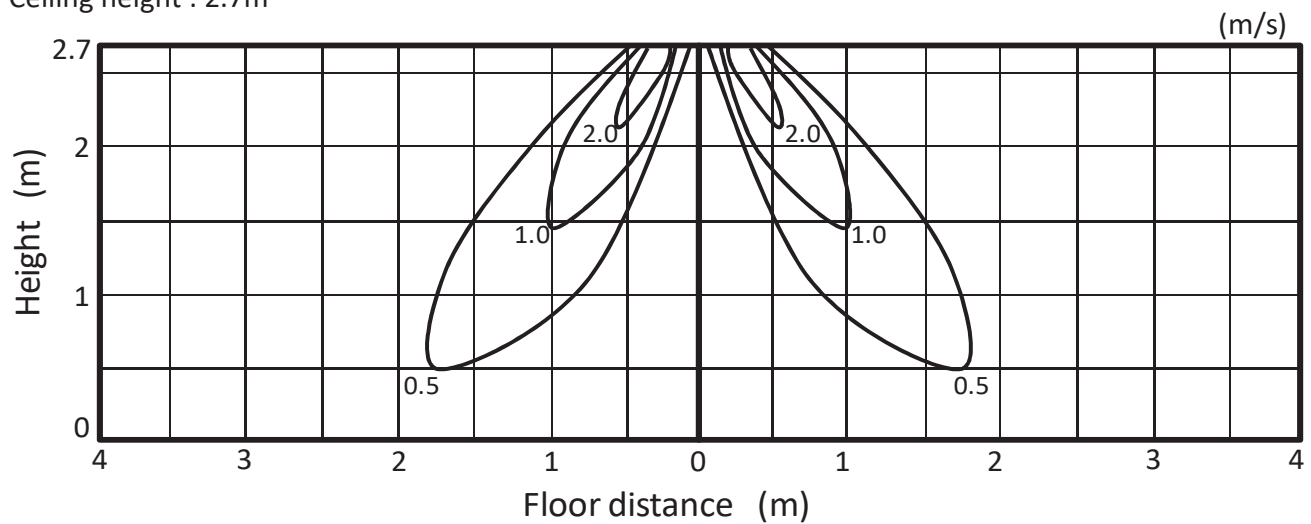
Ceiling height : 2.7m



<Heating mode>

Downward

Ceiling height : 2.7m



600×600
CEILING
CASSETTE

TEMPERATURE AND AIRFLOW DISTRIBUTIONS

600-600
CEILING
CASSETTE

B.2 CEILING-CONCEALED (SEZ)

B.2.1	SPECIFICATIONS	B-40
B.2.1.1	R32 type	B-40
B.2.1.2	R410A type	B-41
B.2.2	OUTLINES AND DIMENSIONS.....	B-42
B.2.2.1	INDOOR UNIT	B-42
B.2.2.2	WIRED REMOTE CONTROLLER [PAR-40MAA]	B-44
B.2.2.3	WIRELESS REMOTE CONTROLLER.....	B-45
B.2.3	WIRING DIAGRAM.....	B-47
B.2.4	REFRIGERANT SYSTEM DIAGRAM	B-48
B.2.5	PERFORMANCE DATA.....	B-49
B.2.5.1	R32 type	B-49
B.2.5.2	R410A type	B-60
B.2.6	NOISE CRITERIA CURVES	B-71
B.2.7	INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW	B-76
B.2.8	CENTER OF GRAVITY POSITION	B-80
B.2.9	REMOTE CONTROLLER.....	B-81
B.2.9.1	WIRELESS REMOTE CONTROLLER	B-81

B.2.1 SPECIFICATIONS

B.2.1.1 R32 type

Model Name		Indoor Unit	SEZ-M25DA(L)2	SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2		
		Outdoor Unit	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA		
Refrigerant		R32							
Power Supply		Source	Outdoor power supply						
Out	V		230	230	230	230	230		
		Phase	Single	Single	Single	Single	Single		
		Hz	50	50	50	50	50		
	In	V		—	—	—	—	—	
			Phase	—	—	—	—	—	
			Hz	—	—	—	—	—	
Cooling	Capacity	Rated	kW	2.5	3.5	5.0	6.1	7.1	
		Min.	kW	1.4	0.7	1.1	1.6	2.2	
		Max.	kW	3.2	3.9	5.6	6.3	8.1	
	SHF	Rated		0.82	0.78	0.76	0.75	0.74	
	Total Input	Rated	kW	0.714	1.000	1.547	1.848	2.151	
	EER			3.50	3.50	3.23	3.30	3.30	
	Annual Electricity Consumption		kWh/a	146	202	290	385	451	
	SEER			6.0	6.0	6.0	5.5	5.5	
		Energy efficiency class		A+	A+	A+	A	A	
	Heating	Capacity	Rated	kW	2.9	4.2	6.0	7.4	8.0
Min.			kW	1.3	1.1	1.5	1.6	2.0	
Max.			kW	4.2	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	0.803	1.076	1.617	2.049	2.285	
COP				3.61	3.90	3.71	3.61	3.50	
Annual Electricity Consumption			kWh/a	769	878	1501	1516	2030	
SCOP				4.0	4.1	4.0	4.2	3.9	
		Energy efficiency class		A+	A+	A+	A+	A	
Operating Current(max)		A	7.4	9.2	14.3	15.7	15.8		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.043	0.047	0.077	0.084	0.102
		Operating Current(max)	A	0.62	0.65	0.82	0.88	1.00	
	Dimensions	H × W × D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700	
	Weight		kg	18	22	22	25.5	25.5	
	Air Volume	Lo-Mid-Hi	m ³ /min.	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20	
	External Static Pressure		Pa	<5> - 25 - <35> - <50>					
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	23 - 26 - 30	23 - 27 - 31	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40	
	Sound Level (PWL)	Cooling		50	51	57	58	60	
Outdoor Unit	Dimensions	H × W × D	mm	550-800-285	550-800-285	714-800-285	880-840-330	880-840-330	
		Weight	kg	30	35	41	54	55	
	Air Volume	Cooling	Rated	m ³ /min.	36.3	34.3	45.8	50.1	50.1
		Heating	Rated	m ³ /min.	34.6	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	45	48	48	49	49
			Silent	dB(A)	—	—	—	—	—
		Heating	Rated	dB(A)	46	48	49	51	51
	Sound Level (PWL)	Cooling	dB(A)	59	59	64	65	66	
	Operating Current(max)		A	6.8	8.5	13.5	14.8	14.8	
	Breaker Size		A	10	10	20	20	20	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	9.52	12.7	15.88	15.88	
	Max. Length	Out-In	m	20	20	30	30	30	
	Max. Height	Out-In	m	12	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

B.2.1.2 R410A type

Model Name	Indoor Unit		SEZ-M25DA(L)2	SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2		
	Outdoor Unit		SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6		
Refrigerant	R410A								
Power Supply	Source		Outdoor power supply						
Out	V		230	230	230	230	230		
		Phase	Single	Single	Single	Single	Single		
		Hz	50	50	50	50	50		
	In	V		—	—	—	—	—	
			Phase	—	—	—	—	—	
			Hz	—	—	—	—	—	
Cooling	Capacity	Rated	kW	2.5	3.5	5.1	5.6	7.1	
		Min.	kW	1.5	1.4	2.3	2.3	2.8	
		Max.	kW	3.2	3.9	5.6	6.3	8.3	
	SHF	Rated		0.82	0.78	0.76	0.75	0.74	
	Total Input	Rated	kW	0.731	1.012	1.580	1.740	2.210	
	EER			3.42	3.46	3.23	3.22	3.21	
	Annual Electricity Consumption		kWh/a	159	203	297	353	449	
	SEER			5.5	6.0	6.0	5.5	5.5	
		Energy efficiency class		A	A+	A+	A	A	
	Heating	Capacity	Rated	kW	2.9	4.2	6.4	7.4	8.1
Min.			kW	1.3	1.7	1.7	2.5	2.6	
Max.			kW	4.5	5.0	7.2	8.0	10.4	
Total Input		Rated	kW	0.803	1.132	1.800	2.200	2.268	
COP				3.61	3.71	3.56	3.36	3.50	
Annual Electricity Consumption			kWh/a	789	977	1614	1857	2147	
SCOP				3.9	4.0	3.9	4.1	3.9	
		Energy efficiency class		A	A+	A	A+	A	
Operating Current(max)		A	7.6	8.9	12.8	14.9	17.1		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.043	0.047	0.077	0.084	0.102
		Operating Current(max)		A	0.62	0.65	0.82	0.88	1.00
	Dimensions	H × W × D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700	
	Weight		kg	18	22	22	25.5	25.5	
	Air Volume	Lo-Mid-Hi	m ³ /min.	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20	
	External Static Pressure		Pa	<5> - 25 - <35> - <50>					
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	23 - 26 - 30	23 - 27 - 31	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40	
	Sound Level (PWL)	Cooling		50	51	57	58	60	
Outdoor Unit	Dimensions	H × W × D	mm	550-800-285	550-800-285	880-840-330	880-840-330	880-840-330	
		Weight		kg	30	35	54	50	53
	Air Volume	Cooling	Rated	m ³ /min.	32.6	36.3	44.6	40.9	50.1
		Heating	Rated	m ³ /min.	34.7	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	52	55	55
			Silent	dB(A)	—	—	—	—	—
	Sound Level (SPL)	Heating	Rated	dB(A)	48	50	52	55	55
	Sound Level (PWL)	Cooling		dB(A)	58	62	65	65	69
	Operating Current(max)		A	7	8	12	14	16.1	
Breaker Size		A	10	10	20	20	20		
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	9.52	12.7	15.88	15.88	
	Max. Length	Out-In	m	20	20	30	30	30	
	Max. Height	Out-In	m	12	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-10	-10	-10	-10	-10	
		Upper Limit.	°C	+24	+24	+24	+24	+24	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

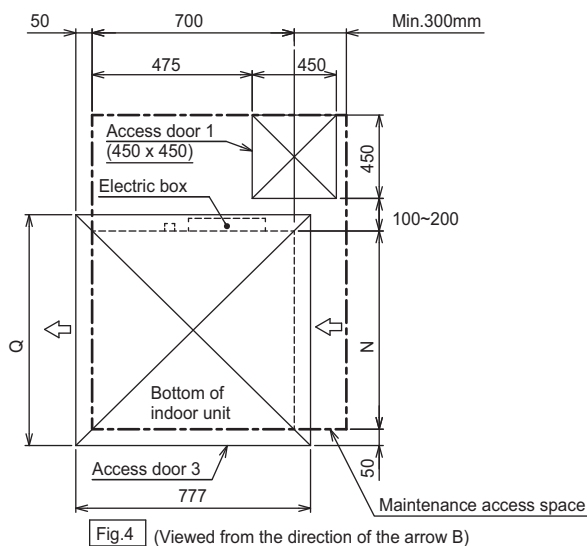
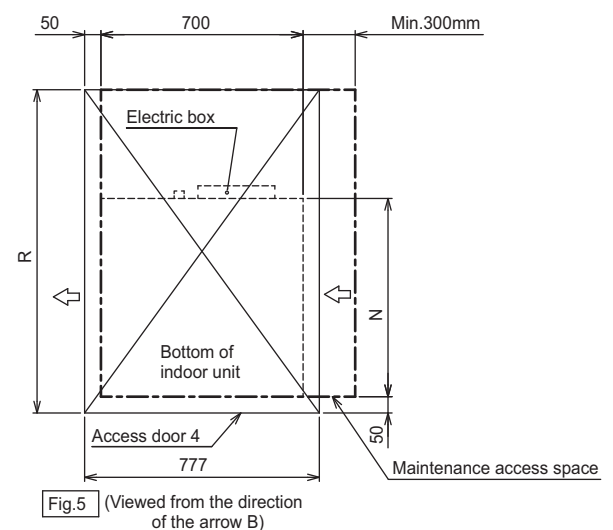
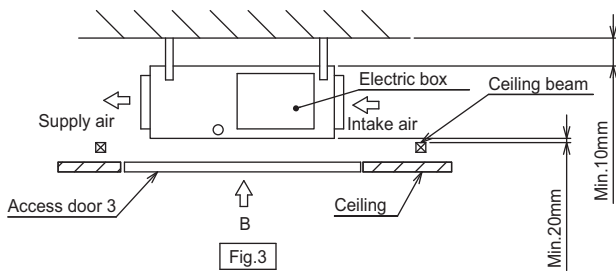
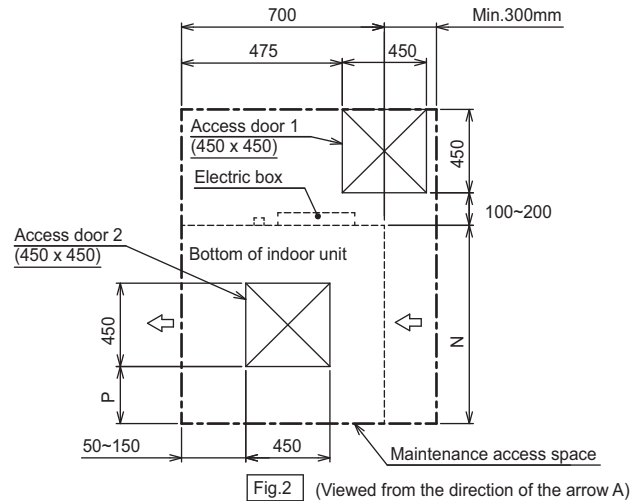
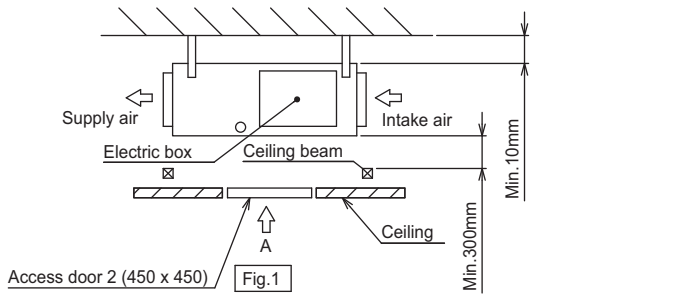
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

- (1) When a space of 300 mm or more is available below the unit between the unit and the ceiling (Fig. 1)
 - Create access door 1 and 2 (450 x 450 mm each) as shown in Fig. 2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When a space of less than 300 mm is available below the unit between the unit and the ceiling (At least 20 mm of space should be left below the unit as shown in Fig. 3.)
 - Create access door 1 diagonally below the electric box and access door 3 below the unit as shown in Fig. 4.
 - or
 - Create access door 4 below the electric box and the unit as shown in Fig. 5.

Unit : mm



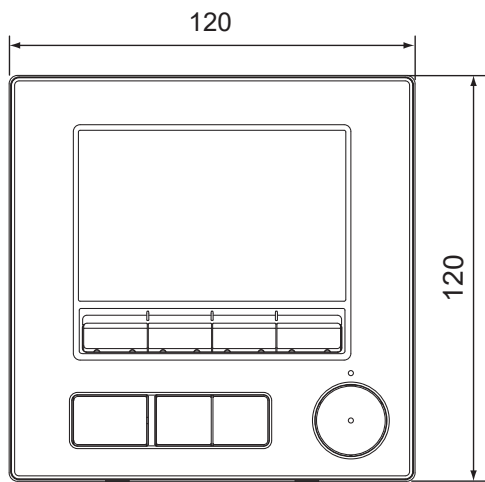
Model	N	P	Q	R
SEZ-M25DA(L)2	700	50~150	800	1300
SEZ-M35DA(L)2	900	150~250	1000	1500
SEZ-M50DA(L)2				
SEZ-M60DA(L)2	1100	250~350	1200	1700
SEZ-M71DA(L)2				

B.2.2.2 WIRED REMOTE CONTROLLER (Optional parts)

Unit : mm

- SEZ-M25DA2
- SEZ-M35DA2
- SEZ-M50DA2
- SEZ-M60DA2
- SEZ-M71DA2

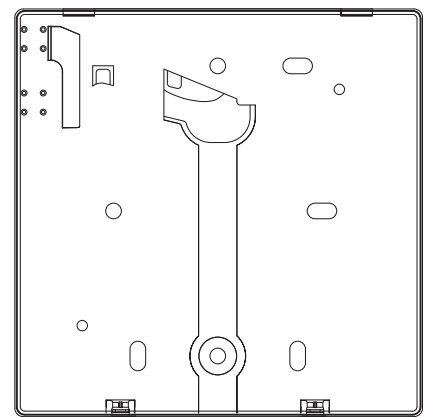
[PAR-41MAA]



(Front view)



(Side view)



(Rear view)

CEILING
CONCEALED

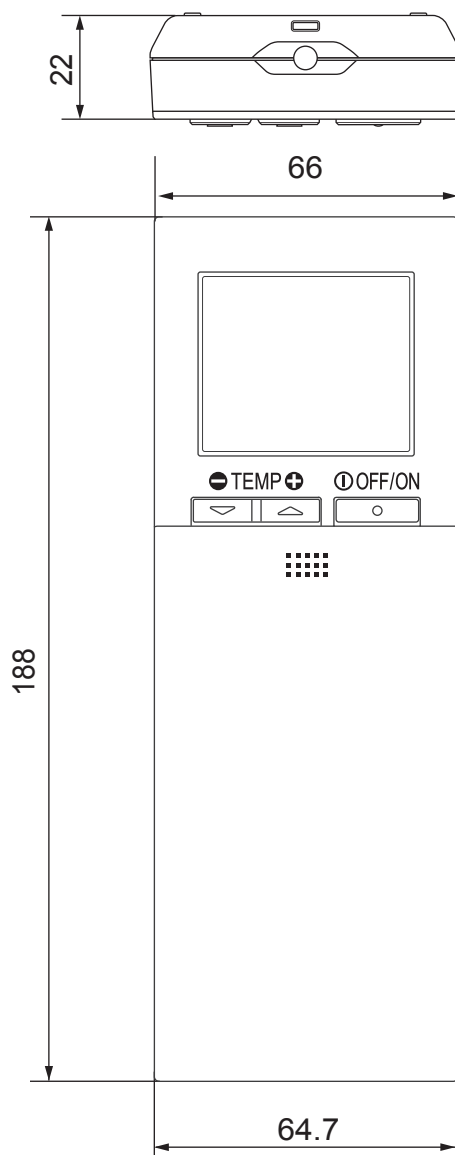
OUTLINES AND DIMENSIONS

B.2.2.3 WIRELESS REMOTE CONTROLLER

Unit : mm

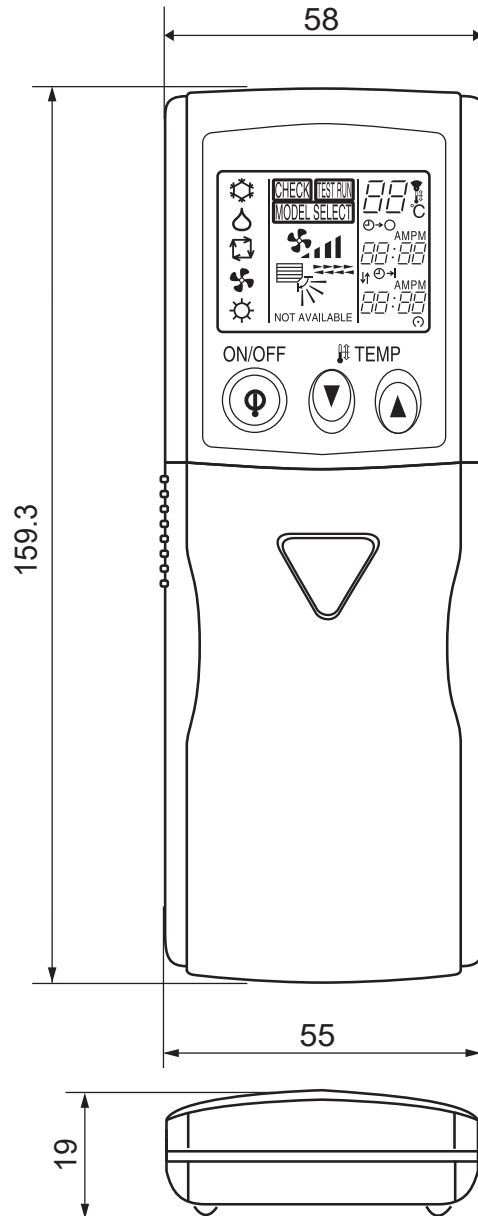
SEZ-M25DA2	SEZ-M50DAL2
SEZ-M25DAL2	SEZ-M60DA2
SEZ-M35DA2	SEZ-M60DAL2
SEZ-M35DAL2	SEZ-M71DA2
SEZ-M50DA2	SEZ-M71DAL2

[PAR-SL101A-E]



- ※ 1. Enclosed in SEZ-M25/35/50/60/71DAL2
- 2. Optional parts for SEZ-M25/35/50/60/71DA2
- 3. Group control can not be used.

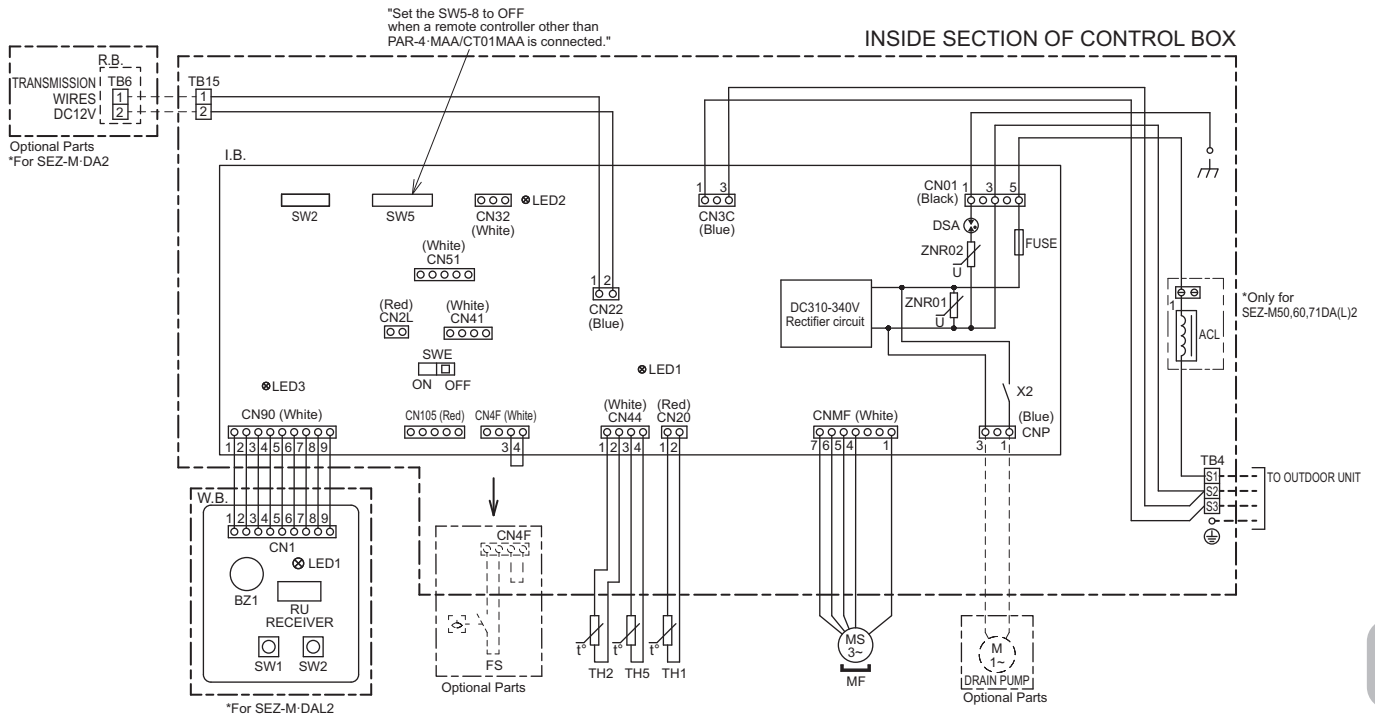
[PAR-SL97A-E]



※ Optional parts

B.2.3 WIRING DIAGRAM

- SEZ-M25DA2 SEZ-M50DAL2
- SEZ-M25DAL2 SEZ-M60DA2
- SEZ-M35DA2 SEZ-M60DAL2
- SEZ-M35DAL2 SEZ-M71DA2
- SEZ-M50DA2 SEZ-M71DAL2



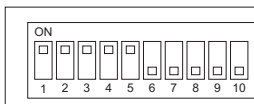
SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
I.B.	INDOOR CONTROLLER BOARD	W.B.	WIRELESS REMOTE CONTROLLER BOARD
FUSE	FUSE AC250V 6.3A	RU	RECEIVING UNIT
ZNR01,02	VARISTOR	BZ1	BUZZER
DSA	ARRESTER	LED1	LED (RUN INDICATOR)
X2	AUX. RELAY	SW1	SWITCH (HEATING ON/OFF)
CN2L	CONNECTOR (LOSSNAY)	SW2	SWITCH (COOLING ON/OFF)
CN32	CONNECTOR (REMOTE SWITCH)	R.B.	REMOTE CONTROLLER BOARD
CN41	CONNECTOR (HA TERMINAL-A)	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH1	INTAKE AIR TEMP. THERMISTOR
CN90	CONNECTOR (WIRELESS)	TH2	PIPE TEMP. THERMISTOR/LIQUID
LED1	POWER SUPPLY (I.B.)	TH5	COND./EVA. TEMP. THERMISTOR
LED2	POWER SUPPLY (R.B.)	ACL	AC REACTOR (POWER FACTOR IMPROVEMENT)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	MF	FAN MOTOR
SW2	SWITCH (FOR CAPACITY CODE)	FS	FLOAT SWITCH
SW5	SWITCH (FOR SYSTEM SELECTION)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
SWE	CONNECTOR (EMERGENCY OPERATION)	TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)

DIP SWITCH SETTING

MODEL NAME	SW2	SW5
SEZ-M25DA(L)2	ON	ON
SEZ-M35DA(L)2	ON	ON
SEZ-M50DA(L)2	ON	ON
SEZ-M60DA(L)2	ON	ON
SEZ-M71DA(L)2	ON	ON

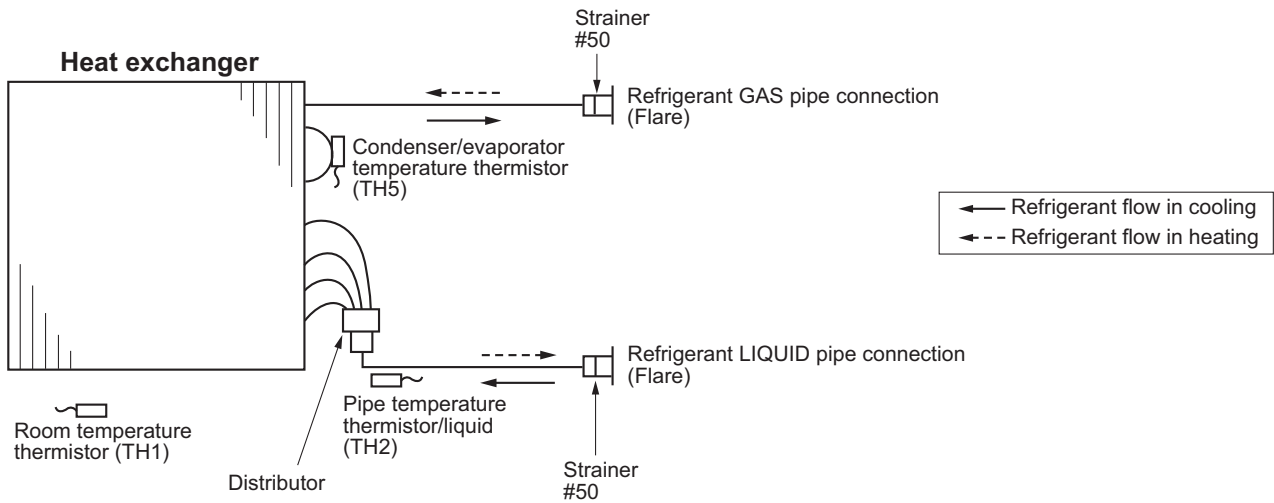
- NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 2. Indoor and outdoor connecting wires are made with polarities,make wiring matching terminal numbers (S1,S2,S3).
 3. Symbols used in wiring diagram are : Connector, : Terminal, : Relay connector
 ----- (Heavy dotted line): Field wiring,
 (Thin dotted line): Optional parts.



The figure at left shows that the switches 1 through 5 are set to ON and 6 through 10 are set to OFF.

B.2.4 REFRIGERANT SYSTEM DIAGRAM

- | | |
|--------------------|--------------------|
| SEZ-M25DA2 | SEZ-M50DAL2 |
| SEZ-M25DAL2 | SEZ-M60DA2 |
| SEZ-M35DA2 | SEZ-M60DAL2 |
| SEZ-M35DAL2 | SEZ-M71DA2 |
| SEZ-M50DA2 | SEZ-M71DAL2 |



B.2.5 PERFORMANCE DATA

B.2.5.1 R32 type

COOLING operation at Rated frequency

SEZ-M25DA2 SEZ-M25DAL2 / SUZ-M25VA

CAPACITY :2.500kW INPUT :0.714kW SHF :0.82

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.880	0.64	0.571	2.813	1.800	0.64	0.600	2.700	1.728	0.64	0.628	2.600	1.664	0.64	0.657
21	20	3.063	1.593	0.52	0.600	2.938	1.528	0.52	0.635	2.850	1.482	0.52	0.650	2.750	1.430	0.52	0.678
22	18	2.938	1.998	0.68	0.571	2.813	1.913	0.68	0.600	2.700	1.836	0.68	0.628	2.600	1.768	0.68	0.657
22	20	3.063	1.715	0.56	0.600	2.938	1.645	0.56	0.635	2.850	1.596	0.56	0.650	2.750	1.540	0.56	0.678
22	22	3.188	1.403	0.44	0.621	3.075	1.353	0.44	0.660	3.000	1.320	0.44	0.678	2.875	1.265	0.44	0.707
23	18	2.938	2.115	0.72	0.571	2.813	2.025	0.72	0.600	2.700	1.944	0.72	0.628	2.600	1.872	0.72	0.657
23	20	3.063	1.838	0.60	0.600	2.938	1.763	0.60	0.635	2.850	1.710	0.60	0.650	2.750	1.650	0.60	0.678
23	22	3.188	1.530	0.48	0.621	3.075	1.476	0.48	0.660	3.000	1.440	0.48	0.678	2.875	1.380	0.48	0.707
24	18	2.938	2.233	0.76	0.571	2.813	2.138	0.76	0.600	2.700	2.052	0.76	0.628	2.600	1.976	0.76	0.657
24	20	3.063	1.960	0.64	0.600	2.938	1.880	0.64	0.635	2.850	1.824	0.64	0.650	2.750	1.760	0.64	0.678
24	22	3.188	1.658	0.52	0.621	3.075	1.599	0.52	0.660	3.000	1.560	0.52	0.678	2.875	1.495	0.52	0.707
24	24	3.350	1.340	0.40	0.650	3.225	1.290	0.40	0.685	3.150	1.260	0.40	0.707	3.050	1.220	0.40	0.743
25	20	3.063	2.083	0.68	0.600	2.938	1.998	0.68	0.635	2.850	1.938	0.68	0.650	2.750	1.870	0.68	0.678
25	22	3.188	1.785	0.56	0.621	3.075	1.722	0.56	0.660	3.000	1.680	0.56	0.678	2.875	1.610	0.56	0.707
25	24	3.350	1.474	0.44	0.650	3.225	1.419	0.44	0.685	3.150	1.386	0.44	0.707	3.050	1.342	0.44	0.743
26	18	2.938	2.468	0.84	0.571	2.813	2.363	0.84	0.600	2.700	2.268	0.84	0.628	2.600	2.184	0.84	0.657
26	20	3.063	2.205	0.72	0.600	2.938	2.115	0.72	0.635	2.850	2.052	0.72	0.650	2.750	1.980	0.72	0.678
26	22	3.188	1.913	0.60	0.621	3.075	1.845	0.60	0.660	3.000	1.800	0.60	0.678	2.875	1.725	0.60	0.707
26	24	3.350	1.608	0.48	0.650	3.225	1.548	0.48	0.685	3.150	1.512	0.48	0.707	3.050	1.464	0.48	0.743
26	26	3.450	1.242	0.36	0.685	3.350	1.206	0.36	0.721	3.300	1.188	0.36	0.743	3.200	1.152	0.36	0.764
27	18	2.938	2.585	0.88	0.571	2.813	2.475	0.88	0.600	2.700	2.376	0.88	0.628	2.600	2.288	0.88	0.657
27	20	3.063	2.328	0.76	0.600	2.938	2.233	0.76	0.635	2.850	2.166	0.76	0.650	2.750	2.090	0.76	0.678
27	22	3.188	2.040	0.64	0.621	3.075	1.968	0.64	0.660	3.000	1.920	0.64	0.678	2.875	1.840	0.64	0.707
27	24	3.350	1.742	0.52	0.650	3.225	1.677	0.52	0.685	3.150	1.638	0.52	0.707	3.050	1.586	0.52	0.743
27	26	3.450	1.380	0.40	0.685	3.350	1.340	0.40	0.721	3.300	1.320	0.40	0.743	3.200	1.280	0.40	0.764
28	18	2.938	2.703	0.92	0.571	2.813	2.588	0.92	0.600	2.700	2.484	0.92	0.628	2.600	2.392	0.92	0.657
28	20	3.063	2.450	0.80	0.600	2.938	2.350	0.80	0.635	2.850	2.280	0.80	0.650	2.750	2.200	0.80	0.678
28	22	3.188	2.168	0.68	0.621	3.075	2.091	0.68	0.660	3.000	2.040	0.68	0.678	2.875	1.955	0.68	0.707
28	24	3.350	1.876	0.56	0.650	3.225	1.806	0.56	0.685	3.150	1.764	0.56	0.707	3.050	1.708	0.56	0.743
28	26	3.450	1.518	0.44	0.685	3.350	1.474	0.44	0.721	3.300	1.452	0.44	0.743	3.200	1.408	0.44	0.764
29	18	2.938	2.820	0.96	0.571	2.813	2.700	0.96	0.600	2.700	2.592	0.96	0.628	2.600	2.496	0.96	0.657
29	20	3.063	2.573	0.84	0.600	2.938	2.468	0.84	0.635	2.850	2.394	0.84	0.650	2.750	2.310	0.84	0.678
29	22	3.188	2.295	0.72	0.621	3.075	2.214	0.72	0.660	3.000	2.160	0.72	0.678	2.875	2.070	0.72	0.707
29	24	3.350	2.010	0.60	0.650	3.225	1.935	0.60	0.685	3.150	1.890	0.60	0.707	3.050	1.830	0.60	0.743
29	26	3.450	1.656	0.48	0.685	3.350	1.608	0.48	0.721	3.300	1.584	0.48	0.743	3.200	1.536	0.48	0.764
30	18	2.938	2.938	1.00	0.571	2.813	2.813	1.00	0.600	2.700	2.700	1.00	0.628	2.600	2.600	1.00	0.657
30	20	3.063	2.695	0.88	0.600	2.938	2.585	0.88	0.635	2.850	2.508	0.88	0.650	2.750	2.420	0.88	0.678
30	22	3.188	2.423	0.76	0.621	3.075	2.337	0.76	0.660	3.000	2.280	0.76	0.678	2.875	2.185	0.76	0.707
30	24	3.350	2.144	0.64	0.650	3.225	2.064	0.64	0.685	3.150	2.016	0.64	0.707	3.050	1.952	0.64	0.743
30	26	3.450	1.794	0.52	0.685	3.350	1.742	0.52	0.721	3.300	1.716	0.52	0.743	3.200	1.664	0.52	0.764
31	18	2.938	2.938	1.00	0.571	2.813	2.813	1.00	0.600	2.700	2.700	1.00	0.628	2.600	2.600	1.00	0.657
31	20	3.063	2.818	0.92	0.600	2.938	2.703	0.92	0.635	2.850	2.622	0.92	0.650	2.750	2.530	0.92	0.678
31	22	3.188	2.550	0.80	0.621	3.075	2.460	0.80	0.660	3.000	2.400	0.80	0.678	2.875	2.300	0.80	0.707
31	24	3.350	2.278	0.68	0.650	3.225	2.193	0.68	0.685	3.150	2.142	0.68	0.707	3.050	2.074	0.68	0.743
31	26	3.450	1.932	0.56	0.685	3.350	1.876	0.56	0.721	3.300	1.848	0.56	0.743	3.200	1.792	0.56	0.764
32	18	2.938	2.938	1.00	0.571	2.813	2.813	1.00	0.600	2.700	2.700	1.00	0.628	2.600	2.600	1.00	0.657
32	20	3.063	2.940	0.96	0.600	2.938	2.820	0.96	0.635	2.850	2.736	0.96	0.650	2.750	2.640	0.96	0.678
32	22	3.188	2.678	0.84	0.621	3.075	2.583	0.84	0.660	3.000	2.520	0.84	0.678	2.875	2.415	0.84	0.707
32	24	3.350	2.412	0.72	0.650	3.225	2.322	0.72	0.685	3.150	2.268	0.72	0.707	3.050	2.196	0.72	0.743
32	26	3.450	2.070	0.60	0.685	3.350	2.010	0.60	0.721	3.300	1.980	0.60	0.743	3.200	1.920	0.60	0.764

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M25DA2 SEZ-M25DAL2 / SUZ-M25VA
 CAPACITY :2.500kW INPUT :0.714kW SHF :0.82

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.568	0.64	0.700	2.250	1.440	0.64	0.743	2.075	1.328	0.64	0.771
21	20	2.575	1.339	0.52	0.728	2.400	1.248	0.52	0.764	2.225	1.157	0.52	0.807
22	18	2.450	1.666	0.68	0.700	2.250	1.530	0.68	0.743	2.075	1.411	0.68	0.771
22	20	2.575	1.442	0.56	0.728	2.400	1.344	0.56	0.764	2.225	1.246	0.56	0.807
22	22	2.725	1.199	0.44	0.757	2.550	1.122	0.44	0.800	2.375	1.045	0.44	0.828
23	18	2.450	1.764	0.72	0.700	2.250	1.620	0.72	0.743	2.075	1.494	0.72	0.771
23	20	2.575	1.545	0.60	0.728	2.400	1.440	0.60	0.764	2.225	1.335	0.60	0.807
23	22	2.725	1.308	0.48	0.757	2.550	1.224	0.48	0.800	2.375	1.140	0.48	0.828
24	18	2.450	1.862	0.76	0.700	2.250	1.710	0.76	0.743	2.075	1.577	0.76	0.771
24	20	2.575	1.648	0.64	0.728	2.400	1.536	0.64	0.764	2.225	1.424	0.64	0.807
24	22	2.725	1.417	0.52	0.757	2.550	1.326	0.52	0.800	2.375	1.235	0.52	0.828
24	24	2.875	1.150	0.40	0.785	2.700	1.080	0.40	0.821	2.550	1.020	0.40	0.857
25	20	2.575	1.751	0.68	0.728	2.400	1.632	0.68	0.764	2.225	1.513	0.68	0.807
25	22	2.725	1.526	0.56	0.757	2.550	1.428	0.56	0.800	2.375	1.330	0.56	0.828
25	24	2.875	1.265	0.44	0.785	2.700	1.188	0.44	0.821	2.550	1.122	0.44	0.857
26	18	2.450	2.058	0.84	0.700	2.250	1.890	0.84	0.743	2.075	1.743	0.84	0.771
26	20	2.575	1.854	0.72	0.728	2.400	1.728	0.72	0.764	2.225	1.602	0.72	0.807
26	22	2.725	1.635	0.60	0.757	2.550	1.530	0.60	0.800	2.375	1.425	0.60	0.828
26	24	2.875	1.380	0.48	0.785	2.700	1.296	0.48	0.821	2.550	1.224	0.48	0.857
26	26	3.025	1.089	0.36	0.814	2.850	1.026	0.36	0.850	2.675	0.963	0.36	0.885
27	18	2.450	2.156	0.88	0.700	2.250	1.980	0.88	0.743	2.075	1.826	0.88	0.771
27	20	2.575	1.957	0.76	0.728	2.400	1.824	0.76	0.764	2.225	1.691	0.76	0.807
27	22	2.725	1.744	0.64	0.757	2.550	1.632	0.64	0.800	2.375	1.520	0.64	0.828
27	24	2.875	1.495	0.52	0.785	2.700	1.404	0.52	0.821	2.550	1.326	0.52	0.857
27	26	3.025	1.210	0.40	0.814	2.850	1.140	0.40	0.850	2.675	1.070	0.40	0.885
28	18	2.450	2.254	0.92	0.700	2.250	2.070	0.92	0.743	2.075	1.909	0.92	0.771
28	20	2.575	2.060	0.80	0.728	2.400	1.920	0.80	0.764	2.225	1.780	0.80	0.807
28	22	2.725	1.853	0.68	0.757	2.550	1.734	0.68	0.800	2.375	1.615	0.68	0.828
28	24	2.875	1.610	0.56	0.785	2.700	1.512	0.56	0.821	2.550	1.428	0.56	0.857
28	26	3.025	1.331	0.44	0.814	2.850	1.254	0.44	0.850	2.675	1.177	0.44	0.885
29	18	2.450	2.352	0.96	0.700	2.250	2.160	0.96	0.743	2.075	1.992	0.96	0.771
29	20	2.575	2.163	0.84	0.728	2.400	2.016	0.84	0.764	2.225	1.869	0.84	0.807
29	22	2.725	1.962	0.72	0.757	2.550	1.836	0.72	0.800	2.375	1.710	0.72	0.828
29	24	2.875	1.725	0.60	0.785	2.700	1.620	0.60	0.821	2.550	1.530	0.60	0.857
29	26	3.025	1.452	0.48	0.814	2.850	1.368	0.48	0.850	2.675	1.284	0.48	0.885
30	18	2.450	2.450	1.00	0.700	2.250	2.250	1.00	0.743	2.075	2.075	1.00	0.771
30	20	2.575	2.266	0.88	0.728	2.400	2.112	0.88	0.764	2.225	1.958	0.88	0.807
30	22	2.725	2.071	0.76	0.757	2.550	1.938	0.76	0.800	2.375	1.805	0.76	0.828
30	24	2.875	1.840	0.64	0.785	2.700	1.728	0.64	0.821	2.550	1.632	0.64	0.857
30	26	3.025	1.573	0.52	0.814	2.850	1.482	0.52	0.850	2.675	1.391	0.52	0.885
31	18	2.450	2.450	1.00	0.700	2.250	2.250	1.00	0.743	2.075	2.075	1.00	0.771
31	20	2.575	2.369	0.92	0.728	2.400	2.208	0.92	0.764	2.225	2.047	0.92	0.807
31	22	2.725	2.180	0.80	0.757	2.550	2.040	0.80	0.800	2.375	1.900	0.80	0.828
31	24	2.875	1.955	0.68	0.785	2.700	1.836	0.68	0.821	2.550	1.734	0.68	0.857
31	26	3.025	1.694	0.56	0.814	2.850	1.596	0.56	0.850	2.675	1.498	0.56	0.885
32	18	2.450	2.450	1.00	0.700	2.250	2.250	1.00	0.743	2.075	2.075	1.00	0.771
32	20	2.575	2.472	0.96	0.728	2.400	2.304	0.96	0.764	2.225	2.136	0.96	0.807
32	22	2.725	2.289	0.84	0.757	2.550	2.142	0.84	0.800	2.375	1.995	0.84	0.828
32	24	2.875	2.070	0.72	0.785	2.700	1.944	0.72	0.821	2.550	1.836	0.72	0.857
32	26	3.025	1.815	0.60	0.814	2.850	1.710	0.60	0.850	2.675	1.605	0.60	0.885

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M35DA2 SEZ-M35DAL2 / SUZ-M35VA
 CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.468	0.60	0.800	3.938	2.363	0.60	0.840	3.780	2.268	0.60	0.880	3.640	2.184	0.60	0.920
21	20	4.288	2.058	0.48	0.840	4.113	1.974	0.48	0.890	3.990	1.915	0.48	0.910	3.850	1.848	0.48	0.950
22	18	4.113	2.632	0.64	0.800	3.938	2.520	0.64	0.840	3.780	2.419	0.64	0.880	3.640	2.330	0.64	0.920
22	20	4.288	2.230	0.52	0.840	4.113	2.139	0.52	0.890	3.990	2.075	0.52	0.910	3.850	2.002	0.52	0.950
22	22	4.463	1.785	0.40	0.870	4.305	1.722	0.40	0.925	4.200	1.680	0.40	0.950	4.025	1.610	0.40	0.990
23	18	4.113	2.797	0.68	0.800	3.938	2.678	0.68	0.840	3.780	2.570	0.68	0.880	3.640	2.475	0.68	0.920
23	20	4.288	2.401	0.56	0.840	4.113	2.303	0.56	0.890	3.990	2.234	0.56	0.910	3.850	2.156	0.56	0.950
23	22	4.463	1.964	0.44	0.870	4.305	1.894	0.44	0.925	4.200	1.848	0.44	0.950	4.025	1.771	0.44	0.990
24	18	4.113	2.961	0.72	0.800	3.938	2.835	0.72	0.840	3.780	2.722	0.72	0.880	3.640	2.621	0.72	0.920
24	20	4.288	2.573	0.60	0.840	4.113	2.468	0.60	0.890	3.990	2.394	0.60	0.910	3.850	2.310	0.60	0.950
24	22	4.463	2.142	0.48	0.870	4.305	2.066	0.48	0.925	4.200	2.016	0.48	0.950	4.025	1.932	0.48	0.990
24	24	4.690	1.688	0.36	0.910	4.515	1.625	0.36	0.960	4.410	1.588	0.36	0.990	4.270	1.537	0.36	1.040
25	20	4.288	2.744	0.64	0.840	4.113	2.632	0.64	0.890	3.990	2.554	0.64	0.910	3.850	2.464	0.64	0.950
25	22	4.463	2.321	0.52	0.870	4.305	2.239	0.52	0.925	4.200	2.184	0.52	0.950	4.025	2.093	0.52	0.990
25	24	4.690	1.876	0.40	0.910	4.515	1.806	0.40	0.960	4.410	1.764	0.40	0.990	4.270	1.708	0.40	1.040
26	18	4.113	3.290	0.80	0.800	3.938	3.150	0.80	0.840	3.780	3.024	0.80	0.880	3.640	2.912	0.80	0.920
26	20	4.288	2.916	0.68	0.840	4.113	2.797	0.68	0.890	3.990	2.713	0.68	0.910	3.850	2.618	0.68	0.950
26	22	4.463	2.499	0.56	0.870	4.305	2.411	0.56	0.925	4.200	2.352	0.56	0.950	4.025	2.254	0.56	0.990
26	24	4.690	2.064	0.44	0.910	4.515	1.987	0.44	0.960	4.410	1.940	0.44	0.990	4.270	1.879	0.44	1.040
26	26	4.830	1.546	0.32	0.960	4.690	1.501	0.32	1.010	4.620	1.478	0.32	1.040	4.480	1.434	0.32	1.070
27	18	4.113	3.455	0.84	0.800	3.938	3.308	0.84	0.840	3.780	3.175	0.84	0.880	3.640	3.058	0.84	0.920
27	20	4.288	3.087	0.72	0.840	4.113	2.961	0.72	0.890	3.990	2.873	0.72	0.910	3.850	2.772	0.72	0.950
27	22	4.463	2.678	0.60	0.870	4.305	2.583	0.60	0.925	4.200	2.520	0.60	0.950	4.025	2.415	0.60	0.990
27	24	4.690	2.251	0.48	0.910	4.515	2.167	0.48	0.960	4.410	2.117	0.48	0.990	4.270	2.050	0.48	1.040
27	26	4.830	1.739	0.36	0.960	4.690	1.688	0.36	1.010	4.620	1.663	0.36	1.040	4.480	1.613	0.36	1.070
28	18	4.113	3.619	0.88	0.800	3.938	3.465	0.88	0.840	3.780	3.326	0.88	0.880	3.640	3.203	0.88	0.920
28	20	4.288	3.259	0.76	0.840	4.113	3.126	0.76	0.890	3.990	3.032	0.76	0.910	3.850	2.926	0.76	0.950
28	22	4.463	2.856	0.64	0.870	4.305	2.755	0.64	0.925	4.200	2.688	0.64	0.950	4.025	2.576	0.64	0.990
28	24	4.690	2.439	0.52	0.910	4.515	2.348	0.52	0.960	4.410	2.293	0.52	0.990	4.270	2.220	0.52	1.040
28	26	4.830	1.932	0.40	0.960	4.690	1.876	0.40	1.010	4.620	1.848	0.40	1.040	4.480	1.792	0.40	1.070
29	18	4.113	3.784	0.92	0.800	3.938	3.623	0.92	0.840	3.780	3.478	0.92	0.880	3.640	3.349	0.92	0.920
29	20	4.288	3.430	0.80	0.840	4.113	3.290	0.80	0.890	3.990	3.192	0.80	0.910	3.850	3.080	0.80	0.950
29	22	4.463	3.035	0.68	0.870	4.305	2.927	0.68	0.925	4.200	2.856	0.68	0.950	4.025	2.737	0.68	0.990
29	24	4.690	2.626	0.56	0.910	4.515	2.528	0.56	0.960	4.410	2.470	0.56	0.990	4.270	2.391	0.56	1.040
29	26	4.830	2.125	0.44	0.960	4.690	2.064	0.44	1.010	4.620	2.033	0.44	1.040	4.480	1.971	0.44	1.070
30	18	4.113	3.948	0.96	0.800	3.938	3.780	0.96	0.840	3.780	3.629	0.96	0.880	3.640	3.494	0.96	0.920
30	20	4.288	3.602	0.84	0.840	4.113	3.455	0.84	0.890	3.990	3.352	0.84	0.910	3.850	3.234	0.84	0.950
30	22	4.463	3.213	0.72	0.870	4.305	3.100	0.72	0.925	4.200	3.024	0.72	0.950	4.025	2.898	0.72	0.990
30	24	4.690	2.814	0.60	0.910	4.515	2.709	0.60	0.960	4.410	2.646	0.60	0.990	4.270	2.562	0.60	1.040
30	26	4.830	2.318	0.48	0.960	4.690	2.251	0.48	1.010	4.620	2.218	0.48	1.040	4.480	2.150	0.48	1.070
31	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
31	20	4.288	3.773	0.88	0.840	4.113	3.619	0.88	0.890	3.990	3.511	0.88	0.910	3.850	3.388	0.88	0.950
31	22	4.463	3.392	0.76	0.870	4.305	3.272	0.76	0.925	4.200	3.192	0.76	0.950	4.025	3.059	0.76	0.990
31	24	4.690	3.002	0.64	0.910	4.515	2.890	0.64	0.960	4.410	2.822	0.64	0.990	4.270	2.733	0.64	1.040
31	26	4.830	2.512	0.52	0.960	4.690	2.439	0.52	1.010	4.620	2.402	0.52	1.040	4.480	2.330	0.52	1.070
32	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
32	20	4.288	3.945	0.92	0.840	4.113	3.784	0.92	0.890	3.990	3.671	0.92	0.910	3.850	3.542	0.92	0.950
32	22	4.463	3.570	0.80	0.870	4.305	3.444	0.80	0.925	4.200	3.360	0.80	0.950	4.025	3.220	0.80	0.990
32	24	4.690	3.189	0.68	0.910	4.515	3.070	0.68	0.960	4.410	2.999	0.68	0.990	4.270	2.904	0.68	1.040
32	26	4.830	2.705	0.56	0.960	4.690	2.626	0.56	1.010	4.620	2.587	0.56	1.040	4.480	2.509	0.56	1.070

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M35DA2 SEZ-M35DAL2 / SUZ-M35VA
 CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	2.058	0.60	0.980	3.150	1.890	0.60	1.040	2.905	1.743	0.60	1.080
21	20	3.605	1.730	0.48	1.020	3.360	1.613	0.48	1.070	3.115	1.495	0.48	1.130
22	18	3.430	2.195	0.64	0.980	3.150	2.016	0.64	1.040	2.905	1.859	0.64	1.080
22	20	3.605	1.875	0.52	1.020	3.360	1.747	0.52	1.070	3.115	1.620	0.52	1.130
22	22	3.815	1.526	0.40	1.060	3.570	1.428	0.40	1.120	3.325	1.330	0.40	1.160
23	18	3.430	2.332	0.68	0.980	3.150	2.142	0.68	1.040	2.905	1.975	0.68	1.080
23	20	3.605	2.019	0.56	1.020	3.360	1.882	0.56	1.070	3.115	1.744	0.56	1.130
23	22	3.815	1.679	0.44	1.060	3.570	1.571	0.44	1.120	3.325	1.463	0.44	1.160
24	18	3.430	2.470	0.72	0.980	3.150	2.268	0.72	1.040	2.905	2.092	0.72	1.080
24	20	3.605	2.163	0.60	1.020	3.360	2.016	0.60	1.070	3.115	1.869	0.60	1.130
24	22	3.815	1.831	0.48	1.060	3.570	1.714	0.48	1.120	3.325	1.596	0.48	1.160
24	24	4.025	1.449	0.36	1.100	3.780	1.361	0.36	1.150	3.570	1.285	0.36	1.200
25	20	3.605	2.307	0.64	1.020	3.360	2.150	0.64	1.070	3.115	1.994	0.64	1.130
25	22	3.815	1.984	0.52	1.060	3.570	1.856	0.52	1.120	3.325	1.729	0.52	1.160
25	24	4.025	1.610	0.40	1.100	3.780	1.512	0.40	1.150	3.570	1.428	0.40	1.200
26	18	3.430	2.744	0.80	0.980	3.150	2.520	0.80	1.040	2.905	2.324	0.80	1.080
26	20	3.605	2.451	0.68	1.020	3.360	2.285	0.68	1.070	3.115	2.118	0.68	1.130
26	22	3.815	2.136	0.56	1.060	3.570	1.999	0.56	1.120	3.325	1.862	0.56	1.160
26	24	4.025	1.771	0.44	1.100	3.780	1.663	0.44	1.150	3.570	1.571	0.44	1.200
26	26	4.235	1.355	0.32	1.140	3.990	1.277	0.32	1.190	3.745	1.198	0.32	1.240
27	18	3.430	2.881	0.84	0.980	3.150	2.646	0.84	1.040	2.905	2.440	0.84	1.080
27	20	3.605	2.596	0.72	1.020	3.360	2.419	0.72	1.070	3.115	2.243	0.72	1.130
27	22	3.815	2.289	0.60	1.060	3.570	2.142	0.60	1.120	3.325	1.995	0.60	1.160
27	24	4.025	1.932	0.48	1.100	3.780	1.814	0.48	1.150	3.570	1.714	0.48	1.200
27	26	4.235	1.525	0.36	1.140	3.990	1.436	0.36	1.190	3.745	1.348	0.36	1.240
28	18	3.430	3.018	0.88	0.980	3.150	2.772	0.88	1.040	2.905	2.556	0.88	1.080
28	20	3.605	2.740	0.76	1.020	3.360	2.554	0.76	1.070	3.115	2.367	0.76	1.130
28	22	3.815	2.442	0.64	1.060	3.570	2.285	0.64	1.120	3.325	2.128	0.64	1.160
28	24	4.025	2.093	0.52	1.100	3.780	1.966	0.52	1.150	3.570	1.856	0.52	1.200
28	26	4.235	1.694	0.40	1.140	3.990	1.596	0.40	1.190	3.745	1.498	0.40	1.240
29	18	3.430	3.156	0.92	0.980	3.150	2.898	0.92	1.040	2.905	2.673	0.92	1.080
29	20	3.605	2.884	0.80	1.020	3.360	2.688	0.80	1.070	3.115	2.492	0.80	1.130
29	22	3.815	2.594	0.68	1.060	3.570	2.428	0.68	1.120	3.325	2.261	0.68	1.160
29	24	4.025	2.254	0.56	1.100	3.780	2.117	0.56	1.150	3.570	1.999	0.56	1.200
29	26	4.235	1.863	0.44	1.140	3.990	1.756	0.44	1.190	3.745	1.648	0.44	1.240
30	18	3.430	3.293	0.96	0.980	3.150	3.024	0.96	1.040	2.905	2.789	0.96	1.080
30	20	3.605	3.028	0.84	1.020	3.360	2.822	0.84	1.070	3.115	2.617	0.84	1.130
30	22	3.815	2.747	0.72	1.060	3.570	2.570	0.72	1.120	3.325	2.394	0.72	1.160
30	24	4.025	2.415	0.60	1.100	3.780	2.268	0.60	1.150	3.570	2.142	0.60	1.200
30	26	4.235	2.033	0.48	1.140	3.990	1.915	0.48	1.190	3.745	1.798	0.48	1.240
31	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
31	20	3.605	3.172	0.88	1.020	3.360	2.957	0.88	1.070	3.115	2.741	0.88	1.130
31	22	3.815	2.899	0.76	1.060	3.570	2.713	0.76	1.120	3.325	2.527	0.76	1.160
31	24	4.025	2.576	0.64	1.100	3.780	2.419	0.64	1.150	3.570	2.285	0.64	1.200
31	26	4.235	2.202	0.52	1.140	3.990	2.075	0.52	1.190	3.745	1.947	0.52	1.240
32	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
32	20	3.605	3.317	0.92	1.020	3.360	3.091	0.92	1.070	3.115	2.866	0.92	1.130
32	22	3.815	3.052	0.80	1.060	3.570	2.856	0.80	1.120	3.325	2.660	0.80	1.160
32	24	4.025	2.737	0.68	1.100	3.780	2.570	0.68	1.150	3.570	2.428	0.68	1.200
32	26	4.235	2.372	0.56	1.140	3.990	2.234	0.56	1.190	3.745	2.097	0.56	1.240

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M50DA2 SEZ-M50DAL2 / SUZ-M50VA
 CAPACITY :5.000kW INPUT :1.547kW SHF :0.76

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.408	0.58	1.238	5.625	3.263	0.58	1.299	5.400	3.132	0.58	1.361	5.200	3.016	0.58	1.423
21	20	6.125	2.818	0.46	1.299	5.875	2.703	0.46	1.377	5.700	2.622	0.46	1.408	5.500	2.530	0.46	1.470
22	18	5.875	3.643	0.62	1.238	5.625	3.488	0.62	1.299	5.400	3.348	0.62	1.361	5.200	3.224	0.62	1.423
22	20	6.125	3.063	0.50	1.299	5.875	2.938	0.50	1.377	5.700	2.850	0.50	1.408	5.500	2.750	0.50	1.470
22	22	6.375	2.423	0.38	1.346	6.150	2.337	0.38	1.431	6.000	2.280	0.38	1.470	5.750	2.185	0.38	1.532
23	18	5.875	3.878	0.66	1.238	5.625	3.713	0.66	1.299	5.400	3.564	0.66	1.361	5.200	3.432	0.66	1.423
23	20	6.125	3.308	0.54	1.299	5.875	3.173	0.54	1.377	5.700	3.078	0.54	1.408	5.500	2.970	0.54	1.470
23	22	6.375	2.678	0.42	1.346	6.150	2.583	0.42	1.431	6.000	2.520	0.42	1.470	5.750	2.415	0.42	1.532
24	18	5.875	4.113	0.70	1.238	5.625	3.938	0.70	1.299	5.400	3.780	0.70	1.361	5.200	3.640	0.70	1.423
24	20	6.125	3.553	0.58	1.299	5.875	3.408	0.58	1.377	5.700	3.306	0.58	1.408	5.500	3.190	0.58	1.470
24	22	6.375	2.933	0.46	1.346	6.150	2.829	0.46	1.431	6.000	2.760	0.46	1.470	5.750	2.645	0.46	1.532
24	24	6.700	2.278	0.34	1.408	6.450	2.193	0.34	1.485	6.300	2.142	0.34	1.532	6.100	2.074	0.34	1.609
25	20	6.125	3.798	0.62	1.299	5.875	3.643	0.62	1.377	5.700	3.534	0.62	1.408	5.500	3.410	0.62	1.470
25	22	6.375	3.188	0.50	1.346	6.150	3.075	0.50	1.431	6.000	3.000	0.50	1.470	5.750	2.875	0.50	1.532
25	24	6.700	2.546	0.38	1.408	6.450	2.451	0.38	1.485	6.300	2.394	0.38	1.532	6.100	2.318	0.38	1.609
26	18	5.875	4.583	0.78	1.238	5.625	4.388	0.78	1.299	5.400	4.212	0.78	1.361	5.200	4.056	0.78	1.423
26	20	6.125	4.043	0.66	1.299	5.875	3.878	0.66	1.377	5.700	3.762	0.66	1.408	5.500	3.630	0.66	1.470
26	22	6.375	3.443	0.54	1.346	6.150	3.321	0.54	1.431	6.000	3.240	0.54	1.470	5.750	3.105	0.54	1.532
26	24	6.700	2.814	0.42	1.408	6.450	2.709	0.42	1.485	6.300	2.646	0.42	1.532	6.100	2.562	0.42	1.609
26	26	6.900	2.070	0.30	1.485	6.700	2.010	0.30	1.562	6.600	1.980	0.30	1.609	6.400	1.920	0.30	1.655
27	18	5.875	4.818	0.82	1.238	5.625	4.613	0.82	1.299	5.400	4.428	0.82	1.361	5.200	4.264	0.82	1.423
27	20	6.125	4.288	0.70	1.299	5.875	4.113	0.70	1.377	5.700	3.990	0.70	1.408	5.500	3.850	0.70	1.470
27	22	6.375	3.698	0.58	1.346	6.150	3.567	0.58	1.431	6.000	3.480	0.58	1.470	5.750	3.335	0.58	1.532
27	24	6.700	3.082	0.46	1.408	6.450	2.967	0.46	1.485	6.300	2.898	0.46	1.532	6.100	2.806	0.46	1.609
27	26	6.900	2.346	0.34	1.485	6.700	2.278	0.34	1.562	6.600	2.244	0.34	1.609	6.400	2.176	0.34	1.655
28	18	5.875	5.053	0.86	1.238	5.625	4.838	0.86	1.299	5.400	4.644	0.86	1.361	5.200	4.472	0.86	1.423
28	20	6.125	4.533	0.74	1.299	5.875	4.348	0.74	1.377	5.700	4.218	0.74	1.408	5.500	4.070	0.74	1.470
28	22	6.375	3.953	0.62	1.346	6.150	3.813	0.62	1.431	6.000	3.720	0.62	1.470	5.750	3.565	0.62	1.532
28	24	6.700	3.350	0.50	1.408	6.450	3.225	0.50	1.485	6.300	3.150	0.50	1.532	6.100	3.050	0.50	1.609
28	26	6.900	2.622	0.38	1.485	6.700	2.546	0.38	1.562	6.600	2.508	0.38	1.609	6.400	2.432	0.38	1.655
29	18	5.875	5.288	0.90	1.238	5.625	5.063	0.90	1.299	5.400	4.860	0.90	1.361	5.200	4.680	0.90	1.423
29	20	6.125	4.778	0.78	1.299	5.875	4.583	0.78	1.377	5.700	4.446	0.78	1.408	5.500	4.290	0.78	1.470
29	22	6.375	4.208	0.66	1.346	6.150	4.059	0.66	1.431	6.000	3.960	0.66	1.470	5.750	3.795	0.66	1.532
29	24	6.700	3.618	0.54	1.408	6.450	3.483	0.54	1.485	6.300	3.402	0.54	1.532	6.100	3.294	0.54	1.609
29	26	6.900	2.898	0.42	1.485	6.700	2.814	0.42	1.562	6.600	2.772	0.42	1.609	6.400	2.688	0.42	1.655
30	18	5.875	5.523	0.94	1.238	5.625	5.288	0.94	1.299	5.400	5.076	0.94	1.361	5.200	4.888	0.94	1.423
30	20	6.125	5.023	0.82	1.299	5.875	4.818	0.82	1.377	5.700	4.674	0.82	1.408	5.500	4.510	0.82	1.470
30	22	6.375	4.463	0.70	1.346	6.150	4.305	0.70	1.431	6.000	4.200	0.70	1.470	5.750	4.025	0.70	1.532
30	24	6.700	3.886	0.58	1.408	6.450	3.741	0.58	1.485	6.300	3.654	0.58	1.532	6.100	3.538	0.58	1.609
30	26	6.900	3.174	0.46	1.485	6.700	3.082	0.46	1.562	6.600	3.036	0.46	1.609	6.400	2.944	0.46	1.655
31	18	5.875	5.758	0.98	1.238	5.625	5.513	0.98	1.299	5.400	5.292	0.98	1.361	5.200	5.096	0.98	1.423
31	20	6.125	5.268	0.86	1.299	5.875	5.053	0.86	1.377	5.700	4.902	0.86	1.408	5.500	4.730	0.86	1.470
31	22	6.375	4.718	0.74	1.346	6.150	4.551	0.74	1.431	6.000	4.440	0.74	1.470	5.750	4.255	0.74	1.532
31	24	6.700	4.154	0.62	1.408	6.450	3.999	0.62	1.485	6.300	3.906	0.62	1.532	6.100	3.782	0.62	1.609
31	26	6.900	3.450	0.50	1.485	6.700	3.350	0.50	1.562	6.600	3.300	0.50	1.609	6.400	3.200	0.50	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	5.513	0.90	1.299	5.875	5.288	0.90	1.377	5.700	5.130	0.90	1.408	5.500	4.950	0.90	1.470
32	22	6.375	4.973	0.78	1.346	6.150	4.797	0.78	1.431	6.000	4.680	0.78	1.470	5.750	4.485	0.78	1.532
32	24	6.700	4.422	0.66	1.408	6.450	4.257	0.66	1.485	6.300	4.158	0.66	1.532	6.100	4.026	0.66	1.609
32	26	6.900	3.726	0.54	1.485	6.700	3.618	0.54	1.562	6.600	3.564	0.54	1.609	6.400	3.456	0.54	1.655

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M50DA2 SEZ-M50DAL2 / SUZ-M50VA
 CAPACITY :5.000kW INPUT :1.547kW SHF :0.76

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.842	0.58	1.516	4.500	2.610	0.58	1.609	4.150	2.407	0.58	1.671
21	20	5.150	2.369	0.46	1.578	4.800	2.208	0.46	1.655	4.450	2.047	0.46	1.748
22	18	4.900	3.038	0.62	1.516	4.500	2.790	0.62	1.609	4.150	2.573	0.62	1.671
22	20	5.150	2.575	0.50	1.578	4.800	2.400	0.50	1.655	4.450	2.225	0.50	1.748
22	22	5.450	2.071	0.38	1.640	5.100	1.938	0.38	1.733	4.750	1.805	0.38	1.795
23	18	4.900	3.234	0.66	1.516	4.500	2.970	0.66	1.609	4.150	2.739	0.66	1.671
23	20	5.150	2.781	0.54	1.578	4.800	2.592	0.54	1.655	4.450	2.403	0.54	1.748
23	22	5.450	2.289	0.42	1.640	5.100	2.142	0.42	1.733	4.750	1.995	0.42	1.795
24	18	4.900	3.430	0.70	1.516	4.500	3.150	0.70	1.609	4.150	2.905	0.70	1.671
24	20	5.150	2.987	0.58	1.578	4.800	2.784	0.58	1.655	4.450	2.581	0.58	1.748
24	22	5.450	2.507	0.46	1.640	5.100	2.346	0.46	1.733	4.750	2.185	0.46	1.795
24	24	5.750	1.955	0.34	1.702	5.400	1.836	0.34	1.779	5.100	1.734	0.34	1.856
25	20	5.150	3.193	0.62	1.578	4.800	2.976	0.62	1.655	4.450	2.759	0.62	1.748
25	22	5.450	2.725	0.50	1.640	5.100	2.550	0.50	1.733	4.750	2.375	0.50	1.795
25	24	5.750	2.185	0.38	1.702	5.400	2.052	0.38	1.779	5.100	1.938	0.38	1.856
26	18	4.900	3.822	0.78	1.516	4.500	3.510	0.78	1.609	4.150	3.237	0.78	1.671
26	20	5.150	3.399	0.66	1.578	4.800	3.168	0.66	1.655	4.450	2.937	0.66	1.748
26	22	5.450	2.943	0.54	1.640	5.100	2.754	0.54	1.733	4.750	2.565	0.54	1.795
26	24	5.750	2.415	0.42	1.702	5.400	2.268	0.42	1.779	5.100	2.142	0.42	1.856
26	26	6.050	1.815	0.30	1.764	5.700	1.710	0.30	1.841	5.350	1.605	0.30	1.918
27	18	4.900	4.018	0.82	1.516	4.500	3.690	0.82	1.609	4.150	3.403	0.82	1.671
27	20	5.150	3.605	0.70	1.578	4.800	3.360	0.70	1.655	4.450	3.115	0.70	1.748
27	22	5.450	3.161	0.58	1.640	5.100	2.958	0.58	1.733	4.750	2.755	0.58	1.795
27	24	5.750	2.645	0.46	1.702	5.400	2.484	0.46	1.779	5.100	2.346	0.46	1.856
27	26	6.050	2.057	0.34	1.764	5.700	1.938	0.34	1.841	5.350	1.819	0.34	1.918
28	18	4.900	4.214	0.86	1.516	4.500	3.870	0.86	1.609	4.150	3.569	0.86	1.671
28	20	5.150	3.811	0.74	1.578	4.800	3.552	0.74	1.655	4.450	3.293	0.74	1.748
28	22	5.450	3.379	0.62	1.640	5.100	3.162	0.62	1.733	4.750	2.945	0.62	1.795
28	24	5.750	2.875	0.50	1.702	5.400	2.700	0.50	1.779	5.100	2.550	0.50	1.856
28	26	6.050	2.299	0.38	1.764	5.700	2.166	0.38	1.841	5.350	2.033	0.38	1.918
29	18	4.900	4.410	0.90	1.516	4.500	4.050	0.90	1.609	4.150	3.735	0.90	1.671
29	20	5.150	4.017	0.78	1.578	4.800	3.744	0.78	1.655	4.450	3.471	0.78	1.748
29	22	5.450	3.597	0.66	1.640	5.100	3.366	0.66	1.733	4.750	3.135	0.66	1.795
29	24	5.750	3.105	0.54	1.702	5.400	2.916	0.54	1.779	5.100	2.754	0.54	1.856
29	26	6.050	2.541	0.42	1.764	5.700	2.394	0.42	1.841	5.350	2.247	0.42	1.918
30	18	4.900	4.606	0.94	1.516	4.500	4.230	0.94	1.609	4.150	3.901	0.94	1.671
30	20	5.150	4.223	0.82	1.578	4.800	3.936	0.82	1.655	4.450	3.649	0.82	1.748
30	22	5.450	3.815	0.70	1.640	5.100	3.570	0.70	1.733	4.750	3.325	0.70	1.795
30	24	5.750	3.335	0.58	1.702	5.400	3.132	0.58	1.779	5.100	2.958	0.58	1.856
30	26	6.050	2.783	0.46	1.764	5.700	2.622	0.46	1.841	5.350	2.461	0.46	1.918
31	18	4.900	4.802	0.98	1.516	4.500	4.410	0.98	1.609	4.150	4.067	0.98	1.671
31	20	5.150	4.429	0.86	1.578	4.800	4.128	0.86	1.655	4.450	3.827	0.86	1.748
31	22	5.450	4.033	0.74	1.640	5.100	3.774	0.74	1.733	4.750	3.515	0.74	1.795
31	24	5.750	3.565	0.62	1.702	5.400	3.348	0.62	1.779	5.100	3.162	0.62	1.856
31	26	6.050	3.025	0.50	1.764	5.700	2.850	0.50	1.841	5.350	2.675	0.50	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	4.635	0.90	1.578	4.800	4.320	0.90	1.655	4.450	4.005	0.90	1.748
32	22	5.450	4.251	0.78	1.640	5.100	3.978	0.78	1.733	4.750	3.705	0.78	1.795
32	24	5.750	3.795	0.66	1.702	5.400	3.564	0.66	1.779	5.100	3.366	0.66	1.856
32	26	6.050	3.267	0.54	1.764	5.700	3.078	0.54	1.841	5.350	2.889	0.54	1.918

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M60DA2 SEZ-M60DAL2 / SUZ-M60VA
 CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.086	0.57	1.478	6.863	3.912	0.57	1.552	6.588	3.755	0.57	1.626	6.344	3.616	0.57	1.700
21	20	7.473	3.363	0.45	1.552	7.168	3.226	0.45	1.645	6.954	3.129	0.45	1.682	6.710	3.020	0.45	1.756
22	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
22	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	22	7.778	2.878	0.37	1.608	7.503	2.776	0.37	1.709	7.320	2.708	0.37	1.756	7.015	2.596	0.37	1.830
23	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
23	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
23	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
24	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
24	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
24	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	24	8.174	2.697	0.33	1.682	7.869	2.597	0.33	1.774	7.686	2.536	0.33	1.830	7.442	2.456	0.33	1.922
25	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
25	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
25	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
26	18	7.168	5.519	0.77	1.478	6.863	5.285	0.77	1.552	6.588	5.073	0.77	1.626	6.344	4.885	0.77	1.700
26	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
26	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
26	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	26	8.418	2.441	0.29	1.774	8.174	2.370	0.29	1.866	8.052	2.335	0.29	1.922	7.808	2.264	0.29	1.977
27	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
27	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
27	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
27	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
27	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
28	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
28	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
28	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
28	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
28	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
29	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
29	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
29	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
29	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
29	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
30	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
30	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
30	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
30	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
30	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
31	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
31	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
31	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
31	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
31	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
32	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
32	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
32	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.268	0.53	1.922	7.808	4.138	0.53	1.977

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M60DA2 SEZ-M60DAL2 / SUZ-M60VA
 CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.407	0.57	1.811	5.490	3.129	0.57	1.922	5.063	2.886	0.57	1.996
21	20	6.283	2.827	0.45	1.885	5.856	2.635	0.45	1.977	5.429	2.443	0.45	2.088
22	18	5.978	3.647	0.61	1.811	5.490	3.349	0.61	1.922	5.063	3.088	0.61	1.996
22	20	6.283	3.079	0.49	1.885	5.856	2.869	0.49	1.977	5.429	2.660	0.49	2.088
22	22	6.649	2.460	0.37	1.959	6.222	2.302	0.37	2.070	5.795	2.144	0.37	2.144
23	18	5.978	3.886	0.65	1.811	5.490	3.569	0.65	1.922	5.063	3.291	0.65	1.996
23	20	6.283	3.330	0.53	1.885	5.856	3.104	0.53	1.977	5.429	2.877	0.53	2.088
23	22	6.649	2.726	0.41	1.959	6.222	2.551	0.41	2.070	5.795	2.376	0.41	2.144
24	18	5.978	4.125	0.69	1.811	5.490	3.788	0.69	1.922	5.063	3.493	0.69	1.996
24	20	6.283	3.581	0.57	1.885	5.856	3.338	0.57	1.977	5.429	3.095	0.57	2.088
24	22	6.649	2.992	0.45	1.959	6.222	2.800	0.45	2.070	5.795	2.608	0.45	2.144
24	24	7.015	2.315	0.33	2.033	6.588	2.174	0.33	2.125	6.222	2.053	0.33	2.218
25	20	6.283	3.833	0.61	1.885	5.856	3.572	0.61	1.977	5.429	3.312	0.61	2.088
25	22	6.649	3.258	0.49	1.959	6.222	3.049	0.49	2.070	5.795	2.840	0.49	2.144
25	24	7.015	2.596	0.37	2.033	6.588	2.438	0.37	2.125	6.222	2.302	0.37	2.218
26	18	5.978	4.603	0.77	1.811	5.490	4.227	0.77	1.922	5.063	3.899	0.77	1.996
26	20	6.283	4.084	0.65	1.885	5.856	3.806	0.65	1.977	5.429	3.529	0.65	2.088
26	22	6.649	3.524	0.53	1.959	6.222	3.298	0.53	2.070	5.795	3.071	0.53	2.144
26	24	7.015	2.876	0.41	2.033	6.588	2.701	0.41	2.125	6.222	2.551	0.41	2.218
26	26	7.381	2.140	0.29	2.107	6.954	2.017	0.29	2.199	6.527	1.893	0.29	2.292
27	18	5.978	4.842	0.81	1.811	5.490	4.447	0.81	1.922	5.063	4.101	0.81	1.996
27	20	6.283	4.335	0.69	1.885	5.856	4.041	0.69	1.977	5.429	3.746	0.69	2.088
27	22	6.649	3.790	0.57	1.959	6.222	3.547	0.57	2.070	5.795	3.303	0.57	2.144
27	24	7.015	3.157	0.45	2.033	6.588	2.965	0.45	2.125	6.222	2.800	0.45	2.218
27	26	7.381	2.436	0.33	2.107	6.954	2.295	0.33	2.199	6.527	2.154	0.33	2.292
28	18	5.978	5.081	0.85	1.811	5.490	4.667	0.85	1.922	5.063	4.304	0.85	1.996
28	20	6.283	4.587	0.73	1.885	5.856	4.275	0.73	1.977	5.429	3.963	0.73	2.088
28	22	6.649	4.056	0.61	1.959	6.222	3.795	0.61	2.070	5.795	3.535	0.61	2.144
28	24	7.015	3.437	0.49	2.033	6.588	3.228	0.49	2.125	6.222	3.049	0.49	2.218
28	26	7.381	2.731	0.37	2.107	6.954	2.573	0.37	2.199	6.527	2.415	0.37	2.292
29	18	5.978	5.320	0.89	1.811	5.490	4.886	0.89	1.922	5.063	4.506	0.89	1.996
29	20	6.283	4.838	0.77	1.885	5.856	4.509	0.77	1.977	5.429	4.180	0.77	2.088
29	22	6.649	4.322	0.65	1.959	6.222	4.044	0.65	2.070	5.795	3.767	0.65	2.144
29	24	7.015	3.718	0.53	2.033	6.588	3.492	0.53	2.125	6.222	3.298	0.53	2.218
29	26	7.381	3.026	0.41	2.107	6.954	2.851	0.41	2.199	6.527	2.676	0.41	2.292
30	18	5.978	5.560	0.93	1.811	5.490	5.106	0.93	1.922	5.063	4.709	0.93	1.996
30	20	6.283	5.089	0.81	1.885	5.856	4.743	0.81	1.977	5.429	4.397	0.81	2.088
30	22	6.649	4.588	0.69	1.959	6.222	4.293	0.69	2.070	5.795	3.999	0.69	2.144
30	24	7.015	3.999	0.57	2.033	6.588	3.755	0.57	2.125	6.222	3.547	0.57	2.218
30	26	7.381	3.321	0.45	2.107	6.954	3.129	0.45	2.199	6.527	2.937	0.45	2.292
31	18	5.978	5.799	0.97	1.811	5.490	5.325	0.97	1.922	5.063	4.911	0.97	1.996
31	20	6.283	5.341	0.85	1.885	5.856	4.978	0.85	1.977	5.429	4.615	0.85	2.088
31	22	6.649	4.854	0.73	1.959	6.222	4.542	0.73	2.070	5.795	4.230	0.73	2.144
31	24	7.015	4.279	0.61	2.033	6.588	4.019	0.61	2.125	6.222	3.795	0.61	2.218
31	26	7.381	3.617	0.49	2.107	6.954	3.407	0.49	2.199	6.527	3.198	0.49	2.292
32	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
32	20	6.283	5.592	0.89	1.885	5.856	5.212	0.89	1.977	5.429	4.832	0.89	2.088
32	22	6.649	5.120	0.77	1.959	6.222	4.791	0.77	2.070	5.795	4.462	0.77	2.144
32	24	7.015	4.560	0.65	2.033	6.588	4.282	0.65	2.125	6.222	4.044	0.65	2.218
32	26	7.381	3.912	0.53	2.107	6.954	3.686	0.53	2.199	6.527	3.459	0.53	2.292

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M71DA2 SEZ-M71DAL2 / SUZ-M71VA
 CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.721	7.988	4.473	0.56	1.807	7.668	4.294	0.56	1.893	7.384	4.135	0.56	1.979
21	20	8.698	3.827	0.44	1.807	8.343	3.671	0.44	1.914	8.094	3.561	0.44	1.957	7.810	3.436	0.44	2.043
22	18	8.343	5.006	0.60	1.721	7.988	4.793	0.60	1.807	7.668	4.601	0.60	1.893	7.384	4.430	0.60	1.979
22	20	8.698	4.175	0.48	1.807	8.343	4.005	0.48	1.914	8.094	3.885	0.48	1.957	7.810	3.749	0.48	2.043
22	22	9.053	3.259	0.36	1.871	8.733	3.144	0.36	1.990	8.520	3.067	0.36	2.043	8.165	2.939	0.36	2.129
23	18	8.343	5.340	0.64	1.721	7.988	5.112	0.64	1.807	7.668	4.908	0.64	1.893	7.384	4.726	0.64	1.979
23	20	8.698	4.523	0.52	1.807	8.343	4.338	0.52	1.914	8.094	4.209	0.52	1.957	7.810	4.061	0.52	2.043
23	22	9.053	3.621	0.40	1.871	8.733	3.493	0.40	1.990	8.520	3.408	0.40	2.043	8.165	3.266	0.40	2.129
24	18	8.343	5.673	0.68	1.721	7.988	5.432	0.68	1.807	7.668	5.214	0.68	1.893	7.384	5.021	0.68	1.979
24	20	8.698	4.871	0.56	1.807	8.343	4.672	0.56	1.914	8.094	4.533	0.56	1.957	7.810	4.374	0.56	2.043
24	22	9.053	3.983	0.44	1.871	8.733	3.843	0.44	1.990	8.520	3.749	0.44	2.043	8.165	3.593	0.44	2.129
24	24	9.514	3.044	0.32	1.957	9.159	2.931	0.32	2.065	8.946	2.863	0.32	2.129	8.662	2.772	0.32	2.237
25	20	8.698	5.219	0.60	1.807	8.343	5.006	0.60	1.914	8.094	4.856	0.60	1.957	7.810	4.686	0.60	2.043
25	22	9.053	4.345	0.48	1.871	8.733	4.192	0.48	1.990	8.520	4.090	0.48	2.043	8.165	3.919	0.48	2.129
25	24	9.514	3.425	0.36	1.957	9.159	3.297	0.36	2.065	8.946	3.221	0.36	2.129	8.662	3.118	0.36	2.237
26	18	8.343	6.341	0.76	1.721	7.988	6.071	0.76	1.807	7.668	5.828	0.76	1.893	7.384	5.612	0.76	1.979
26	20	8.698	5.567	0.64	1.807	8.343	5.340	0.64	1.914	8.094	5.180	0.64	1.957	7.810	4.998	0.64	2.043
26	22	9.053	4.708	0.52	1.871	8.733	4.541	0.52	1.990	8.520	4.430	0.52	2.043	8.165	4.246	0.52	2.129
26	24	9.514	3.806	0.40	1.957	9.159	3.664	0.40	2.065	8.946	3.578	0.40	2.129	8.662	3.465	0.40	2.237
26	26	9.798	2.743	0.28	2.065	9.514	2.664	0.28	2.173	9.372	2.624	0.28	2.237	9.088	2.545	0.28	2.302
27	18	8.343	6.674	0.80	1.721	7.988	6.390	0.80	1.807	7.668	6.134	0.80	1.893	7.384	5.907	0.80	1.979
27	20	8.698	5.915	0.68	1.807	8.343	5.673	0.68	1.914	8.094	5.504	0.68	1.957	7.810	5.311	0.68	2.043
27	22	9.053	5.070	0.56	1.871	8.733	4.890	0.56	1.990	8.520	4.771	0.56	2.043	8.165	4.572	0.56	2.129
27	24	9.514	4.186	0.44	1.957	9.159	4.030	0.44	2.065	8.946	3.936	0.44	2.129	8.662	3.811	0.44	2.237
27	26	9.798	3.135	0.32	2.065	9.514	3.044	0.32	2.173	9.372	2.999	0.32	2.237	9.088	2.908	0.32	2.302
28	18	8.343	7.008	0.84	1.721	7.988	6.710	0.84	1.807	7.668	6.441	0.84	1.893	7.384	6.203	0.84	1.979
28	20	8.698	6.263	0.72	1.807	8.343	6.007	0.72	1.914	8.094	5.828	0.72	1.957	7.810	5.623	0.72	2.043
28	22	9.053	5.432	0.60	1.871	8.733	5.240	0.60	1.990	8.520	5.112	0.60	2.043	8.165	4.899	0.60	2.129
28	24	9.514	4.567	0.48	1.957	9.159	4.396	0.48	2.065	8.946	4.294	0.48	2.129	8.662	4.158	0.48	2.237
28	26	9.798	3.527	0.36	2.065	9.514	3.425	0.36	2.173	9.372	3.374	0.36	2.237	9.088	3.272	0.36	2.302
29	18	8.343	7.342	0.88	1.721	7.988	7.029	0.88	1.807	7.668	6.748	0.88	1.893	7.384	6.498	0.88	1.979
29	20	8.698	6.610	0.76	1.807	8.343	6.341	0.76	1.914	8.094	6.151	0.76	1.957	7.810	5.936	0.76	2.043
29	22	9.053	5.794	0.64	1.871	8.733	5.589	0.64	1.990	8.520	5.453	0.64	2.043	8.165	5.226	0.64	2.129
29	24	9.514	4.947	0.52	1.957	9.159	4.763	0.52	2.065	8.946	4.652	0.52	2.129	8.662	4.504	0.52	2.237
29	26	9.798	3.919	0.40	2.065	9.514	3.806	0.40	2.173	9.372	3.749	0.40	2.237	9.088	3.635	0.40	2.302
30	18	8.343	7.676	0.92	1.721	7.988	7.349	0.92	1.807	7.668	7.055	0.92	1.893	7.384	6.793	0.92	1.979
30	20	8.698	6.958	0.80	1.807	8.343	6.674	0.80	1.914	8.094	6.475	0.80	1.957	7.810	6.248	0.80	2.043
30	22	9.053	6.156	0.68	1.871	8.733	5.938	0.68	1.990	8.520	5.794	0.68	2.043	8.165	5.552	0.68	2.129
30	24	9.514	5.328	0.56	1.957	9.159	5.129	0.56	2.065	8.946	5.010	0.56	2.129	8.662	4.851	0.56	2.237
30	26	9.798	4.311	0.44	2.065	9.514	4.186	0.44	2.173	9.372	4.124	0.44	2.237	9.088	3.999	0.44	2.302
31	18	8.343	8.009	0.96	1.721	7.988	7.668	0.96	1.807	7.668	7.361	0.96	1.893	7.384	7.089	0.96	1.979
31	20	8.698	7.306	0.84	1.807	8.343	7.008	0.84	1.914	8.094	6.799	0.84	1.957	7.810	6.560	0.84	2.043
31	22	9.053	6.518	0.72	1.871	8.733	6.288	0.72	1.990	8.520	6.134	0.72	2.043	8.165	5.879	0.72	2.129
31	24	9.514	5.708	0.60	1.957	9.159	5.495	0.60	2.065	8.946	5.368	0.60	2.129	8.662	5.197	0.60	2.237
31	26	9.798	4.703	0.48	2.065	9.514	4.567	0.48	2.173	9.372	4.499	0.48	2.237	9.088	4.362	0.48	2.302
32	18	8.343	8.343	1.00	1.721	7.988	7.988	1.00	1.807	7.668	7.668	1.00	1.893	7.384	7.384	1.00	1.979
32	20	8.698	7.654	0.88	1.807	8.343	7.342	0.88	1.914	8.094	7.123	0.88	1.957	7.810	6.873	0.88	2.043
32	22	9.053	6.880	0.76	1.871	8.733	6.637	0.76	1.990	8.520	6.475	0.76	2.043	8.165	6.205	0.76	2.129
32	24	9.514	6.089	0.64	1.957	9.159	5.862	0.64	2.065	8.946	5.725	0.64	2.129	8.662	5.544	0.64	2.237
32	26	9.798	5.095	0.52	2.065	9.514	4.947	0.52	2.173	9.372	4.873	0.52	2.237	9.088	4.726	0.52	2.302

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M71DA2 SEZ-M71DAL2 / SUZ-M71VA
 CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	2.108	6.390	3.578	0.56	2.237	5.893	3.300	0.56	2.323
21	20	7.313	3.218	0.44	2.194	6.816	2.999	0.44	2.302	6.319	2.780	0.44	2.431
22	18	6.958	4.175	0.60	2.108	6.390	3.834	0.60	2.237	5.893	3.536	0.60	2.323
22	20	7.313	3.510	0.48	2.194	6.816	3.272	0.48	2.302	6.319	3.033	0.48	2.431
22	22	7.739	2.786	0.36	2.280	7.242	2.607	0.36	2.409	6.745	2.428	0.36	2.495
23	18	6.958	4.453	0.64	2.108	6.390	4.090	0.64	2.237	5.893	3.772	0.64	2.323
23	20	7.313	3.803	0.52	2.194	6.816	3.544	0.52	2.302	6.319	3.286	0.52	2.431
23	22	7.739	3.096	0.40	2.280	7.242	2.897	0.40	2.409	6.745	2.698	0.40	2.495
24	18	6.958	4.731	0.68	2.108	6.390	4.345	0.68	2.237	5.893	4.007	0.68	2.323
24	20	7.313	4.095	0.56	2.194	6.816	3.817	0.56	2.302	6.319	3.539	0.56	2.431
24	22	7.739	3.405	0.44	2.280	7.242	3.186	0.44	2.409	6.745	2.968	0.44	2.495
24	24	8.165	2.613	0.32	2.366	7.668	2.454	0.32	2.474	7.242	2.317	0.32	2.581
25	20	7.313	4.388	0.60	2.194	6.816	4.090	0.60	2.302	6.319	3.791	0.60	2.431
25	22	7.739	3.715	0.48	2.280	7.242	3.476	0.48	2.409	6.745	3.238	0.48	2.495
25	24	8.165	2.939	0.36	2.366	7.668	2.760	0.36	2.474	7.242	2.607	0.36	2.581
26	18	6.958	5.288	0.76	2.108	6.390	4.856	0.76	2.237	5.893	4.479	0.76	2.323
26	20	7.313	4.680	0.64	2.194	6.816	4.362	0.64	2.302	6.319	4.044	0.64	2.431
26	22	7.739	4.024	0.52	2.280	7.242	3.766	0.52	2.409	6.745	3.507	0.52	2.495
26	24	8.165	3.266	0.40	2.366	7.668	3.067	0.40	2.474	7.242	2.897	0.40	2.581
26	26	8.591	2.405	0.28	2.452	8.094	2.266	0.28	2.560	7.597	2.127	0.28	2.667
27	18	6.958	5.566	0.80	2.108	6.390	5.112	0.80	2.237	5.893	4.714	0.80	2.323
27	20	7.313	4.973	0.68	2.194	6.816	4.635	0.68	2.302	6.319	4.297	0.68	2.431
27	22	7.739	4.334	0.56	2.280	7.242	4.056	0.56	2.409	6.745	3.777	0.56	2.495
27	24	8.165	3.593	0.44	2.366	7.668	3.374	0.44	2.474	7.242	3.186	0.44	2.581
27	26	8.591	2.749	0.32	2.452	8.094	2.590	0.32	2.560	7.597	2.431	0.32	2.667
28	18	6.958	5.845	0.84	2.108	6.390	5.368	0.84	2.237	5.893	4.950	0.84	2.323
28	20	7.313	5.265	0.72	2.194	6.816	4.908	0.72	2.302	6.319	4.550	0.72	2.431
28	22	7.739	4.643	0.60	2.280	7.242	4.345	0.60	2.409	6.745	4.047	0.60	2.495
28	24	8.165	3.919	0.48	2.366	7.668	3.681	0.48	2.474	7.242	3.476	0.48	2.581
28	26	8.591	3.093	0.36	2.452	8.094	2.914	0.36	2.560	7.597	2.735	0.36	2.667
29	18	6.958	6.123	0.88	2.108	6.390	5.623	0.88	2.237	5.893	5.186	0.88	2.323
29	20	7.313	5.558	0.76	2.194	6.816	5.180	0.76	2.302	6.319	4.802	0.76	2.431
29	22	7.739	4.953	0.64	2.280	7.242	4.635	0.64	2.409	6.745	4.317	0.64	2.495
29	24	8.165	4.246	0.52	2.366	7.668	3.987	0.52	2.474	7.242	3.766	0.52	2.581
29	26	8.591	3.436	0.40	2.452	8.094	3.238	0.40	2.560	7.597	3.039	0.40	2.667
30	18	6.958	6.401	0.92	2.108	6.390	5.879	0.92	2.237	5.893	5.422	0.92	2.323
30	20	7.313	5.850	0.80	2.194	6.816	5.453	0.80	2.302	6.319	5.055	0.80	2.431
30	22	7.739	5.263	0.68	2.280	7.242	4.925	0.68	2.409	6.745	4.587	0.68	2.495
30	24	8.165	4.572	0.56	2.366	7.668	4.294	0.56	2.474	7.242	4.056	0.56	2.581
30	26	8.591	3.780	0.44	2.452	8.094	3.561	0.44	2.560	7.597	3.343	0.44	2.667
31	18	6.958	6.680	0.96	2.108	6.390	6.134	0.96	2.237	5.893	5.657	0.96	2.323
31	20	7.313	6.143	0.84	2.194	6.816	5.725	0.84	2.302	6.319	5.308	0.84	2.431
31	22	7.739	5.572	0.72	2.280	7.242	5.214	0.72	2.409	6.745	4.856	0.72	2.495
31	24	8.165	4.899	0.60	2.366	7.668	4.601	0.60	2.474	7.242	4.345	0.60	2.581
31	26	8.591	4.124	0.48	2.452	8.094	3.885	0.48	2.560	7.597	3.647	0.48	2.667
32	18	6.958	6.958	1.00	2.108	6.390	6.390	1.00	2.237	5.893	5.893	1.00	2.323
32	20	7.313	6.435	0.88	2.194	6.816	5.998	0.88	2.302	6.319	5.561	0.88	2.431
32	22	7.739	5.882	0.76	2.280	7.242	5.504	0.76	2.409	6.745	5.126	0.76	2.495
32	24	8.165	5.226	0.64	2.366	7.668	4.908	0.64	2.474	7.242	4.635	0.64	2.581
32	26	8.591	4.467	0.52	2.452	8.094	4.209	0.52	2.560	7.597	3.950	0.52	2.667

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING operation**SEZ-M25DA2 SEZ-M25DAL2 / SUZ-M25VA at Rated frequency**

CAPACITY : 2.900kW INPUT : 0.803kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.450	0.418	1.827	0.522	2.204	0.626	2.581	0.707	2.958	0.763	3.335	0.811	3.683	0.835	4.060	0.851
21	1.363	0.445	1.740	0.562	2.088	0.666	2.465	0.739	2.813	0.795	3.190	0.835	3.538	0.859	3.901	0.891
26	1.189	0.482	1.566	0.602	1.943	0.707	2.291	0.779	2.668	0.835	3.045	0.875	3.393	0.899	3.770	0.923

SEZ-M35DA2 SEZ-M35DAL2 / SUZ-M35VA at Rated frequency

CAPACITY : 4.200kW INPUT : 1.076kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.100	0.560	2.646	0.699	3.192	0.839	3.738	0.947	4.284	1.022	4.830	1.087	5.334	1.119	5.880	1.141
21	1.974	0.596	2.520	0.753	3.024	0.893	3.570	0.990	4.074	1.065	4.620	1.119	5.124	1.151	5.649	1.194
26	1.722	0.646	2.268	0.807	2.814	0.947	3.318	1.044	3.864	1.119	4.410	1.173	4.914	1.205	5.460	1.237

SEZ-M50DA2 SEZ-M50DAL2 / SUZ-M50VA at Rated frequency

CAPACITY : 6.000kW INPUT : 1.617kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860

SEZ-M60DA2 SEZ-M60DAL2 / SUZ-M60VA at Rated frequency

CAPACITY : 7.400kW INPUT : 2.049kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.700	1.065	4.662	1.332	5.624	1.598	6.586	1.803	7.548	1.947	8.510	2.069	9.398	2.131	10.360	2.172
21	3.478	1.135	4.440	1.434	5.328	1.701	6.290	1.885	7.178	2.029	8.140	2.131	9.028	2.192	9.953	2.274
26	3.034	1.229	3.996	1.537	4.958	1.803	5.846	1.988	6.808	2.131	7.770	2.233	8.658	2.295	9.620	2.356

SEZ-M71DA2 SEZ-M71DAL2 / SUZ-M71VA at Rated frequency

CAPACITY : 8.000kW INPUT : 2.285kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.000	1.188	5.040	1.485	6.080	1.782	7.120	2.011	8.160	2.171	9.200	2.308	10.160	2.376	11.200	2.422
21	3.760	1.266	4.800	1.600	5.760	1.897	6.800	2.102	7.760	2.262	8.800	2.376	9.760	2.445	10.760	2.536
26	3.280	1.371	4.320	1.714	5.360	2.011	6.320	2.216	7.360	2.376	8.400	2.491	9.360	2.559	10.400	2.628

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

B.2.5.2 R410A type

COOLING operation at Rated frequency
SEZ-M25DA2 SEZ-M25DAL2 / SUZ-KA25VA6
 CAPACITY : 2.500kW INPUT : 0.731kW SHF : 0.82

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.880	0.64	0.585	2.813	1.800	0.64	0.614	2.700	1.728	0.64	0.643	2.600	1.664	0.64	0.673
21	20	3.063	1.593	0.52	0.614	2.938	1.528	0.52	0.651	2.850	1.482	0.52	0.665	2.750	1.430	0.52	0.694
22	18	2.938	1.998	0.68	0.585	2.813	1.913	0.68	0.614	2.700	1.836	0.68	0.643	2.600	1.768	0.68	0.673
22	20	3.063	1.715	0.56	0.614	2.938	1.645	0.56	0.651	2.850	1.596	0.56	0.665	2.750	1.540	0.56	0.694
22	22	3.188	1.403	0.44	0.636	3.075	1.353	0.44	0.676	3.000	1.320	0.44	0.694	2.875	1.265	0.44	0.724
23	18	2.938	2.115	0.72	0.585	2.813	2.025	0.72	0.614	2.700	1.944	0.72	0.643	2.600	1.872	0.72	0.673
23	20	3.063	1.838	0.60	0.614	2.938	1.763	0.60	0.651	2.850	1.710	0.60	0.665	2.750	1.650	0.60	0.694
23	22	3.188	1.530	0.48	0.636	3.075	1.476	0.48	0.676	3.000	1.440	0.48	0.694	2.875	1.380	0.48	0.724
24	18	2.938	2.233	0.76	0.585	2.813	2.138	0.76	0.614	2.700	2.052	0.76	0.643	2.600	1.976	0.76	0.673
24	20	3.063	1.960	0.64	0.614	2.938	1.880	0.64	0.651	2.850	1.824	0.64	0.665	2.750	1.760	0.64	0.694
24	22	3.188	1.658	0.52	0.636	3.075	1.599	0.52	0.676	3.000	1.560	0.52	0.694	2.875	1.495	0.52	0.724
24	24	3.350	1.340	0.40	0.665	3.225	1.290	0.40	0.702	3.150	1.260	0.40	0.724	3.050	1.220	0.40	0.760
25	20	3.063	2.083	0.68	0.614	2.938	1.998	0.68	0.651	2.850	1.938	0.68	0.665	2.750	1.870	0.68	0.694
25	22	3.188	1.785	0.56	0.636	3.075	1.722	0.56	0.676	3.000	1.680	0.56	0.694	2.875	1.610	0.56	0.724
25	24	3.350	1.474	0.44	0.665	3.225	1.419	0.44	0.702	3.150	1.386	0.44	0.724	3.050	1.342	0.44	0.760
26	18	2.938	2.468	0.84	0.585	2.813	2.363	0.84	0.614	2.700	2.268	0.84	0.643	2.600	2.184	0.84	0.673
26	20	3.063	2.205	0.72	0.614	2.938	2.115	0.72	0.651	2.850	2.052	0.72	0.665	2.750	1.980	0.72	0.694
26	22	3.188	1.913	0.60	0.636	3.075	1.845	0.60	0.676	3.000	1.800	0.60	0.694	2.875	1.725	0.60	0.724
26	24	3.350	1.608	0.48	0.665	3.225	1.548	0.48	0.702	3.150	1.512	0.48	0.724	3.050	1.464	0.48	0.760
26	26	3.450	1.242	0.36	0.702	3.350	1.206	0.36	0.738	3.300	1.188	0.36	0.760	3.200	1.152	0.36	0.782
27	18	2.938	2.585	0.88	0.585	2.813	2.475	0.88	0.614	2.700	2.376	0.88	0.643	2.600	2.288	0.88	0.673
27	20	3.063	2.328	0.76	0.614	2.938	2.233	0.76	0.651	2.850	2.166	0.76	0.665	2.750	2.090	0.76	0.694
27	22	3.188	2.040	0.64	0.636	3.075	1.968	0.64	0.676	3.000	1.920	0.64	0.694	2.875	1.840	0.64	0.724
27	24	3.350	1.742	0.52	0.665	3.225	1.677	0.52	0.702	3.150	1.638	0.52	0.724	3.050	1.586	0.52	0.760
27	26	3.450	1.380	0.40	0.702	3.350	1.340	0.40	0.738	3.300	1.320	0.40	0.760	3.200	1.280	0.40	0.782
28	18	2.938	2.703	0.92	0.585	2.813	2.588	0.92	0.614	2.700	2.484	0.92	0.643	2.600	2.392	0.92	0.673
28	20	3.063	2.450	0.80	0.614	2.938	2.350	0.80	0.651	2.850	2.280	0.80	0.665	2.750	2.200	0.80	0.694
28	22	3.188	2.168	0.68	0.636	3.075	2.091	0.68	0.676	3.000	2.040	0.68	0.694	2.875	1.955	0.68	0.724
28	24	3.350	1.876	0.56	0.665	3.225	1.806	0.56	0.702	3.150	1.764	0.56	0.724	3.050	1.708	0.56	0.760
28	26	3.450	1.518	0.44	0.702	3.350	1.474	0.44	0.738	3.300	1.452	0.44	0.760	3.200	1.408	0.44	0.782
29	18	2.938	2.820	0.96	0.585	2.813	2.700	0.96	0.614	2.700	2.592	0.96	0.643	2.600	2.496	0.96	0.673
29	20	3.063	2.573	0.84	0.614	2.938	2.468	0.84	0.651	2.850	2.394	0.84	0.665	2.750	2.310	0.84	0.694
29	22	3.188	2.295	0.72	0.636	3.075	2.214	0.72	0.676	3.000	2.160	0.72	0.694	2.875	2.070	0.72	0.724
29	24	3.350	2.010	0.60	0.665	3.225	1.935	0.60	0.702	3.150	1.890	0.60	0.724	3.050	1.830	0.60	0.760
29	26	3.450	1.656	0.48	0.702	3.350	1.608	0.48	0.738	3.300	1.584	0.48	0.760	3.200	1.536	0.48	0.782
30	18	2.938	2.938	1.00	0.585	2.813	2.813	1.00	0.614	2.700	2.700	1.00	0.643	2.600	2.600	1.00	0.673
30	20	3.063	2.695	0.88	0.614	2.938	2.585	0.88	0.651	2.850	2.508	0.88	0.665	2.750	2.420	0.88	0.694
30	22	3.188	2.423	0.76	0.636	3.075	2.337	0.76	0.676	3.000	2.280	0.76	0.694	2.875	2.185	0.76	0.724
30	24	3.350	2.144	0.64	0.665	3.225	2.064	0.64	0.702	3.150	2.016	0.64	0.724	3.050	1.952	0.64	0.760
30	26	3.450	1.794	0.52	0.702	3.350	1.742	0.52	0.738	3.300	1.716	0.52	0.760	3.200	1.664	0.52	0.782
31	18	2.938	2.938	1.00	0.585	2.813	2.813	1.00	0.614	2.700	2.700	1.00	0.643	2.600	2.600	1.00	0.673
31	20	3.063	2.818	0.92	0.614	2.938	2.703	0.92	0.651	2.850	2.622	0.92	0.665	2.750	2.530	0.92	0.694
31	22	3.188	2.550	0.80	0.636	3.075	2.460	0.80	0.676	3.000	2.400	0.80	0.694	2.875	2.300	0.80	0.724
31	24	3.350	2.278	0.68	0.665	3.225	2.193	0.68	0.702	3.150	2.142	0.68	0.724	3.050	2.074	0.68	0.760
31	26	3.450	1.932	0.56	0.702	3.350	1.876	0.56	0.738	3.300	1.848	0.56	0.760	3.200	1.792	0.56	0.782
32	18	2.938	2.938	1.00	0.585	2.813	2.813	1.00	0.614	2.700	2.700	1.00	0.643	2.600	2.600	1.00	0.673
32	20	3.063	2.940	0.96	0.614	2.938	2.820	0.96	0.651	2.850	2.736	0.96	0.665	2.750	2.640	0.96	0.694
32	22	3.188	2.678	0.84	0.636	3.075	2.583	0.84	0.676	3.000	2.520	0.84	0.694	2.875	2.415	0.84	0.724
32	24	3.350	2.412	0.72	0.665	3.225	2.322	0.72	0.702	3.150	2.268	0.72	0.724	3.050	2.196	0.72	0.760
32	26	3.450	2.070	0.60	0.702	3.350	2.010	0.60	0.738	3.300	1.980	0.60	0.760	3.200	1.920	0.60	0.782

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M25DA2 SEZ-M25DAL2 / SUZ-KA25VA6
 CAPACITY : 2.500kW INPUT : 0.731kW SHF : 0.82

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.568	0.64	0.716	2.250	1.440	0.64	0.760	2.075	1.328	0.64	0.789
21	20	2.575	1.339	0.52	0.746	2.400	1.248	0.52	0.782	2.225	1.157	0.52	0.826
22	18	2.450	1.666	0.68	0.716	2.250	1.530	0.68	0.760	2.075	1.411	0.68	0.789
22	20	2.575	1.442	0.56	0.746	2.400	1.344	0.56	0.782	2.225	1.246	0.56	0.826
22	22	2.725	1.199	0.44	0.775	2.550	1.122	0.44	0.819	2.375	1.045	0.44	0.848
23	18	2.450	1.764	0.72	0.716	2.250	1.620	0.72	0.760	2.075	1.494	0.72	0.789
23	20	2.575	1.545	0.60	0.746	2.400	1.440	0.60	0.782	2.225	1.335	0.60	0.826
23	22	2.725	1.308	0.48	0.775	2.550	1.224	0.48	0.819	2.375	1.140	0.48	0.848
24	18	2.450	1.862	0.76	0.716	2.250	1.710	0.76	0.760	2.075	1.577	0.76	0.789
24	20	2.575	1.648	0.64	0.746	2.400	1.536	0.64	0.782	2.225	1.424	0.64	0.826
24	22	2.725	1.417	0.52	0.775	2.550	1.326	0.52	0.819	2.375	1.235	0.52	0.848
24	24	2.875	1.150	0.40	0.804	2.700	1.080	0.40	0.841	2.550	1.020	0.40	0.877
25	20	2.575	1.751	0.68	0.746	2.400	1.632	0.68	0.782	2.225	1.513	0.68	0.826
25	22	2.725	1.526	0.56	0.775	2.550	1.428	0.56	0.819	2.375	1.330	0.56	0.848
25	24	2.875	1.265	0.44	0.804	2.700	1.188	0.44	0.841	2.550	1.122	0.44	0.877
26	18	2.450	2.058	0.84	0.716	2.250	1.890	0.84	0.760	2.075	1.743	0.84	0.789
26	20	2.575	1.854	0.72	0.746	2.400	1.728	0.72	0.782	2.225	1.602	0.72	0.826
26	22	2.725	1.635	0.60	0.775	2.550	1.530	0.60	0.819	2.375	1.425	0.60	0.848
26	24	2.875	1.380	0.48	0.804	2.700	1.296	0.48	0.841	2.550	1.224	0.48	0.877
26	26	3.025	1.089	0.36	0.833	2.850	1.026	0.36	0.870	2.675	0.963	0.36	0.906
27	18	2.450	2.156	0.88	0.716	2.250	1.980	0.88	0.760	2.075	1.826	0.88	0.789
27	20	2.575	1.957	0.76	0.746	2.400	1.824	0.76	0.782	2.225	1.691	0.76	0.826
27	22	2.725	1.744	0.64	0.775	2.550	1.632	0.64	0.819	2.375	1.520	0.64	0.848
27	24	2.875	1.495	0.52	0.804	2.700	1.404	0.52	0.841	2.550	1.326	0.52	0.877
27	26	3.025	1.210	0.40	0.833	2.850	1.140	0.40	0.870	2.675	1.070	0.40	0.906
28	18	2.450	2.254	0.92	0.716	2.250	2.070	0.92	0.760	2.075	1.909	0.92	0.789
28	20	2.575	2.060	0.80	0.746	2.400	1.920	0.80	0.782	2.225	1.780	0.80	0.826
28	22	2.725	1.853	0.68	0.775	2.550	1.734	0.68	0.819	2.375	1.615	0.68	0.848
28	24	2.875	1.610	0.56	0.804	2.700	1.512	0.56	0.841	2.550	1.428	0.56	0.877
28	26	3.025	1.331	0.44	0.833	2.850	1.254	0.44	0.870	2.675	1.177	0.44	0.906
29	18	2.450	2.352	0.96	0.716	2.250	2.160	0.96	0.760	2.075	1.992	0.96	0.789
29	20	2.575	2.163	0.84	0.746	2.400	2.016	0.84	0.782	2.225	1.869	0.84	0.826
29	22	2.725	1.962	0.72	0.775	2.550	1.836	0.72	0.819	2.375	1.710	0.72	0.848
29	24	2.875	1.725	0.60	0.804	2.700	1.620	0.60	0.841	2.550	1.530	0.60	0.877
29	26	3.025	1.452	0.48	0.833	2.850	1.368	0.48	0.870	2.675	1.284	0.48	0.906
30	18	2.450	2.450	1.00	0.716	2.250	2.250	1.00	0.760	2.075	2.075	1.00	0.789
30	20	2.575	2.266	0.88	0.746	2.400	2.112	0.88	0.782	2.225	1.958	0.88	0.826
30	22	2.725	2.071	0.76	0.775	2.550	1.938	0.76	0.819	2.375	1.805	0.76	0.848
30	24	2.875	1.840	0.64	0.804	2.700	1.728	0.64	0.841	2.550	1.632	0.64	0.877
30	26	3.025	1.573	0.52	0.833	2.850	1.482	0.52	0.870	2.675	1.391	0.52	0.906
31	18	2.450	2.450	1.00	0.716	2.250	2.250	1.00	0.760	2.075	2.075	1.00	0.789
31	20	2.575	2.369	0.92	0.746	2.400	2.208	0.92	0.782	2.225	2.047	0.92	0.826
31	22	2.725	2.180	0.80	0.775	2.550	2.040	0.80	0.819	2.375	1.900	0.80	0.848
31	24	2.875	1.955	0.68	0.804	2.700	1.836	0.68	0.841	2.550	1.734	0.68	0.877
31	26	3.025	1.694	0.56	0.833	2.850	1.596	0.56	0.870	2.675	1.498	0.56	0.906
32	18	2.450	2.450	1.00	0.716	2.250	2.250	1.00	0.760	2.075	2.075	1.00	0.789
32	20	2.575	2.472	0.96	0.746	2.400	2.304	0.96	0.782	2.225	2.136	0.96	0.826
32	22	2.725	2.289	0.84	0.775	2.550	2.142	0.84	0.819	2.375	1.995	0.84	0.848
32	24	2.875	2.070	0.72	0.804	2.700	1.944	0.72	0.841	2.550	1.836	0.72	0.877
32	26	3.025	1.815	0.60	0.833	2.850	1.710	0.60	0.870	2.675	1.605	0.60	0.906

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M35DA2 SEZ-M35DAL2 / SUZ-KA35VA6
 CAPACITY : 3.500kW INPUT : 1.012kW SHF : 0.78

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
		DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)
21	18	4.113	2.468	0.60	0.810	3.938	2.363	0.60	0.850	3.780	2.268	0.60	0.891	3.640	2.184	0.60	0.931
21	20	4.288	2.058	0.48	0.850	4.113	1.974	0.48	0.901	3.990	1.915	0.48	0.921	3.850	1.848	0.48	0.961
22	18	4.113	2.632	0.64	0.810	3.938	2.520	0.64	0.850	3.780	2.419	0.64	0.891	3.640	2.330	0.64	0.931
22	20	4.288	2.230	0.52	0.850	4.113	2.139	0.52	0.901	3.990	2.075	0.52	0.921	3.850	2.002	0.52	0.961
22	22	4.463	1.785	0.40	0.880	4.305	1.722	0.40	0.936	4.200	1.680	0.40	0.961	4.025	1.610	0.40	1.002
23	18	4.113	2.797	0.68	0.810	3.938	2.678	0.68	0.850	3.780	2.570	0.68	0.891	3.640	2.475	0.68	0.931
23	20	4.288	2.401	0.56	0.850	4.113	2.303	0.56	0.901	3.990	2.234	0.56	0.921	3.850	2.156	0.56	0.961
23	22	4.463	1.964	0.44	0.880	4.305	1.894	0.44	0.936	4.200	1.848	0.44	0.961	4.025	1.771	0.44	1.002
24	18	4.113	2.961	0.72	0.810	3.938	2.835	0.72	0.850	3.780	2.722	0.72	0.891	3.640	2.621	0.72	0.931
24	20	4.288	2.573	0.60	0.850	4.113	2.468	0.60	0.901	3.990	2.394	0.60	0.921	3.850	2.310	0.60	0.961
24	22	4.463	2.142	0.48	0.880	4.305	2.066	0.48	0.936	4.200	2.016	0.48	0.961	4.025	1.932	0.48	1.002
24	24	4.690	1.688	0.36	0.921	4.515	1.625	0.36	0.972	4.410	1.588	0.36	1.002	4.270	1.537	0.36	1.052
25	20	4.288	2.744	0.64	0.850	4.113	2.632	0.64	0.901	3.990	2.554	0.64	0.921	3.850	2.464	0.64	0.961
25	22	4.463	2.321	0.52	0.880	4.305	2.239	0.52	0.936	4.200	2.184	0.52	0.961	4.025	2.093	0.52	1.002
25	24	4.690	1.876	0.40	0.921	4.515	1.806	0.40	0.972	4.410	1.764	0.40	1.002	4.270	1.708	0.40	1.052
26	18	4.113	3.290	0.80	0.810	3.938	3.150	0.80	0.850	3.780	3.024	0.80	0.891	3.640	2.912	0.80	0.931
26	20	4.288	2.916	0.68	0.850	4.113	2.797	0.68	0.901	3.990	2.713	0.68	0.921	3.850	2.618	0.68	0.961
26	22	4.463	2.499	0.56	0.880	4.305	2.411	0.56	0.936	4.200	2.352	0.56	0.961	4.025	2.254	0.56	1.002
26	24	4.690	2.064	0.44	0.921	4.515	1.987	0.44	0.972	4.410	1.940	0.44	1.002	4.270	1.879	0.44	1.052
26	26	4.830	1.546	0.32	0.972	4.690	1.501	0.32	1.022	4.620	1.478	0.32	1.052	4.480	1.434	0.32	1.083
27	18	4.113	3.455	0.84	0.810	3.938	3.308	0.84	0.850	3.780	3.175	0.84	0.891	3.640	3.058	0.84	0.931
27	20	4.288	3.087	0.72	0.850	4.113	2.961	0.72	0.901	3.990	2.873	0.72	0.921	3.850	2.772	0.72	0.961
27	22	4.463	2.678	0.60	0.880	4.305	2.583	0.60	0.936	4.200	2.520	0.60	0.961	4.025	2.415	0.60	1.002
27	24	4.690	2.251	0.48	0.921	4.515	2.167	0.48	0.972	4.410	2.117	0.48	1.002	4.270	2.050	0.48	1.052
27	26	4.830	1.739	0.36	0.972	4.690	1.688	0.36	1.022	4.620	1.663	0.36	1.052	4.480	1.613	0.36	1.083
28	18	4.113	3.619	0.88	0.810	3.938	3.465	0.88	0.850	3.780	3.326	0.88	0.891	3.640	3.203	0.88	0.931
28	20	4.288	3.259	0.76	0.850	4.113	3.126	0.76	0.901	3.990	3.032	0.76	0.921	3.850	2.926	0.76	0.961
28	22	4.463	2.856	0.64	0.880	4.305	2.755	0.64	0.936	4.200	2.688	0.64	0.961	4.025	2.576	0.64	1.002
28	24	4.690	2.439	0.52	0.921	4.515	2.348	0.52	0.972	4.410	2.293	0.52	1.002	4.270	2.220	0.52	1.052
28	26	4.830	1.932	0.40	0.972	4.690	1.876	0.40	1.022	4.620	1.848	0.40	1.052	4.480	1.792	0.40	1.083
29	18	4.113	3.784	0.92	0.810	3.938	3.623	0.92	0.850	3.780	3.478	0.92	0.891	3.640	3.349	0.92	0.931
29	20	4.288	3.430	0.80	0.850	4.113	3.290	0.80	0.901	3.990	3.192	0.80	0.921	3.850	3.080	0.80	0.961
29	22	4.463	3.035	0.68	0.880	4.305	2.927	0.68	0.936	4.200	2.856	0.68	0.961	4.025	2.737	0.68	1.002
29	24	4.690	2.626	0.56	0.921	4.515	2.528	0.56	0.972	4.410	2.470	0.56	1.002	4.270	2.391	0.56	1.052
29	26	4.830	2.125	0.44	0.972	4.690	2.064	0.44	1.022	4.620	2.033	0.44	1.052	4.480	1.971	0.44	1.083
30	18	4.113	3.948	0.96	0.810	3.938	3.780	0.96	0.850	3.780	3.629	0.96	0.891	3.640	3.494	0.96	0.931
30	20	4.288	3.602	0.84	0.850	4.113	3.455	0.84	0.901	3.990	3.352	0.84	0.921	3.850	3.234	0.84	0.961
30	22	4.463	3.213	0.72	0.880	4.305	3.100	0.72	0.936	4.200	3.024	0.72	0.961	4.025	2.898	0.72	1.002
30	24	4.690	2.814	0.60	0.921	4.515	2.709	0.60	0.972	4.410	2.646	0.60	1.002	4.270	2.562	0.60	1.052
30	26	4.830	2.318	0.48	0.972	4.690	2.251	0.48	1.022	4.620	2.218	0.48	1.052	4.480	2.150	0.48	1.083
31	18	4.113	4.113	1.00	0.810	3.938	3.938	1.00	0.850	3.780	3.780	1.00	0.891	3.640	3.640	1.00	0.931
31	20	4.288	3.773	0.88	0.850	4.113	3.619	0.88	0.901	3.990	3.511	0.88	0.921	3.850	3.388	0.88	0.961
31	22	4.463	3.392	0.76	0.880	4.305	3.272	0.76	0.936	4.200	3.192	0.76	0.961	4.025	3.059	0.76	1.002
31	24	4.690	3.002	0.64	0.921	4.515	2.890	0.64	0.972	4.410	2.822	0.64	1.002	4.270	2.733	0.64	1.052
31	26	4.830	2.512	0.52	0.972	4.690	2.439	0.52	1.022	4.620	2.402	0.52	1.052	4.480	2.330	0.52	1.083
32	18	4.113	4.113	1.00	0.810	3.938	3.938	1.00	0.850	3.780	3.780	1.00	0.891	3.640	3.640	1.00	0.931
32	20	4.288	3.945	0.92	0.850	4.113	3.784	0.92	0.901	3.990	3.671	0.92	0.921	3.850	3.542	0.92	0.961
32	22	4.463	3.570	0.80	0.880	4.305	3.444	0.80	0.936	4.200	3.360	0.80	0.961	4.025	3.220	0.80	1.002
32	24	4.690	3.189	0.68	0.921	4.515	3.070	0.68	0.972	4.410	2.999	0.68	1.002	4.270	2.904	0.68	1.052
32	26	4.830	2.705	0.56	0.972	4.690	2.626	0.56	1.022	4.620	2.587	0.56	1.052	4.480	2.509	0.56	1.083

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M35DA2 SEZ-M35DAL2 / SUZ-KA35VA6
 CAPACITY : 3.500kW INPUT : 1.012kW SHF : 0.78

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	2.058	0.60	0.992	3.150	1.890	0.60	1.052	2.905	1.743	0.60	1.093
21	20	3.605	1.730	0.48	1.032	3.360	1.613	0.48	1.083	3.115	1.495	0.48	1.144
22	18	3.430	2.195	0.64	0.992	3.150	2.016	0.64	1.052	2.905	1.859	0.64	1.093
22	20	3.605	1.875	0.52	1.032	3.360	1.747	0.52	1.083	3.115	1.620	0.52	1.144
22	22	3.815	1.526	0.40	1.073	3.570	1.428	0.40	1.133	3.325	1.330	0.40	1.174
23	18	3.430	2.332	0.68	0.992	3.150	2.142	0.68	1.052	2.905	1.975	0.68	1.093
23	20	3.605	2.019	0.56	1.032	3.360	1.882	0.56	1.083	3.115	1.744	0.56	1.144
23	22	3.815	1.679	0.44	1.073	3.570	1.571	0.44	1.133	3.325	1.463	0.44	1.174
24	18	3.430	2.470	0.72	0.992	3.150	2.268	0.72	1.052	2.905	2.092	0.72	1.093
24	20	3.605	2.163	0.60	1.032	3.360	2.016	0.60	1.083	3.115	1.869	0.60	1.144
24	22	3.815	1.831	0.48	1.073	3.570	1.714	0.48	1.133	3.325	1.596	0.48	1.174
24	24	4.025	1.449	0.36	1.113	3.780	1.361	0.36	1.164	3.570	1.285	0.36	1.214
25	20	3.605	2.307	0.64	1.032	3.360	2.150	0.64	1.083	3.115	1.994	0.64	1.144
25	22	3.815	1.984	0.52	1.073	3.570	1.856	0.52	1.133	3.325	1.729	0.52	1.174
25	24	4.025	1.610	0.40	1.113	3.780	1.512	0.40	1.164	3.570	1.428	0.40	1.214
26	18	3.430	2.744	0.80	0.992	3.150	2.520	0.80	1.052	2.905	2.324	0.80	1.093
26	20	3.605	2.451	0.68	1.032	3.360	2.285	0.68	1.083	3.115	2.118	0.68	1.144
26	22	3.815	2.136	0.56	1.073	3.570	1.999	0.56	1.133	3.325	1.862	0.56	1.174
26	24	4.025	1.771	0.44	1.113	3.780	1.663	0.44	1.164	3.570	1.571	0.44	1.214
26	26	4.235	1.355	0.32	1.154	3.990	1.277	0.32	1.204	3.745	1.198	0.32	1.255
27	18	3.430	2.881	0.84	0.992	3.150	2.646	0.84	1.052	2.905	2.440	0.84	1.093
27	20	3.605	2.596	0.72	1.032	3.360	2.419	0.72	1.083	3.115	2.243	0.72	1.144
27	22	3.815	2.289	0.60	1.073	3.570	2.142	0.60	1.133	3.325	1.995	0.60	1.174
27	24	4.025	1.932	0.48	1.113	3.780	1.814	0.48	1.164	3.570	1.714	0.48	1.214
27	26	4.235	1.525	0.36	1.154	3.990	1.436	0.36	1.204	3.745	1.348	0.36	1.255
28	18	3.430	3.018	0.88	0.992	3.150	2.772	0.88	1.052	2.905	2.556	0.88	1.093
28	20	3.605	2.740	0.76	1.032	3.360	2.554	0.76	1.083	3.115	2.367	0.76	1.144
28	22	3.815	2.442	0.64	1.073	3.570	2.285	0.64	1.133	3.325	2.128	0.64	1.174
28	24	4.025	2.093	0.52	1.113	3.780	1.966	0.52	1.164	3.570	1.856	0.52	1.214
28	26	4.235	1.694	0.40	1.154	3.990	1.596	0.40	1.204	3.745	1.498	0.40	1.255
29	18	3.430	3.156	0.92	0.992	3.150	2.898	0.92	1.052	2.905	2.673	0.92	1.093
29	20	3.605	2.884	0.80	1.032	3.360	2.688	0.80	1.083	3.115	2.492	0.80	1.144
29	22	3.815	2.594	0.68	1.073	3.570	2.428	0.68	1.133	3.325	2.261	0.68	1.174
29	24	4.025	2.254	0.56	1.113	3.780	2.117	0.56	1.164	3.570	1.999	0.56	1.214
29	26	4.235	1.863	0.44	1.154	3.990	1.756	0.44	1.204	3.745	1.648	0.44	1.255
30	18	3.430	3.293	0.96	0.992	3.150	3.024	0.96	1.052	2.905	2.789	0.96	1.093
30	20	3.605	3.028	0.84	1.032	3.360	2.822	0.84	1.083	3.115	2.617	0.84	1.144
30	22	3.815	2.747	0.72	1.073	3.570	2.570	0.72	1.133	3.325	2.394	0.72	1.174
30	24	4.025	2.415	0.60	1.113	3.780	2.268	0.60	1.164	3.570	2.142	0.60	1.214
30	26	4.235	2.033	0.48	1.154	3.990	1.915	0.48	1.204	3.745	1.798	0.48	1.255
31	18	3.430	3.430	1.00	0.992	3.150	3.150	1.00	1.052	2.905	2.905	1.00	1.093
31	20	3.605	3.172	0.88	1.032	3.360	2.957	0.88	1.083	3.115	2.741	0.88	1.144
31	22	3.815	2.899	0.76	1.073	3.570	2.713	0.76	1.133	3.325	2.527	0.76	1.174
31	24	4.025	2.576	0.64	1.113	3.780	2.419	0.64	1.164	3.570	2.285	0.64	1.214
31	26	4.235	2.202	0.52	1.154	3.990	2.075	0.52	1.204	3.745	1.947	0.52	1.255
32	18	3.430	3.430	1.00	0.992	3.150	3.150	1.00	1.052	2.905	2.905	1.00	1.093
32	20	3.605	3.317	0.92	1.032	3.360	3.091	0.92	1.083	3.115	2.866	0.92	1.144
32	22	3.815	3.052	0.80	1.073	3.570	2.856	0.80	1.133	3.325	2.660	0.80	1.174
32	24	4.025	2.737	0.68	1.113	3.780	2.570	0.68	1.164	3.570	2.428	0.68	1.214
32	26	4.235	2.372	0.56	1.154	3.990	2.234	0.56	1.204	3.745	2.097	0.56	1.255

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M50DA2 SEZ-M50DAL2 / SUZ-KA50VA6
 CAPACITY : 5.100kW INPUT : 1.580kW SHF : 0.76

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
		DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)
21	18	5.993	3.476	0.58	1.264	5.738	3.328	0.58	1.327	5.508	3.195	0.58	1.390	5.304	3.076	0.58	1.454
21	20	6.248	2.874	0.46	1.327	5.993	2.757	0.46	1.406	5.814	2.674	0.46	1.438	5.610	2.581	0.46	1.501
22	18	5.993	3.716	0.62	1.264	5.738	3.558	0.62	1.327	5.508	3.415	0.62	1.390	5.304	3.288	0.62	1.454
22	20	6.248	3.124	0.50	1.327	5.993	2.997	0.50	1.406	5.814	2.907	0.50	1.438	5.610	2.805	0.50	1.501
22	22	6.503	2.471	0.38	1.375	6.273	2.384	0.38	1.462	6.120	2.326	0.38	1.501	5.865	2.229	0.38	1.564
23	18	5.993	3.955	0.66	1.264	5.738	3.787	0.66	1.327	5.508	3.635	0.66	1.390	5.304	3.501	0.66	1.454
23	20	6.248	3.374	0.54	1.327	5.993	3.236	0.54	1.406	5.814	3.140	0.54	1.438	5.610	3.029	0.54	1.501
23	22	6.503	2.731	0.42	1.375	6.273	2.635	0.42	1.462	6.120	2.570	0.42	1.501	5.865	2.463	0.42	1.564
24	18	5.993	4.195	0.70	1.264	5.738	4.017	0.70	1.327	5.508	3.856	0.70	1.390	5.304	3.713	0.70	1.454
24	20	6.248	3.624	0.58	1.327	5.993	3.476	0.58	1.406	5.814	3.372	0.58	1.438	5.610	3.254	0.58	1.501
24	22	6.503	2.991	0.46	1.375	6.273	2.886	0.46	1.462	6.120	2.815	0.46	1.501	5.865	2.698	0.46	1.564
24	24	6.834	2.324	0.34	1.438	6.579	2.237	0.34	1.517	6.426	2.185	0.34	1.564	6.222	2.115	0.34	1.643
25	20	6.248	3.874	0.62	1.327	5.993	3.716	0.62	1.406	5.814	3.605	0.62	1.438	5.610	3.478	0.62	1.501
25	22	6.503	3.252	0.50	1.375	6.273	3.137	0.50	1.462	6.120	3.060	0.50	1.501	5.865	2.933	0.50	1.564
25	24	6.834	2.597	0.38	1.438	6.579	2.500	0.38	1.517	6.426	2.442	0.38	1.564	6.222	2.364	0.38	1.643
26	18	5.993	4.675	0.78	1.264	5.738	4.476	0.78	1.327	5.508	4.296	0.78	1.390	5.304	4.137	0.78	1.454
26	20	6.248	4.124	0.66	1.327	5.993	3.955	0.66	1.406	5.814	3.837	0.66	1.438	5.610	3.703	0.66	1.501
26	22	6.503	3.512	0.54	1.375	6.273	3.387	0.54	1.462	6.120	3.305	0.54	1.501	5.865	3.167	0.54	1.564
26	24	6.834	2.870	0.42	1.438	6.579	2.763	0.42	1.517	6.426	2.699	0.42	1.564	6.222	2.613	0.42	1.643
26	26	7.038	2.111	0.30	1.517	6.834	2.050	0.30	1.596	6.732	2.020	0.30	1.643	6.528	1.958	0.30	1.691
27	18	5.993	4.914	0.82	1.264	5.738	4.705	0.82	1.327	5.508	4.517	0.82	1.390	5.304	4.349	0.82	1.454
27	20	6.248	4.374	0.70	1.327	5.993	4.195	0.70	1.406	5.814	4.070	0.70	1.438	5.610	3.927	0.70	1.501
27	22	6.503	3.772	0.58	1.375	6.273	3.638	0.58	1.462	6.120	3.550	0.58	1.501	5.865	3.402	0.58	1.564
27	24	6.834	3.144	0.46	1.438	6.579	3.026	0.46	1.517	6.426	2.956	0.46	1.564	6.222	2.862	0.46	1.643
27	26	7.038	2.393	0.34	1.517	6.834	2.324	0.34	1.596	6.732	2.289	0.34	1.643	6.528	2.220	0.34	1.691
28	18	5.993	5.154	0.86	1.264	5.738	4.935	0.86	1.327	5.508	4.737	0.86	1.390	5.304	4.561	0.86	1.454
28	20	6.248	4.624	0.74	1.327	5.993	4.435	0.74	1.406	5.814	4.302	0.74	1.438	5.610	4.151	0.74	1.501
28	22	6.503	4.032	0.62	1.375	6.273	3.889	0.62	1.462	6.120	3.794	0.62	1.501	5.865	3.636	0.62	1.564
28	24	6.834	3.417	0.50	1.438	6.579	3.290	0.50	1.517	6.426	3.213	0.50	1.564	6.222	3.111	0.50	1.643
28	26	7.038	2.674	0.38	1.517	6.834	2.597	0.38	1.596	6.732	2.558	0.38	1.643	6.528	2.481	0.38	1.691
29	18	5.993	5.394	0.90	1.264	5.738	5.164	0.90	1.327	5.508	4.957	0.90	1.390	5.304	4.774	0.90	1.454
29	20	6.248	4.873	0.78	1.327	5.993	4.675	0.78	1.406	5.814	4.535	0.78	1.438	5.610	4.376	0.78	1.501
29	22	6.503	4.292	0.66	1.375	6.273	4.140	0.66	1.462	6.120	4.039	0.66	1.501	5.865	3.871	0.66	1.564
29	24	6.834	3.690	0.54	1.438	6.579	3.553	0.54	1.517	6.426	3.470	0.54	1.564	6.222	3.360	0.54	1.643
29	26	7.038	2.956	0.42	1.517	6.834	2.870	0.42	1.596	6.732	2.827	0.42	1.643	6.528	2.742	0.42	1.691
30	18	5.993	5.633	0.94	1.264	5.738	5.394	0.94	1.327	5.508	5.178	0.94	1.390	5.304	4.986	0.94	1.454
30	20	6.248	5.123	0.82	1.327	5.993	4.914	0.82	1.406	5.814	4.767	0.82	1.438	5.610	4.600	0.82	1.501
30	22	6.503	4.552	0.70	1.375	6.273	4.391	0.70	1.462	6.120	4.284	0.70	1.501	5.865	4.106	0.70	1.564
30	24	6.834	3.964	0.58	1.438	6.579	3.816	0.58	1.517	6.426	3.727	0.58	1.564	6.222	3.609	0.58	1.643
30	26	7.038	3.237	0.46	1.517	6.834	3.144	0.46	1.596	6.732	3.097	0.46	1.643	6.528	3.003	0.46	1.691
31	18	5.993	5.873	0.98	1.264	5.738	5.623	0.98	1.327	5.508	5.398	0.98	1.390	5.304	5.198	0.98	1.454
31	20	6.248	5.373	0.86	1.327	5.993	5.154	0.86	1.406	5.814	5.000	0.86	1.438	5.610	4.825	0.86	1.501
31	22	6.503	4.812	0.74	1.375	6.273	4.642	0.74	1.462	6.120	4.529	0.74	1.501	5.865	4.340	0.74	1.564
31	24	6.834	4.237	0.62	1.438	6.579	4.079	0.62	1.517	6.426	3.984	0.62	1.564	6.222	3.858	0.62	1.643
31	26	7.038	3.519	0.50	1.517	6.834	3.417	0.50	1.596	6.732	3.366	0.50	1.643	6.528	3.264	0.50	1.691
32	18	5.993	5.993	1.00	1.264	5.738	5.738	1.00	1.327	5.508	5.508	1.00	1.390	5.304	5.304	1.00	1.454
32	20	6.248	5.623	0.90	1.327	5.993	5.394	0.90	1.406	5.814	5.233	0.90	1.438	5.610	5.049	0.90	1.501
32	22	6.503	5.072	0.78	1.375	6.273	4.893	0.78	1.462	6.120	4.774	0.78	1.501	5.865	4.575	0.78	1.564
32	24	6.834	4.510	0.66	1.438	6.579	4.342	0.66	1.517	6.426	4.241	0.66	1.564	6.222	4.107	0.66	1.643
32	26	7.038	3.801	0.54	1.517	6.834	3.690	0.54	1.596	6.732	3.635	0.54	1.643	6.528	3.525	0.54	1.691

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M50DA2 SEZ-M50DAL2 / SUZ-KA50VA6
 CAPACITY : 5.100kW INPUT : 1.580kW SHF : 0.76

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.998	2.899	0.58	1.548	4.590	2.662	0.58	1.643	4.233	2.455	0.58	1.706
21	20	5.253	2.416	0.46	1.612	4.896	2.252	0.46	1.691	4.539	2.088	0.46	1.785
22	18	4.998	3.099	0.62	1.548	4.590	2.846	0.62	1.643	4.233	2.624	0.62	1.706
22	20	5.253	2.627	0.50	1.612	4.896	2.448	0.50	1.691	4.539	2.270	0.50	1.785
22	22	5.559	2.112	0.38	1.675	5.202	1.977	0.38	1.770	4.845	1.841	0.38	1.833
23	18	4.998	3.299	0.66	1.548	4.590	3.029	0.66	1.643	4.233	2.794	0.66	1.706
23	20	5.253	2.837	0.54	1.612	4.896	2.644	0.54	1.691	4.539	2.451	0.54	1.785
23	22	5.559	2.335	0.42	1.675	5.202	2.185	0.42	1.770	4.845	2.035	0.42	1.833
24	18	4.998	3.499	0.70	1.548	4.590	3.213	0.70	1.643	4.233	2.963	0.70	1.706
24	20	5.253	3.047	0.58	1.612	4.896	2.840	0.58	1.691	4.539	2.633	0.58	1.785
24	22	5.559	2.557	0.46	1.675	5.202	2.393	0.46	1.770	4.845	2.229	0.46	1.833
24	24	5.865	1.994	0.34	1.738	5.508	1.873	0.34	1.817	5.202	1.769	0.34	1.896
25	20	5.253	3.257	0.62	1.612	4.896	3.036	0.62	1.691	4.539	2.814	0.62	1.785
25	22	5.559	2.780	0.50	1.675	5.202	2.601	0.50	1.770	4.845	2.423	0.50	1.833
25	24	5.865	2.229	0.38	1.738	5.508	2.093	0.38	1.817	5.202	1.977	0.38	1.896
26	18	4.998	3.898	0.78	1.548	4.590	3.580	0.78	1.643	4.233	3.302	0.78	1.706
26	20	5.253	3.467	0.66	1.612	4.896	3.231	0.66	1.691	4.539	2.996	0.66	1.785
26	22	5.559	3.002	0.54	1.675	5.202	2.809	0.54	1.770	4.845	2.616	0.54	1.833
26	24	5.865	2.463	0.42	1.738	5.508	2.313	0.42	1.817	5.202	2.185	0.42	1.896
26	26	6.171	1.851	0.30	1.801	5.814	1.744	0.30	1.880	5.457	1.637	0.30	1.959
27	18	4.998	4.098	0.82	1.548	4.590	3.764	0.82	1.643	4.233	3.471	0.82	1.706
27	20	5.253	3.677	0.70	1.612	4.896	3.427	0.70	1.691	4.539	3.177	0.70	1.785
27	22	5.559	3.224	0.58	1.675	5.202	3.017	0.58	1.770	4.845	2.810	0.58	1.833
27	24	5.865	2.698	0.46	1.738	5.508	2.534	0.46	1.817	5.202	2.393	0.46	1.896
27	26	6.171	2.098	0.34	1.801	5.814	1.977	0.34	1.880	5.457	1.855	0.34	1.959
28	18	4.998	4.298	0.86	1.548	4.590	3.947	0.86	1.643	4.233	3.640	0.86	1.706
28	20	5.253	3.887	0.74	1.612	4.896	3.623	0.74	1.691	4.539	3.359	0.74	1.785
28	22	5.559	3.447	0.62	1.675	5.202	3.225	0.62	1.770	4.845	3.004	0.62	1.833
28	24	5.865	2.933	0.50	1.738	5.508	2.754	0.50	1.817	5.202	2.601	0.50	1.896
28	26	6.171	2.345	0.38	1.801	5.814	2.209	0.38	1.880	5.457	2.074	0.38	1.959
29	18	4.998	4.498	0.90	1.548	4.590	4.131	0.90	1.643	4.233	3.810	0.90	1.706
29	20	5.253	4.097	0.78	1.612	4.896	3.819	0.78	1.691	4.539	3.540	0.78	1.785
29	22	5.559	3.669	0.66	1.675	5.202	3.433	0.66	1.770	4.845	3.198	0.66	1.833
29	24	5.865	3.167	0.54	1.738	5.508	2.974	0.54	1.817	5.202	2.809	0.54	1.896
29	26	6.171	2.592	0.42	1.801	5.814	2.442	0.42	1.880	5.457	2.292	0.42	1.959
30	18	4.998	4.698	0.94	1.548	4.590	4.315	0.94	1.643	4.233	3.979	0.94	1.706
30	20	5.253	4.307	0.82	1.612	4.896	4.015	0.82	1.691	4.539	3.722	0.82	1.785
30	22	5.559	3.891	0.70	1.675	5.202	3.641	0.70	1.770	4.845	3.392	0.70	1.833
30	24	5.865	3.402	0.58	1.738	5.508	3.195	0.58	1.817	5.202	3.017	0.58	1.896
30	26	6.171	2.839	0.46	1.801	5.814	2.674	0.46	1.880	5.457	2.510	0.46	1.959
31	18	4.998	4.898	0.98	1.548	4.590	4.498	0.98	1.643	4.233	4.148	0.98	1.706
31	20	5.253	4.518	0.86	1.612	4.896	4.211	0.86	1.691	4.539	3.904	0.86	1.785
31	22	5.559	4.114	0.74	1.675	5.202	3.849	0.74	1.770	4.845	3.585	0.74	1.833
31	24	5.865	3.636	0.62	1.738	5.508	3.415	0.62	1.817	5.202	3.225	0.62	1.896
31	26	6.171	3.086	0.50	1.801	5.814	2.907	0.50	1.880	5.457	2.729	0.50	1.959
32	18	4.998	4.998	1.00	1.548	4.590	4.590	1.00	1.643	4.233	4.233	1.00	1.706
32	20	5.253	4.728	0.90	1.612	4.896	4.406	0.90	1.691	4.539	4.085	0.90	1.785
32	22	5.559	4.336	0.78	1.675	5.202	4.058	0.78	1.770	4.845	3.779	0.78	1.833
32	24	5.865	3.871	0.66	1.738	5.508	3.635	0.66	1.817	5.202	3.433	0.66	1.896
32	26	6.171	3.332	0.54	1.801	5.814	3.140	0.54	1.880	5.457	2.947	0.54	1.959

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M60DA2 SEZ-M60DAL2 / SUZ-KA60VA6
 CAPACITY : 5.600kW INPUT : 1.740kW SHF : 0.75

INDOOR		OUTDOOR DB(°C)															
		21				25				27				30			
		DB(°C)	WB(°C)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)
21	18	6.580	3.751	0.57	1.392	6.300	3.591	0.57	1.462	6.048	3.447	0.57	1.531	5.824	3.320	0.57	1.601
21	20	6.860	3.087	0.45	1.462	6.580	2.961	0.45	1.549	6.384	2.873	0.45	1.583	6.160	2.772	0.45	1.653
22	18	6.580	4.014	0.61	1.392	6.300	3.843	0.61	1.462	6.048	3.689	0.61	1.531	5.824	3.553	0.61	1.601
22	20	6.860	3.361	0.49	1.462	6.580	3.224	0.49	1.549	6.384	3.128	0.49	1.583	6.160	3.018	0.49	1.653
22	22	7.140	2.642	0.37	1.514	6.888	2.549	0.37	1.610	6.720	2.486	0.37	1.653	6.440	2.383	0.37	1.723
23	18	6.580	4.277	0.65	1.392	6.300	4.095	0.65	1.462	6.048	3.931	0.65	1.531	5.824	3.786	0.65	1.601
23	20	6.860	3.636	0.53	1.462	6.580	3.487	0.53	1.549	6.384	3.384	0.53	1.583	6.160	3.265	0.53	1.653
23	22	7.140	2.927	0.41	1.514	6.888	2.824	0.41	1.610	6.720	2.755	0.41	1.653	6.440	2.640	0.41	1.723
24	18	6.580	4.540	0.69	1.392	6.300	4.347	0.69	1.462	6.048	4.173	0.69	1.531	5.824	4.019	0.69	1.601
24	20	6.860	3.910	0.57	1.462	6.580	3.751	0.57	1.549	6.384	3.639	0.57	1.583	6.160	3.511	0.57	1.653
24	22	7.140	3.213	0.45	1.514	6.888	3.100	0.45	1.610	6.720	3.024	0.45	1.653	6.440	2.898	0.45	1.723
24	24	7.504	2.476	0.33	1.583	7.224	2.384	0.33	1.670	7.056	2.328	0.33	1.723	6.832	2.255	0.33	1.810
25	20	6.860	4.185	0.61	1.462	6.580	4.014	0.61	1.549	6.384	3.894	0.61	1.583	6.160	3.758	0.61	1.653
25	22	7.140	3.499	0.49	1.514	6.888	3.375	0.49	1.610	6.720	3.293	0.49	1.653	6.440	3.156	0.49	1.723
25	24	7.504	2.776	0.37	1.583	7.224	2.673	0.37	1.670	7.056	2.611	0.37	1.723	6.832	2.528	0.37	1.810
26	18	6.580	5.067	0.77	1.392	6.300	4.851	0.77	1.462	6.048	4.657	0.77	1.531	5.824	4.484	0.77	1.601
26	20	6.860	4.459	0.65	1.462	6.580	4.277	0.65	1.549	6.384	4.150	0.65	1.583	6.160	4.004	0.65	1.653
26	22	7.140	3.784	0.53	1.514	6.888	3.651	0.53	1.610	6.720	3.562	0.53	1.653	6.440	3.413	0.53	1.723
26	24	7.504	3.077	0.41	1.583	7.224	2.962	0.41	1.670	7.056	2.893	0.41	1.723	6.832	2.801	0.41	1.810
26	26	7.728	2.241	0.29	1.670	7.504	2.176	0.29	1.757	7.392	2.144	0.29	1.810	7.168	2.079	0.29	1.862
27	18	6.580	5.330	0.81	1.392	6.300	5.103	0.81	1.462	6.048	4.899	0.81	1.531	5.824	4.717	0.81	1.601
27	20	6.860	4.733	0.69	1.462	6.580	4.540	0.69	1.549	6.384	4.405	0.69	1.583	6.160	4.250	0.69	1.653
27	22	7.140	4.070	0.57	1.514	6.888	3.926	0.57	1.610	6.720	3.830	0.57	1.653	6.440	3.671	0.57	1.723
27	24	7.504	3.377	0.45	1.583	7.224	3.251	0.45	1.670	7.056	3.175	0.45	1.723	6.832	3.074	0.45	1.810
27	26	7.728	2.550	0.33	1.670	7.504	2.476	0.33	1.757	7.392	2.439	0.33	1.810	7.168	2.365	0.33	1.862
28	18	6.580	5.593	0.85	1.392	6.300	5.355	0.85	1.462	6.048	5.141	0.85	1.531	5.824	4.950	0.85	1.601
28	20	6.860	5.008	0.73	1.462	6.580	4.803	0.73	1.549	6.384	4.660	0.73	1.583	6.160	4.497	0.73	1.653
28	22	7.140	4.355	0.61	1.514	6.888	4.202	0.61	1.610	6.720	4.099	0.61	1.653	6.440	3.928	0.61	1.723
28	24	7.504	3.677	0.49	1.583	7.224	3.540	0.49	1.670	7.056	3.457	0.49	1.723	6.832	3.348	0.49	1.810
28	26	7.728	2.859	0.37	1.670	7.504	2.776	0.37	1.757	7.392	2.735	0.37	1.810	7.168	2.652	0.37	1.862
29	18	6.580	5.856	0.89	1.392	6.300	5.607	0.89	1.462	6.048	5.383	0.89	1.531	5.824	5.183	0.89	1.601
29	20	6.860	5.282	0.77	1.462	6.580	5.067	0.77	1.549	6.384	4.916	0.77	1.583	6.160	4.743	0.77	1.653
29	22	7.140	4.641	0.65	1.514	6.888	4.477	0.65	1.610	6.720	4.368	0.65	1.653	6.440	4.186	0.65	1.723
29	24	7.504	3.977	0.53	1.583	7.224	3.829	0.53	1.670	7.056	3.740	0.53	1.723	6.832	3.621	0.53	1.810
29	26	7.728	3.168	0.41	1.670	7.504	3.077	0.41	1.757	7.392	3.031	0.41	1.810	7.168	2.939	0.41	1.862
30	18	6.580	6.119	0.93	1.392	6.300	5.859	0.93	1.462	6.048	5.625	0.93	1.531	5.824	5.416	0.93	1.601
30	20	6.860	5.557	0.81	1.462	6.580	5.330	0.81	1.549	6.384	5.171	0.81	1.583	6.160	4.990	0.81	1.653
30	22	7.140	4.927	0.69	1.514	6.888	4.753	0.69	1.610	6.720	4.637	0.69	1.653	6.440	4.444	0.69	1.723
30	24	7.504	4.277	0.57	1.583	7.224	4.118	0.57	1.670	7.056	4.022	0.57	1.723	6.832	3.894	0.57	1.810
30	26	7.728	3.478	0.45	1.670	7.504	3.377	0.45	1.757	7.392	3.326	0.45	1.810	7.168	3.226	0.45	1.862
31	18	6.580	6.383	0.97	1.392	6.300	6.111	0.97	1.462	6.048	5.867	0.97	1.531	5.824	5.649	0.97	1.601
31	20	6.860	5.831	0.85	1.462	6.580	5.593	0.85	1.549	6.384	5.426	0.85	1.583	6.160	5.236	0.85	1.653
31	22	7.140	5.212	0.73	1.514	6.888	5.028	0.73	1.610	6.720	4.906	0.73	1.653	6.440	4.701	0.73	1.723
31	24	7.504	4.577	0.61	1.583	7.224	4.407	0.61	1.670	7.056	4.304	0.61	1.723	6.832	4.168	0.61	1.810
31	26	7.728	3.787	0.49	1.670	7.504	3.677	0.49	1.757	7.392	3.622	0.49	1.810	7.168	3.512	0.49	1.862
32	18	6.580	6.580	1.00	1.392	6.300	6.300	1.00	1.462	6.048	6.048	1.00	1.531	5.824	5.824	1.00	1.601
32	20	6.860	6.105	0.89	1.462	6.580	5.856	0.89	1.549	6.384	5.682	0.89	1.583	6.160	5.482	0.89	1.653
32	22	7.140	5.498	0.77	1.514	6.888	5.304	0.77	1.610	6.720	5.174	0.77	1.653	6.440	4.959	0.77	1.723
32	24	7.504	4.878	0.65	1.583	7.224	4.696	0.65	1.670	7.056	4.586	0.65	1.723	6.832	4.441	0.65	1.810
32	26	7.728	4.096	0.53	1.670	7.504	3.977	0.53	1.757	7.392	3.918	0.53	1.810	7.168	3.799	0.53	1.862

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M60DA2 SEZ-M60DAL2 / SUZ-KA60VA6
 CAPACITY : 5.600kW INPUT : 1.740kW SHF : 0.75

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.488	3.128	0.57	1.705	5.040	2.873	0.57	1.810	4.648	2.649	0.57	1.879
21	20	5.768	2.596	0.45	1.775	5.376	2.419	0.45	1.862	4.984	2.243	0.45	1.966
22	18	5.488	3.348	0.61	1.705	5.040	3.074	0.61	1.810	4.648	2.835	0.61	1.879
22	20	5.768	2.826	0.49	1.775	5.376	2.634	0.49	1.862	4.984	2.442	0.49	1.966
22	22	6.104	2.258	0.37	1.844	5.712	2.113	0.37	1.949	5.320	1.968	0.37	2.018
23	18	5.488	3.567	0.65	1.705	5.040	3.276	0.65	1.810	4.648	3.021	0.65	1.879
23	20	5.768	3.057	0.53	1.775	5.376	2.849	0.53	1.862	4.984	2.642	0.53	1.966
23	22	6.104	2.503	0.41	1.844	5.712	2.342	0.41	1.949	5.320	2.181	0.41	2.018
24	18	5.488	3.787	0.69	1.705	5.040	3.478	0.69	1.810	4.648	3.207	0.69	1.879
24	20	5.768	3.288	0.57	1.775	5.376	3.064	0.57	1.862	4.984	2.841	0.57	1.966
24	22	6.104	2.747	0.45	1.844	5.712	2.570	0.45	1.949	5.320	2.394	0.45	2.018
24	24	6.440	2.125	0.33	1.914	6.048	1.996	0.33	2.001	5.712	1.885	0.33	2.088
25	20	5.768	3.518	0.61	1.775	5.376	3.279	0.61	1.862	4.984	3.040	0.61	1.966
25	22	6.104	2.991	0.49	1.844	5.712	2.799	0.49	1.949	5.320	2.607	0.49	2.018
25	24	6.440	2.383	0.37	1.914	6.048	2.238	0.37	2.001	5.712	2.113	0.37	2.088
26	18	5.488	4.226	0.77	1.705	5.040	3.881	0.77	1.810	4.648	3.579	0.77	1.879
26	20	5.768	3.749	0.65	1.775	5.376	3.494	0.65	1.862	4.984	3.240	0.65	1.966
26	22	6.104	3.235	0.53	1.844	5.712	3.027	0.53	1.949	5.320	2.820	0.53	2.018
26	24	6.440	2.640	0.41	1.914	6.048	2.480	0.41	2.001	5.712	2.342	0.41	2.088
26	26	6.776	1.965	0.29	1.984	6.384	1.851	0.29	2.071	5.992	1.738	0.29	2.158
27	18	5.488	4.445	0.81	1.705	5.040	4.082	0.81	1.810	4.648	3.765	0.81	1.879
27	20	5.768	3.980	0.69	1.775	5.376	3.709	0.69	1.862	4.984	3.439	0.69	1.966
27	22	6.104	3.479	0.57	1.844	5.712	3.256	0.57	1.949	5.320	3.032	0.57	2.018
27	24	6.440	2.898	0.45	1.914	6.048	2.722	0.45	2.001	5.712	2.570	0.45	2.088
27	26	6.776	2.236	0.33	1.984	6.384	2.107	0.33	2.071	5.992	1.977	0.33	2.158
28	18	5.488	4.665	0.85	1.705	5.040	4.284	0.85	1.810	4.648	3.951	0.85	1.879
28	20	5.768	4.211	0.73	1.775	5.376	3.924	0.73	1.862	4.984	3.638	0.73	1.966
28	22	6.104	3.723	0.61	1.844	5.712	3.484	0.61	1.949	5.320	3.245	0.61	2.018
28	24	6.440	3.156	0.49	1.914	6.048	2.964	0.49	2.001	5.712	2.799	0.49	2.088
28	26	6.776	2.507	0.37	1.984	6.384	2.362	0.37	2.071	5.992	2.217	0.37	2.158
29	18	5.488	4.884	0.89	1.705	5.040	4.486	0.89	1.810	4.648	4.137	0.89	1.879
29	20	5.768	4.441	0.77	1.775	5.376	4.140	0.77	1.862	4.984	3.838	0.77	1.966
29	22	6.104	3.968	0.65	1.844	5.712	3.713	0.65	1.949	5.320	3.458	0.65	2.018
29	24	6.440	3.413	0.53	1.914	6.048	3.205	0.53	2.001	5.712	3.027	0.53	2.088
29	26	6.776	2.778	0.41	1.984	6.384	2.617	0.41	2.071	5.992	2.457	0.41	2.158
30	18	5.488	5.104	0.93	1.705	5.040	4.687	0.93	1.810	4.648	4.323	0.93	1.879
30	20	5.768	4.672	0.81	1.775	5.376	4.355	0.81	1.862	4.984	4.037	0.81	1.966
30	22	6.104	4.212	0.69	1.844	5.712	3.941	0.69	1.949	5.320	3.671	0.69	2.018
30	24	6.440	3.671	0.57	1.914	6.048	3.447	0.57	2.001	5.712	3.256	0.57	2.088
30	26	6.776	3.049	0.45	1.984	6.384	2.873	0.45	2.071	5.992	2.696	0.45	2.158
31	18	5.488	5.323	0.97	1.705	5.040	4.889	0.97	1.810	4.648	4.509	0.97	1.879
31	20	5.768	4.903	0.85	1.775	5.376	4.570	0.85	1.862	4.984	4.236	0.85	1.966
31	22	6.104	4.456	0.73	1.844	5.712	4.170	0.73	1.949	5.320	3.884	0.73	2.018
31	24	6.440	3.928	0.61	1.914	6.048	3.689	0.61	2.001	5.712	3.484	0.61	2.088
31	26	6.776	3.320	0.49	1.984	6.384	3.128	0.49	2.071	5.992	2.936	0.49	2.158
32	18	5.488	5.488	1.00	1.705	5.040	5.040	1.00	1.810	4.648	4.648	1.00	1.879
32	20	5.768	5.134	0.89	1.775	5.376	4.785	0.89	1.862	4.984	4.436	0.89	1.966
32	22	6.104	4.700	0.77	1.844	5.712	4.398	0.77	1.949	5.320	4.096	0.77	2.018
32	24	6.440	4.186	0.65	1.914	6.048	3.931	0.65	2.001	5.712	3.713	0.65	2.088
32	26	6.776	3.591	0.53	1.984	6.384	3.384	0.53	2.071	5.992	3.176	0.53	2.158

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M71DA2 SEZ-M71DAL2 / SUZ-KA71VA6
 CAPACITY : 7.100kW INPUT : 2.210kW SHF : 0.74

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.768	7.988	4.473	0.56	1.856	7.668	4.294	0.56	1.945	7.384	4.135	0.56	2.033
21	20	8.698	3.827	0.44	1.856	8.343	3.671	0.44	1.967	8.094	3.561	0.44	2.011	7.810	3.436	0.44	2.100
22	18	8.343	5.006	0.60	1.768	7.988	4.793	0.60	1.856	7.668	4.601	0.60	1.945	7.384	4.430	0.60	2.033
22	20	8.698	4.175	0.48	1.856	8.343	4.005	0.48	1.967	8.094	3.885	0.48	2.011	7.810	3.749	0.48	2.100
22	22	9.053	3.259	0.36	1.923	8.733	3.144	0.36	2.044	8.520	3.067	0.36	2.100	8.165	2.939	0.36	2.188
23	18	8.343	5.340	0.64	1.768	7.988	5.112	0.64	1.856	7.668	4.908	0.64	1.945	7.384	4.726	0.64	2.033
23	20	8.698	4.523	0.52	1.856	8.343	4.338	0.52	1.967	8.094	4.209	0.52	2.011	7.810	4.061	0.52	2.100
23	22	9.053	3.621	0.40	1.923	8.733	3.493	0.40	2.044	8.520	3.408	0.40	2.100	8.165	3.266	0.40	2.188
24	18	8.343	5.673	0.68	1.768	7.988	5.432	0.68	1.856	7.668	5.214	0.68	1.945	7.384	5.021	0.68	2.033
24	20	8.698	4.871	0.56	1.856	8.343	4.672	0.56	1.967	8.094	4.533	0.56	2.011	7.810	4.374	0.56	2.100
24	22	9.053	3.983	0.44	1.923	8.733	3.843	0.44	2.044	8.520	3.749	0.44	2.100	8.165	3.593	0.44	2.188
24	24	9.514	3.044	0.32	2.011	9.159	2.931	0.32	2.122	8.946	2.863	0.32	2.188	8.662	2.772	0.32	2.298
25	20	8.698	5.219	0.60	1.856	8.343	5.006	0.60	1.967	8.094	4.856	0.60	2.011	7.810	4.686	0.60	2.100
25	22	9.053	4.345	0.48	1.923	8.733	4.192	0.48	2.044	8.520	4.090	0.48	2.100	8.165	3.919	0.48	2.188
25	24	9.514	3.425	0.36	2.011	9.159	3.297	0.36	2.122	8.946	3.221	0.36	2.188	8.662	3.118	0.36	2.298
26	18	8.343	6.341	0.76	1.768	7.988	6.071	0.76	1.856	7.668	5.828	0.76	1.945	7.384	5.612	0.76	2.033
26	20	8.698	5.567	0.64	1.856	8.343	5.340	0.64	1.967	8.094	5.180	0.64	2.011	7.810	4.998	0.64	2.100
26	22	9.053	4.708	0.52	1.923	8.733	4.541	0.52	2.044	8.520	4.430	0.52	2.100	8.165	4.246	0.52	2.188
26	24	9.514	3.806	0.40	2.011	9.159	3.664	0.40	2.122	8.946	3.578	0.40	2.188	8.662	3.465	0.40	2.298
26	26	9.798	2.743	0.28	2.122	9.514	2.664	0.28	2.232	9.372	2.624	0.28	2.298	9.088	2.545	0.28	2.365
27	18	8.343	6.674	0.80	1.768	7.988	6.390	0.80	1.856	7.668	6.134	0.80	1.945	7.384	5.907	0.80	2.033
27	20	8.698	5.915	0.68	1.856	8.343	5.673	0.68	1.967	8.094	5.504	0.68	2.011	7.810	5.311	0.68	2.100
27	22	9.053	5.070	0.56	1.923	8.733	4.890	0.56	2.044	8.520	4.771	0.56	2.100	8.165	4.572	0.56	2.188
27	24	9.514	4.186	0.44	2.011	9.159	4.030	0.44	2.122	8.946	3.936	0.44	2.188	8.662	3.811	0.44	2.298
27	26	9.798	3.135	0.32	2.122	9.514	3.044	0.32	2.232	9.372	2.999	0.32	2.298	9.088	2.908	0.32	2.365
28	18	8.343	7.008	0.84	1.768	7.988	6.710	0.84	1.856	7.668	6.441	0.84	1.945	7.384	6.203	0.84	2.033
28	20	8.698	6.263	0.72	1.856	8.343	6.007	0.72	1.967	8.094	5.828	0.72	2.011	7.810	5.623	0.72	2.100
28	22	9.053	5.432	0.60	1.923	8.733	5.240	0.60	2.044	8.520	5.112	0.60	2.100	8.165	4.899	0.60	2.188
28	24	9.514	4.567	0.48	2.011	9.159	4.396	0.48	2.122	8.946	4.294	0.48	2.188	8.662	4.158	0.48	2.298
28	26	9.798	3.527	0.36	2.122	9.514	3.425	0.36	2.232	9.372	3.374	0.36	2.298	9.088	3.272	0.36	2.365
29	18	8.343	7.342	0.88	1.768	7.988	7.029	0.88	1.856	7.668	6.748	0.88	1.945	7.384	6.498	0.88	2.033
29	20	8.698	6.610	0.76	1.856	8.343	6.341	0.76	1.967	8.094	6.151	0.76	2.011	7.810	5.936	0.76	2.100
29	22	9.053	5.794	0.64	1.923	8.733	5.589	0.64	2.044	8.520	5.453	0.64	2.100	8.165	5.226	0.64	2.188
29	24	9.514	4.947	0.52	2.011	9.159	4.763	0.52	2.122	8.946	4.652	0.52	2.188	8.662	4.504	0.52	2.298
29	26	9.798	3.919	0.40	2.122	9.514	3.806	0.40	2.232	9.372	3.749	0.40	2.298	9.088	3.635	0.40	2.365
30	18	8.343	7.676	0.92	1.768	7.988	7.349	0.92	1.856	7.668	7.055	0.92	1.945	7.384	6.793	0.92	2.033
30	20	8.698	6.958	0.80	1.856	8.343	6.674	0.80	1.967	8.094	6.475	0.80	2.011	7.810	6.248	0.80	2.100
30	22	9.053	6.156	0.68	1.923	8.733	5.938	0.68	2.044	8.520	5.794	0.68	2.100	8.165	5.552	0.68	2.188
30	24	9.514	5.328	0.56	2.011	9.159	5.129	0.56	2.122	8.946	5.010	0.56	2.188	8.662	4.851	0.56	2.298
30	26	9.798	4.311	0.44	2.122	9.514	4.186	0.44	2.232	9.372	4.124	0.44	2.298	9.088	3.999	0.44	2.365
31	18	8.343	8.009	0.96	1.768	7.988	7.668	0.96	1.856	7.668	7.361	0.96	1.945	7.384	7.089	0.96	2.033
31	20	8.698	7.306	0.84	1.856	8.343	7.008	0.84	1.967	8.094	6.799	0.84	2.011	7.810	6.560	0.84	2.100
31	22	9.053	6.518	0.72	1.923	8.733	6.288	0.72	2.044	8.520	6.134	0.72	2.100	8.165	5.879	0.72	2.188
31	24	9.514	5.708	0.60	2.011	9.159	5.495	0.60	2.122	8.946	5.368	0.60	2.188	8.662	5.197	0.60	2.298
31	26	9.798	4.703	0.48	2.122	9.514	4.567	0.48	2.232	9.372	4.499	0.48	2.298	9.088	4.362	0.48	2.365
32	18	8.343	8.343	1.00	1.768	7.988	7.988	1.00	1.856	7.668	7.668	1.00	1.945	7.384	7.384	1.00	2.033
32	20	8.698	7.654	0.88	1.856	8.343	7.342	0.88	1.967	8.094	7.123	0.88	2.011	7.810	6.873	0.88	2.100
32	22	9.053	6.880	0.76	1.923	8.733	6.637	0.76	2.044	8.520	6.475	0.76	2.100	8.165	6.205	0.76	2.188
32	24	9.514	6.089	0.64	2.011	9.159	5.862	0.64	2.122	8.946	5.725	0.64	2.188	8.662	5.544	0.64	2.298
32	26	9.798	5.095	0.52	2.122	9.514	4.947	0.52	2.232	9.372	4.873	0.52	2.298	9.088	4.726	0.52	2.365

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SEZ-M71DA2 SEZ-M71DAL2 / SUZ-KA71VA6
 CAPACITY : 7.100kW INPUT : 2.210kW SHF : 0.74

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	2.166	6.390	3.578	0.56	2.298	5.893	3.300	0.56	2.387
21	20	7.313	3.218	0.44	2.254	6.816	2.999	0.44	2.365	6.319	2.780	0.44	2.497
22	18	6.958	4.175	0.60	2.166	6.390	3.834	0.60	2.298	5.893	3.536	0.60	2.387
22	20	7.313	3.510	0.48	2.254	6.816	3.272	0.48	2.365	6.319	3.033	0.48	2.497
22	22	7.739	2.786	0.36	2.343	7.242	2.607	0.36	2.475	6.745	2.428	0.36	2.564
23	18	6.958	4.453	0.64	2.166	6.390	4.090	0.64	2.298	5.893	3.772	0.64	2.387
23	20	7.313	3.803	0.52	2.254	6.816	3.544	0.52	2.365	6.319	3.286	0.52	2.497
23	22	7.739	3.096	0.40	2.343	7.242	2.897	0.40	2.475	6.745	2.698	0.40	2.564
24	18	6.958	4.731	0.68	2.166	6.390	4.345	0.68	2.298	5.893	4.007	0.68	2.387
24	20	7.313	4.095	0.56	2.254	6.816	3.817	0.56	2.365	6.319	3.539	0.56	2.497
24	22	7.739	3.405	0.44	2.343	7.242	3.186	0.44	2.475	6.745	2.968	0.44	2.564
24	24	8.165	2.613	0.32	2.431	7.668	2.454	0.32	2.542	7.242	2.317	0.32	2.652
25	20	7.313	4.388	0.60	2.254	6.816	4.090	0.60	2.365	6.319	3.791	0.60	2.497
25	22	7.739	3.715	0.48	2.343	7.242	3.476	0.48	2.475	6.745	3.238	0.48	2.564
25	24	8.165	2.939	0.36	2.431	7.668	2.760	0.36	2.542	7.242	2.607	0.36	2.652
26	18	6.958	5.288	0.76	2.166	6.390	4.856	0.76	2.298	5.893	4.479	0.76	2.387
26	20	7.313	4.680	0.64	2.254	6.816	4.362	0.64	2.365	6.319	4.044	0.64	2.497
26	22	7.739	4.024	0.52	2.343	7.242	3.766	0.52	2.475	6.745	3.507	0.52	2.564
26	24	8.165	3.266	0.40	2.431	7.668	3.067	0.40	2.542	7.242	2.897	0.40	2.652
26	26	8.591	2.405	0.28	2.519	8.094	2.266	0.28	2.630	7.597	2.127	0.28	2.740
27	18	6.958	5.566	0.80	2.166	6.390	5.112	0.80	2.298	5.893	4.714	0.80	2.387
27	20	7.313	4.973	0.68	2.254	6.816	4.635	0.68	2.365	6.319	4.297	0.68	2.497
27	22	7.739	4.334	0.56	2.343	7.242	4.056	0.56	2.475	6.745	3.777	0.56	2.564
27	24	8.165	3.593	0.44	2.431	7.668	3.374	0.44	2.542	7.242	3.186	0.44	2.652
27	26	8.591	2.749	0.32	2.519	8.094	2.590	0.32	2.630	7.597	2.431	0.32	2.740
28	18	6.958	5.845	0.84	2.166	6.390	5.368	0.84	2.298	5.893	4.950	0.84	2.387
28	20	7.313	5.265	0.72	2.254	6.816	4.908	0.72	2.365	6.319	4.550	0.72	2.497
28	22	7.739	4.643	0.60	2.343	7.242	4.345	0.60	2.475	6.745	4.047	0.60	2.564
28	24	8.165	3.919	0.48	2.431	7.668	3.681	0.48	2.542	7.242	3.476	0.48	2.652
28	26	8.591	3.093	0.36	2.519	8.094	2.914	0.36	2.630	7.597	2.735	0.36	2.740
29	18	6.958	6.123	0.88	2.166	6.390	5.623	0.88	2.298	5.893	5.186	0.88	2.387
29	20	7.313	5.558	0.76	2.254	6.816	5.180	0.76	2.365	6.319	4.802	0.76	2.497
29	22	7.739	4.953	0.64	2.343	7.242	4.635	0.64	2.475	6.745	4.317	0.64	2.564
29	24	8.165	4.246	0.52	2.431	7.668	3.987	0.52	2.542	7.242	3.766	0.52	2.652
29	26	8.591	3.436	0.40	2.519	8.094	3.238	0.40	2.630	7.597	3.039	0.40	2.740
30	18	6.958	6.401	0.92	2.166	6.390	5.879	0.92	2.298	5.893	5.422	0.92	2.387
30	20	7.313	5.850	0.80	2.254	6.816	5.453	0.80	2.365	6.319	5.055	0.80	2.497
30	22	7.739	5.263	0.68	2.343	7.242	4.925	0.68	2.475	6.745	4.587	0.68	2.564
30	24	8.165	4.572	0.56	2.431	7.668	4.294	0.56	2.542	7.242	4.056	0.56	2.652
30	26	8.591	3.780	0.44	2.519	8.094	3.561	0.44	2.630	7.597	3.343	0.44	2.740
31	18	6.958	6.680	0.96	2.166	6.390	6.134	0.96	2.298	5.893	5.657	0.96	2.387
31	20	7.313	6.143	0.84	2.254	6.816	5.725	0.84	2.365	6.319	5.308	0.84	2.497
31	22	7.739	5.572	0.72	2.343	7.242	5.214	0.72	2.475	6.745	4.856	0.72	2.564
31	24	8.165	4.899	0.60	2.431	7.668	4.601	0.60	2.542	7.242	4.345	0.60	2.652
31	26	8.591	4.124	0.48	2.519	8.094	3.885	0.48	2.630	7.597	3.647	0.48	2.740
32	18	6.958	6.958	1.00	2.166	6.390	6.390	1.00	2.298	5.893	5.893	1.00	2.387
32	20	7.313	6.435	0.88	2.254	6.816	5.998	0.88	2.365	6.319	5.561	0.88	2.497
32	22	7.739	5.882	0.76	2.343	7.242	5.504	0.76	2.475	6.745	5.126	0.76	2.564
32	24	8.165	5.226	0.64	2.431	7.668	4.908	0.64	2.542	7.242	4.635	0.64	2.652
32	26	8.591	4.467	0.52	2.519	8.094	4.209	0.52	2.630	7.597	3.950	0.52	2.740

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING operation
SEZ-M25DA2 SEZ-M25DAL2 / SUZ-KA25VA6

CAPACITY : 2.900kW INPUT : 0.803kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.450	0.418	1.827	0.522	2.204	0.626	2.581	0.707	2.958	0.763	3.335	0.811	3.683	0.835	4.060	0.851
21	1.363	0.445	1.740	0.562	2.088	0.666	2.465	0.739	2.813	0.795	3.190	0.835	3.538	0.859	3.901	0.891
26	1.189	0.482	1.566	0.602	1.943	0.707	2.291	0.779	2.668	0.835	3.045	0.875	3.393	0.899	3.770	0.923

SEZ-M35DA2 SEZ-M35DAL2 / SUZ-KA35VA6

CAPACITY : 4.200kW INPUT : 1.132kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.100	0.589	2.646	0.736	3.192	0.883	3.738	0.996	4.284	1.075	4.830	1.143	5.334	1.177	5.880	1.200
21	1.974	0.627	2.520	0.792	3.024	0.940	3.570	1.041	4.074	1.121	4.620	1.177	5.124	1.211	5.649	1.257
26	1.722	0.679	2.268	0.849	2.814	0.996	3.318	1.098	3.864	1.177	4.410	1.234	4.914	1.268	5.460	1.302

SEZ-M50DA2 SEZ-M50DAL2 / SUZ-KA50VA6

CAPACITY : 6.400kW INPUT : 1.800kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.200	0.936	4.032	1.170	4.864	1.404	5.696	1.584	6.528	1.710	7.360	1.818	8.128	1.872	8.960	1.908
21	3.008	0.997	3.840	1.260	4.608	1.494	5.440	1.656	6.208	1.782	7.040	1.872	7.808	1.926	8.608	1.998
26	2.624	1.080	3.456	1.350	4.288	1.584	5.056	1.746	5.888	1.872	6.720	1.962	7.488	2.016	8.320	2.070

SEZ-M60DA2, SEZ-M60DAL2 / SUZ-KA60VA6

CAPACITY : 7.400kW INPUT : 2.200kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.700	1.144	4.662	1.430	5.624	1.716	6.586	1.936	7.548	2.090	8.510	2.222	9.398	2.288	10.360	2.332
21	3.478	1.219	4.440	1.540	5.328	1.826	6.290	2.024	7.178	2.178	8.140	2.288	9.028	2.354	9.953	2.442
26	3.034	1.320	3.996	1.650	4.958	1.936	5.846	2.134	6.808	2.288	7.770	2.398	8.658	2.464	9.620	2.530

SEZ-M71DA2, SEZ-M71DAL2 / SUZ-KA71VA6

CAPACITY : 8.100kW INPUT : 2.268kW

INDOOR	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
DB(°C)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.050	1.179	5.103	1.474	6.156	1.769	7.209	1.996	8.262	2.155	9.315	2.291	10.287	2.359	11.340	2.404
21	3.807	1.256	4.860	1.588	5.832	1.882	6.885	2.087	7.857	2.245	8.910	2.359	9.882	2.427	10.895	2.517
26	3.321	1.361	4.374	1.701	5.427	1.996	6.399	2.200	7.452	2.359	8.505	2.472	9.477	2.540	10.530	2.608

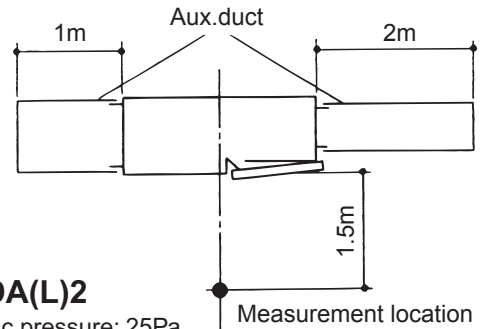
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

CEILING CONCEALED PERFORMANCE DATA

B.2.6 NOISE CRITERIA CURVES

NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than the indicated level in actual use due to surrounding echoes. The sound level can be higher by about 2 dB than the indicated level during cooling and heating operation.

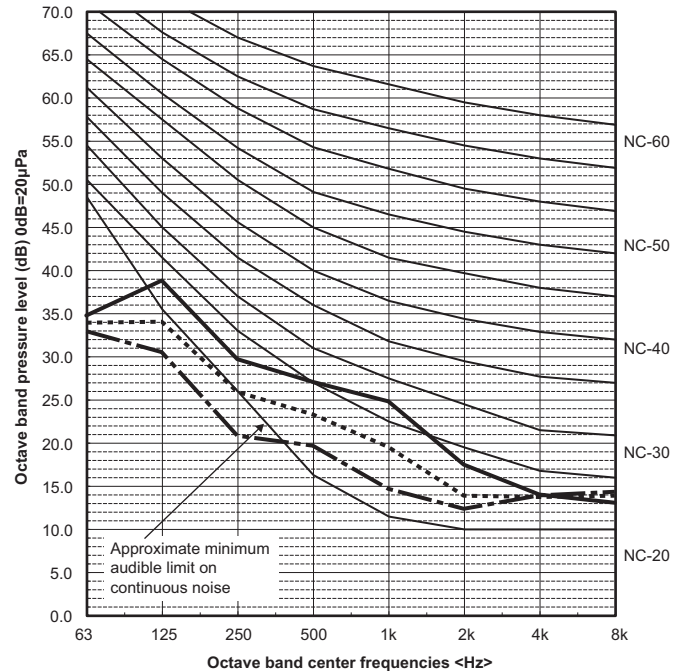
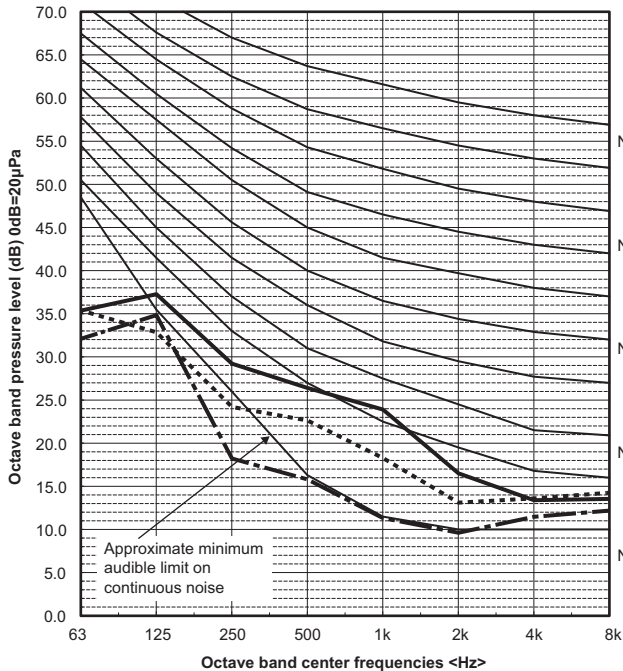


SEZ-M25DA(L)2

External static pressure: 5Pa
Power source: 220-240V

SEZ-M25DA(L)2

External static pressure: 25Pa
Power source: 220-240V

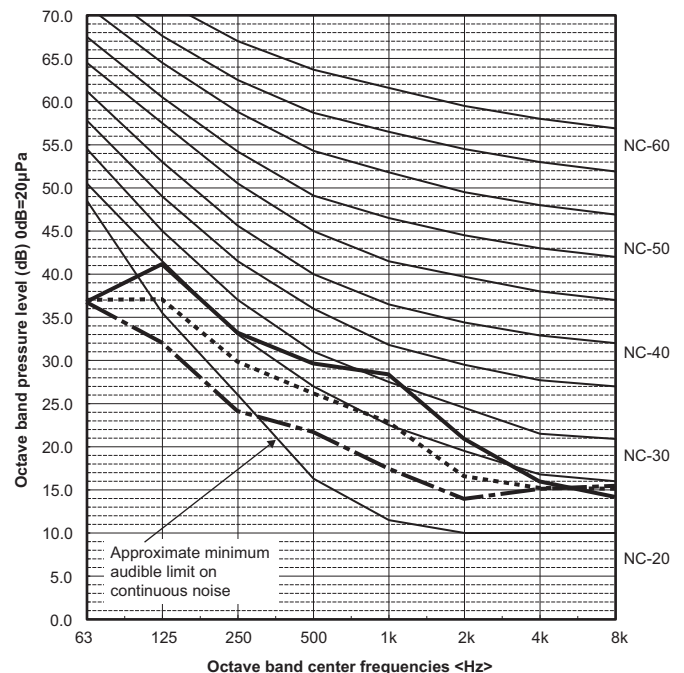
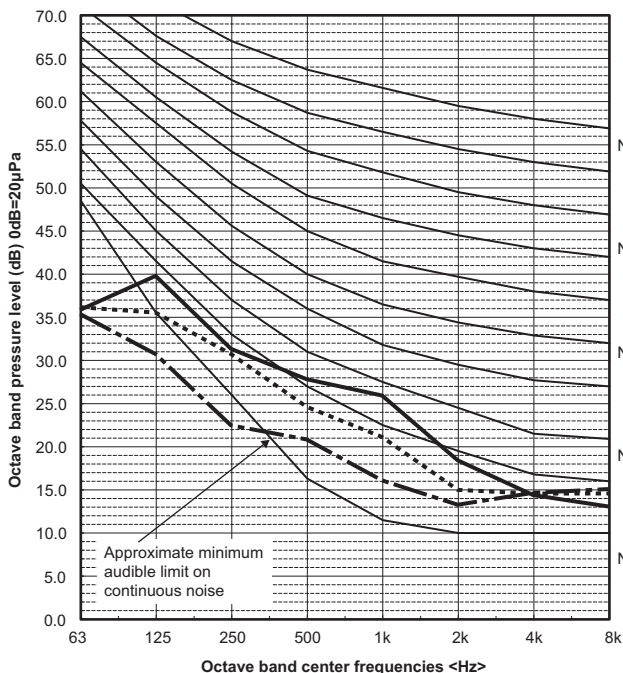


SEZ-M25DA(L)2

External static pressure: 35Pa
Power source: 220-240V

SEZ-M25DA(L)2

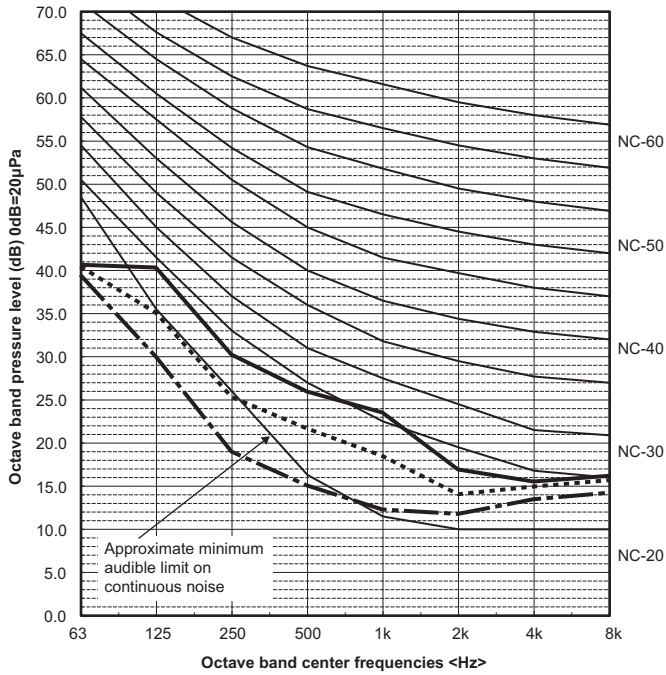
External static pressure: 50Pa
Power source: 220-240V



CEILING CONCEALED NOISE CRITERIA CURVES

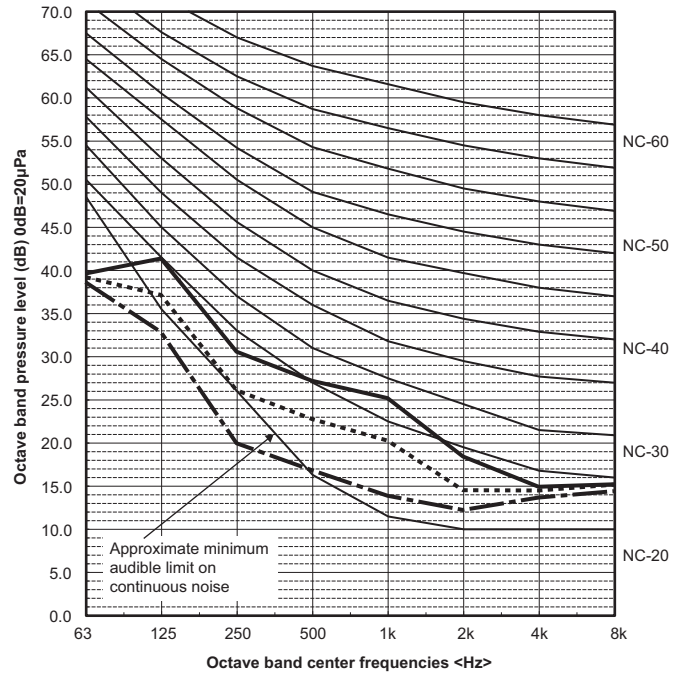
SEZ-M35DA(L)2

External static pressure: 5Pa
Power source: 220-240V



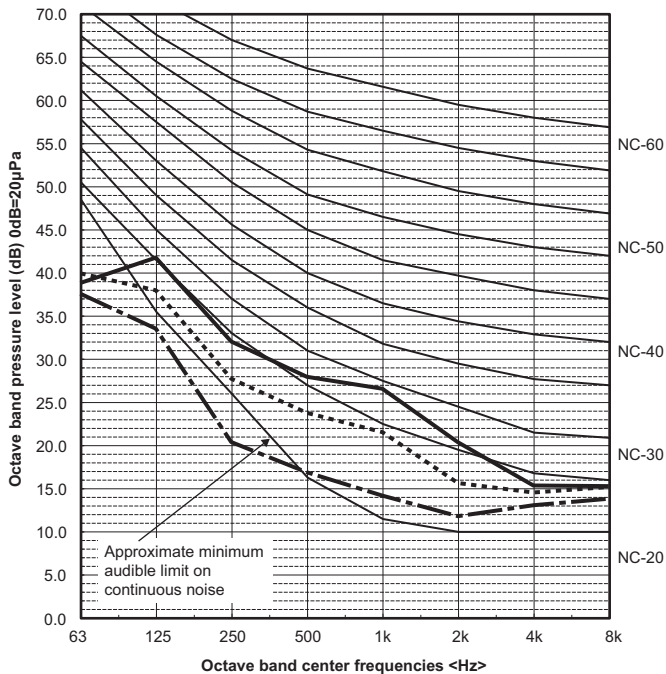
SEZ-M35DA(L)2

External static pressure: 25Pa
Power source: 220-240V



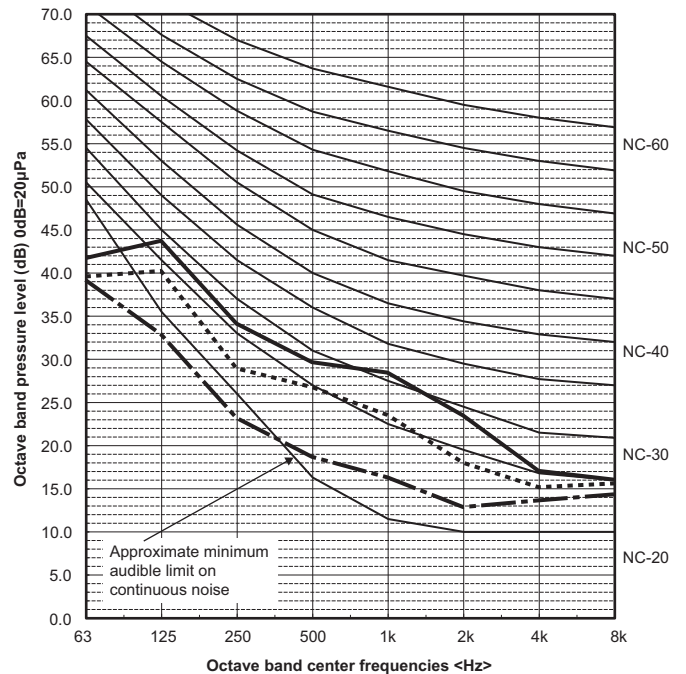
SEZ-M35DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M35DA(L)2

External static pressure: 50Pa
Power source: 220-240V

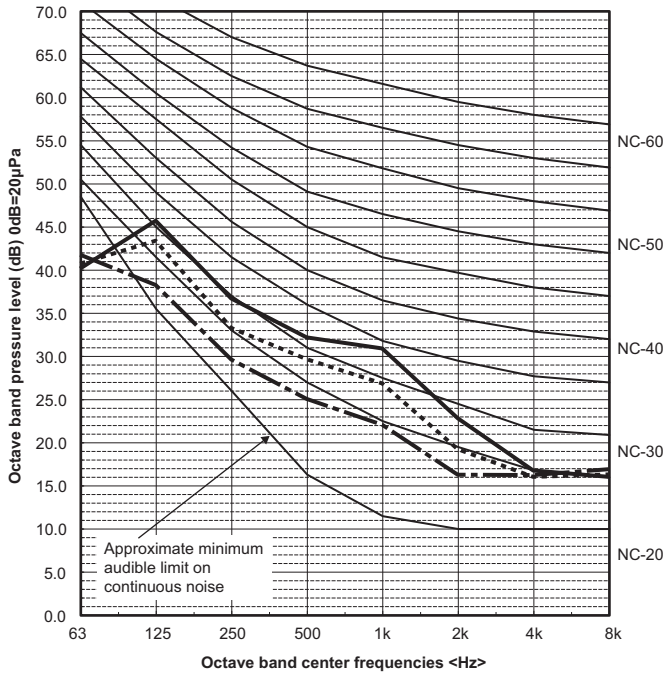


CEILING CONCEALED NOISE CRITERIA CURVES

NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

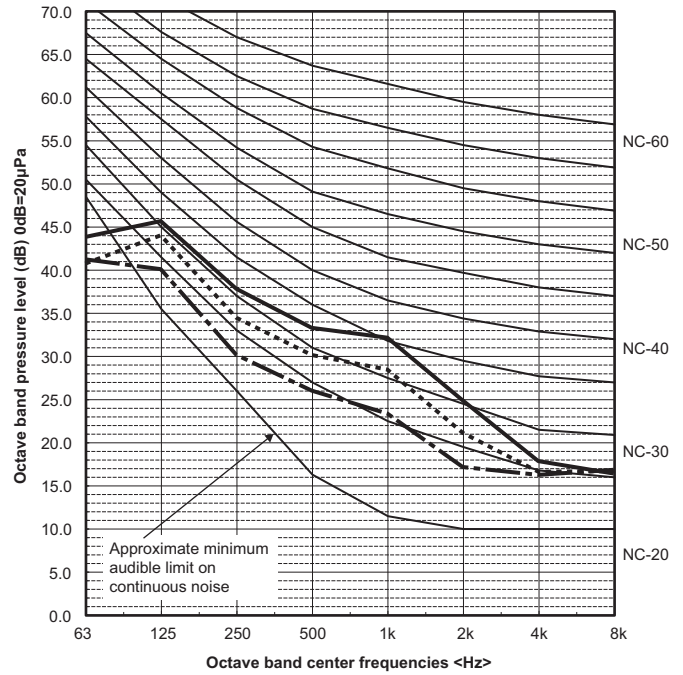
SEZ-M50DA(L)2

External static pressure: 5Pa
Power source: 220-240V



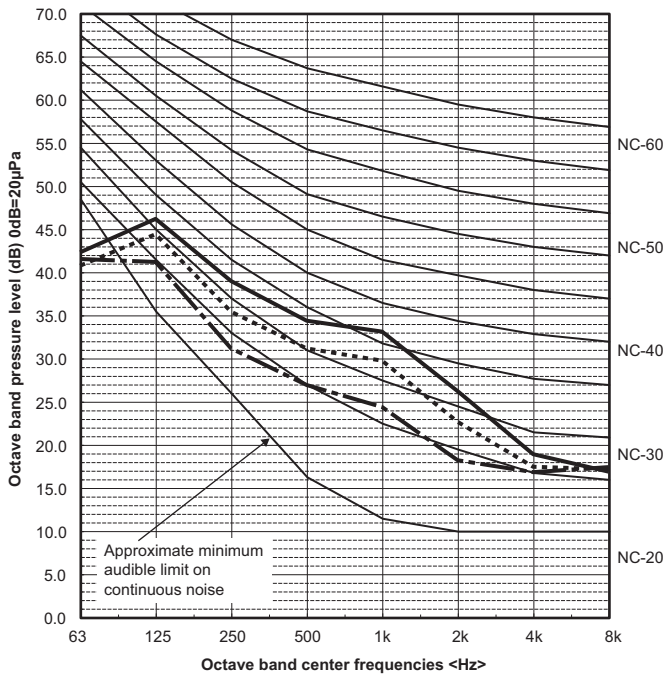
SEZ-M50DA(L)2

External static pressure: 25Pa
Power source: 220-240V



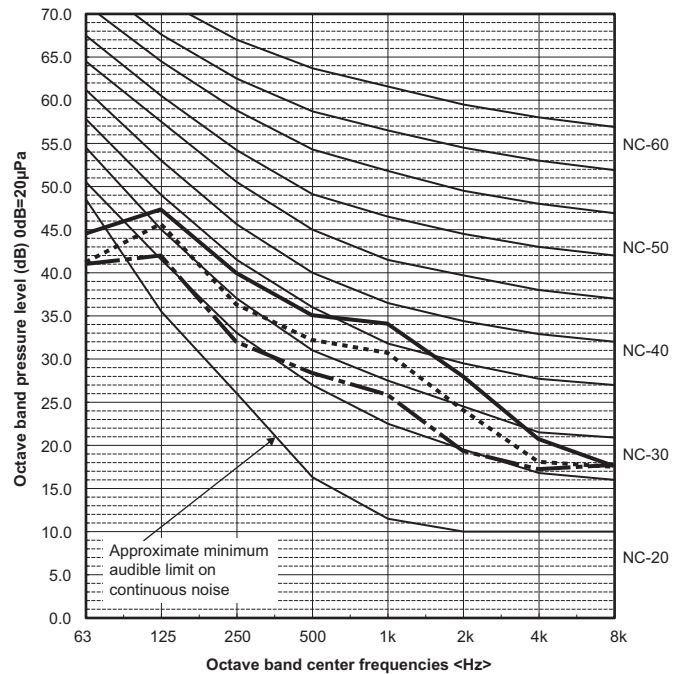
SEZ-M50DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M50DA(L)2

External static pressure: 50Pa
Power source: 220-240V

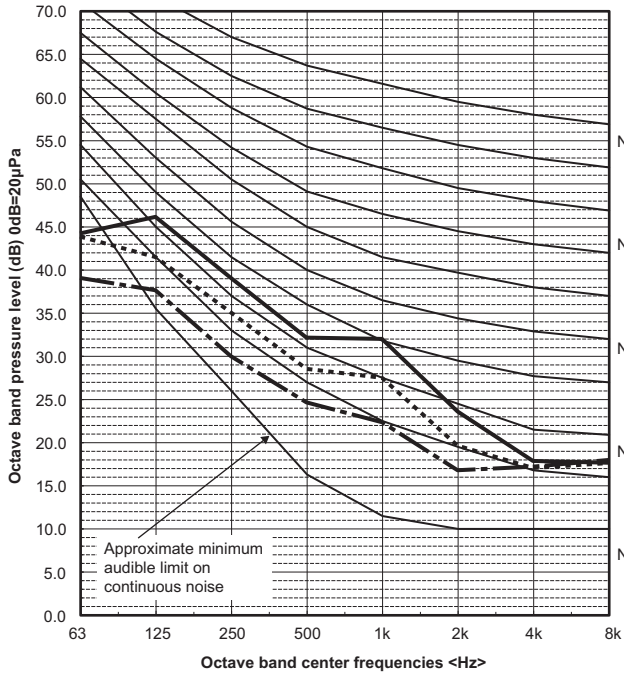


CEILING CONCEALED
NOISE CRITERIA CURVES

NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

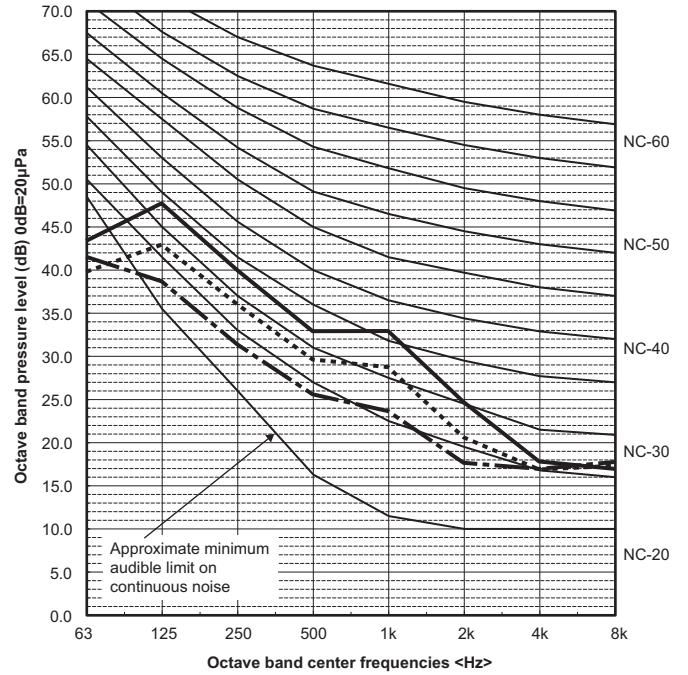
SEZ-M60DA(L)2

External static pressure: 5Pa
Power source: 220-240V



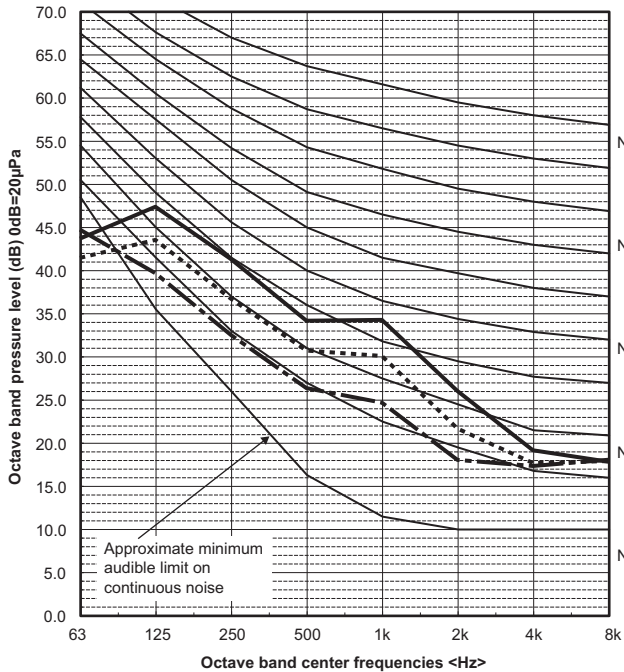
SEZ-M60DA(L)2

External static pressure: 25Pa
Power source: 220-240V



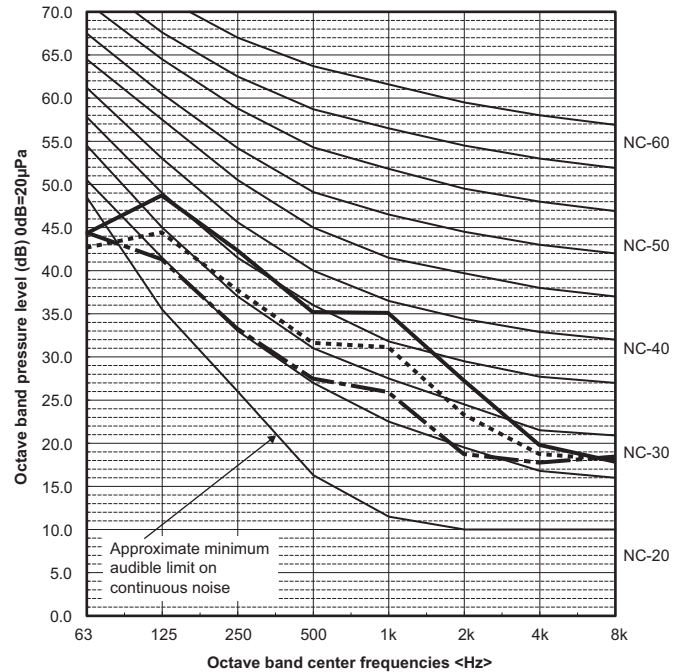
SEZ-M60DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M60DA(L)2

External static pressure: 50Pa
Power source: 220-240V

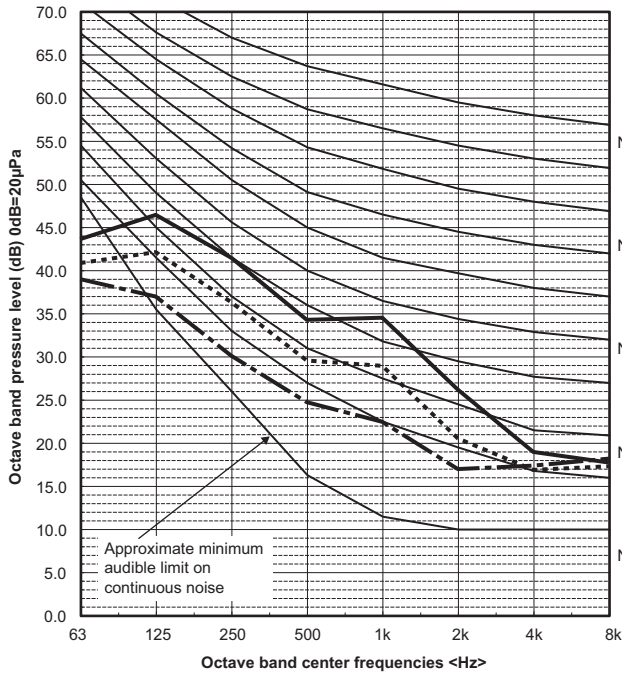


CEILING CONCEALED NOISE CRITERIA CURVES

NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

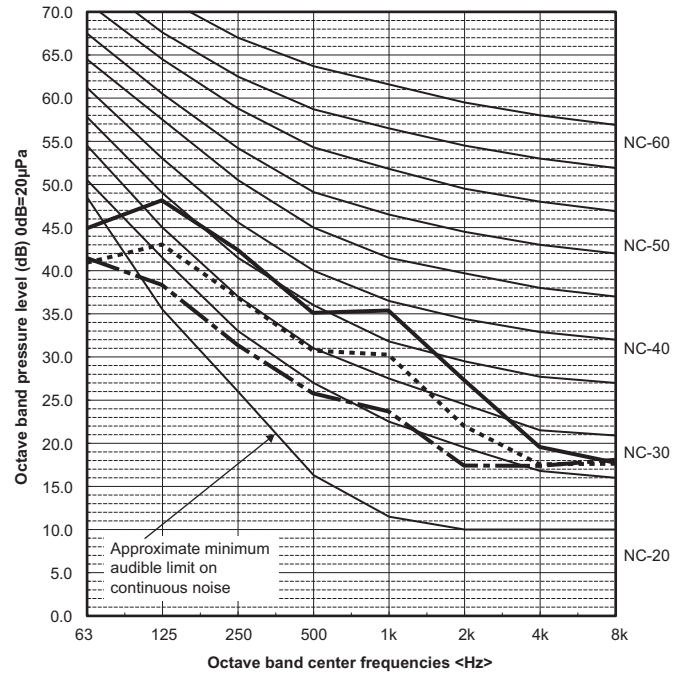
SEZ-M71DA(L)2

External static pressure: 5Pa
Power source: 220-240V



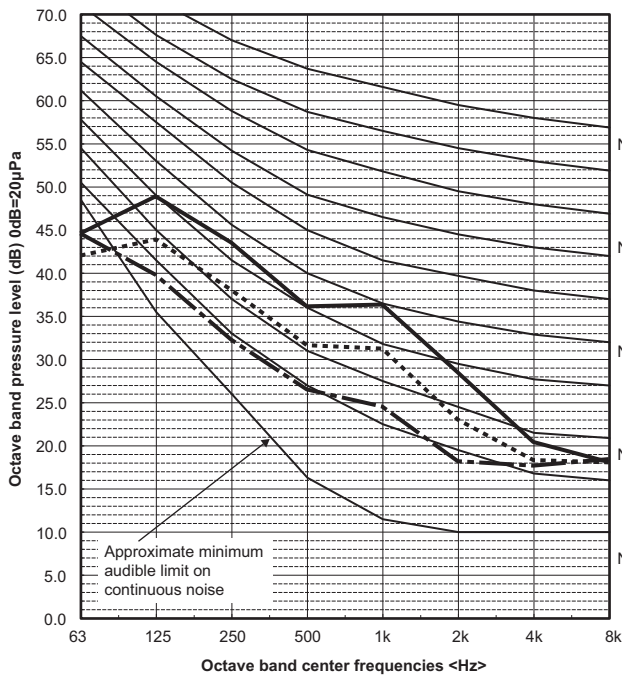
SEZ-M71DA(L)2

External static pressure: 25Pa
Power source: 220-240V



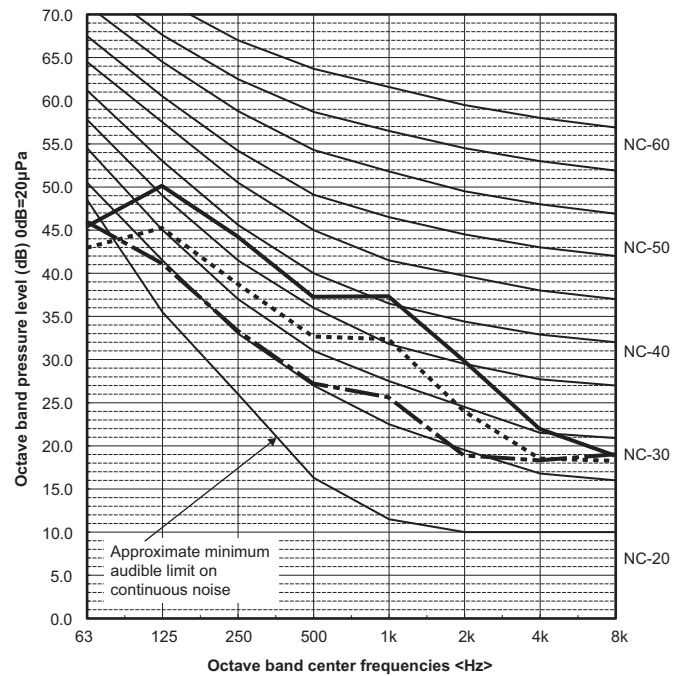
SEZ-M71DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M71DA(L)2

External static pressure: 50Pa
Power source: 220-240V



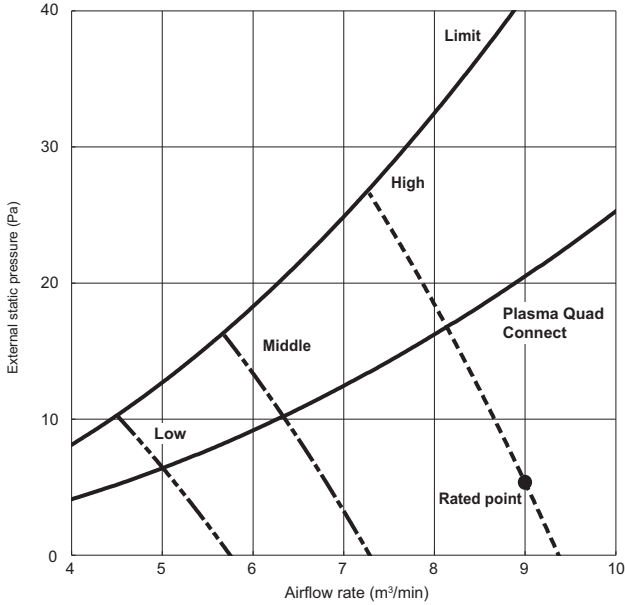
CEILING
CONCEALED

NOISE CRITERIA CURVES

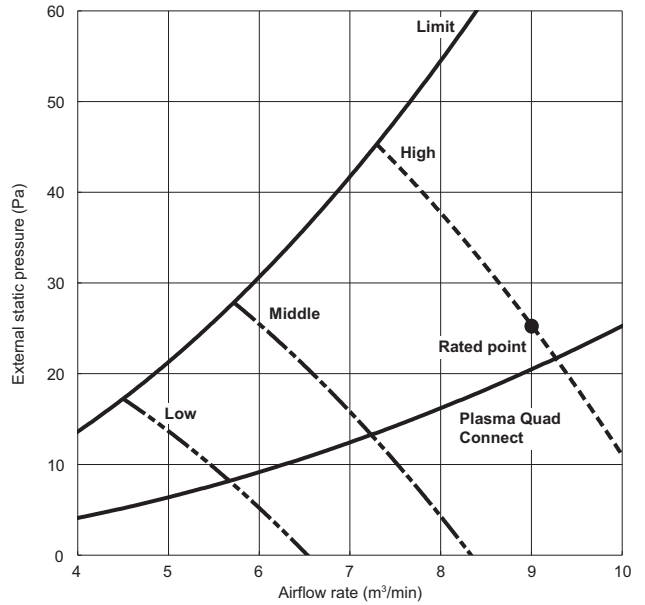
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

B.2.7 INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

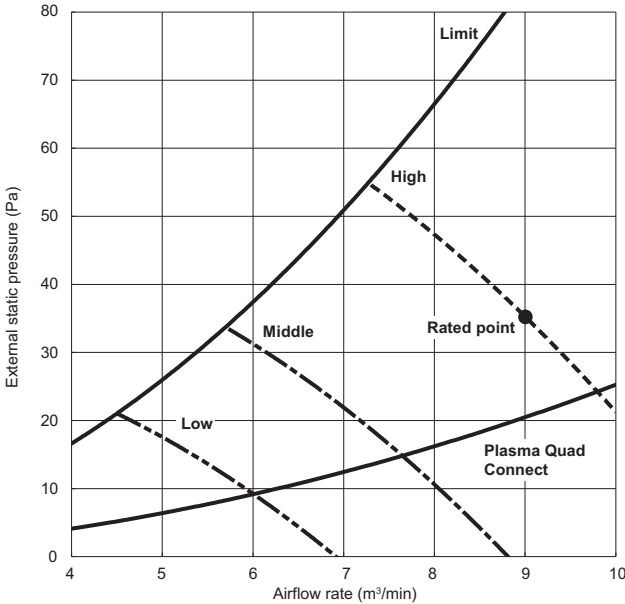
SEZ-M25DA(L)2
 External static pressure: 5Pa
 Powersource: 220-240V



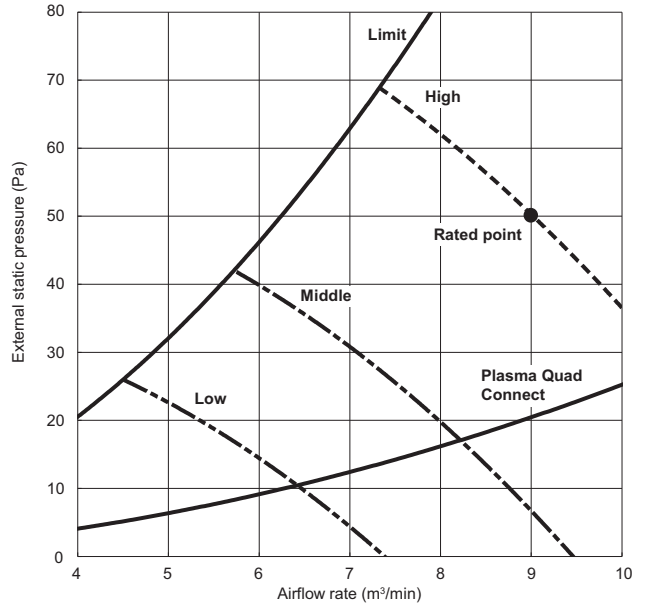
SEZ-M25DA(L)2
 External static pressure: 25Pa
 Powersource: 220-240V



SEZ-M25DA(L)2
 External static pressure: 35Pa
 Powersource: 220-240V



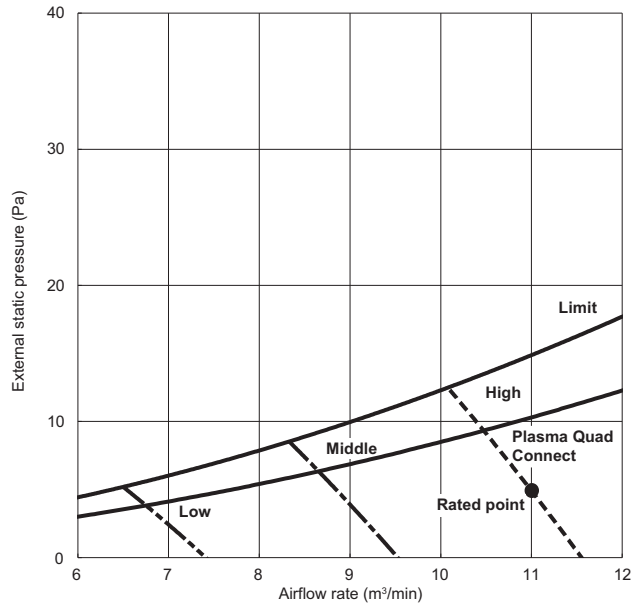
SEZ-M25DA(L)2
 External static pressure: 50Pa
 Powersource: 220-240V



CEILING CONCEALED
 INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

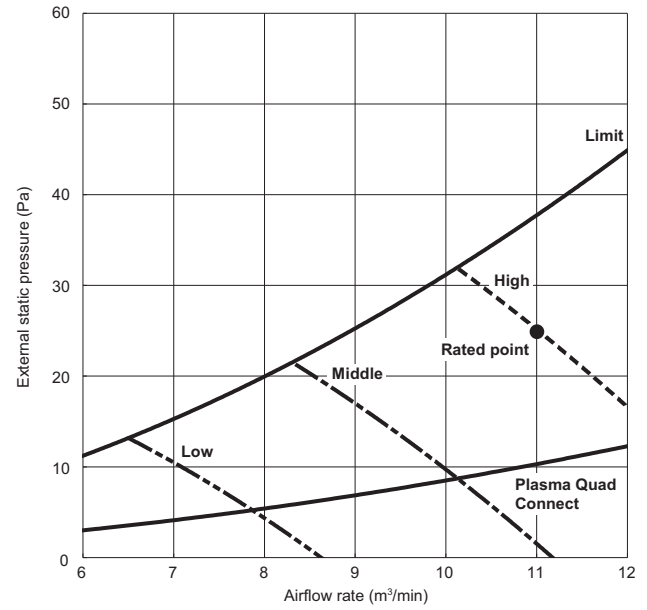
SEZ-M35DA(L)2

External static pressure: 5Pa
Powersource: 220-240V



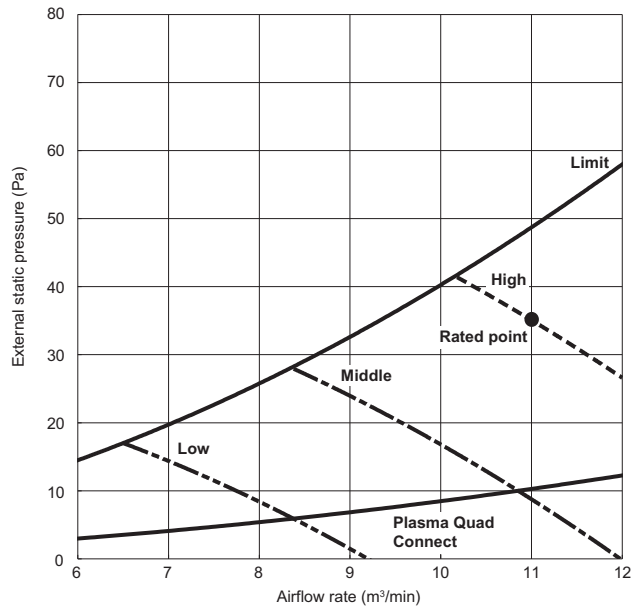
SEZ-M35DA(L)2

External static pressure: 25Pa
Powersource: 220-240V



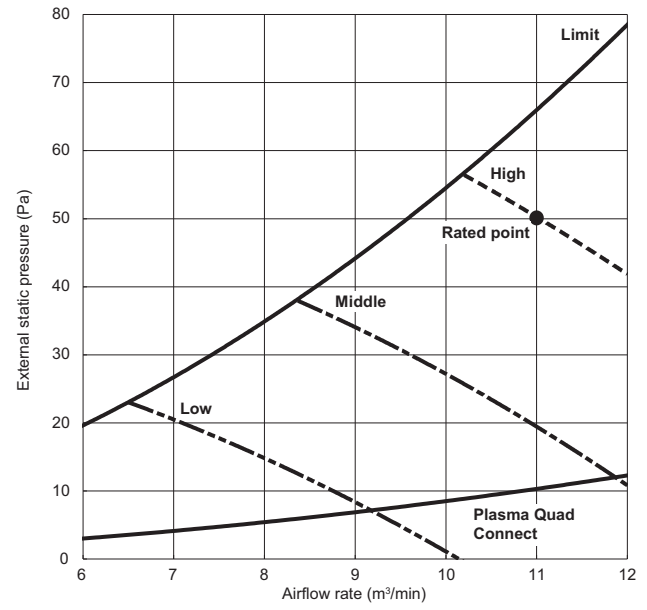
SEZ-M35DA(L)2

External static pressure: 35Pa
Powersource: 220-240V



SEZ-M35DA(L)2

External static pressure: 50Pa
Powersource: 220-240V

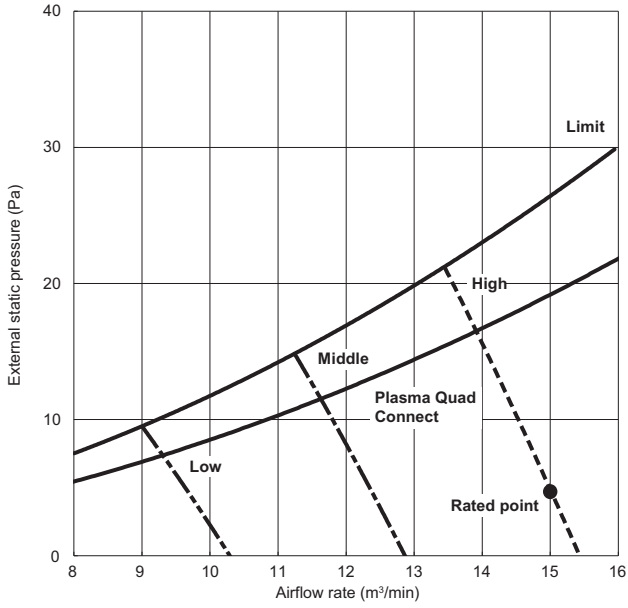


CEILING
CONCEALED

INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

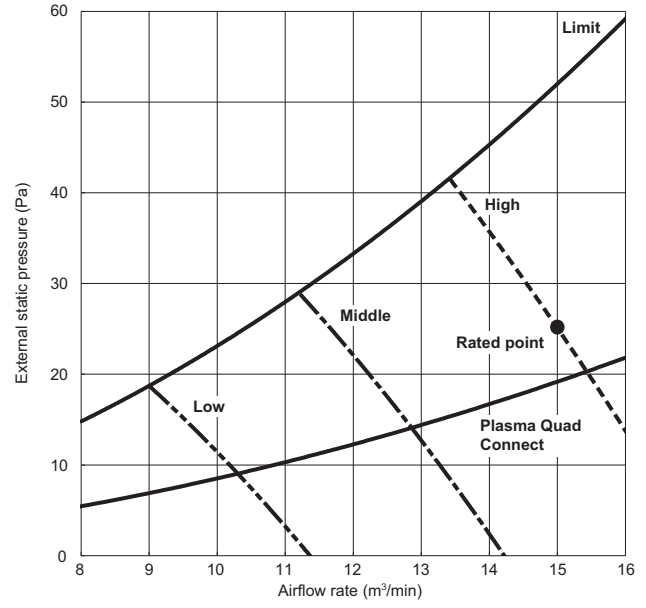
SEZ-M50DA(L)2

External static pressure: 5Pa
Powersource: 220-240V



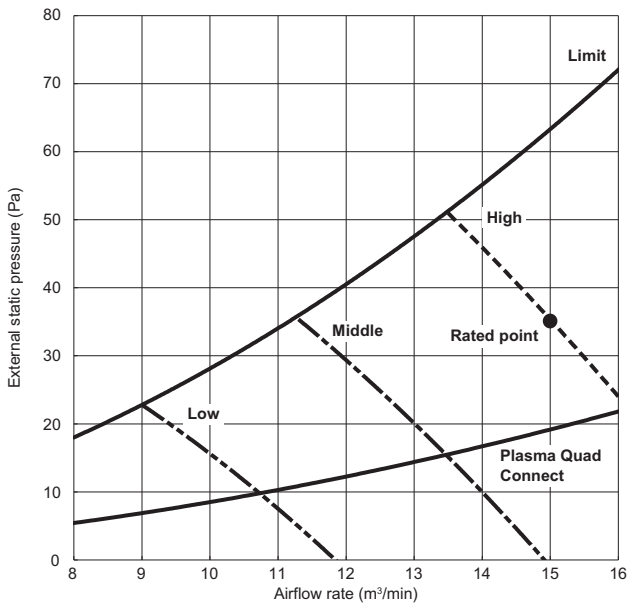
SEZ-M50DA(L)2

External static pressure: 25Pa
Powersource: 220-240V



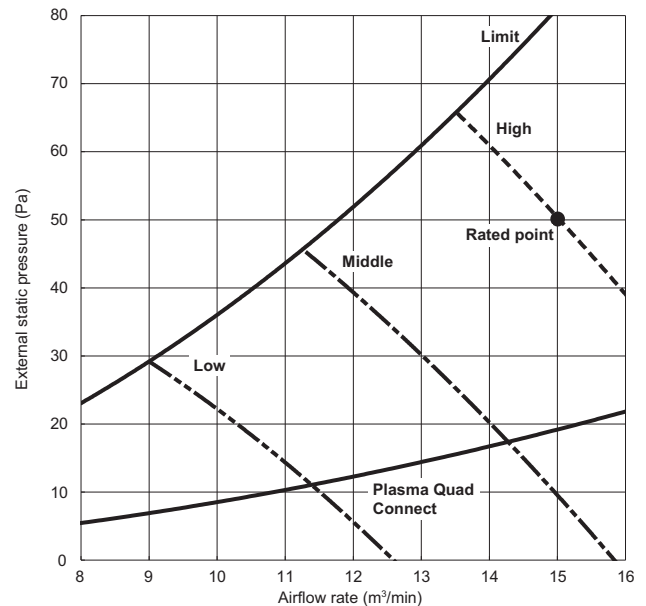
SEZ-M50DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M50DA(L)2

External static pressure: 50Pa
Power source: 220-240V

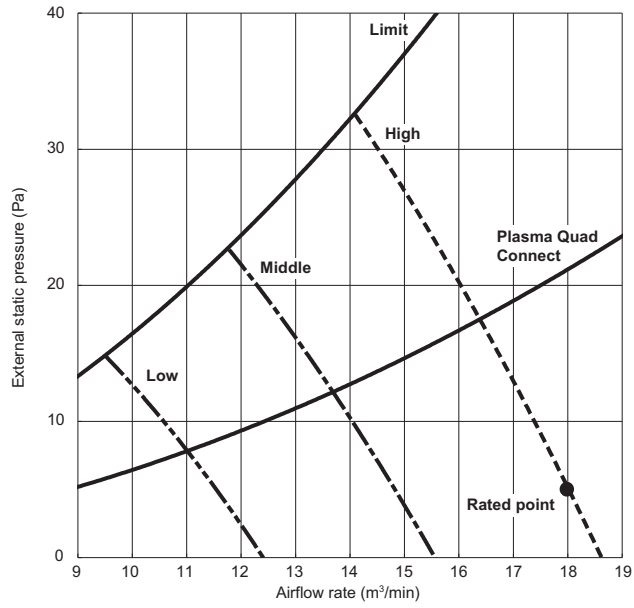


CEILING
CONCEALED

INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

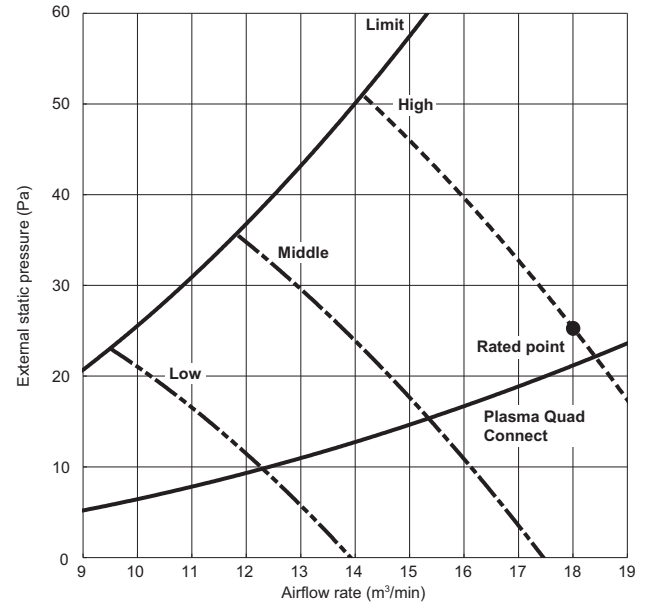
SEZ-M60DA(L)2

External static pressure: 5Pa
Power source: 220-240V



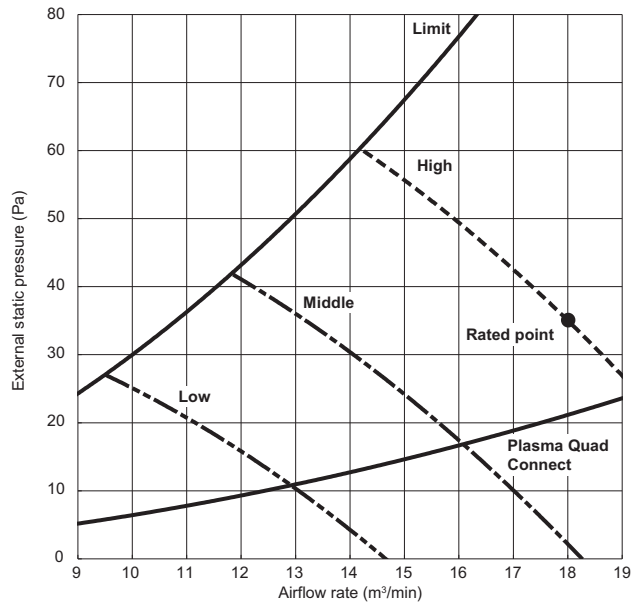
SEZ-M60DA(L)2

External static pressure: 25Pa
Power source: 220-240V



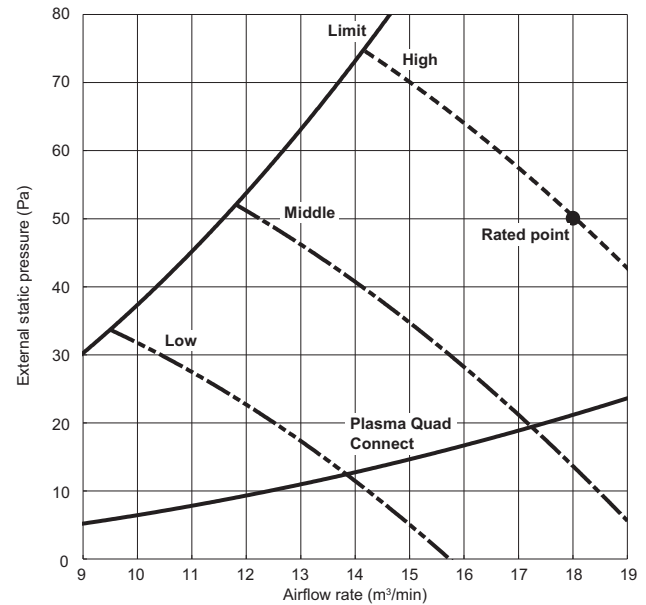
SEZ-M60DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M60DA(L)2

External static pressure: 50Pa
Power source: 220-240V

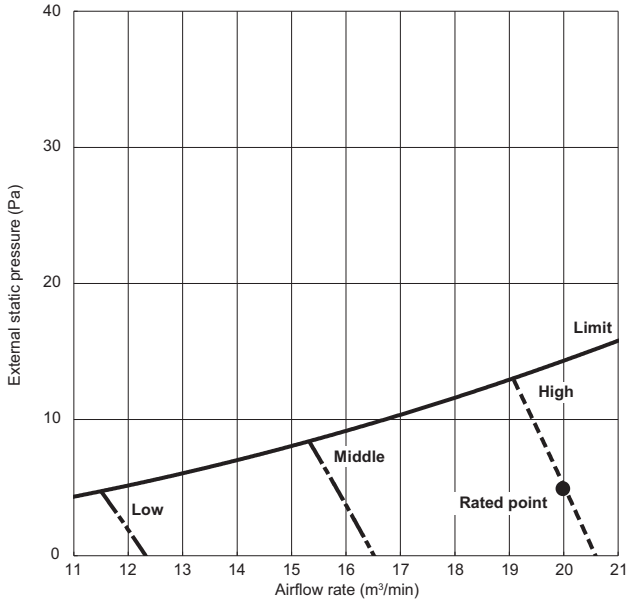


CEILING
CONCEALED

INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

SEZ-M71DA(L)2

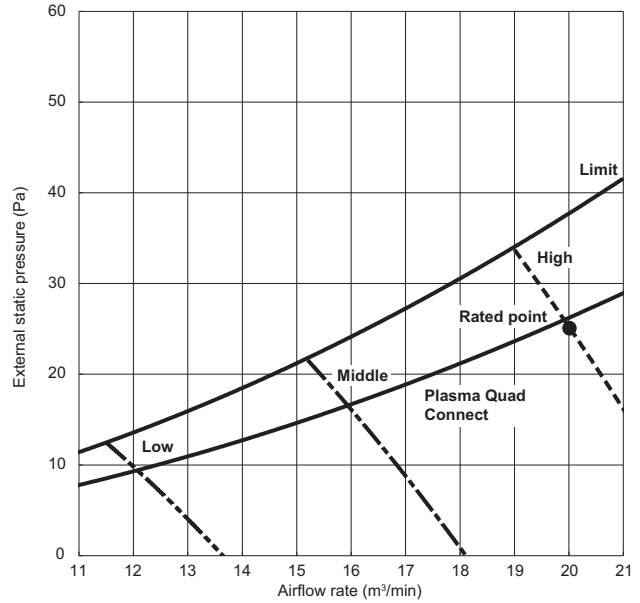
External static pressure: 5Pa
Power source : 220-240V



External static pressure must be over 25Pa when Plasma Quad Connect is equipped with SEZ-M71DA(L)2.

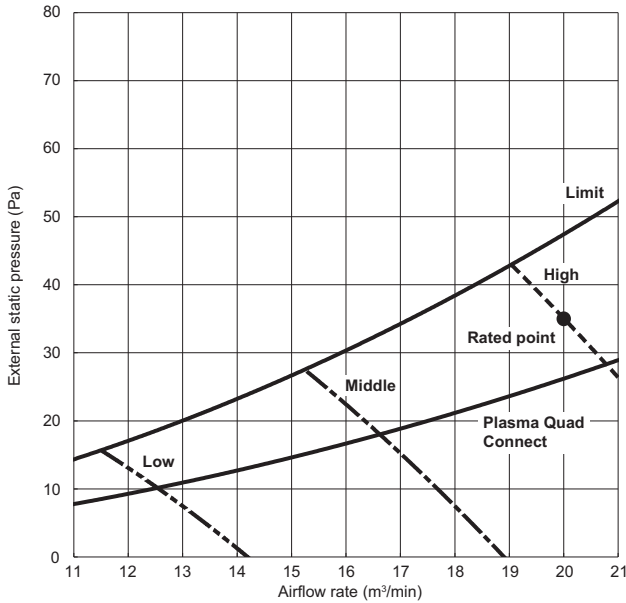
SEZ-M71DA(L)2

External static pressure: 25Pa
Power source: 220-240V



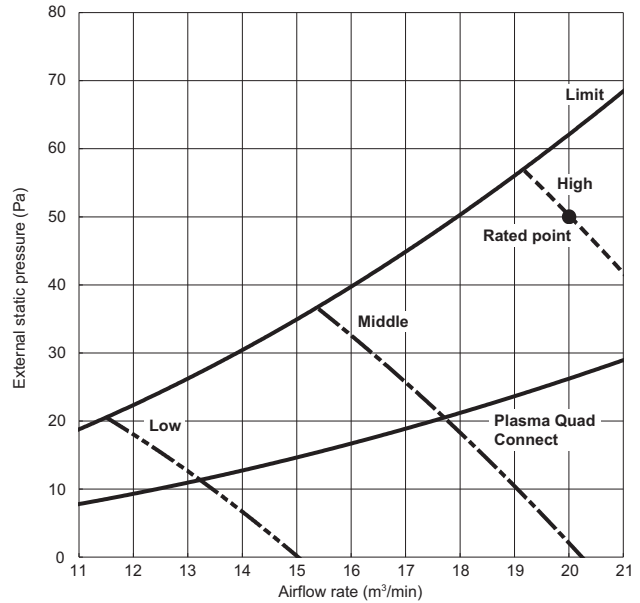
SEZ-M71DA(L)2

External static pressure: 35Pa
Power source: 220-240V



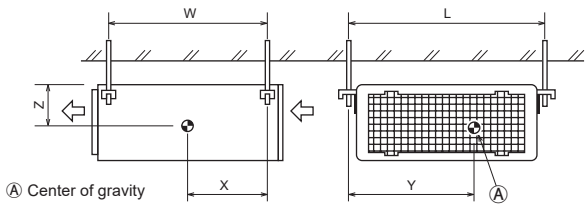
SEZ-M71DA(L)2

External static pressure: 50Pa
Power source: 220-240V



CEILING CONCEALED INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

B.2.8 CENTER OF GRAVITY POSITION



Center of gravity and Product Weight

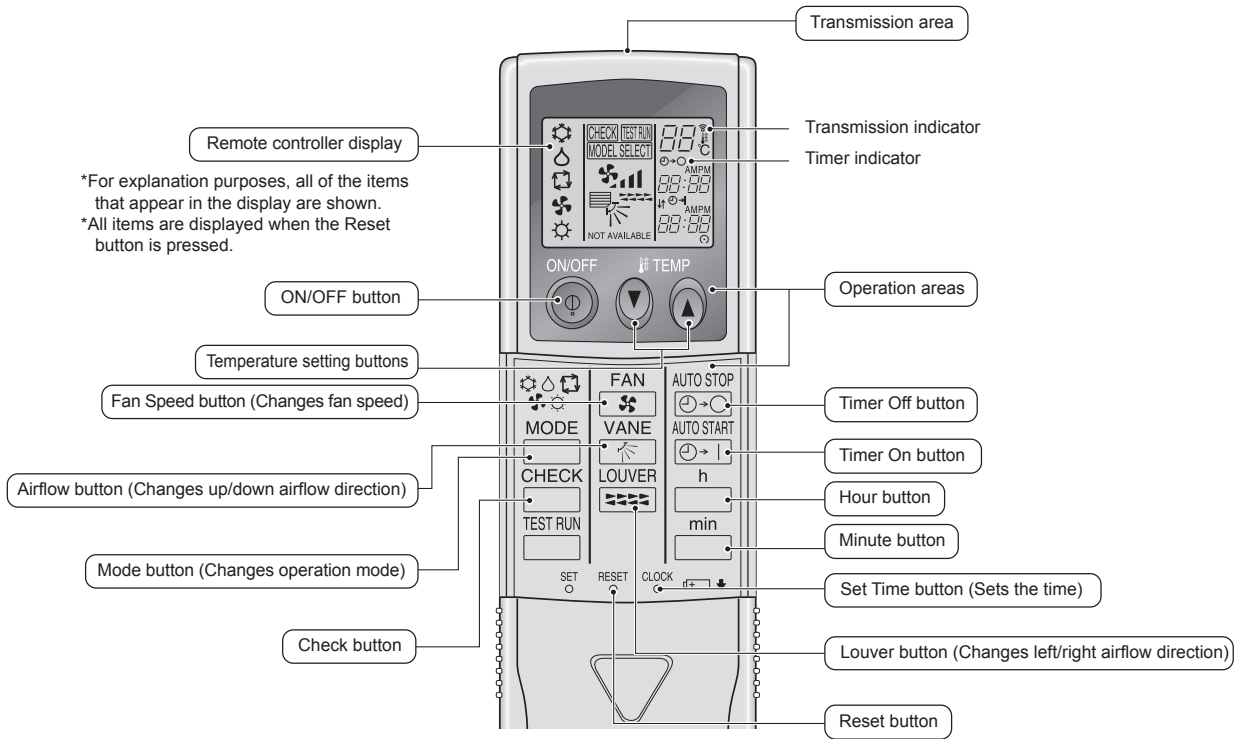
Model name	W	L	X	Y	Z	Product Weight (kg)
SEZ-M25	625	752	275	353	104	18
SEZ-M35	625	952	280	437	104	22
SEZ-M50	625	952	280	437	104	22
SEZ-M60	625	1152	285	527	104	25.5
SEZ-M71	625	1152	285	527	104	25.5

B.2.9 REMOTE CONTROLLER

B.2.9.1 WIRELESS REMOTE CONTROLLER

[PAR-SL97A-E]

When cover is open

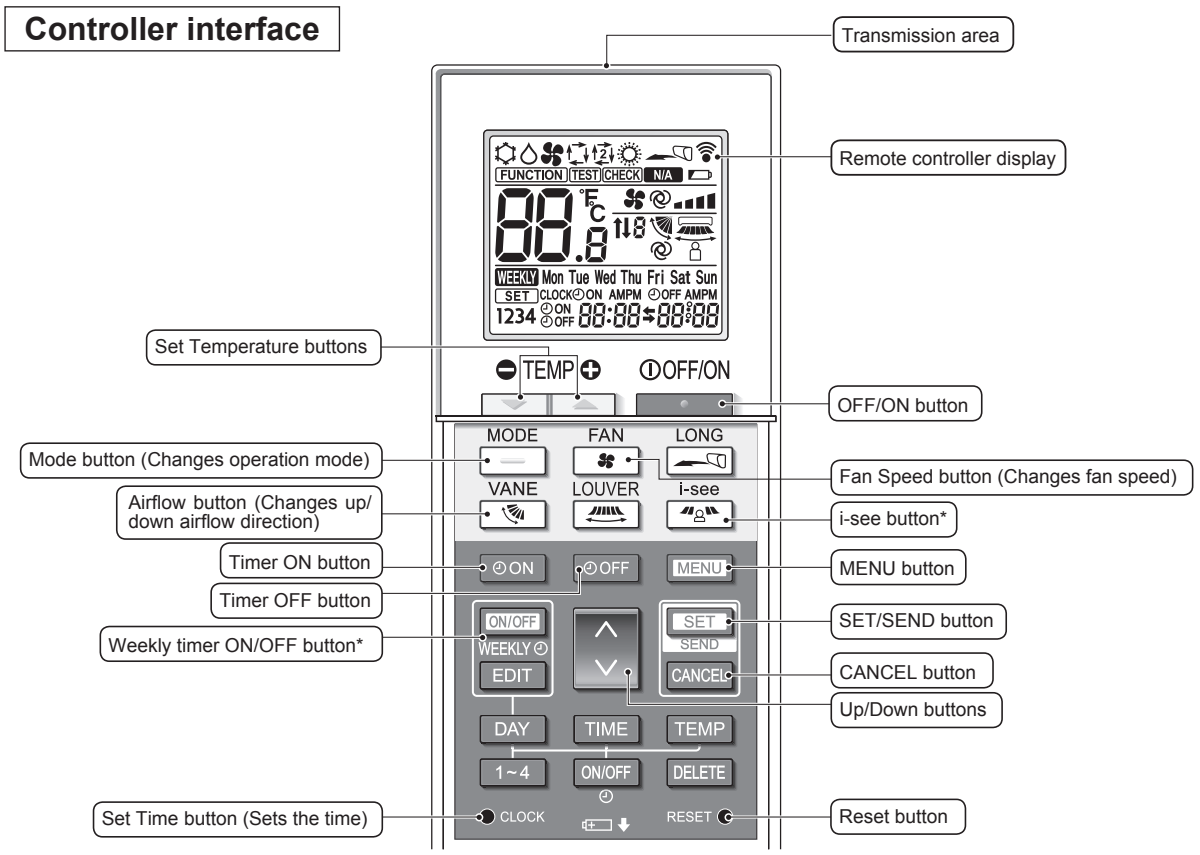


CEILING
CONCEALED

REMOTE CONTROLLER

[PAR-SL101A-E]

When cover is open



Note:
* This button is enabled or disabled depending on the model of the indoor unit.

Display

Operation mode

	Cool		Dry
	Fan		Auto (single set point)
	Heat		Auto* (dual set point)

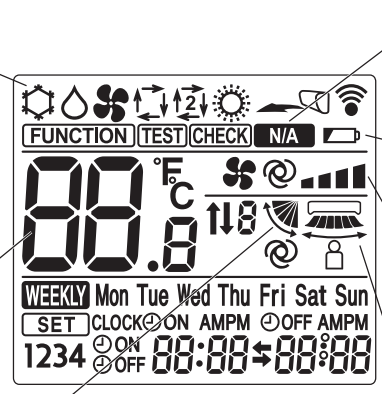
* Refer to 5.4. in the installation manual.

Temperature setting

The units of temperature can be changed. For details, refer to the Installation Manual.

Vane setting

Step 1 Step 2 Step 3 Step 4 Step 5 Swing Auto



Not available
Appears when a non-supported function is selected.

Battery replacement indicator
Appears when the remaining battery power is low.

Fan speed setting The symbols differ depending on models.

Auto

3D i-see sensor (Air distribution)

Default Direct Indirect

When Direct or Indirect is selected, the vane setting is set to "Auto".

CEILING CONCEALED REMOTE CONTROLLER

B.3 FLOOR STANDING CONCEALED (SFZ)

B.3.1	SPECIFICATIONS	B-84
B.3.2	OUTLINES AND DIMENSIONS.....	B-85
	B.3.2.1 INDOOR UNIT	B-85
	B.3.2.2 WIRED REMOTE CONTROLLER [PAR-40MAA]	B-89
	B.3.2.3 WIRELESS REMOTE CONTROLLER.....	B-90
B.3.3	WIRING DIAGRAM.....	B-92
B.3.4	REFRIGERANT SYSTEM DIAGRAM	B-93
B.3.5	PERFORMANCE DATA.....	B-94
B.3.6	NOISE CRITERIA CURVES	B-105
B.3.7	INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW	B-110
B.3.8	CENTER OF GRAVITY POSITION	B-113
B.3.9	REMOTE CONTROLLER.....	B-114
	B.3.9.1 WIRELESS REMOTE CONTROLLER	B-114

B.3.1 SPECIFICATIONS

Model Name	Indoor Unit		SFZ-M25VA	SFZ-M35VA	SFZ-M50VA	SFZ-M60VA	SFZ-M71VA		
	Outdoor Unit		SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA		
Refrigerant			R32						
Power Supply	Source		Outdoor power supply						
Out	V		230	230	230	230	230		
		Phase	Single	Single	Single	Single	Single		
		Hz	50	50	50	50	50		
	In	V		220-240	220-240	220-240	220-240	220-240	
			Phase	Single	Single	Single	Single	Single	
			Hz	50	50	50	50	50	
Cooling	Capacity	Rated	kW	2.5	3.5	5.0	6.1	7.1	
		Min-Max	kW	1.5 - 3.2	0.7 - 3.9	1.1 - 5.6	1.6 - 6.3	1.9 - 8.1	
	SHF	Rated		0.84	0.78	0.76	0.75	0.74	
	Total Input	Rated	kW	0.641	1.000	1.470	1.848	2.151	
	EER			3.90	3.50	3.40	3.30	3.30	
	Annual Electricity Consumption		kWh/a	143	199	284	346	403	
	SEER			6.1	6.1	6.1	6.1	6.1	
		Energy efficiency class		A++	A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	3.2	4.1	6.0	7.0	8.0
			Min-Max	kW	1.2 - 4.2	1.0 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2
Total Input		Rated	kW	0.886	1.051	1.617	1.886	2.156	
COP				3.61	3.90	3.71	3.71	3.71	
Annual Electricity Consumption			kWh/a	766	887	1467	1532	1997	
SCOP				4.0	4.1	4.1	4.2	4.0	
		Energy efficiency class		A+	A+	A+	A+	A+	
Operating Current(max)			A	7.4	9.1	14.3	15.6	15.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.041	0.044	0.072	0.078	0.095
		Operating Current(max)		A	0.44	0.44	0.61	0.64	0.76
	Dimensions	H × W × D	mm	615(690)-797(700)-200	615(690)-997(700)-200	615(690)-1197(700)-200			
	Weight		kg	19	22.5	22.5	26	26	
	Air Volume	Lo-Mid-Hi	m³/min.	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20	
	External Static Pressure		Pa	0-25-40-60					
	Sound Level (Lo-Mid-Hi)	0Pa	dB(A)		27 - 32 - 39	26 - 30 - 35	33 - 39 - 43	32 - 38 - 43	32 - 40 - 47
					25 - 29 - 35	25 - 29 - 33	30 - 35 - 39	30 - 35 - 39	30 - 36 - 42
					26 - 31 - 37	26 - 30 - 35	31 - 36 - 40	31 - 36 - 41	31 - 37 - 43
					27 - 32 - 38	27 - 32 - 36	32 - 37 - 41	32 - 37 - 42	32 - 38 - 44
Outdoor Unit	Dimensions	H × W × D	mm	550-800-285	550-800-285	714-800-285	880-840-330	880-840-330	
	Weight		kg	30	35	41	54	55	
	Air Volume	Cooling	Rated	m³/min.	36.3	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	34.6	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	45	48	48	49	49
		Heating	Rated	dB(A)	46	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	59	64	65	66
	Operating Current(max)			A	6.8	8.5	13.5	14.8	14.8
	Breaker Size			A	10	16	20	20	20
	Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	6.35	9.52
Gas			mm	9.52	9.52	12.7	15.88	15.88	
Max. Length		Out-In	m	20	20	30	30	30	
Max. Height		Out-In	m	12	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR STANDING SPECIFICATIONS

B.3.2 OUTLINES AND DIMENSIONS

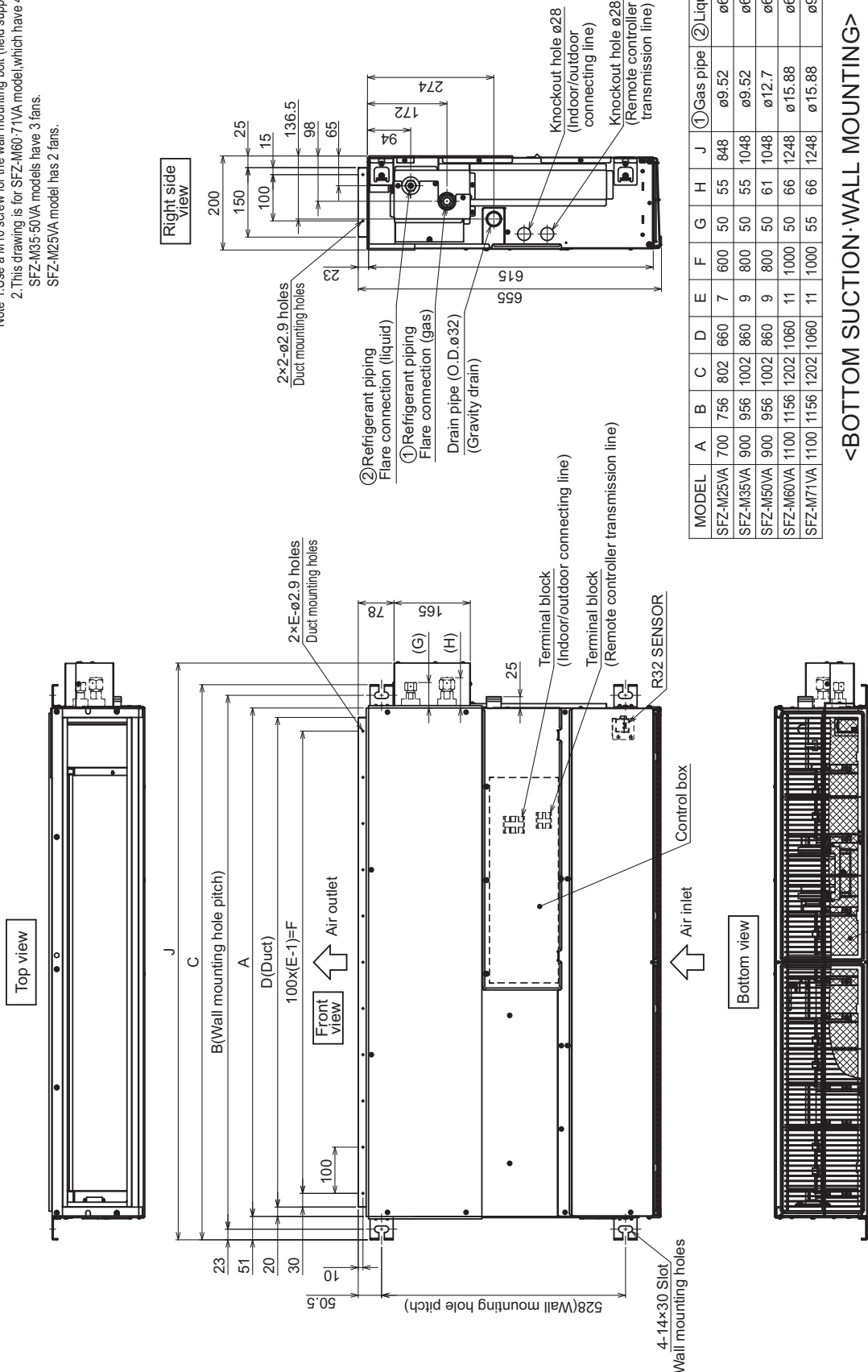
B.3.2.1 INDOOR UNIT

SFZ-M25VA
SFZ-M35VA
SFZ-M50VA

SFZ-M60VA
SFZ-M71VA

Unit : mm

Note 1. Use a M10 screw for the wall mounting bolt (field supply).
2. This drawing is for SFZ-M60/71VA model, which have 4 fans.
SFZ-M35/50VA models have 3 fans.
SFZ-M25VA model has 2 fans.

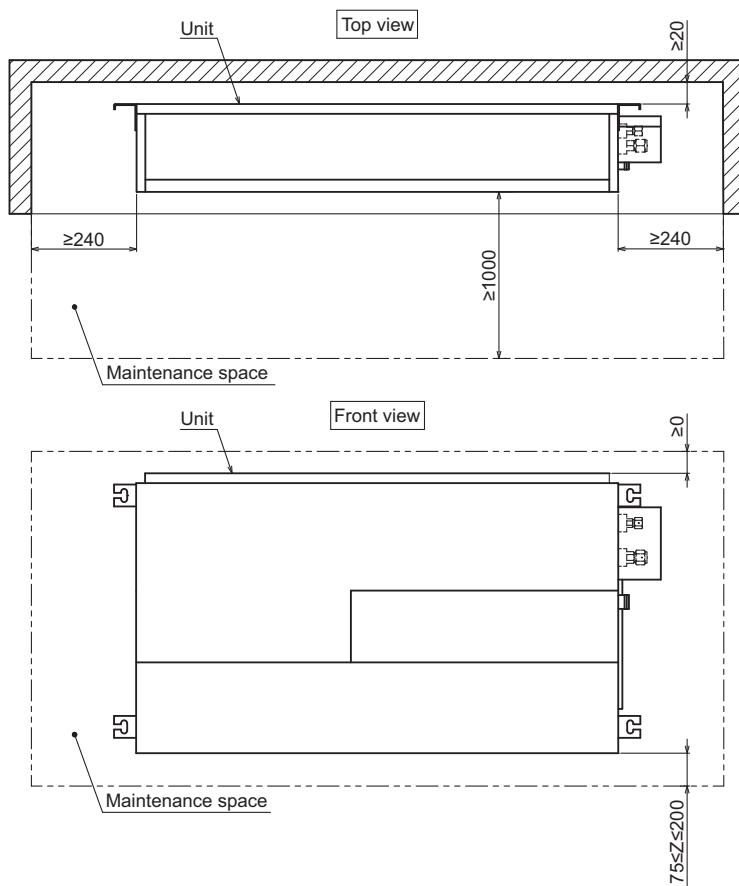


MODEL	A	B	C	D	E	F	G	H	J	① Gas pipe	② Liquid pipe
SFZ-M25VA	700	756	802	860	7	600	50	55	848	ø9.52	ø6.35
SFZ-M35VA	900	956	1002	860	9	800	50	55	1048	ø9.52	ø6.35
SFZ-M50VA	900	956	1002	860	9	800	50	61	1048	ø12.7	ø6.35
SFZ-M60VA	1100	1156	1202	1060	11	1000	50	66	1248	ø15.88	ø6.35
SFZ-M71VA	1100	1156	1202	1060	11	1000	55	66	1248	ø15.88	ø9.52

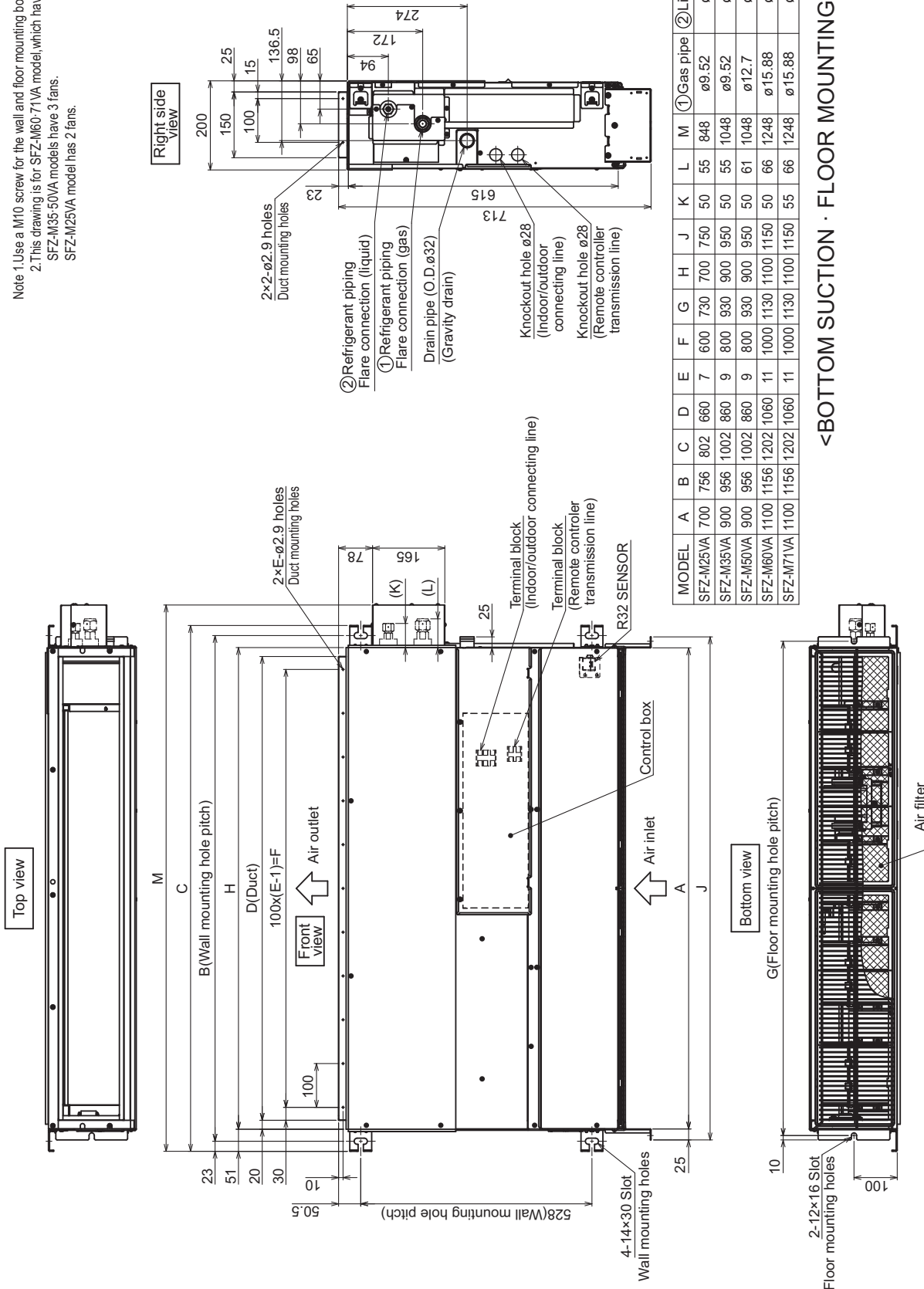
<BOTTOM SUCTION·WALL MOUNTING>

Unit : mm

SFZ-M25,35,50,60,71VA(-ET).TH Bottom suction-wall mounting
(Maintenance access space)
Secure enough access space to allow for the maintenance, inspection,
and replacement of the motor, fan, heat exchanger, drain pan and control box.



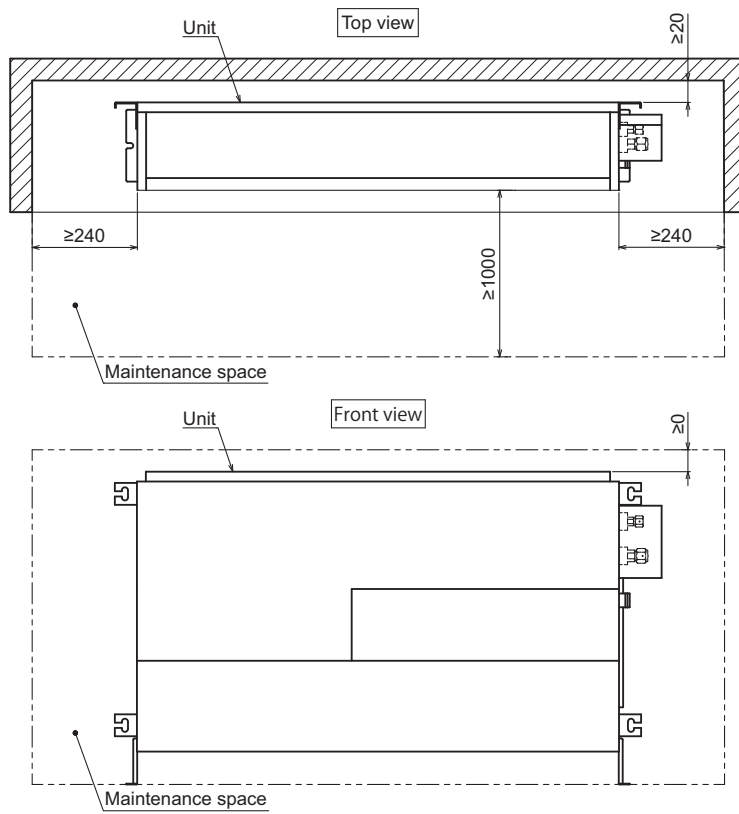
Note 1. Use a M10 screw for the wall and floor mounting bolt. (field supply).
 2. This drawing is for SFZ-M60.71VA model, which have 4 fans.
 SFZ-M35-50VA models have 3 fans.
 SFZ-M25VA model has 2 fans.



MODEL	A	B	C	D	E	F	G	H	J	K	L	M	① Gas pipe	② Liquid pipe
SFZ-M25VA	700	756	802	660	7	600	730	700	750	50	55	848	ø9.52	ø6.35
SFZ-M35VA	900	956	1002	860	9	800	930	900	950	50	55	1048	ø9.52	ø6.35
SFZ-M50VA	900	956	1002	860	9	800	930	900	950	50	61	1048	ø12.7	ø6.35
SFZ-M60VA	1100	1156	1202	1060	11	1000	1130	1100	1150	50	66	1248	ø15.88	ø6.35
SFZ-M71VA	1100	1156	1202	1060	11	1000	1130	1100	1150	55	66	1248	ø15.88	ø9.52

<BOTTOM SUCTION · FLOOR MOUNTING>

SFZ-M25,35,50,60,71VA(-ET).TH Bottom suction-wall mounting
 [Maintenance access space]
 Secure enough access space to allow for the maintenance, inspection,
 and replacement of the motor, fan, heat exchanger, drain pan and control box.

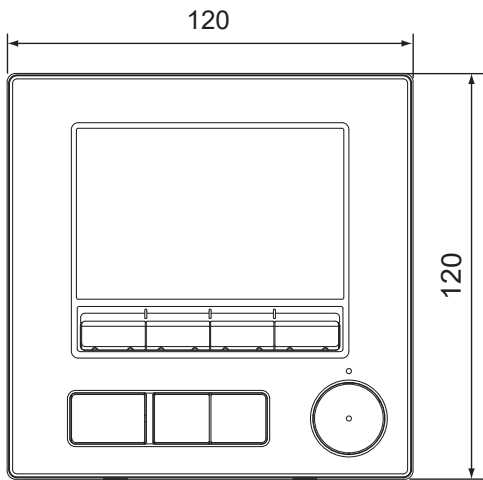


B.3.2.2 WIRED REMOTE CONTROLLER (Optional parts)

Unit : mm

- SFZ-M25VA
- SFZ-M35VA
- SFZ-M50VA
- SFZ-M60VA
- SFZ-M71VA

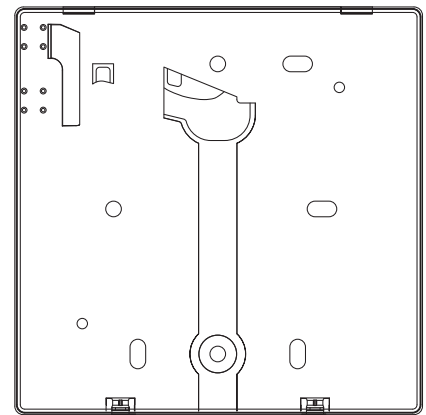
[PAR-41MAA]



(Front view)



(Side view)



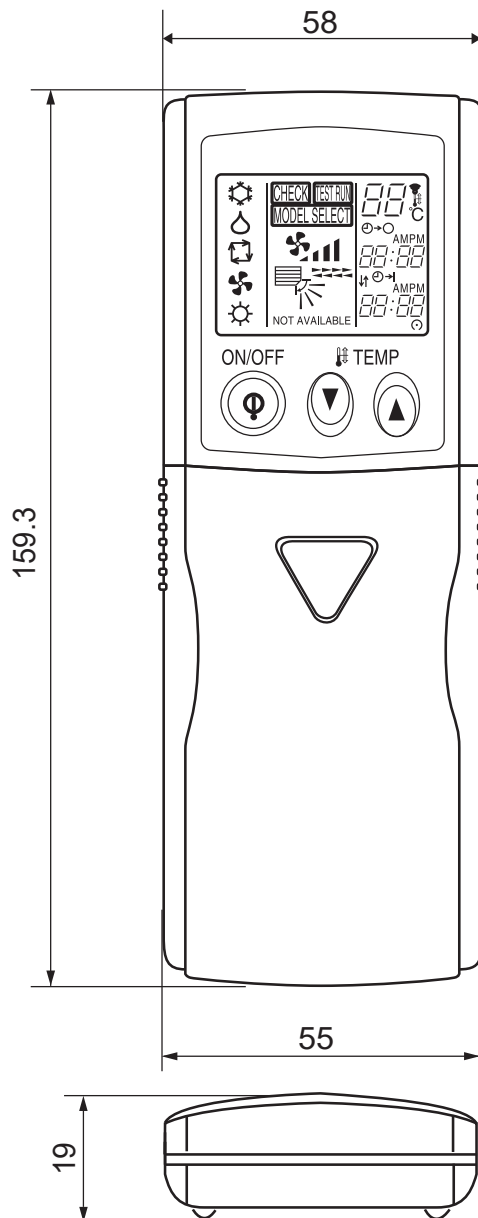
(Rear view)

B.3.2.3 WIRELESS REMOTE CONTROLLER (Optional parts)

Unit : mm

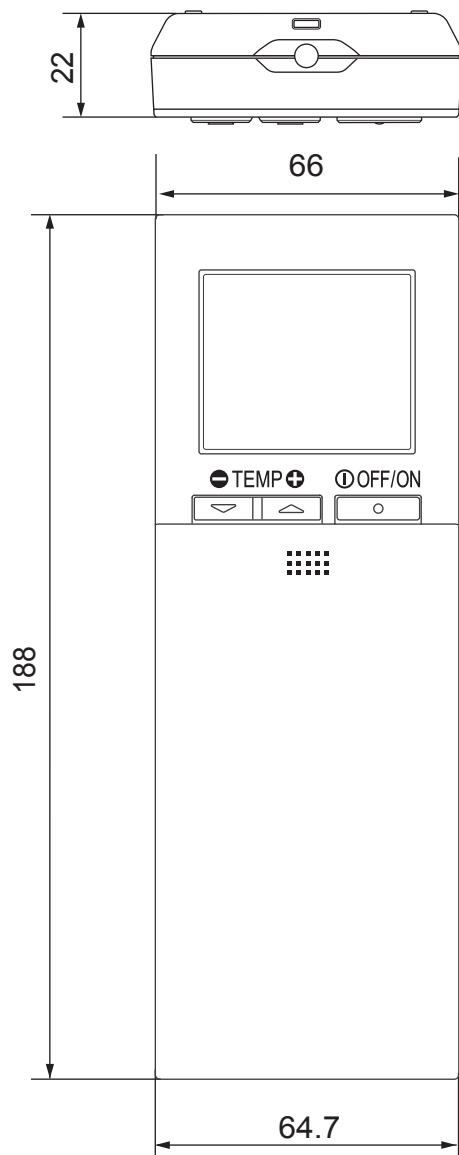
- SFZ-M25VA
- SFZ-M35VA
- SFZ-M50VA
- SFZ-M60VA
- SFZ-M71VA

[PAR-SL97A-E]



※ Optional parts

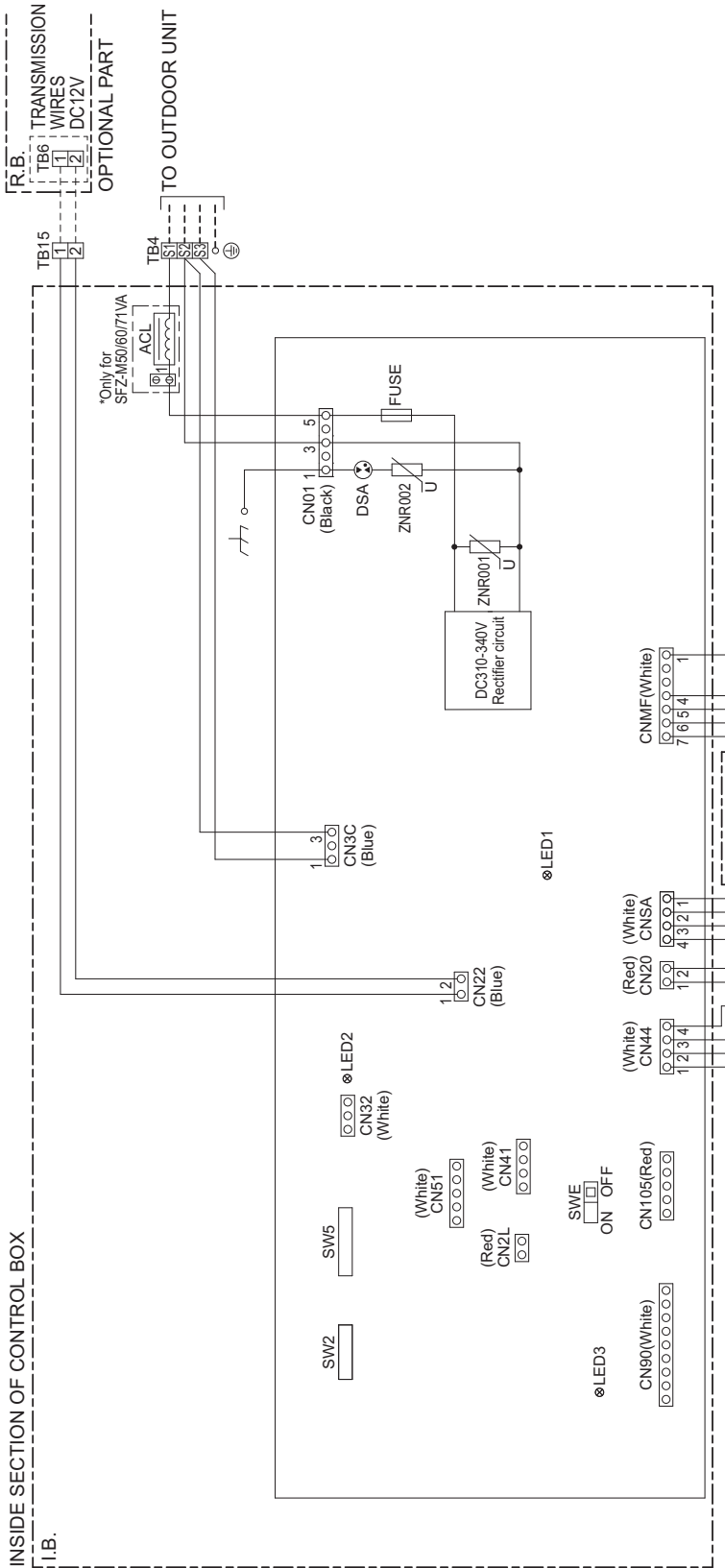
[PAR-SL101A-E]



※ Optional parts

B.3.3 WIRING DIAGRAM

- SFZ-M25VA
- SFZ-M35VA
- SFZ-M50VA
- SFZ-M60VA
- SFZ-M71VA



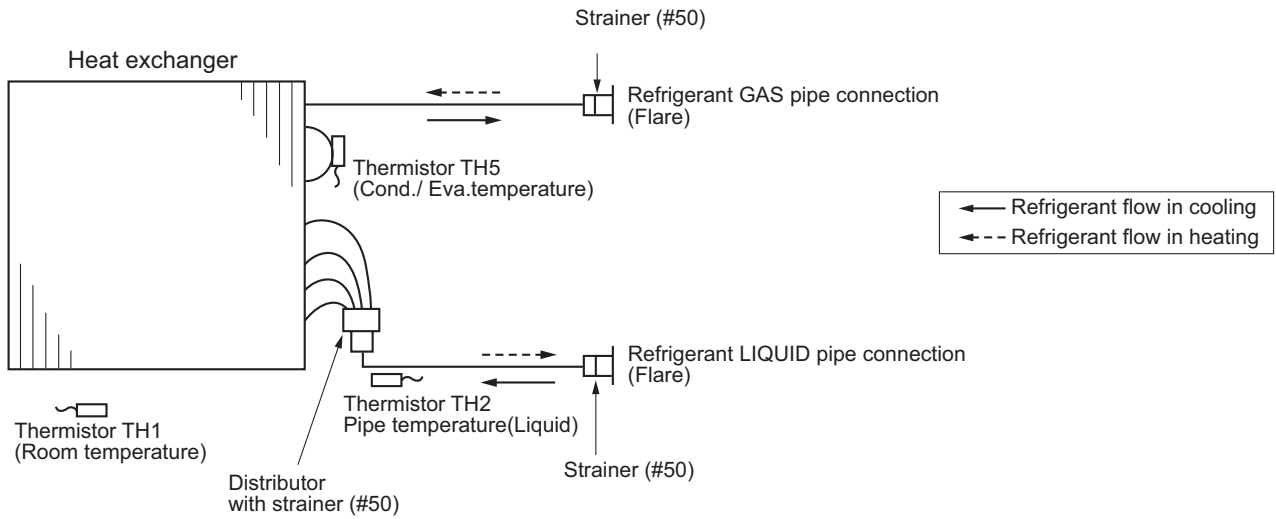
NOTE)1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers(S1, S2, S3).
 3. Symbols used in wiring diagram are
 ○ ○ ○ ○ : Connector, □ : Terminal, ⊕ : Relay connector
 (Heavy dotted line): Field wiring,
 (Thin dotted line): Optional parts.

SYMBOL	EXPLANATION	SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor(Power factor improvement)	I.B.	Indoor controller board	I.B.	Indoor controller board
MF	Fan Motor	DSA	Arrester	SW2	Switch (for capacity code)
TB4	Terminal block (Indoor/Outdoor connecting line)	FUSE	Fuse AC250V 6.3A	SW5	Switch (for system selection)
TB15	Terminal block (Remote controller transmission line)	ZNR01,02	Varistor	SWE	Connector (emergency operation)
TH1	Intake air temp. thermistor	CN2L	Connector (Lossnay)		
TH2	Pipe temp. thermistor/liquid	CN32	Connector (Remote switch)		
TH5	Cond./eva. temp. thermistor	CN41	Connector (HA terminal-A)		
		CN51	Connector (Centrally control)		
		CN90	Connector (Wireless)		
		CN105	Connector (IT terminal)		
		LED1	LED(Power supply)		
		LED2	LED(Remote controller supply)		
		LED3	LED(Transmission Indoor-Outdoor)		

FLOOR STANDING WIRING DIAGRAM

B.3.4 REFRIGERANT SYSTEM DIAGRAM

- SFZ-M25VA
- SFZ-M35VA
- SFZ-M50VA
- SFZ-M60VA
- SFZ-M71VA



B.3.5 PERFORMANCE DATA

COOLING operation at Rated frequency
SFZ-M25VA / SUZ-M25VA

CAPACITY :2.500kW INPUT :0.641kW SHF :0.84

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.939	0.66	0.513	2.813	1.857	0.66	0.538	2.700	1.782	0.66	0.564	2.600	1.716	0.66	0.590
21	20	3.063	1.654	0.54	0.538	2.938	1.587	0.54	0.570	2.850	1.539	0.54	0.583	2.750	1.485	0.54	0.609
22	18	2.938	2.057	0.70	0.513	2.813	1.969	0.70	0.538	2.700	1.890	0.70	0.564	2.600	1.820	0.70	0.590
22	20	3.063	1.777	0.58	0.538	2.938	1.704	0.58	0.570	2.850	1.653	0.58	0.583	2.750	1.595	0.58	0.609
22	22	3.188	1.466	0.46	0.558	3.075	1.415	0.46	0.593	3.000	1.380	0.46	0.609	2.875	1.323	0.46	0.635
23	18	2.938	2.174	0.74	0.513	2.813	2.082	0.74	0.538	2.700	1.998	0.74	0.564	2.600	1.924	0.74	0.590
23	20	3.063	1.899	0.62	0.538	2.938	1.822	0.62	0.570	2.850	1.767	0.62	0.583	2.750	1.705	0.62	0.609
23	22	3.188	1.594	0.50	0.558	3.075	1.538	0.50	0.593	3.000	1.500	0.50	0.609	2.875	1.438	0.50	0.635
24	18	2.938	2.292	0.78	0.513	2.813	2.194	0.78	0.538	2.700	2.106	0.78	0.564	2.600	2.028	0.78	0.590
24	20	3.063	2.022	0.66	0.538	2.938	1.939	0.66	0.570	2.850	1.881	0.66	0.583	2.750	1.815	0.66	0.609
24	22	3.188	1.722	0.54	0.558	3.075	1.661	0.54	0.593	3.000	1.620	0.54	0.609	2.875	1.553	0.54	0.635
24	24	3.350	1.407	0.42	0.583	3.225	1.355	0.42	0.615	3.150	1.323	0.42	0.635	3.050	1.281	0.42	0.667
25	20	3.063	2.144	0.70	0.538	2.938	2.057	0.70	0.570	2.850	1.995	0.70	0.583	2.750	1.925	0.70	0.609
25	22	3.188	1.849	0.58	0.558	3.075	1.784	0.58	0.593	3.000	1.740	0.58	0.609	2.875	1.668	0.58	0.635
25	24	3.350	1.541	0.46	0.583	3.225	1.484	0.46	0.615	3.150	1.449	0.46	0.635	3.050	1.403	0.46	0.667
26	18	2.938	2.527	0.86	0.513	2.813	2.419	0.86	0.538	2.700	2.322	0.86	0.564	2.600	2.236	0.86	0.590
26	20	3.063	2.267	0.74	0.538	2.938	2.174	0.74	0.570	2.850	2.109	0.74	0.583	2.750	2.035	0.74	0.609
26	22	3.188	1.977	0.62	0.558	3.075	1.907	0.62	0.593	3.000	1.860	0.62	0.609	2.875	1.783	0.62	0.635
26	24	3.350	1.675	0.50	0.583	3.225	1.613	0.50	0.615	3.150	1.575	0.50	0.635	3.050	1.525	0.50	0.667
26	26	3.450	1.311	0.38	0.615	3.350	1.273	0.38	0.647	3.300	1.254	0.38	0.667	3.200	1.216	0.38	0.686
27	18	2.938	2.644	0.90	0.513	2.813	2.532	0.90	0.538	2.700	2.430	0.90	0.564	2.600	2.340	0.90	0.590
27	20	3.063	2.389	0.78	0.538	2.938	2.292	0.78	0.570	2.850	2.223	0.78	0.583	2.750	2.145	0.78	0.609
27	22	3.188	2.104	0.66	0.558	3.075	2.030	0.66	0.593	3.000	1.980	0.66	0.609	2.875	1.898	0.66	0.635
27	24	3.350	1.809	0.54	0.583	3.225	1.742	0.54	0.615	3.150	1.701	0.54	0.635	3.050	1.647	0.54	0.667
27	26	3.450	1.449	0.42	0.615	3.350	1.407	0.42	0.647	3.300	1.386	0.42	0.667	3.200	1.344	0.42	0.686
28	18	2.938	2.762	0.94	0.513	2.813	2.644	0.94	0.538	2.700	2.538	0.94	0.564	2.600	2.444	0.94	0.590
28	20	3.063	2.512	0.82	0.538	2.938	2.409	0.82	0.570	2.850	2.337	0.82	0.583	2.750	2.255	0.82	0.609
28	22	3.188	2.232	0.70	0.558	3.075	2.153	0.70	0.593	3.000	2.100	0.70	0.609	2.875	2.013	0.70	0.635
28	24	3.350	1.943	0.58	0.583	3.225	1.871	0.58	0.615	3.150	1.827	0.58	0.635	3.050	1.769	0.58	0.667
28	26	3.450	1.587	0.46	0.615	3.350	1.541	0.46	0.647	3.300	1.518	0.46	0.667	3.200	1.472	0.46	0.686
29	18	2.938	2.879	0.98	0.513	2.813	2.757	0.98	0.538	2.700	2.646	0.98	0.564	2.600	2.548	0.98	0.590
29	20	3.063	2.634	0.86	0.538	2.938	2.527	0.86	0.570	2.850	2.451	0.86	0.583	2.750	2.365	0.86	0.609
29	22	3.188	2.359	0.74	0.558	3.075	2.276	0.74	0.593	3.000	2.220	0.74	0.609	2.875	2.128	0.74	0.635
29	24	3.350	2.077	0.62	0.583	3.225	2.000	0.62	0.615	3.150	1.953	0.62	0.635	3.050	1.891	0.62	0.667
29	26	3.450	1.725	0.50	0.615	3.350	1.675	0.50	0.647	3.300	1.650	0.50	0.667	3.200	1.600	0.50	0.686
30	18	2.938	2.938	1.00	0.513	2.813	2.813	1.00	0.538	2.700	2.700	1.00	0.564	2.600	2.600	1.00	0.590
30	20	3.063	2.757	0.90	0.538	2.938	2.644	0.90	0.570	2.850	2.565	0.90	0.583	2.750	2.475	0.90	0.609
30	22	3.188	2.487	0.78	0.558	3.075	2.399	0.78	0.593	3.000	2.340	0.78	0.609	2.875	2.243	0.78	0.635
30	24	3.350	2.211	0.66	0.583	3.225	2.129	0.66	0.615	3.150	2.079	0.66	0.635	3.050	2.013	0.66	0.667
30	26	3.450	1.863	0.54	0.615	3.350	1.809	0.54	0.647	3.300	1.782	0.54	0.667	3.200	1.728	0.54	0.686
31	18	2.938	2.938	1.00	0.513	2.813	2.813	1.00	0.538	2.700	2.700	1.00	0.564	2.600	2.600	1.00	0.590
31	20	3.063	2.879	0.94	0.538	2.938	2.762	0.94	0.570	2.850	2.679	0.94	0.583	2.750	2.585	0.94	0.609
31	22	3.188	2.614	0.82	0.558	3.075	2.522	0.82	0.593	3.000	2.460	0.82	0.609	2.875	2.358	0.82	0.635
31	24	3.350	2.345	0.70	0.583	3.225	2.258	0.70	0.615	3.150	2.205	0.70	0.635	3.050	2.135	0.70	0.667
31	26	3.450	2.001	0.58	0.615	3.350	1.943	0.58	0.647	3.300	1.914	0.58	0.667	3.200	1.856	0.58	0.686
32	18	2.938	2.938	1.00	0.513	2.813	2.813	1.00	0.538	2.700	2.700	1.00	0.564	2.600	2.600	1.00	0.590
32	20	3.063	3.002	0.98	0.538	2.938	2.879	0.98	0.570	2.850	2.793	0.98	0.583	2.750	2.695	0.98	0.609
32	22	3.188	2.742	0.86	0.558	3.075	2.645	0.86	0.593	3.000	2.580	0.86	0.609	2.875	2.473	0.86	0.635
32	24	3.350	2.479	0.74	0.583	3.225	2.387	0.74	0.615	3.150	2.331	0.74	0.635	3.050	2.257	0.74	0.667
32	26	3.450	2.139	0.62	0.615	3.350	2.077	0.62	0.647	3.300	2.046	0.62	0.667	3.200	1.984	0.62	0.686

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SFZ-M25VA / SUZ-M25VA

CAPACITY :2.500kW INPUT :0.641kW SHF :0.84

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.617	0.66	0.628	2.250	1.485	0.66	0.667	2.075	1.370	0.66	0.692
21	20	2.575	1.391	0.54	0.654	2.400	1.296	0.54	0.686	2.225	1.202	0.54	0.724
22	18	2.450	1.715	0.70	0.628	2.250	1.575	0.70	0.667	2.075	1.453	0.70	0.692
22	20	2.575	1.494	0.58	0.654	2.400	1.392	0.58	0.686	2.225	1.291	0.58	0.724
22	22	2.725	1.254	0.46	0.679	2.550	1.173	0.46	0.718	2.375	1.093	0.46	0.744
23	18	2.450	1.813	0.74	0.628	2.250	1.665	0.74	0.667	2.075	1.536	0.74	0.692
23	20	2.575	1.597	0.62	0.654	2.400	1.488	0.62	0.686	2.225	1.380	0.62	0.724
23	22	2.725	1.363	0.50	0.679	2.550	1.275	0.50	0.718	2.375	1.188	0.50	0.744
24	18	2.450	1.911	0.78	0.628	2.250	1.755	0.78	0.667	2.075	1.619	0.78	0.692
24	20	2.575	1.700	0.66	0.654	2.400	1.584	0.66	0.686	2.225	1.469	0.66	0.724
24	22	2.725	1.472	0.54	0.679	2.550	1.377	0.54	0.718	2.375	1.283	0.54	0.744
24	24	2.875	1.208	0.42	0.705	2.700	1.134	0.42	0.737	2.550	1.071	0.42	0.769
25	20	2.575	1.803	0.70	0.654	2.400	1.680	0.70	0.686	2.225	1.558	0.70	0.724
25	22	2.725	1.581	0.58	0.679	2.550	1.479	0.58	0.718	2.375	1.378	0.58	0.744
25	24	2.875	1.323	0.46	0.705	2.700	1.242	0.46	0.737	2.550	1.173	0.46	0.769
26	18	2.450	2.107	0.86	0.628	2.250	1.935	0.86	0.667	2.075	1.785	0.86	0.692
26	20	2.575	1.906	0.74	0.654	2.400	1.776	0.74	0.686	2.225	1.647	0.74	0.724
26	22	2.725	1.690	0.62	0.679	2.550	1.581	0.62	0.718	2.375	1.473	0.62	0.744
26	24	2.875	1.438	0.50	0.705	2.700	1.350	0.50	0.737	2.550	1.275	0.50	0.769
26	26	3.025	1.150	0.38	0.731	2.850	1.083	0.38	0.763	2.675	1.017	0.38	0.795
27	18	2.450	2.205	0.90	0.628	2.250	2.025	0.90	0.667	2.075	1.868	0.90	0.692
27	20	2.575	2.009	0.78	0.654	2.400	1.872	0.78	0.686	2.225	1.736	0.78	0.724
27	22	2.725	1.799	0.66	0.679	2.550	1.683	0.66	0.718	2.375	1.568	0.66	0.744
27	24	2.875	1.553	0.54	0.705	2.700	1.458	0.54	0.737	2.550	1.377	0.54	0.769
27	26	3.025	1.271	0.42	0.731	2.850	1.197	0.42	0.763	2.675	1.124	0.42	0.795
28	18	2.450	2.303	0.94	0.628	2.250	2.115	0.94	0.667	2.075	1.951	0.94	0.692
28	20	2.575	2.112	0.82	0.654	2.400	1.968	0.82	0.686	2.225	1.825	0.82	0.724
28	22	2.725	1.908	0.70	0.679	2.550	1.785	0.70	0.718	2.375	1.663	0.70	0.744
28	24	2.875	1.668	0.58	0.705	2.700	1.566	0.58	0.737	2.550	1.479	0.58	0.769
28	26	3.025	1.392	0.46	0.731	2.850	1.311	0.46	0.763	2.675	1.231	0.46	0.795
29	18	2.450	2.401	0.98	0.628	2.250	2.205	0.98	0.667	2.075	2.034	0.98	0.692
29	20	2.575	2.215	0.86	0.654	2.400	2.064	0.86	0.686	2.225	1.914	0.86	0.724
29	22	2.725	2.017	0.74	0.679	2.550	1.887	0.74	0.718	2.375	1.758	0.74	0.744
29	24	2.875	1.783	0.62	0.705	2.700	1.674	0.62	0.737	2.550	1.581	0.62	0.769
29	26	3.025	1.513	0.50	0.731	2.850	1.425	0.50	0.763	2.675	1.338	0.50	0.795
30	18	2.450	2.450	1.00	0.628	2.250	2.250	1.00	0.667	2.075	2.075	1.00	0.692
30	20	2.575	2.318	0.90	0.654	2.400	2.160	0.90	0.686	2.225	2.003	0.90	0.724
30	22	2.725	2.126	0.78	0.679	2.550	1.989	0.78	0.718	2.375	1.853	0.78	0.744
30	24	2.875	1.898	0.66	0.705	2.700	1.782	0.66	0.737	2.550	1.683	0.66	0.769
30	26	3.025	1.634	0.54	0.731	2.850	1.539	0.54	0.763	2.675	1.445	0.54	0.795
31	18	2.450	2.450	1.00	0.628	2.250	2.250	1.00	0.667	2.075	2.075	1.00	0.692
31	20	2.575	2.421	0.94	0.654	2.400	2.256	0.94	0.686	2.225	2.092	0.94	0.724
31	22	2.725	2.235	0.82	0.679	2.550	2.091	0.82	0.718	2.375	1.948	0.82	0.744
31	24	2.875	2.013	0.70	0.705	2.700	1.890	0.70	0.737	2.550	1.785	0.70	0.769
31	26	3.025	1.755	0.58	0.731	2.850	1.653	0.58	0.763	2.675	1.552	0.58	0.795
32	18	2.450	2.450	1.00	0.628	2.250	2.250	1.00	0.667	2.075	2.075	1.00	0.692
32	20	2.575	2.524	0.98	0.654	2.400	2.352	0.98	0.686	2.225	2.181	0.98	0.724
32	22	2.725	2.344	0.86	0.679	2.550	2.193	0.86	0.718	2.375	2.043	0.86	0.744
32	24	2.875	2.128	0.74	0.705	2.700	1.998	0.74	0.737	2.550	1.887	0.74	0.769
32	26	3.025	1.876	0.62	0.731	2.850	1.767	0.62	0.763	2.675	1.659	0.62	0.795

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SFZ-M35VA / SUZ-M35VA

CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

INDOOR		OUTDOOR DB(°C)															
DB(°C)	WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.468	0.60	0.800	3.938	2.363	0.60	0.840	3.780	2.268	0.60	0.880	3.640	2.184	0.60	0.920
21	20	4.288	2.058	0.48	0.840	4.113	1.974	0.48	0.890	3.990	1.915	0.48	0.910	3.850	1.848	0.48	0.950
22	18	4.113	2.632	0.64	0.800	3.938	2.520	0.64	0.840	3.780	2.419	0.64	0.880	3.640	2.330	0.64	0.920
22	20	4.288	2.230	0.52	0.840	4.113	2.139	0.52	0.890	3.990	2.075	0.52	0.910	3.850	2.002	0.52	0.950
22	22	4.463	1.785	0.40	0.870	4.305	1.722	0.40	0.925	4.200	1.680	0.40	0.950	4.025	1.610	0.40	0.990
23	18	4.113	2.797	0.68	0.800	3.938	2.678	0.68	0.840	3.780	2.570	0.68	0.880	3.640	2.475	0.68	0.920
23	20	4.288	2.401	0.56	0.840	4.113	2.303	0.56	0.890	3.990	2.234	0.56	0.910	3.850	2.156	0.56	0.950
23	22	4.463	1.964	0.44	0.870	4.305	1.894	0.44	0.925	4.200	1.848	0.44	0.950	4.025	1.771	0.44	0.990
24	18	4.113	2.961	0.72	0.800	3.938	2.835	0.72	0.840	3.780	2.722	0.72	0.880	3.640	2.621	0.72	0.920
24	20	4.288	2.573	0.60	0.840	4.113	2.468	0.60	0.890	3.990	2.394	0.60	0.910	3.850	2.310	0.60	0.950
24	22	4.463	2.142	0.48	0.870	4.305	2.066	0.48	0.925	4.200	2.016	0.48	0.950	4.025	1.932	0.48	0.990
24	24	4.690	1.688	0.36	0.910	4.515	1.625	0.36	0.960	4.410	1.588	0.36	0.990	4.270	1.537	0.36	1.040
25	20	4.288	2.744	0.64	0.840	4.113	2.632	0.64	0.890	3.990	2.554	0.64	0.910	3.850	2.464	0.64	0.950
25	22	4.463	2.321	0.52	0.870	4.305	2.239	0.52	0.925	4.200	2.184	0.52	0.950	4.025	2.093	0.52	0.990
25	24	4.690	1.876	0.40	0.910	4.515	1.806	0.40	0.960	4.410	1.764	0.40	0.990	4.270	1.708	0.40	1.040
26	18	4.113	3.290	0.80	0.800	3.938	3.150	0.80	0.840	3.780	3.024	0.80	0.880	3.640	2.912	0.80	0.920
26	20	4.288	2.916	0.68	0.840	4.113	2.797	0.68	0.890	3.990	2.713	0.68	0.910	3.850	2.618	0.68	0.950
26	22	4.463	2.499	0.56	0.870	4.305	2.411	0.56	0.925	4.200	2.352	0.56	0.950	4.025	2.254	0.56	0.990
26	24	4.690	2.064	0.44	0.910	4.515	1.987	0.44	0.960	4.410	1.940	0.44	0.990	4.270	1.879	0.44	1.040
26	26	4.830	1.546	0.32	0.960	4.690	1.501	0.32	1.010	4.620	1.478	0.32	1.040	4.480	1.434	0.32	1.070
27	18	4.113	3.455	0.84	0.800	3.938	3.308	0.84	0.840	3.780	3.175	0.84	0.880	3.640	3.058	0.84	0.920
27	20	4.288	3.087	0.72	0.840	4.113	2.961	0.72	0.890	3.990	2.873	0.72	0.910	3.850	2.772	0.72	0.950
27	22	4.463	2.678	0.60	0.870	4.305	2.583	0.60	0.925	4.200	2.520	0.60	0.950	4.025	2.415	0.60	0.990
27	24	4.690	2.251	0.48	0.910	4.515	2.167	0.48	0.960	4.410	2.117	0.48	0.990	4.270	2.050	0.48	1.040
27	26	4.830	1.739	0.36	0.960	4.690	1.688	0.36	1.010	4.620	1.663	0.36	1.040	4.480	1.613	0.36	1.070
28	18	4.113	3.619	0.88	0.800	3.938	3.465	0.88	0.840	3.780	3.326	0.88	0.880	3.640	3.203	0.88	0.920
28	20	4.288	3.259	0.76	0.840	4.113	3.126	0.76	0.890	3.990	3.032	0.76	0.910	3.850	2.926	0.76	0.950
28	22	4.463	2.856	0.64	0.870	4.305	2.755	0.64	0.925	4.200	2.688	0.64	0.950	4.025	2.576	0.64	0.990
28	24	4.690	2.439	0.52	0.910	4.515	2.348	0.52	0.960	4.410	2.293	0.52	0.990	4.270	2.220	0.52	1.040
28	26	4.830	1.932	0.40	0.960	4.690	1.876	0.40	1.010	4.620	1.848	0.40	1.040	4.480	1.792	0.40	1.070
29	18	4.113	3.784	0.92	0.800	3.938	3.623	0.92	0.840	3.780	3.478	0.92	0.880	3.640	3.349	0.92	0.920
29	20	4.288	3.430	0.80	0.840	4.113	3.290	0.80	0.890	3.990	3.192	0.80	0.910	3.850	3.080	0.80	0.950
29	22	4.463	3.035	0.68	0.870	4.305	2.927	0.68	0.925	4.200	2.856	0.68	0.950	4.025	2.737	0.68	0.990
29	24	4.690	2.626	0.56	0.910	4.515	2.528	0.56	0.960	4.410	2.470	0.56	0.990	4.270	2.391	0.56	1.040
29	26	4.830	2.125	0.44	0.960	4.690	2.064	0.44	1.010	4.620	2.033	0.44	1.040	4.480	1.971	0.44	1.070
30	18	4.113	3.948	0.96	0.800	3.938	3.780	0.96	0.840	3.780	3.629	0.96	0.880	3.640	3.494	0.96	0.920
30	20	4.288	3.602	0.84	0.840	4.113	3.455	0.84	0.890	3.990	3.352	0.84	0.910	3.850	3.234	0.84	0.950
30	22	4.463	3.213	0.72	0.870	4.305	3.100	0.72	0.925	4.200	3.024	0.72	0.950	4.025	2.898	0.72	0.990
30	24	4.690	2.814	0.60	0.910	4.515	2.709	0.60	0.960	4.410	2.646	0.60	0.990	4.270	2.562	0.60	1.040
30	26	4.830	2.318	0.48	0.960	4.690	2.251	0.48	1.010	4.620	2.218	0.48	1.040	4.480	2.150	0.48	1.070
31	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
31	20	4.288	3.773	0.88	0.840	4.113	3.619	0.88	0.890	3.990	3.511	0.88	0.910	3.850	3.388	0.88	0.950
31	22	4.463	3.392	0.76	0.870	4.305	3.272	0.76	0.925	4.200	3.192	0.76	0.950	4.025	3.059	0.76	0.990
31	24	4.690	3.002	0.64	0.910	4.515	2.890	0.64	0.960	4.410	2.822	0.64	0.990	4.270	2.733	0.64	1.040
31	26	4.830	2.512	0.52	0.960	4.690	2.439	0.52	1.010	4.620	2.402	0.52	1.040	4.480	2.330	0.52	1.070
32	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
32	20	4.288	3.945	0.92	0.840	4.113	3.784	0.92	0.890	3.990	3.671	0.92	0.910	3.850	3.542	0.92	0.950
32	22	4.463	3.570	0.80	0.870	4.305	3.444	0.80	0.925	4.200	3.360	0.80	0.950	4.025	3.220	0.80	0.990
32	24	4.690	3.189	0.68	0.910	4.515	3.070	0.68	0.960	4.410	2.999	0.68	0.990	4.270	2.904	0.68	1.040
32	26	4.830	2.705	0.56	0.960	4.690	2.626	0.56	1.010	4.620	2.587	0.56	1.040	4.480	2.509	0.56	1.070

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SFZ-M35VA / SUZ-M35VA

CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	2.058	0.60	0.980	3.150	1.890	0.60	1.040	2.905	1.743	0.60	1.080
21	20	3.605	1.730	0.48	1.020	3.360	1.613	0.48	1.070	3.115	1.495	0.48	1.130
22	18	3.430	2.195	0.64	0.980	3.150	2.016	0.64	1.040	2.905	1.859	0.64	1.080
22	20	3.605	1.875	0.52	1.020	3.360	1.747	0.52	1.070	3.115	1.620	0.52	1.130
22	22	3.815	1.526	0.40	1.060	3.570	1.428	0.40	1.120	3.325	1.330	0.40	1.160
23	18	3.430	2.332	0.68	0.980	3.150	2.142	0.68	1.040	2.905	1.975	0.68	1.080
23	20	3.605	2.019	0.56	1.020	3.360	1.882	0.56	1.070	3.115	1.744	0.56	1.130
23	22	3.815	1.679	0.44	1.060	3.570	1.571	0.44	1.120	3.325	1.463	0.44	1.160
24	18	3.430	2.470	0.72	0.980	3.150	2.268	0.72	1.040	2.905	2.092	0.72	1.080
24	20	3.605	2.163	0.60	1.020	3.360	2.016	0.60	1.070	3.115	1.869	0.60	1.130
24	22	3.815	1.831	0.48	1.060	3.570	1.714	0.48	1.120	3.325	1.596	0.48	1.160
24	24	4.025	1.449	0.36	1.100	3.780	1.361	0.36	1.150	3.570	1.285	0.36	1.200
25	20	3.605	2.307	0.64	1.020	3.360	2.150	0.64	1.070	3.115	1.994	0.64	1.130
25	22	3.815	1.984	0.52	1.060	3.570	1.856	0.52	1.120	3.325	1.729	0.52	1.160
25	24	4.025	1.610	0.40	1.100	3.780	1.512	0.40	1.150	3.570	1.428	0.40	1.200
26	18	3.430	2.744	0.80	0.980	3.150	2.520	0.80	1.040	2.905	2.324	0.80	1.080
26	20	3.605	2.451	0.68	1.020	3.360	2.285	0.68	1.070	3.115	2.118	0.68	1.130
26	22	3.815	2.136	0.56	1.060	3.570	1.999	0.56	1.120	3.325	1.862	0.56	1.160
26	24	4.025	1.771	0.44	1.100	3.780	1.663	0.44	1.150	3.570	1.571	0.44	1.200
26	26	4.235	1.355	0.32	1.140	3.990	1.277	0.32	1.190	3.745	1.198	0.32	1.240
27	18	3.430	2.881	0.84	0.980	3.150	2.646	0.84	1.040	2.905	2.440	0.84	1.080
27	20	3.605	2.596	0.72	1.020	3.360	2.419	0.72	1.070	3.115	2.243	0.72	1.130
27	22	3.815	2.289	0.60	1.060	3.570	2.142	0.60	1.120	3.325	1.995	0.60	1.160
27	24	4.025	1.932	0.48	1.100	3.780	1.814	0.48	1.150	3.570	1.714	0.48	1.200
27	26	4.235	1.525	0.36	1.140	3.990	1.436	0.36	1.190	3.745	1.348	0.36	1.240
28	18	3.430	3.018	0.88	0.980	3.150	2.772	0.88	1.040	2.905	2.556	0.88	1.080
28	20	3.605	2.740	0.76	1.020	3.360	2.554	0.76	1.070	3.115	2.367	0.76	1.130
28	22	3.815	2.442	0.64	1.060	3.570	2.285	0.64	1.120	3.325	2.128	0.64	1.160
28	24	4.025	2.093	0.52	1.100	3.780	1.966	0.52	1.150	3.570	1.856	0.52	1.200
28	26	4.235	1.694	0.40	1.140	3.990	1.596	0.40	1.190	3.745	1.498	0.40	1.240
29	18	3.430	3.156	0.92	0.980	3.150	2.898	0.92	1.040	2.905	2.673	0.92	1.080
29	20	3.605	2.884	0.80	1.020	3.360	2.688	0.80	1.070	3.115	2.492	0.80	1.130
29	22	3.815	2.594	0.68	1.060	3.570	2.428	0.68	1.120	3.325	2.261	0.68	1.160
29	24	4.025	2.254	0.56	1.100	3.780	2.117	0.56	1.150	3.570	1.999	0.56	1.200
29	26	4.235	1.863	0.44	1.140	3.990	1.756	0.44	1.190	3.745	1.648	0.44	1.240
30	18	3.430	3.293	0.96	0.980	3.150	3.024	0.96	1.040	2.905	2.789	0.96	1.080
30	20	3.605	3.028	0.84	1.020	3.360	2.822	0.84	1.070	3.115	2.617	0.84	1.130
30	22	3.815	2.747	0.72	1.060	3.570	2.570	0.72	1.120	3.325	2.394	0.72	1.160
30	24	4.025	2.415	0.60	1.100	3.780	2.268	0.60	1.150	3.570	2.142	0.60	1.200
30	26	4.235	2.033	0.48	1.140	3.990	1.915	0.48	1.190	3.745	1.798	0.48	1.240
31	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
31	20	3.605	3.172	0.88	1.020	3.360	2.957	0.88	1.070	3.115	2.741	0.88	1.130
31	22	3.815	2.899	0.76	1.060	3.570	2.713	0.76	1.120	3.325	2.527	0.76	1.160
31	24	4.025	2.576	0.64	1.100	3.780	2.419	0.64	1.150	3.570	2.285	0.64	1.200
31	26	4.235	2.202	0.52	1.140	3.990	2.075	0.52	1.190	3.745	1.947	0.52	1.240
32	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
32	20	3.605	3.317	0.92	1.020	3.360	3.091	0.92	1.070	3.115	2.866	0.92	1.130
32	22	3.815	3.052	0.80	1.060	3.570	2.856	0.80	1.120	3.325	2.660	0.80	1.160
32	24	4.025	2.737	0.68	1.100	3.780	2.570	0.68	1.150	3.570	2.428	0.68	1.200
32	26	4.235	2.372	0.56	1.140	3.990	2.234	0.56	1.190	3.745	2.097	0.56	1.240

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SFZ-M50VA / SUZ-M50VA

CAPACITY :5.000kW INPUT :1.470kW SHF :0.76

INDOOR		OUTDOOR DB(°C)															
DB(°C)	WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.408	0.58	1.176	5.625	3.263	0.58	1.235	5.400	3.132	0.58	1.294	5.200	3.016	0.58	1.352
21	20	6.125	2.818	0.46	1.235	5.875	2.703	0.46	1.308	5.700	2.622	0.46	1.338	5.500	2.530	0.46	1.397
22	18	5.875	3.643	0.62	1.176	5.625	3.488	0.62	1.235	5.400	3.348	0.62	1.294	5.200	3.224	0.62	1.352
22	20	6.125	3.063	0.50	1.235	5.875	2.938	0.50	1.308	5.700	2.850	0.50	1.338	5.500	2.750	0.50	1.397
22	22	6.375	2.423	0.38	1.279	6.150	2.337	0.38	1.360	6.000	2.280	0.38	1.397	5.750	2.185	0.38	1.455
23	18	5.875	3.878	0.66	1.176	5.625	3.713	0.66	1.235	5.400	3.564	0.66	1.294	5.200	3.432	0.66	1.352
23	20	6.125	3.308	0.54	1.235	5.875	3.173	0.54	1.308	5.700	3.078	0.54	1.338	5.500	2.970	0.54	1.397
23	22	6.375	2.678	0.42	1.279	6.150	2.583	0.42	1.360	6.000	2.520	0.42	1.397	5.750	2.415	0.42	1.455
24	18	5.875	4.113	0.70	1.176	5.625	3.938	0.70	1.235	5.400	3.780	0.70	1.294	5.200	3.640	0.70	1.352
24	20	6.125	3.553	0.58	1.235	5.875	3.408	0.58	1.308	5.700	3.306	0.58	1.338	5.500	3.190	0.58	1.397
24	22	6.375	2.933	0.46	1.279	6.150	2.829	0.46	1.360	6.000	2.760	0.46	1.397	5.750	2.645	0.46	1.455
24	24	6.700	2.278	0.34	1.338	6.450	2.193	0.34	1.411	6.300	2.142	0.34	1.455	6.100	2.074	0.34	1.529
25	20	6.125	3.798	0.62	1.235	5.875	3.643	0.62	1.308	5.700	3.534	0.62	1.338	5.500	3.410	0.62	1.397
25	22	6.375	3.188	0.50	1.279	6.150	3.075	0.50	1.360	6.000	3.000	0.50	1.397	5.750	2.875	0.50	1.455
25	24	6.700	2.546	0.38	1.338	6.450	2.451	0.38	1.411	6.300	2.394	0.38	1.455	6.100	2.318	0.38	1.529
26	18	5.875	4.583	0.78	1.176	5.625	4.388	0.78	1.235	5.400	4.212	0.78	1.294	5.200	4.056	0.78	1.352
26	20	6.125	4.043	0.66	1.235	5.875	3.878	0.66	1.308	5.700	3.762	0.66	1.338	5.500	3.630	0.66	1.397
26	22	6.375	3.443	0.54	1.279	6.150	3.321	0.54	1.360	6.000	3.240	0.54	1.397	5.750	3.105	0.54	1.455
26	24	6.700	2.814	0.42	1.338	6.450	2.709	0.42	1.411	6.300	2.646	0.42	1.455	6.100	2.562	0.42	1.529
26	26	6.900	2.070	0.30	1.411	6.700	2.010	0.30	1.485	6.600	1.980	0.30	1.529	6.400	1.920	0.30	1.573
27	18	5.875	4.818	0.82	1.176	5.625	4.613	0.82	1.235	5.400	4.428	0.82	1.294	5.200	4.264	0.82	1.352
27	20	6.125	4.288	0.70	1.235	5.875	4.113	0.70	1.308	5.700	3.990	0.70	1.338	5.500	3.850	0.70	1.397
27	22	6.375	3.698	0.58	1.279	6.150	3.567	0.58	1.360	6.000	3.480	0.58	1.397	5.750	3.335	0.58	1.455
27	24	6.700	3.082	0.46	1.338	6.450	2.967	0.46	1.411	6.300	2.898	0.46	1.455	6.100	2.806	0.46	1.529
27	26	6.900	2.346	0.34	1.411	6.700	2.278	0.34	1.485	6.600	2.244	0.34	1.529	6.400	2.176	0.34	1.573
28	18	5.875	5.053	0.86	1.176	5.625	4.838	0.86	1.235	5.400	4.644	0.86	1.294	5.200	4.472	0.86	1.352
28	20	6.125	4.533	0.74	1.235	5.875	4.348	0.74	1.308	5.700	4.218	0.74	1.338	5.500	4.070	0.74	1.397
28	22	6.375	3.953	0.62	1.279	6.150	3.813	0.62	1.360	6.000	3.720	0.62	1.397	5.750	3.565	0.62	1.455
28	24	6.700	3.350	0.50	1.338	6.450	3.225	0.50	1.411	6.300	3.150	0.50	1.455	6.100	3.050	0.50	1.529
28	26	6.900	2.622	0.38	1.411	6.700	2.546	0.38	1.485	6.600	2.508	0.38	1.529	6.400	2.432	0.38	1.573
29	18	5.875	5.288	0.90	1.176	5.625	5.063	0.90	1.235	5.400	4.860	0.90	1.294	5.200	4.680	0.90	1.352
29	20	6.125	4.778	0.78	1.235	5.875	4.583	0.78	1.308	5.700	4.446	0.78	1.338	5.500	4.290	0.78	1.397
29	22	6.375	4.208	0.66	1.279	6.150	4.059	0.66	1.360	6.000	3.960	0.66	1.397	5.750	3.795	0.66	1.455
29	24	6.700	3.618	0.54	1.338	6.450	3.483	0.54	1.411	6.300	3.402	0.54	1.455	6.100	3.294	0.54	1.529
29	26	6.900	2.898	0.42	1.411	6.700	2.814	0.42	1.485	6.600	2.772	0.42	1.529	6.400	2.688	0.42	1.573
30	18	5.875	5.523	0.94	1.176	5.625	5.288	0.94	1.235	5.400	5.076	0.94	1.294	5.200	4.888	0.94	1.352
30	20	6.125	5.023	0.82	1.235	5.875	4.818	0.82	1.308	5.700	4.674	0.82	1.338	5.500	4.510	0.82	1.397
30	22	6.375	4.463	0.70	1.279	6.150	4.305	0.70	1.360	6.000	4.200	0.70	1.397	5.750	4.025	0.70	1.455
30	24	6.700	3.886	0.58	1.338	6.450	3.741	0.58	1.411	6.300	3.654	0.58	1.455	6.100	3.538	0.58	1.529
30	26	6.900	3.174	0.46	1.411	6.700	3.082	0.46	1.485	6.600	3.036	0.46	1.529	6.400	2.944	0.46	1.573
31	18	5.875	5.758	0.98	1.176	5.625	5.513	0.98	1.235	5.400	5.292	0.98	1.294	5.200	5.096	0.98	1.352
31	20	6.125	5.268	0.86	1.235	5.875	5.053	0.86	1.308	5.700	4.902	0.86	1.338	5.500	4.730	0.86	1.397
31	22	6.375	4.718	0.74	1.279	6.150	4.551	0.74	1.360	6.000	4.440	0.74	1.397	5.750	4.255	0.74	1.455
31	24	6.700	4.154	0.62	1.338	6.450	3.999	0.62	1.411	6.300	3.906	0.62	1.455	6.100	3.782	0.62	1.529
31	26	6.900	3.450	0.50	1.411	6.700	3.350	0.50	1.485	6.600	3.300	0.50	1.529	6.400	3.200	0.50	1.573
32	18	5.875	5.875	1.00	1.176	5.625	5.625	1.00	1.235	5.400	5.400	1.00	1.294	5.200	5.200	1.00	1.352
32	20	6.125	5.513	0.90	1.235	5.875	5.288	0.90	1.308	5.700	5.130	0.90	1.338	5.500	4.950	0.90	1.397
32	22	6.375	4.973	0.78	1.279	6.150	4.797	0.78	1.360	6.000	4.680	0.78	1.397	5.750	4.485	0.78	1.455
32	24	6.700	4.422	0.66	1.338	6.450	4.257	0.66	1.411	6.300	4.158	0.66	1.455	6.100	4.026	0.66	1.529
32	26	6.900	3.726	0.54	1.411	6.700	3.618	0.54	1.485	6.600	3.564	0.54	1.529	6.400	3.456	0.54	1.573

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SFZ-M50VA / SUZ-M50VA

CAPACITY :5.000kW INPUT :1.470kW SHF :0.76

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.842	0.58	1.441	4.500	2.610	0.58	1.529	4.150	2.407	0.58	1.588
21	20	5.150	2.369	0.46	1.499	4.800	2.208	0.46	1.573	4.450	2.047	0.46	1.661
22	18	4.900	3.038	0.62	1.441	4.500	2.790	0.62	1.529	4.150	2.573	0.62	1.588
22	20	5.150	2.575	0.50	1.499	4.800	2.400	0.50	1.573	4.450	2.225	0.50	1.661
22	22	5.450	2.071	0.38	1.558	5.100	1.938	0.38	1.646	4.750	1.805	0.38	1.705
23	18	4.900	3.234	0.66	1.441	4.500	2.970	0.66	1.529	4.150	2.739	0.66	1.588
23	20	5.150	2.781	0.54	1.499	4.800	2.592	0.54	1.573	4.450	2.403	0.54	1.661
23	22	5.450	2.289	0.42	1.558	5.100	2.142	0.42	1.646	4.750	1.995	0.42	1.705
24	18	4.900	3.430	0.70	1.441	4.500	3.150	0.70	1.529	4.150	2.905	0.70	1.588
24	20	5.150	2.987	0.58	1.499	4.800	2.784	0.58	1.573	4.450	2.581	0.58	1.661
24	22	5.450	2.507	0.46	1.558	5.100	2.346	0.46	1.646	4.750	2.185	0.46	1.705
24	24	5.750	1.955	0.34	1.617	5.400	1.836	0.34	1.691	5.100	1.734	0.34	1.764
25	20	5.150	3.193	0.62	1.499	4.800	2.976	0.62	1.573	4.450	2.759	0.62	1.661
25	22	5.450	2.725	0.50	1.558	5.100	2.550	0.50	1.646	4.750	2.375	0.50	1.705
25	24	5.750	2.185	0.38	1.617	5.400	2.052	0.38	1.691	5.100	1.938	0.38	1.764
26	18	4.900	3.822	0.78	1.441	4.500	3.510	0.78	1.529	4.150	3.237	0.78	1.588
26	20	5.150	3.399	0.66	1.499	4.800	3.168	0.66	1.573	4.450	2.937	0.66	1.661
26	22	5.450	2.943	0.54	1.558	5.100	2.754	0.54	1.646	4.750	2.565	0.54	1.705
26	24	5.750	2.415	0.42	1.617	5.400	2.268	0.42	1.691	5.100	2.142	0.42	1.764
26	26	6.050	1.815	0.30	1.676	5.700	1.710	0.30	1.749	5.350	1.605	0.30	1.823
27	18	4.900	4.018	0.82	1.441	4.500	3.690	0.82	1.529	4.150	3.403	0.82	1.588
27	20	5.150	3.605	0.70	1.499	4.800	3.360	0.70	1.573	4.450	3.115	0.70	1.661
27	22	5.450	3.161	0.58	1.558	5.100	2.958	0.58	1.646	4.750	2.755	0.58	1.705
27	24	5.750	2.645	0.46	1.617	5.400	2.484	0.46	1.691	5.100	2.346	0.46	1.764
27	26	6.050	2.057	0.34	1.676	5.700	1.938	0.34	1.749	5.350	1.819	0.34	1.823
28	18	4.900	4.214	0.86	1.441	4.500	3.870	0.86	1.529	4.150	3.569	0.86	1.588
28	20	5.150	3.811	0.74	1.499	4.800	3.552	0.74	1.573	4.450	3.293	0.74	1.661
28	22	5.450	3.379	0.62	1.558	5.100	3.162	0.62	1.646	4.750	2.945	0.62	1.705
28	24	5.750	2.875	0.50	1.617	5.400	2.700	0.50	1.691	5.100	2.550	0.50	1.764
28	26	6.050	2.299	0.38	1.676	5.700	2.166	0.38	1.749	5.350	2.033	0.38	1.823
29	18	4.900	4.410	0.90	1.441	4.500	4.050	0.90	1.529	4.150	3.735	0.90	1.588
29	20	5.150	4.017	0.78	1.499	4.800	3.744	0.78	1.573	4.450	3.471	0.78	1.661
29	22	5.450	3.597	0.66	1.558	5.100	3.366	0.66	1.646	4.750	3.135	0.66	1.705
29	24	5.750	3.105	0.54	1.617	5.400	2.916	0.54	1.691	5.100	2.754	0.54	1.764
29	26	6.050	2.541	0.42	1.676	5.700	2.394	0.42	1.749	5.350	2.247	0.42	1.823
30	18	4.900	4.606	0.94	1.441	4.500	4.230	0.94	1.529	4.150	3.901	0.94	1.588
30	20	5.150	4.223	0.82	1.499	4.800	3.936	0.82	1.573	4.450	3.649	0.82	1.661
30	22	5.450	3.815	0.70	1.558	5.100	3.570	0.70	1.646	4.750	3.325	0.70	1.705
30	24	5.750	3.335	0.58	1.617	5.400	3.132	0.58	1.691	5.100	2.958	0.58	1.764
30	26	6.050	2.783	0.46	1.676	5.700	2.622	0.46	1.749	5.350	2.461	0.46	1.823
31	18	4.900	4.802	0.98	1.441	4.500	4.410	0.98	1.529	4.150	4.067	0.98	1.588
31	20	5.150	4.429	0.86	1.499	4.800	4.128	0.86	1.573	4.450	3.827	0.86	1.661
31	22	5.450	4.033	0.74	1.558	5.100	3.774	0.74	1.646	4.750	3.515	0.74	1.705
31	24	5.750	3.565	0.62	1.617	5.400	3.348	0.62	1.691	5.100	3.162	0.62	1.764
31	26	6.050	3.025	0.50	1.676	5.700	2.850	0.50	1.749	5.350	2.675	0.50	1.823
32	18	4.900	4.900	1.00	1.441	4.500	4.500	1.00	1.529	4.150	4.150	1.00	1.588
32	20	5.150	4.635	0.90	1.499	4.800	4.320	0.90	1.573	4.450	4.005	0.90	1.661
32	22	5.450	4.251	0.78	1.558	5.100	3.978	0.78	1.646	4.750	3.705	0.78	1.705
32	24	5.750	3.795	0.66	1.617	5.400	3.564	0.66	1.691	5.100	3.366	0.66	1.764
32	26	6.050	3.267	0.54	1.676	5.700	3.078	0.54	1.749	5.350	2.889	0.54	1.823

Note:

 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SFZ-M60VA / SUZ-M60VA
 CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

INDOOR		OUTDOOR DB(°C)															
DB(°C)	WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.086	0.57	1.478	6.863	3.912	0.57	1.552	6.588	3.755	0.57	1.626	6.344	3.616	0.57	1.700
21	20	7.473	3.363	0.45	1.552	7.168	3.226	0.45	1.645	6.954	3.129	0.45	1.682	6.710	3.020	0.45	1.756
22	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
22	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	22	7.778	2.878	0.37	1.608	7.503	2.776	0.37	1.709	7.320	2.708	0.37	1.756	7.015	2.596	0.37	1.830
23	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
23	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
23	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
24	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
24	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
24	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	24	8.174	2.697	0.33	1.682	7.869	2.597	0.33	1.774	7.686	2.536	0.33	1.830	7.442	2.456	0.33	1.922
25	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
25	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
25	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
26	18	7.168	5.519	0.77	1.478	6.863	5.285	0.77	1.552	6.588	5.073	0.77	1.626	6.344	4.885	0.77	1.700
26	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
26	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
26	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	26	8.418	2.441	0.29	1.774	8.174	2.370	0.29	1.866	8.052	2.335	0.29	1.922	7.808	2.264	0.29	1.977
27	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
27	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
27	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
27	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
27	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
28	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
28	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
28	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
28	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
28	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
29	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
29	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
29	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
29	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
29	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
30	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
30	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
30	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
30	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
30	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
31	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
31	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
31	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
31	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
31	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
32	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
32	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
32	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.268	0.53	1.922	7.808	4.138	0.53	1.977

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SFZ-M60VA / SUZ-M60VA

CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.407	0.57	1.811	5.490	3.129	0.57	1.922	5.063	2.886	0.57	1.996
21	20	6.283	2.827	0.45	1.885	5.856	2.635	0.45	1.977	5.429	2.443	0.45	2.088
22	18	5.978	3.647	0.61	1.811	5.490	3.349	0.61	1.922	5.063	3.088	0.61	1.996
22	20	6.283	3.079	0.49	1.885	5.856	2.869	0.49	1.977	5.429	2.660	0.49	2.088
22	22	6.649	2.460	0.37	1.959	6.222	2.302	0.37	2.070	5.795	2.144	0.37	2.144
23	18	5.978	3.886	0.65	1.811	5.490	3.569	0.65	1.922	5.063	3.291	0.65	1.996
23	20	6.283	3.330	0.53	1.885	5.856	3.104	0.53	1.977	5.429	2.877	0.53	2.088
23	22	6.649	2.726	0.41	1.959	6.222	2.551	0.41	2.070	5.795	2.376	0.41	2.144
24	18	5.978	4.125	0.69	1.811	5.490	3.788	0.69	1.922	5.063	3.493	0.69	1.996
24	20	6.283	3.581	0.57	1.885	5.856	3.338	0.57	1.977	5.429	3.095	0.57	2.088
24	22	6.649	2.992	0.45	1.959	6.222	2.800	0.45	2.070	5.795	2.608	0.45	2.144
24	24	7.015	2.315	0.33	2.033	6.588	2.174	0.33	2.125	6.222	2.053	0.33	2.218
25	20	6.283	3.833	0.61	1.885	5.856	3.572	0.61	1.977	5.429	3.312	0.61	2.088
25	22	6.649	3.258	0.49	1.959	6.222	3.049	0.49	2.070	5.795	2.840	0.49	2.144
25	24	7.015	2.596	0.37	2.033	6.588	2.438	0.37	2.125	6.222	2.302	0.37	2.218
26	18	5.978	4.603	0.77	1.811	5.490	4.227	0.77	1.922	5.063	3.899	0.77	1.996
26	20	6.283	4.084	0.65	1.885	5.856	3.806	0.65	1.977	5.429	3.529	0.65	2.088
26	22	6.649	3.524	0.53	1.959	6.222	3.298	0.53	2.070	5.795	3.071	0.53	2.144
26	24	7.015	2.876	0.41	2.033	6.588	2.701	0.41	2.125	6.222	2.551	0.41	2.218
26	26	7.381	2.140	0.29	2.107	6.954	2.017	0.29	2.199	6.527	1.893	0.29	2.292
27	18	5.978	4.842	0.81	1.811	5.490	4.447	0.81	1.922	5.063	4.101	0.81	1.996
27	20	6.283	4.335	0.69	1.885	5.856	4.041	0.69	1.977	5.429	3.746	0.69	2.088
27	22	6.649	3.790	0.57	1.959	6.222	3.547	0.57	2.070	5.795	3.303	0.57	2.144
27	24	7.015	3.157	0.45	2.033	6.588	2.965	0.45	2.125	6.222	2.800	0.45	2.218
27	26	7.381	2.436	0.33	2.107	6.954	2.295	0.33	2.199	6.527	2.154	0.33	2.292
28	18	5.978	5.081	0.85	1.811	5.490	4.667	0.85	1.922	5.063	4.304	0.85	1.996
28	20	6.283	4.587	0.73	1.885	5.856	4.275	0.73	1.977	5.429	3.963	0.73	2.088
28	22	6.649	4.056	0.61	1.959	6.222	3.795	0.61	2.070	5.795	3.535	0.61	2.144
28	24	7.015	3.437	0.49	2.033	6.588	3.228	0.49	2.125	6.222	3.049	0.49	2.218
28	26	7.381	2.731	0.37	2.107	6.954	2.573	0.37	2.199	6.527	2.415	0.37	2.292
29	18	5.978	5.320	0.89	1.811	5.490	4.886	0.89	1.922	5.063	4.506	0.89	1.996
29	20	6.283	4.838	0.77	1.885	5.856	4.509	0.77	1.977	5.429	4.180	0.77	2.088
29	22	6.649	4.322	0.65	1.959	6.222	4.044	0.65	2.070	5.795	3.767	0.65	2.144
29	24	7.015	3.718	0.53	2.033	6.588	3.492	0.53	2.125	6.222	3.298	0.53	2.218
29	26	7.381	3.026	0.41	2.107	6.954	2.851	0.41	2.199	6.527	2.676	0.41	2.292
30	18	5.978	5.560	0.93	1.811	5.490	5.106	0.93	1.922	5.063	4.709	0.93	1.996
30	20	6.283	5.089	0.81	1.885	5.856	4.743	0.81	1.977	5.429	4.397	0.81	2.088
30	22	6.649	4.588	0.69	1.959	6.222	4.293	0.69	2.070	5.795	3.999	0.69	2.144
30	24	7.015	3.999	0.57	2.033	6.588	3.755	0.57	2.125	6.222	3.547	0.57	2.218
30	26	7.381	3.321	0.45	2.107	6.954	3.129	0.45	2.199	6.527	2.937	0.45	2.292
31	18	5.978	5.799	0.97	1.811	5.490	5.325	0.97	1.922	5.063	4.911	0.97	1.996
31	20	6.283	5.341	0.85	1.885	5.856	4.978	0.85	1.977	5.429	4.615	0.85	2.088
31	22	6.649	4.854	0.73	1.959	6.222	4.542	0.73	2.070	5.795	4.230	0.73	2.144
31	24	7.015	4.279	0.61	2.033	6.588	4.019	0.61	2.125	6.222	3.795	0.61	2.218
31	26	7.381	3.617	0.49	2.107	6.954	3.407	0.49	2.199	6.527	3.198	0.49	2.292
32	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
32	20	6.283	5.592	0.89	1.885	5.856	5.212	0.89	1.977	5.429	4.832	0.89	2.088
32	22	6.649	5.120	0.77	1.959	6.222	4.791	0.77	2.070	5.795	4.462	0.77	2.144
32	24	7.015	4.560	0.65	2.033	6.588	4.282	0.65	2.125	6.222	4.044	0.65	2.218
32	26	7.381	3.912	0.53	2.107	6.954	3.686	0.53	2.199	6.527	3.459	0.53	2.292

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency
SFZ-M71VA / SUZ-M71VA
 CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

INDOOR		OUTDOOR DB(°C)															
DB(°C)	WB(°C)	21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.721	7.988	4.473	0.56	1.807	7.668	4.294	0.56	1.893	7.384	4.135	0.56	1.979
21	20	8.698	3.827	0.44	1.807	8.343	3.671	0.44	1.914	8.094	3.561	0.44	1.957	7.810	3.436	0.44	2.043
22	18	8.343	5.006	0.60	1.721	7.988	4.793	0.60	1.807	7.668	4.601	0.60	1.893	7.384	4.430	0.60	1.979
22	20	8.698	4.175	0.48	1.807	8.343	4.005	0.48	1.914	8.094	3.885	0.48	1.957	7.810	3.749	0.48	2.043
22	22	9.053	3.259	0.36	1.871	8.733	3.144	0.36	1.990	8.520	3.067	0.36	2.043	8.165	2.939	0.36	2.129
23	18	8.343	5.340	0.64	1.721	7.988	5.112	0.64	1.807	7.668	4.908	0.64	1.893	7.384	4.726	0.64	1.979
23	20	8.698	4.523	0.52	1.807	8.343	4.338	0.52	1.914	8.094	4.209	0.52	1.957	7.810	4.061	0.52	2.043
23	22	9.053	3.621	0.40	1.871	8.733	3.493	0.40	1.990	8.520	3.408	0.40	2.043	8.165	3.266	0.40	2.129
24	18	8.343	5.673	0.68	1.721	7.988	5.432	0.68	1.807	7.668	5.214	0.68	1.893	7.384	5.021	0.68	1.979
24	20	8.698	4.871	0.56	1.807	8.343	4.672	0.56	1.914	8.094	4.533	0.56	1.957	7.810	4.374	0.56	2.043
24	22	9.053	3.983	0.44	1.871	8.733	3.843	0.44	1.990	8.520	3.749	0.44	2.043	8.165	3.593	0.44	2.129
24	24	9.514	3.044	0.32	1.957	9.159	2.931	0.32	2.065	8.946	2.863	0.32	2.129	8.662	2.772	0.32	2.237
25	20	8.698	5.219	0.60	1.807	8.343	5.006	0.60	1.914	8.094	4.856	0.60	1.957	7.810	4.686	0.60	2.043
25	22	9.053	4.345	0.48	1.871	8.733	4.192	0.48	1.990	8.520	4.090	0.48	2.043	8.165	3.919	0.48	2.129
25	24	9.514	3.425	0.36	1.957	9.159	3.297	0.36	2.065	8.946	3.221	0.36	2.129	8.662	3.118	0.36	2.237
26	18	8.343	6.341	0.76	1.721	7.988	6.071	0.76	1.807	7.668	5.828	0.76	1.893	7.384	5.612	0.76	1.979
26	20	8.698	5.567	0.64	1.807	8.343	5.340	0.64	1.914	8.094	5.180	0.64	1.957	7.810	4.998	0.64	2.043
26	22	9.053	4.708	0.52	1.871	8.733	4.541	0.52	1.990	8.520	4.430	0.52	2.043	8.165	4.246	0.52	2.129
26	24	9.514	3.806	0.40	1.957	9.159	3.664	0.40	2.065	8.946	3.578	0.40	2.129	8.662	3.465	0.40	2.237
26	26	9.798	2.743	0.28	2.065	9.514	2.664	0.28	2.173	9.372	2.624	0.28	2.237	9.088	2.545	0.28	2.302
27	18	8.343	6.674	0.80	1.721	7.988	6.390	0.80	1.807	7.668	6.134	0.80	1.893	7.384	5.907	0.80	1.979
27	20	8.698	5.915	0.68	1.807	8.343	5.673	0.68	1.914	8.094	5.504	0.68	1.957	7.810	5.311	0.68	2.043
27	22	9.053	5.070	0.56	1.871	8.733	4.890	0.56	1.990	8.520	4.771	0.56	2.043	8.165	4.572	0.56	2.129
27	24	9.514	4.186	0.44	1.957	9.159	4.030	0.44	2.065	8.946	3.936	0.44	2.129	8.662	3.811	0.44	2.237
27	26	9.798	3.135	0.32	2.065	9.514	3.044	0.32	2.173	9.372	2.999	0.32	2.237	9.088	2.908	0.32	2.302
28	18	8.343	7.008	0.84	1.721	7.988	6.710	0.84	1.807	7.668	6.441	0.84	1.893	7.384	6.203	0.84	1.979
28	20	8.698	6.263	0.72	1.807	8.343	6.007	0.72	1.914	8.094	5.828	0.72	1.957	7.810	5.623	0.72	2.043
28	22	9.053	5.432	0.60	1.871	8.733	5.240	0.60	1.990	8.520	5.112	0.60	2.043	8.165	4.899	0.60	2.129
28	24	9.514	4.567	0.48	1.957	9.159	4.396	0.48	2.065	8.946	4.294	0.48	2.129	8.662	4.158	0.48	2.237
28	26	9.798	3.527	0.36	2.065	9.514	3.425	0.36	2.173	9.372	3.374	0.36	2.237	9.088	3.272	0.36	2.302
29	18	8.343	7.342	0.88	1.721	7.988	7.029	0.88	1.807	7.668	6.748	0.88	1.893	7.384	6.498	0.88	1.979
29	20	8.698	6.610	0.76	1.807	8.343	6.341	0.76	1.914	8.094	6.151	0.76	1.957	7.810	5.936	0.76	2.043
29	22	9.053	5.794	0.64	1.871	8.733	5.589	0.64	1.990	8.520	5.453	0.64	2.043	8.165	5.226	0.64	2.129
29	24	9.514	4.947	0.52	1.957	9.159	4.763	0.52	2.065	8.946	4.652	0.52	2.129	8.662	4.504	0.52	2.237
29	26	9.798	3.919	0.40	2.065	9.514	3.806	0.40	2.173	9.372	3.749	0.40	2.237	9.088	3.635	0.40	2.302
30	18	8.343	7.676	0.92	1.721	7.988	7.349	0.92	1.807	7.668	7.055	0.92	1.893	7.384	6.793	0.92	1.979
30	20	8.698	6.958	0.80	1.807	8.343	6.674	0.80	1.914	8.094	6.475	0.80	1.957	7.810	6.248	0.80	2.043
30	22	9.053	6.156	0.68	1.871	8.733	5.938	0.68	1.990	8.520	5.794	0.68	2.043	8.165	5.552	0.68	2.129
30	24	9.514	5.328	0.56	1.957	9.159	5.129	0.56	2.065	8.946	5.010	0.56	2.129	8.662	4.851	0.56	2.237
30	26	9.798	4.311	0.44	2.065	9.514	4.186	0.44	2.173	9.372	4.124	0.44	2.237	9.088	3.999	0.44	2.302
31	18	8.343	8.009	0.96	1.721	7.988	7.668	0.96	1.807	7.668	7.361	0.96	1.893	7.384	7.089	0.96	1.979
31	20	8.698	7.306	0.84	1.807	8.343	7.008	0.84	1.914	8.094	6.799	0.84	1.957	7.810	6.560	0.84	2.043
31	22	9.053	6.518	0.72	1.871	8.733	6.288	0.72	1.990	8.520	6.134	0.72	2.043	8.165	5.879	0.72	2.129
31	24	9.514	5.708	0.60	1.957	9.159	5.495	0.60	2.065	8.946	5.368	0.60	2.129	8.662	5.197	0.60	2.237
31	26	9.798	4.703	0.48	2.065	9.514	4.567	0.48	2.173	9.372	4.499	0.48	2.237	9.088	4.362	0.48	2.302
32	18	8.343	8.343	1.00	1.721	7.988	7.988	1.00	1.807	7.668	7.668	1.00	1.893	7.384	7.384	1.00	1.979
32	20	8.698	7.654	0.88	1.807	8.343	7.342	0.88	1.914	8.094	7.123	0.88	1.957	7.810	6.873	0.88	2.043
32	22	9.053	6.880	0.76	1.871	8.733	6.637	0.76	1.990	8.520	6.475	0.76	2.043	8.165	6.205	0.76	2.129
32	24	9.514	6.089	0.64	1.957	9.159	5.862	0.64	2.065	8.946	5.725	0.64	2.129	8.662	5.544	0.64	2.237
32	26	9.798	5.095	0.52	2.065	9.514	4.947	0.52	2.173	9.372	4.873	0.52	2.237	9.088	4.726	0.52	2.302

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING operation at Rated frequency

SFZ-M71VA / SUZ-M71VA

CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	2.108	6.390	3.578	0.56	2.237	5.893	3.300	0.56	2.323
21	20	7.313	3.218	0.44	2.194	6.816	2.999	0.44	2.302	6.319	2.780	0.44	2.431
22	18	6.958	4.175	0.60	2.108	6.390	3.834	0.60	2.237	5.893	3.536	0.60	2.323
22	20	7.313	3.510	0.48	2.194	6.816	3.272	0.48	2.302	6.319	3.033	0.48	2.431
22	22	7.739	2.786	0.36	2.280	7.242	2.607	0.36	2.409	6.745	2.428	0.36	2.495
23	18	6.958	4.453	0.64	2.108	6.390	4.090	0.64	2.237	5.893	3.772	0.64	2.323
23	20	7.313	3.803	0.52	2.194	6.816	3.544	0.52	2.302	6.319	3.286	0.52	2.431
23	22	7.739	3.096	0.40	2.280	7.242	2.897	0.40	2.409	6.745	2.698	0.40	2.495
24	18	6.958	4.731	0.68	2.108	6.390	4.345	0.68	2.237	5.893	4.007	0.68	2.323
24	20	7.313	4.095	0.56	2.194	6.816	3.817	0.56	2.302	6.319	3.539	0.56	2.431
24	22	7.739	3.405	0.44	2.280	7.242	3.186	0.44	2.409	6.745	2.968	0.44	2.495
24	24	8.165	2.613	0.32	2.366	7.668	2.454	0.32	2.474	7.242	2.317	0.32	2.581
25	20	7.313	4.388	0.60	2.194	6.816	4.090	0.60	2.302	6.319	3.791	0.60	2.431
25	22	7.739	3.715	0.48	2.280	7.242	3.476	0.48	2.409	6.745	3.238	0.48	2.495
25	24	8.165	2.939	0.36	2.366	7.668	2.760	0.36	2.474	7.242	2.607	0.36	2.581
26	18	6.958	5.288	0.76	2.108	6.390	4.856	0.76	2.237	5.893	4.479	0.76	2.323
26	20	7.313	4.680	0.64	2.194	6.816	4.362	0.64	2.302	6.319	4.044	0.64	2.431
26	22	7.739	4.024	0.52	2.280	7.242	3.766	0.52	2.409	6.745	3.507	0.52	2.495
26	24	8.165	3.266	0.40	2.366	7.668	3.067	0.40	2.474	7.242	2.897	0.40	2.581
26	26	8.591	2.405	0.28	2.452	8.094	2.266	0.28	2.560	7.597	2.127	0.28	2.667
27	18	6.958	5.566	0.80	2.108	6.390	5.112	0.80	2.237	5.893	4.714	0.80	2.323
27	20	7.313	4.973	0.68	2.194	6.816	4.635	0.68	2.302	6.319	4.297	0.68	2.431
27	22	7.739	4.334	0.56	2.280	7.242	4.056	0.56	2.409	6.745	3.777	0.56	2.495
27	24	8.165	3.593	0.44	2.366	7.668	3.374	0.44	2.474	7.242	3.186	0.44	2.581
27	26	8.591	2.749	0.32	2.452	8.094	2.590	0.32	2.560	7.597	2.431	0.32	2.667
28	18	6.958	5.845	0.84	2.108	6.390	5.368	0.84	2.237	5.893	4.950	0.84	2.323
28	20	7.313	5.265	0.72	2.194	6.816	4.908	0.72	2.302	6.319	4.550	0.72	2.431
28	22	7.739	4.643	0.60	2.280	7.242	4.345	0.60	2.409	6.745	4.047	0.60	2.495
28	24	8.165	3.919	0.48	2.366	7.668	3.681	0.48	2.474	7.242	3.476	0.48	2.581
28	26	8.591	3.093	0.36	2.452	8.094	2.914	0.36	2.560	7.597	2.735	0.36	2.667
29	18	6.958	6.123	0.88	2.108	6.390	5.623	0.88	2.237	5.893	5.186	0.88	2.323
29	20	7.313	5.558	0.76	2.194	6.816	5.180	0.76	2.302	6.319	4.802	0.76	2.431
29	22	7.739	4.953	0.64	2.280	7.242	4.635	0.64	2.409	6.745	4.317	0.64	2.495
29	24	8.165	4.246	0.52	2.366	7.668	3.987	0.52	2.474	7.242	3.766	0.52	2.581
29	26	8.591	3.436	0.40	2.452	8.094	3.238	0.40	2.560	7.597	3.039	0.40	2.667
30	18	6.958	6.401	0.92	2.108	6.390	5.879	0.92	2.237	5.893	5.422	0.92	2.323
30	20	7.313	5.850	0.80	2.194	6.816	5.453	0.80	2.302	6.319	5.055	0.80	2.431
30	22	7.739	5.263	0.68	2.280	7.242	4.925	0.68	2.409	6.745	4.587	0.68	2.495
30	24	8.165	4.572	0.56	2.366	7.668	4.294	0.56	2.474	7.242	4.056	0.56	2.581
30	26	8.591	3.780	0.44	2.452	8.094	3.561	0.44	2.560	7.597	3.343	0.44	2.667
31	18	6.958	6.680	0.96	2.108	6.390	6.134	0.96	2.237	5.893	5.657	0.96	2.323
31	20	7.313	6.143	0.84	2.194	6.816	5.725	0.84	2.302	6.319	5.308	0.84	2.431
31	22	7.739	5.572	0.72	2.280	7.242	5.214	0.72	2.409	6.745	4.856	0.72	2.495
31	24	8.165	4.899	0.60	2.366	7.668	4.601	0.60	2.474	7.242	4.345	0.60	2.581
31	26	8.591	4.124	0.48	2.452	8.094	3.885	0.48	2.560	7.597	3.647	0.48	2.667
32	18	6.958	6.958	1.00	2.108	6.390	6.390	1.00	2.237	5.893	5.893	1.00	2.323
32	20	7.313	6.435	0.88	2.194	6.816	5.998	0.88	2.302	6.319	5.561	0.88	2.431
32	22	7.739	5.882	0.76	2.280	7.242	5.504	0.76	2.409	6.745	5.126	0.76	2.495
32	24	8.165	5.226	0.64	2.366	7.668	4.908	0.64	2.474	7.242	4.635	0.64	2.581
32	26	8.591	4.467	0.52	2.452	8.094	4.209	0.52	2.560	7.597	3.950	0.52	2.667

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING operation

SFZ-M25VA / SUZ-M25VA at Rated frequency

CAPACITY : 3.200kW INPUT : 0.886kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.600	0.461	2.016	0.576	2.432	0.691	2.848	0.780	3.264	0.842	3.680	0.895	4.064	0.921	4.480	0.939
21	1.504	0.491	1.920	0.620	2.304	0.735	2.720	0.815	3.104	0.877	3.520	0.921	3.904	0.948	4.304	0.983
26	1.312	0.532	1.728	0.665	2.144	0.780	2.528	0.859	2.944	0.921	3.360	0.966	3.744	0.992	4.160	1.019

SFZ-M35VA / SUZ-M35VA at Rated frequency

CAPACITY : 4.100kW INPUT : 1.051kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.050	0.547	2.583	0.683	3.116	0.820	3.649	0.925	4.182	0.998	4.715	1.062	5.207	1.093	5.740	1.114
21	1.927	0.582	2.460	0.736	2.952	0.872	3.485	0.967	3.977	1.040	4.510	1.093	5.002	1.125	5.515	1.167
26	1.681	0.631	2.214	0.788	2.747	0.925	3.239	1.019	3.772	1.093	4.305	1.146	4.797	1.177	5.330	1.209

SFZ-M50VA / SUZ-M50VA at Rated frequency

CAPACITY : 6.000kW INPUT : 1.617kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860

SFZ-M60VA / SUZ-M60VA at Rated frequency

CAPACITY : 7.000kW INPUT : 1.886kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.500	0.981	4.410	1.226	5.320	1.471	6.230	1.660	7.140	1.792	8.050	1.905	8.890	1.961	9.800	1.999
21	3.290	1.045	4.200	1.320	5.040	1.565	5.950	1.735	6.790	1.867	7.700	1.961	8.540	2.018	9.415	2.093
26	2.870	1.132	3.780	1.415	4.690	1.660	5.530	1.829	6.440	1.961	7.350	2.056	8.190	2.112	9.100	2.169

SFZ-M71VA SUZ-M71VA at Rated frequency

CAPACITY : 8.000kW INPUT : 2.156kW

INDOOR DB(°C)	OUTDOOR WB(°C)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.000	1.121	5.040	1.401	6.080	1.682	7.120	1.897	8.160	2.048	9.200	2.178	10.160	2.242	11.200	2.285
21	3.760	1.194	4.800	1.509	5.760	1.789	6.800	1.984	7.760	2.134	8.800	2.242	9.760	2.307	10.760	2.393
26	3.280	1.294	4.320	1.617	5.360	1.897	6.320	2.091	7.360	2.242	8.400	2.350	9.360	2.415	10.400	2.479

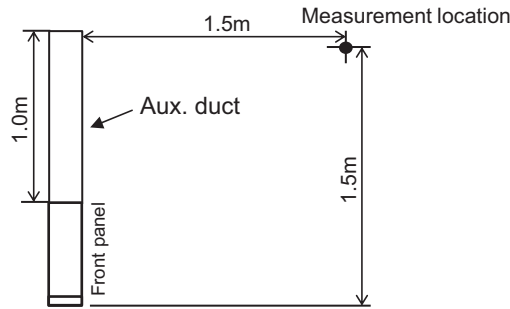
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

B.3.6 NOISE CRITERIA CURVES

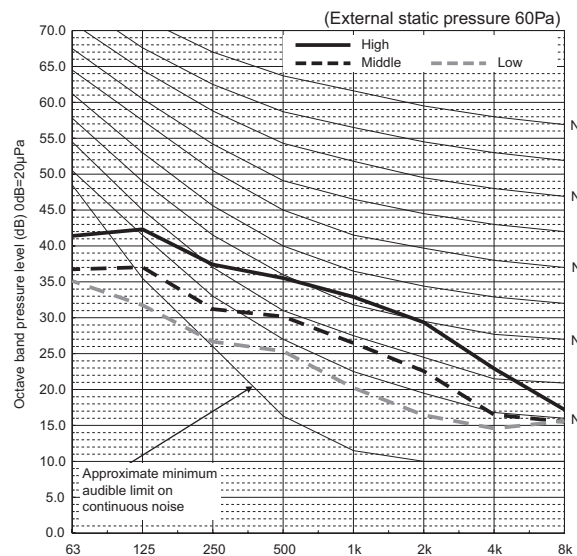
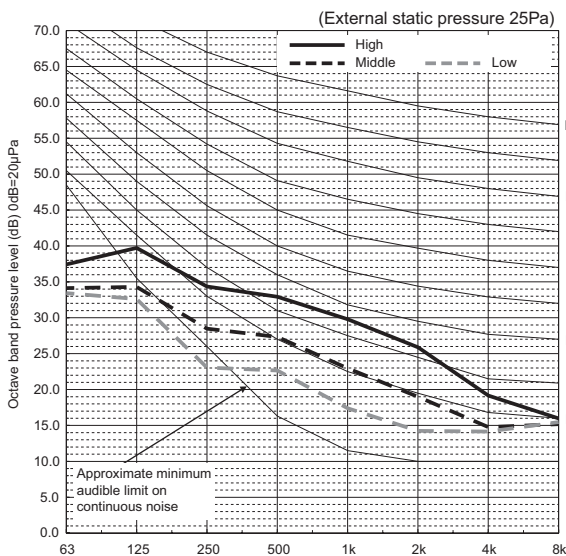
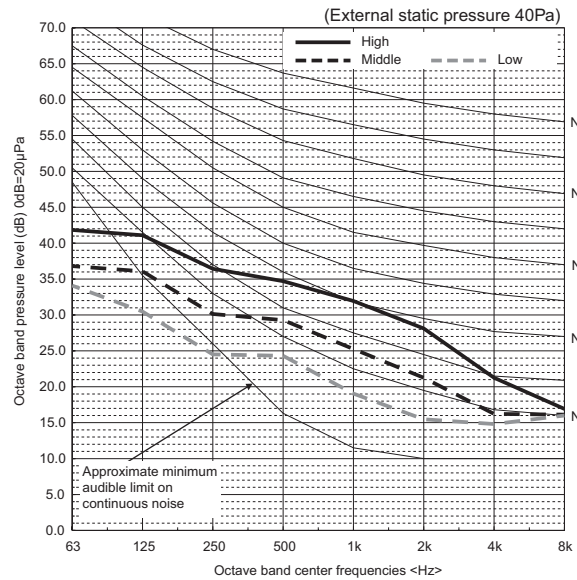
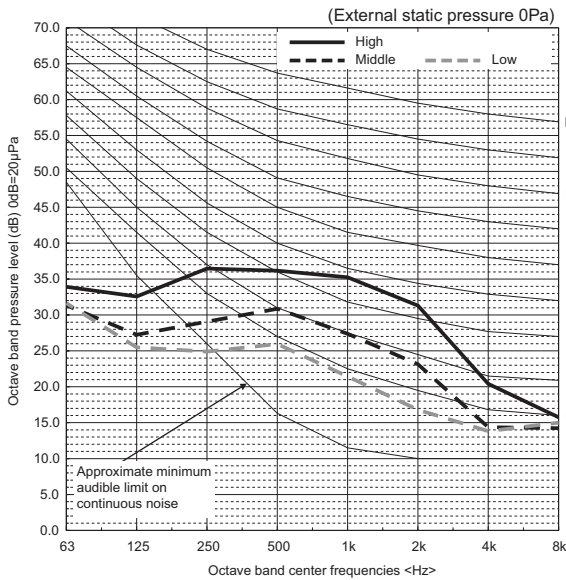
Sound pressure level

Floor standing concealed



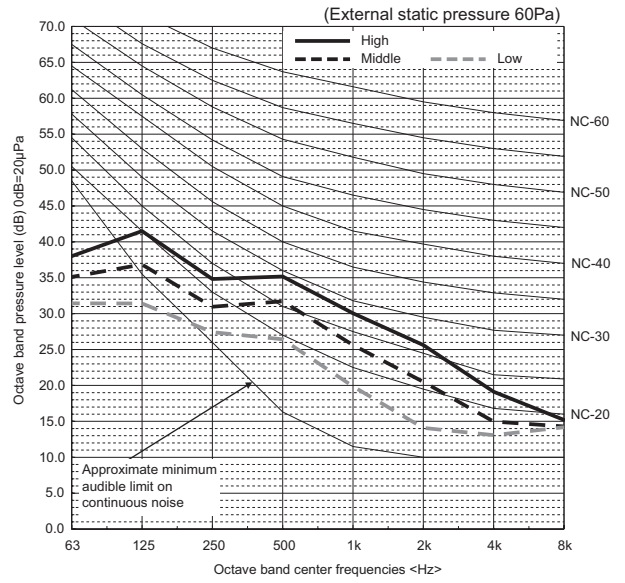
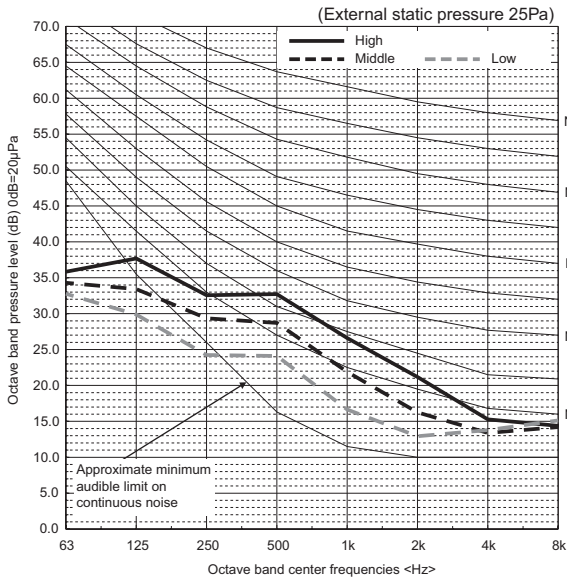
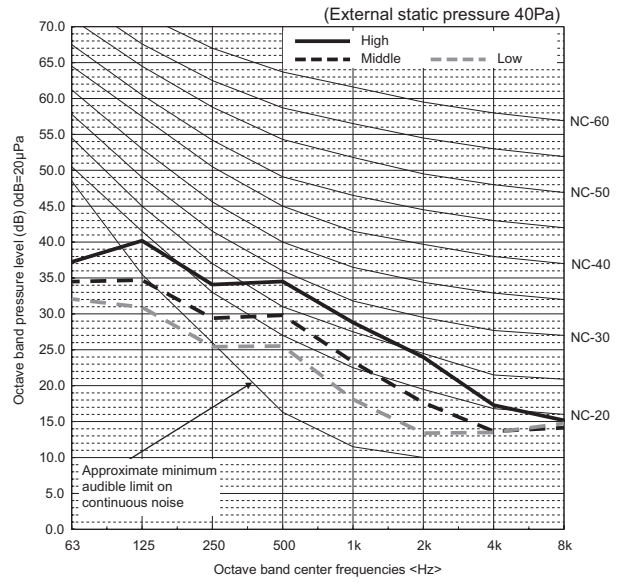
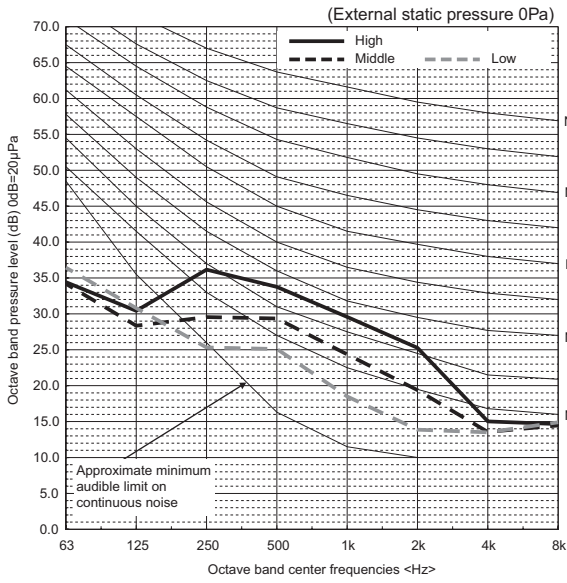
* Measurements were taken without the duct being connected to the indoor unit outlet when the external static pressure is 0 Pa.

SFZ-M25VA



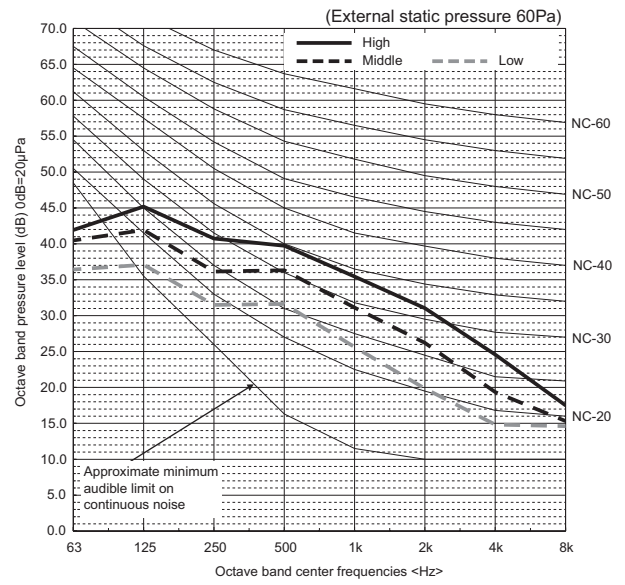
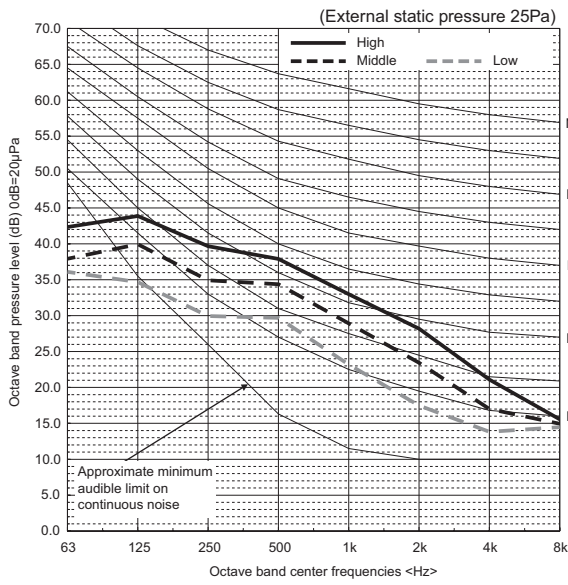
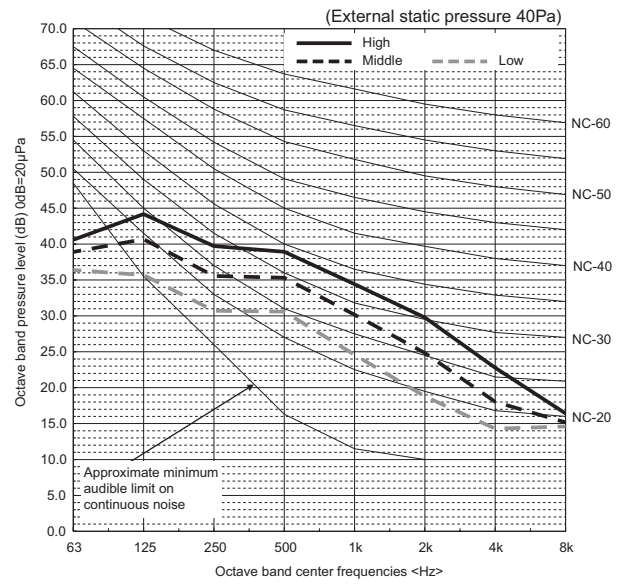
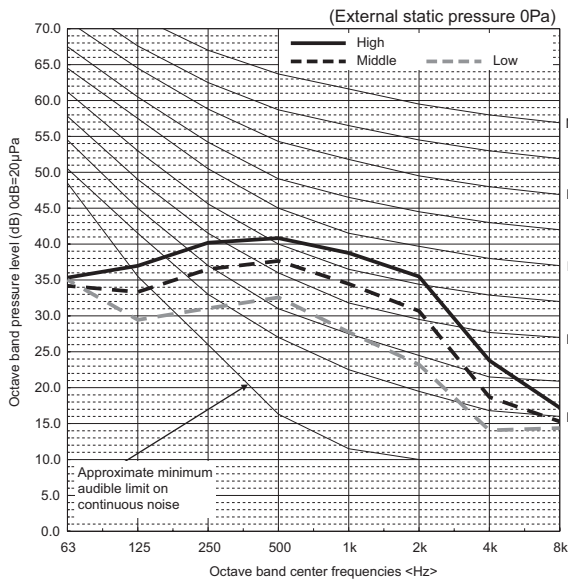
FLOOR STANDING NOISE CRITERIA CURVES

SFZ-M35VA



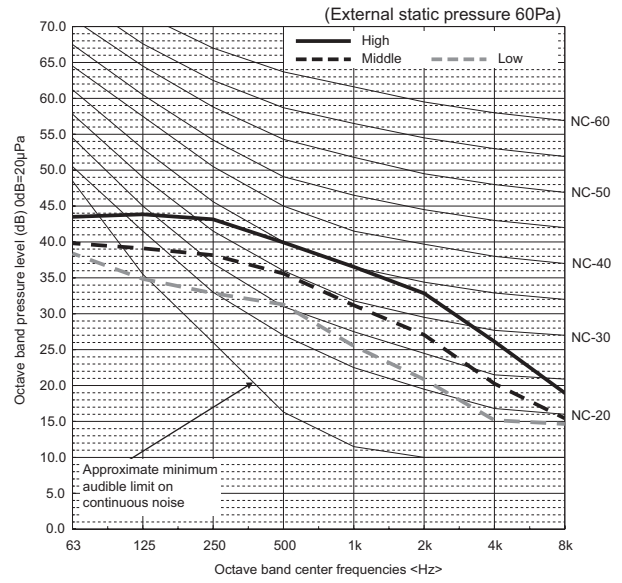
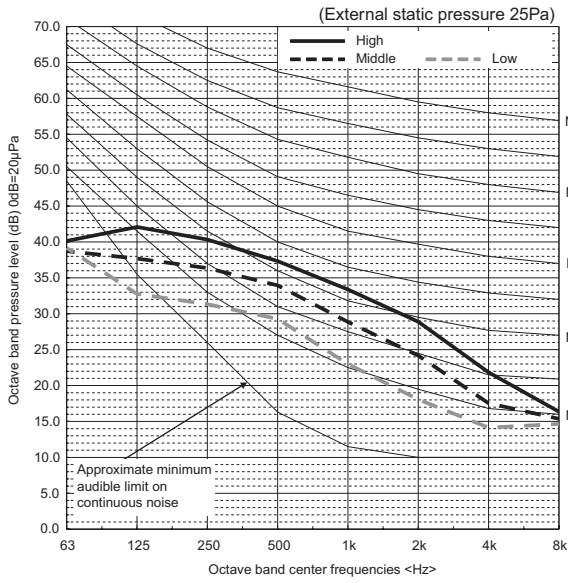
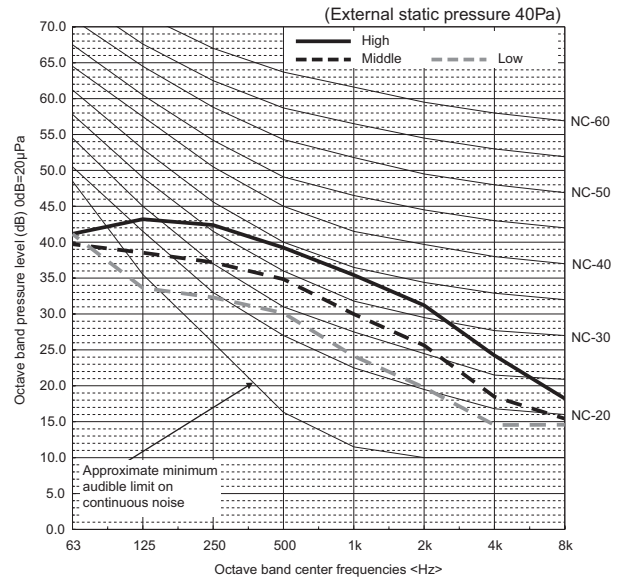
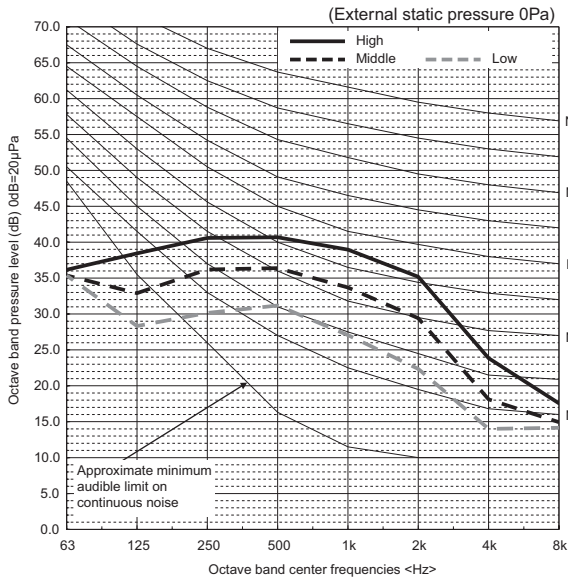
FLOOR STANDING NOISE CRITERIA CURVES

SFZ-M50VA



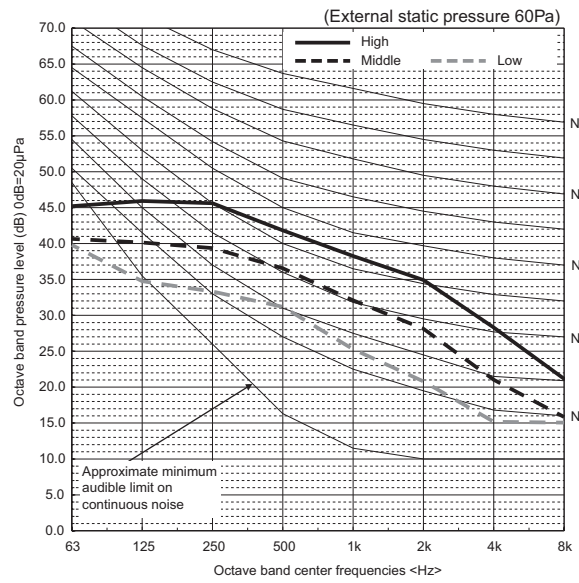
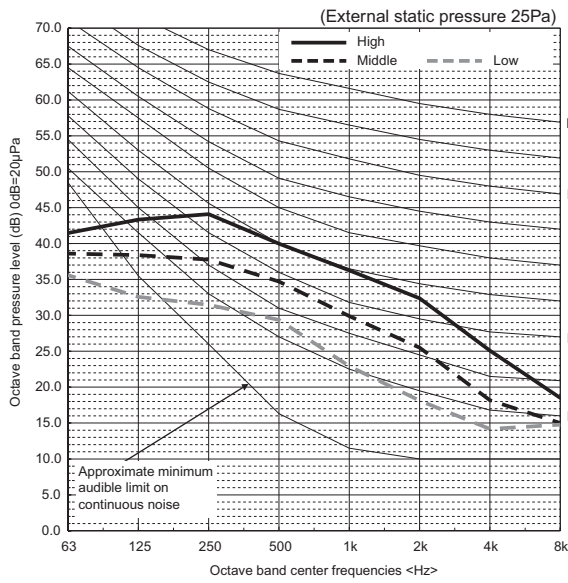
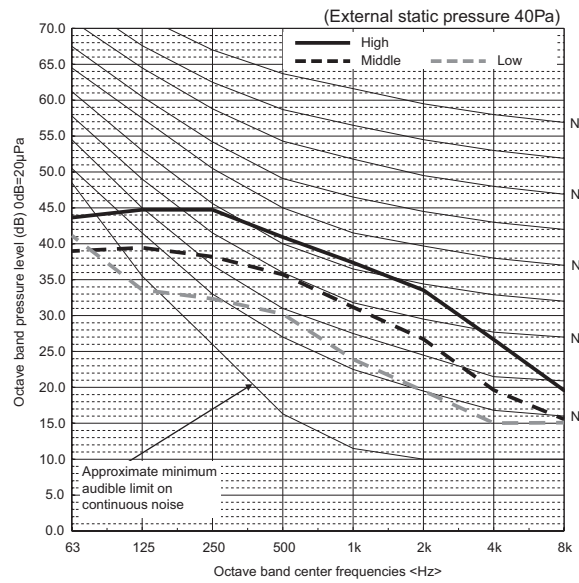
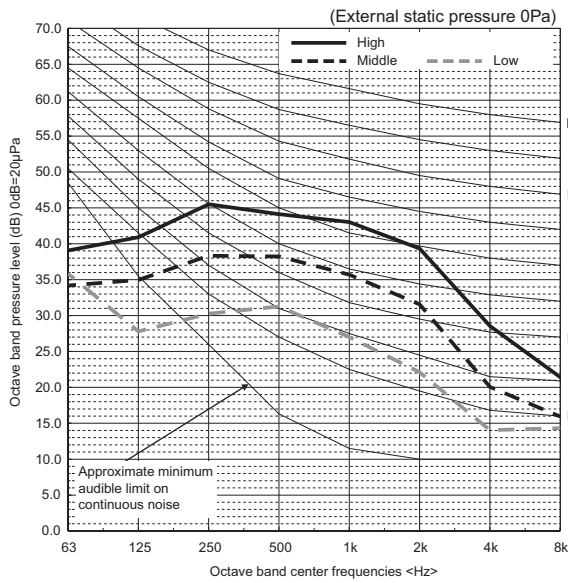
FLOOR STANDING NOISE CRITERIA CURVES

SFZ-M60VA



FLOOR STANDING NOISE CRITERIA CURVES

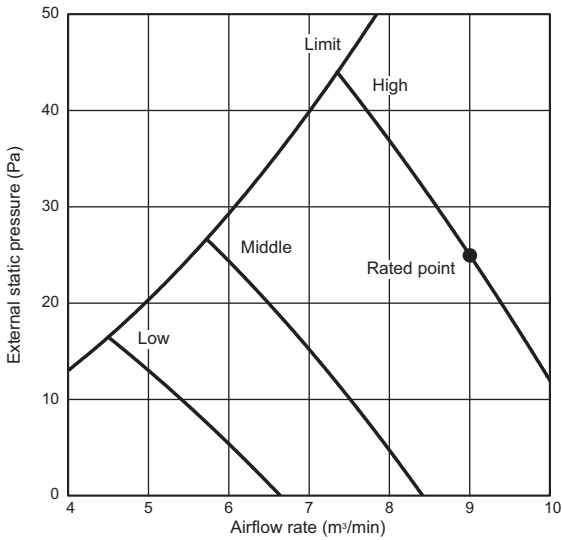
SFZ-M71VA



B.3.7 INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

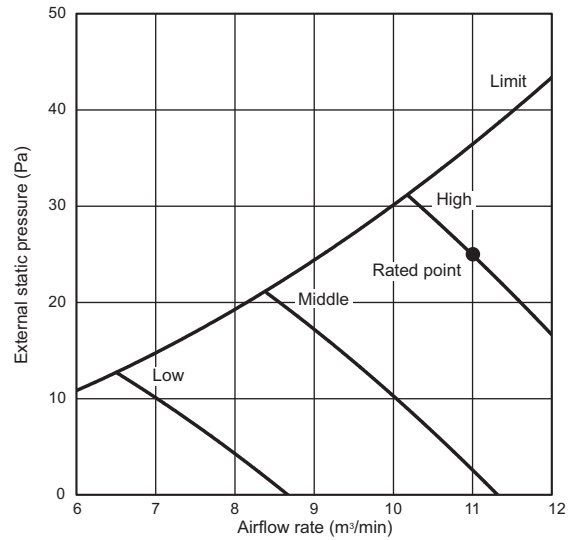
SFZ-M25VA

External static pressure : 25Pa
 Power source : 220-240V



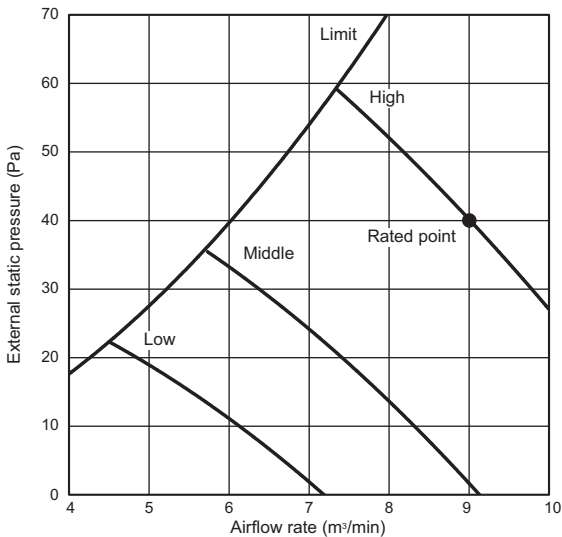
SFZ-M35VA

External static pressure : 25Pa
 Power source : 220-240V



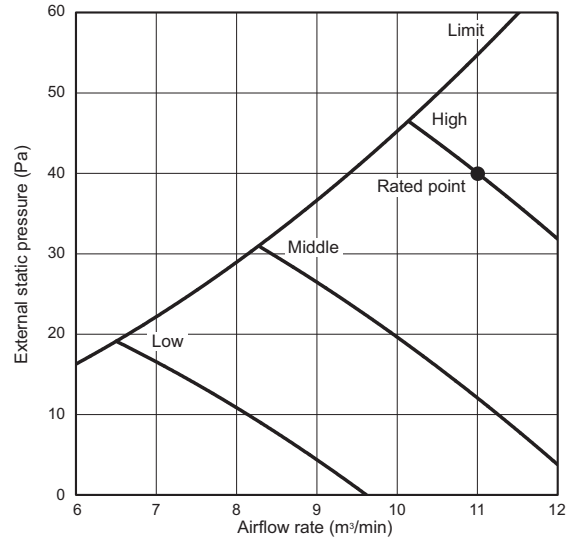
SFZ-M25VA

External static pressure : 40Pa
 Power source : 220-240V



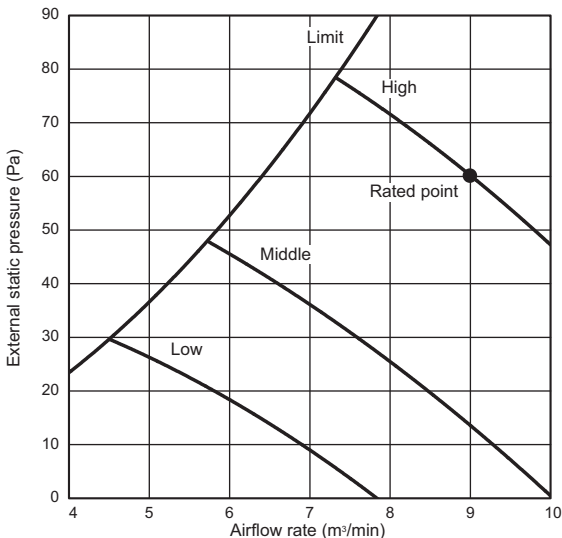
SFZ-M35VA

External static pressure : 40Pa
 Power source : 220-240V



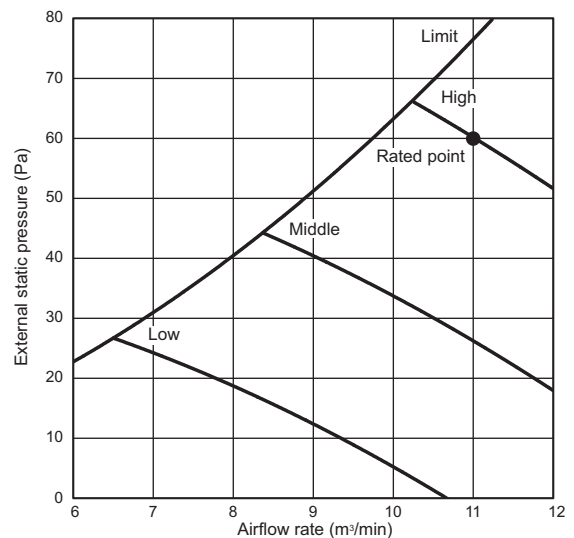
SFZ-M25VA

External static pressure : 60Pa
 Power source : 220-240V



SFZ-M35VA

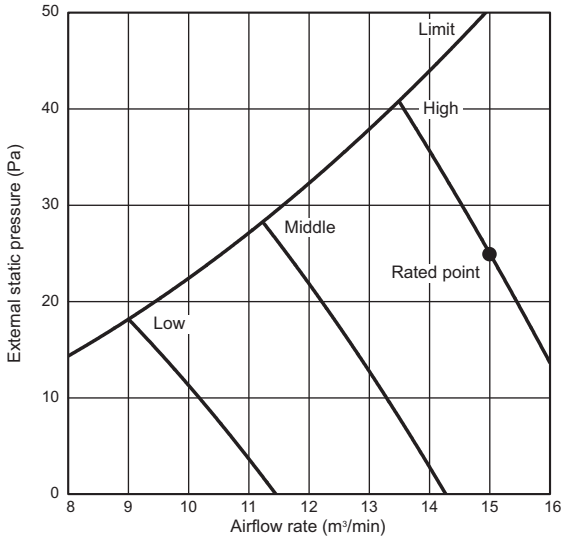
External static pressure : 60Pa
 Power source : 220-240V



FLOOR STANDING INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

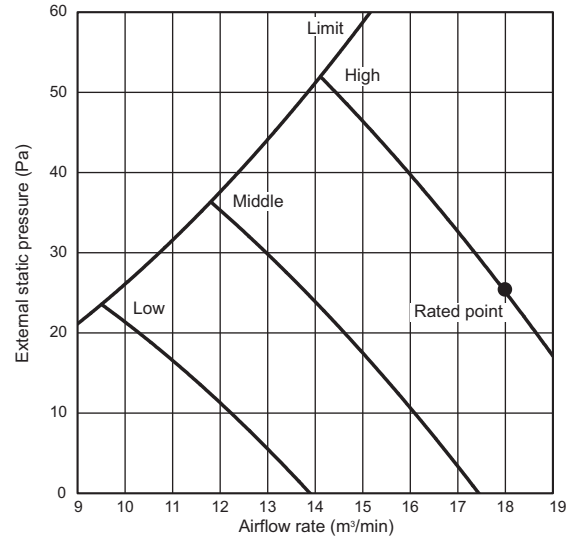
SFZ-M50VA

External static pressure : 25Pa
Power source : 220-240V



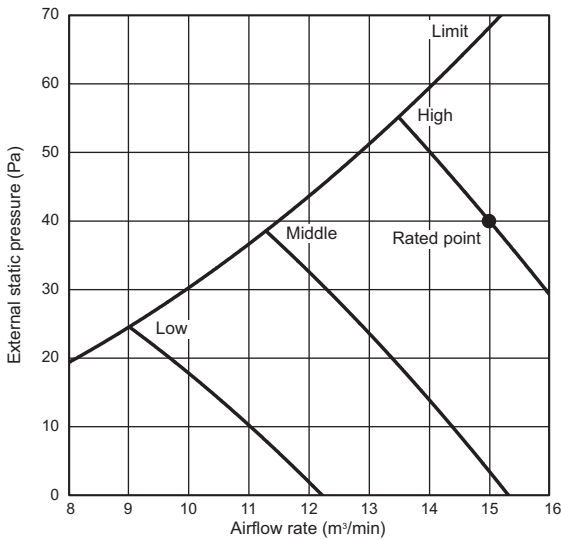
SFZ-M60VA

External static pressure : 25Pa
Power source : 220-240V



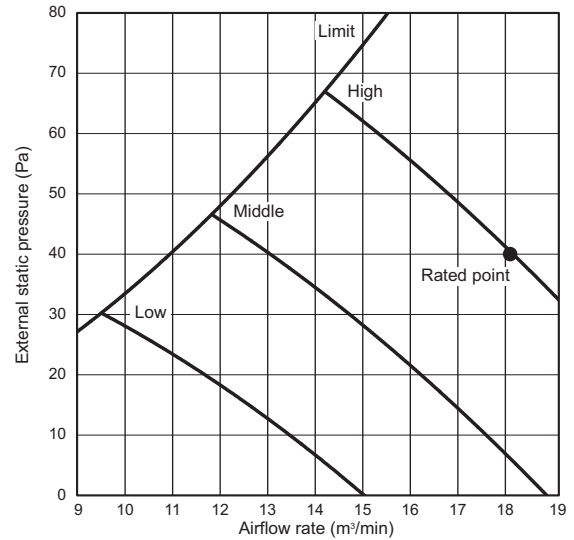
SFZ-M50VA

External static pressure : 40Pa
Power source : 220-240V



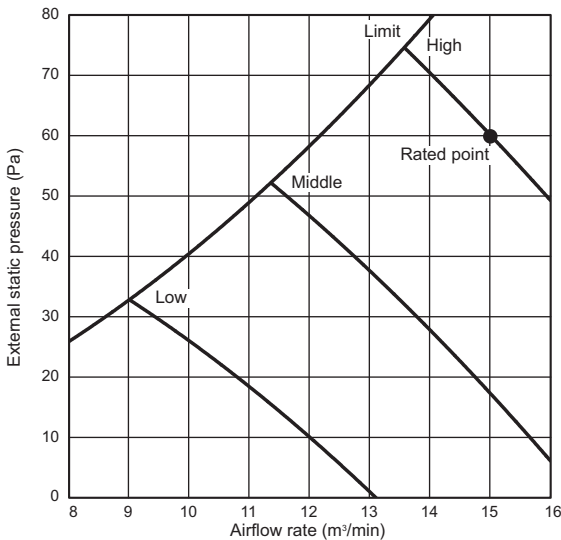
SFZ-M60VA

External static pressure : 40Pa
Power source : 220-240V



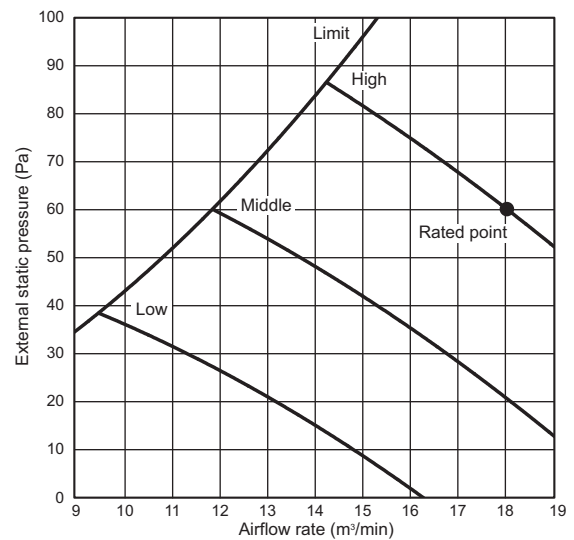
SFZ-M50VA

External static pressure : 60Pa
Power source : 220-240V



SFZ-M60VA

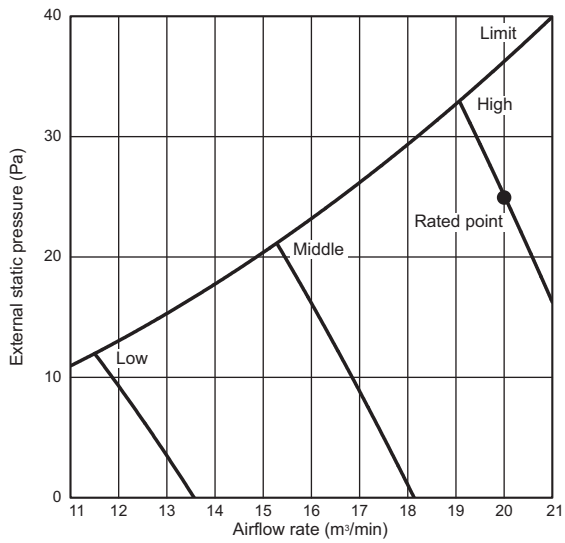
External static pressure : 60Pa
Power source : 220-240V



SFZ-M71VA

External static pressure : 25Pa

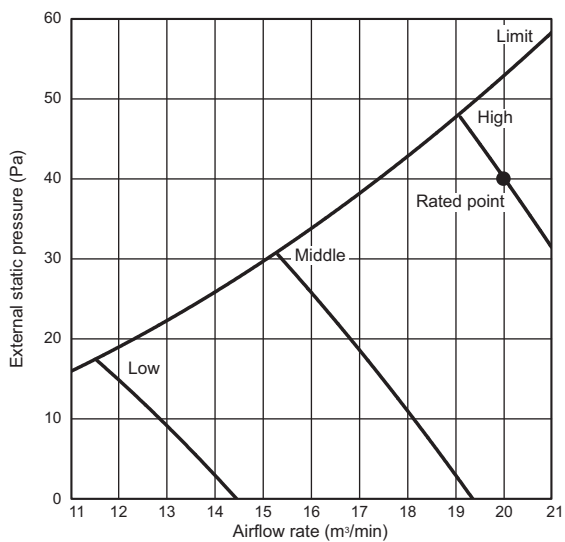
Power source : 220-240V



SFZ-M71VA

External static pressure : 40Pa

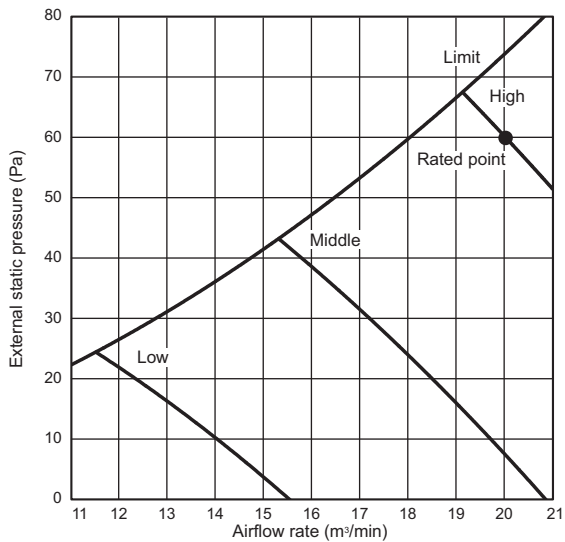
Power source : 220-240V



SFZ-M71VA

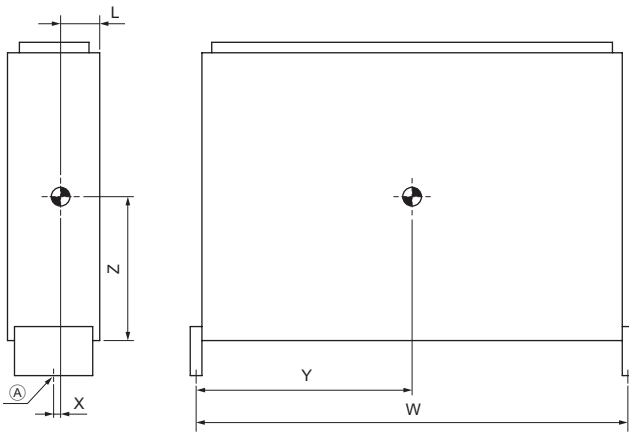
External static pressure : 60Pa

Power source : 220-240V



FLOOR STANDING INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

B.3.8 CENTER OF GRAVITY POSITION



Model name	W (mm)	L (mm)	X (mm)	Y (mm)	Z (mm)	Product weight (kg)
SFZ-M25	730	95	5	365	290	19
SFZ-M35	930	95	5	495	300	22.5
SFZ-M50	930	95	5	495	300	22.5
SFZ-M60	1130	95	5	615	320	26
SFZ-M71	1130	95	5	615	320	26

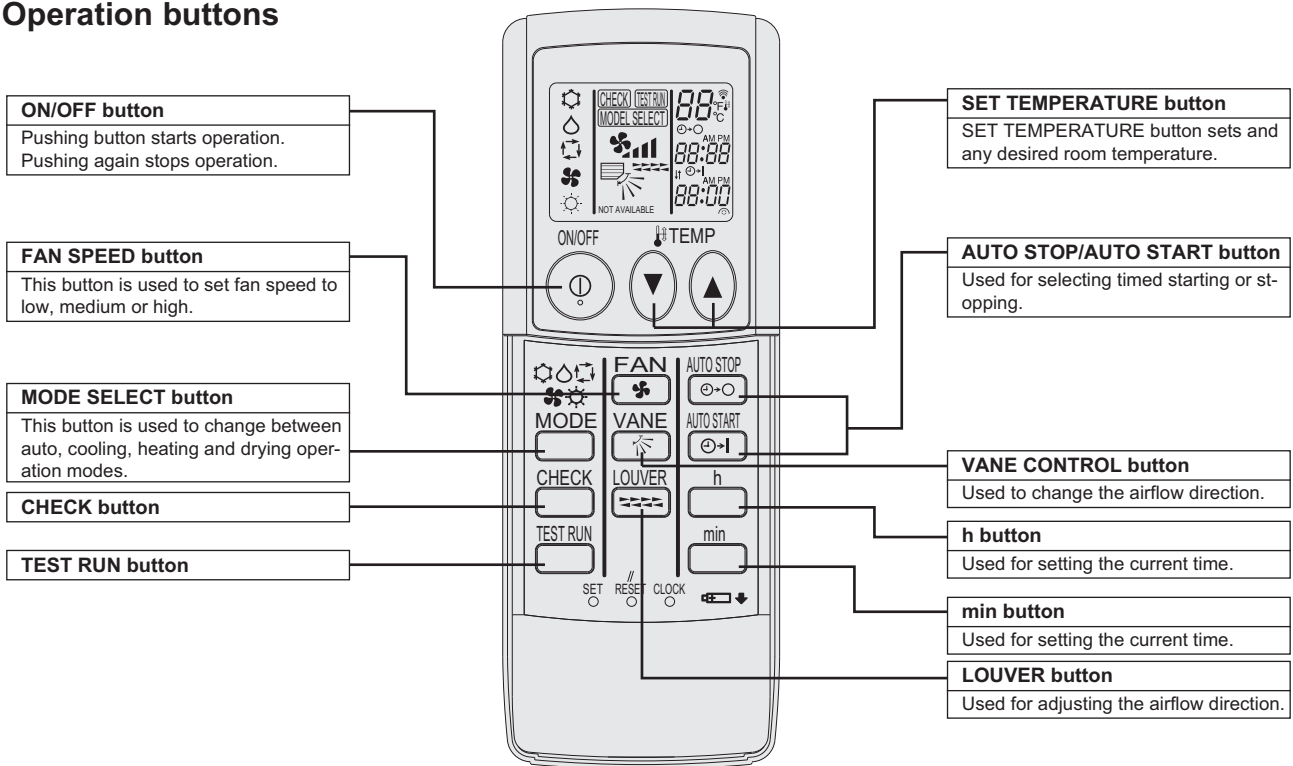
(A) Floor hole for fixing

B.3.9 REMOTE CONTROLLER

B.3.9.1 WIRELESS REMOTE CONTROLLER (option)

[PAR-SL97A-E]

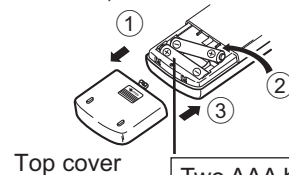
● Operation buttons



- When using the wireless remote controller, point it towards the receiver on the indoor unit.
- If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
- The indoor unit beeps to confirm that the signal transmitted from the remote controller has been received. Signals can be received up to approximately 7 meters in a direct line from the indoor unit in an area 45° to the left and right of the unit. However, illumination such as fluorescent lights and strong light can affect the ability of the indoor unit to receive signals.
- If the operation lamp near the receiver on the indoor unit is flashing, the unit needs to be inspected. Consult your dealer for service.
- Handle the remote controller carefully. Do not drop the remote controller or subject it to strong shocks. In addition, do not get the remote controller wet or leave it in a location with high humidity.
- To avoid misplacing the remote controller, install the holder included with the remote controller on a wall and be sure to always place the remote controller in the holder after use.

Battery installation/replacement

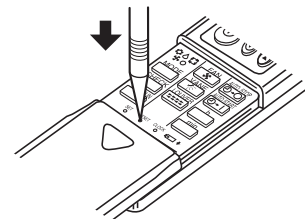
1. Remove the top cover, insert two AAA batteries, and then install the top cover.



Top cover

Two AAA batteries
Insert the negative (-) end of each battery first. Install the batteries in the correct directions (+, -).

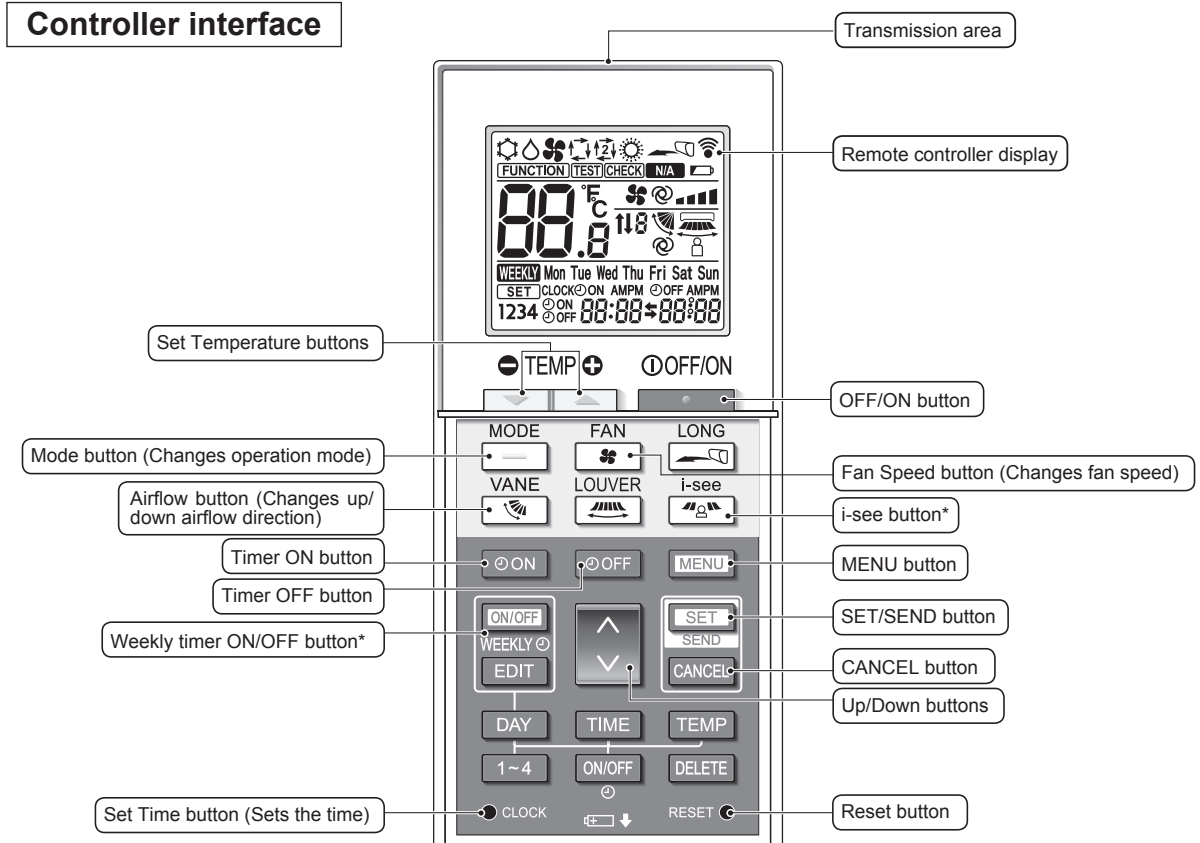
2. Press the Reset button



Press the Reset button with an object that has a narrow end.

[PAR-SL101A-E]

When cover is open



Note:
* This button is enabled or disabled depending on the model of the indoor unit.

Display

Operation mode

- Cool (snowflake icon)
- Dry (water drop icon)
- Fan (fan icon)
- Auto (single set point) (fan with circular arrow icon)
- Heat (sun icon)
- Auto* (dual set point) (fan with circular arrow and two dots icon)

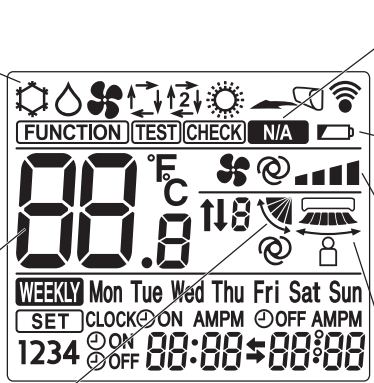
* Refer to 5.4. in the installation manual.

Temperature setting

The units of temperature can be changed. For details, refer to the Installation Manual.

Vane setting

Step 1 Step 2 Step 3 Step 4 Step 5 Swing Auto



Not available
Appears when a non-supported function is selected.

Battery replacement indicator
Appears when the remaining battery power is low.

Fan speed setting The symbols differ depending on models.

Auto

3D i-see sensor (Air distribution)

Default Direct Indirect

When Direct or Indirect is selected, the vane setting is set to "Auto".

FLOOR STANDING REMOTE CONTROLLER

B.4 OUTDOOR UNIT (SUZ)

B.4.1	OUTLINES AND DIMENSIONS	B-118
	B.4.1.1 R32 type	B-118
	B.4.1.2 R410A type	B-121
B.4.2	WIRING DIAGRAM.....	B-123
	B.4.2.1 R32 type	B-123
	B.4.2.2 R410A type	B-127
B.4.3	REFRIGERANT SYSTEM DIAGRAM	B-130
	B.4.3.1 R32 type	B-130
	B.4.3.2 R410A type	B-132
B.4.4	PERFORMANCE CURVES	B-135
	B.4.4.1 R32 type	B-135
	B.4.4.2 R410A type	B-137
B.4.5	NOISE CRITERIA CURVES	B-139
	B.4.5.1 R32 type	B-139
	B.4.5.2 R410A type	B-140
B.4.6	CAPACITY CORRECTION RATIO CURVE PIPING LENGTH	B-141
	B.4.6.1 R32 type	B-141
	B.4.6.2 R410A type	B-142
B.4.7	EARTHQUAKE-PROOF STRENGTH ANALYSIS	B-143
	B.4.7.1 R32 type	B-143
	B.4.7.2 R410A type	B-148

B.4.1 OUTLINES AND DIMENSIONS

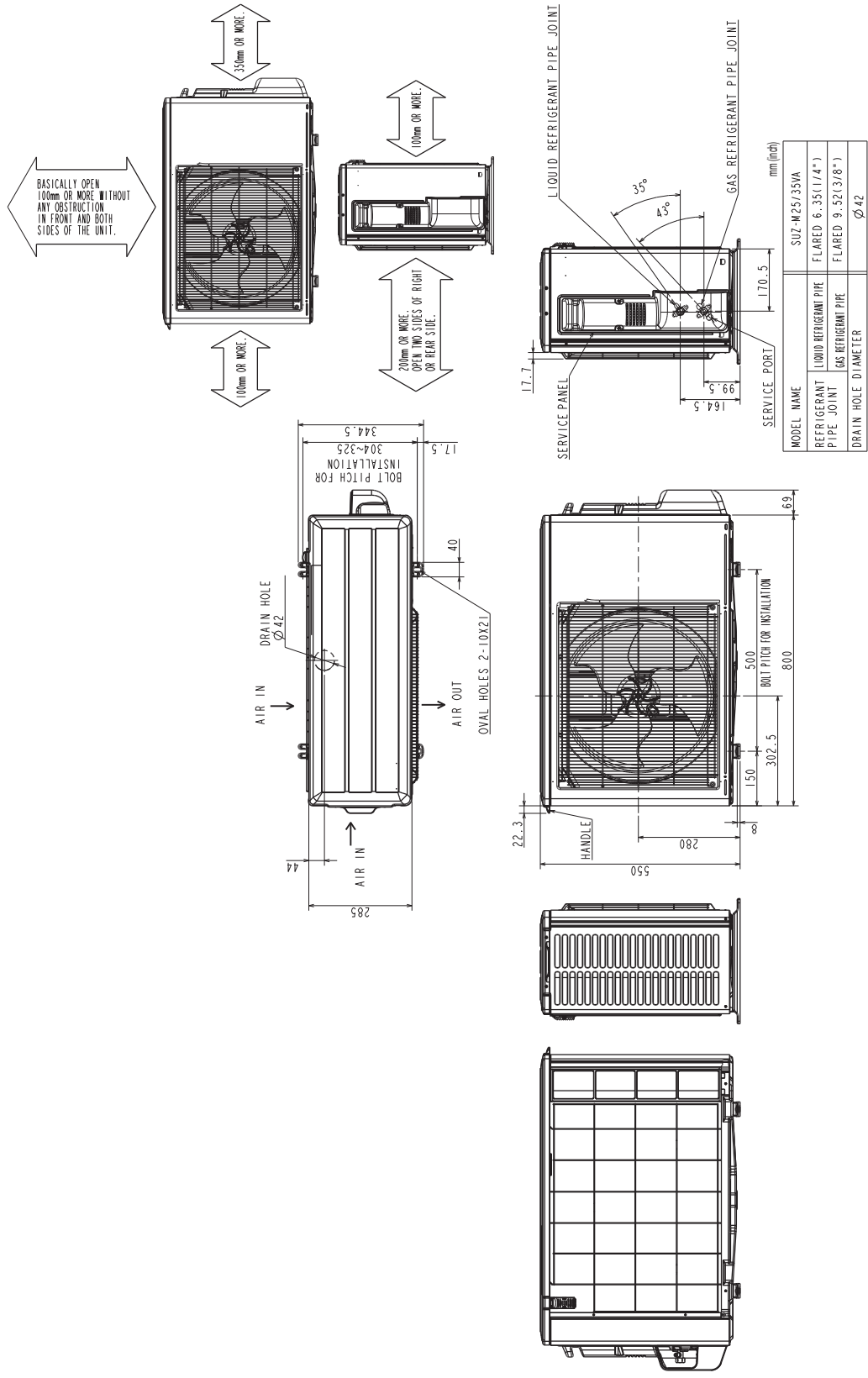
B.4.1.1 R32 type

Unit : mm

SUZ-M25VA

SUZ-M35VA

OUTDOOR UNIT

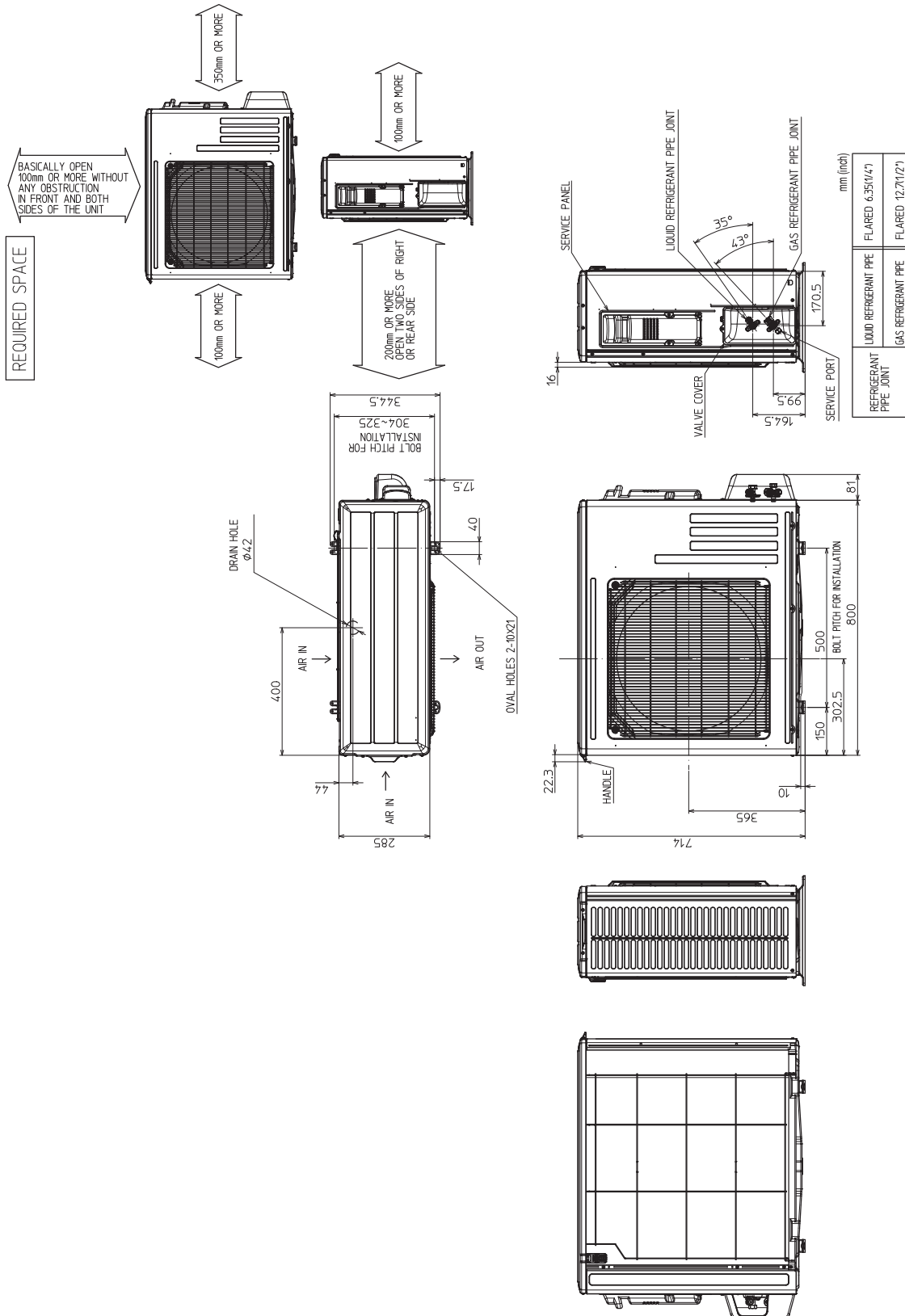


OUTDOOR UNIT OUTLINES AND DIMENSIONS

SUZ-M50VA

Unit: mm

OUTDOOR UNIT



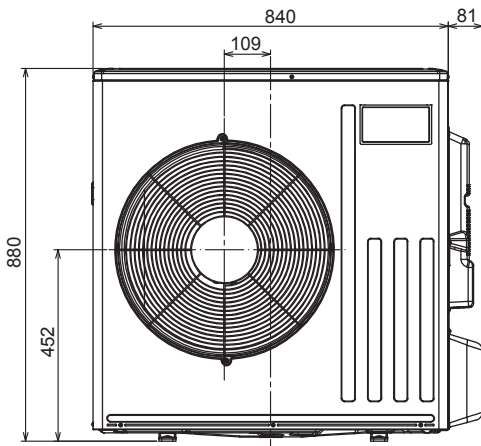
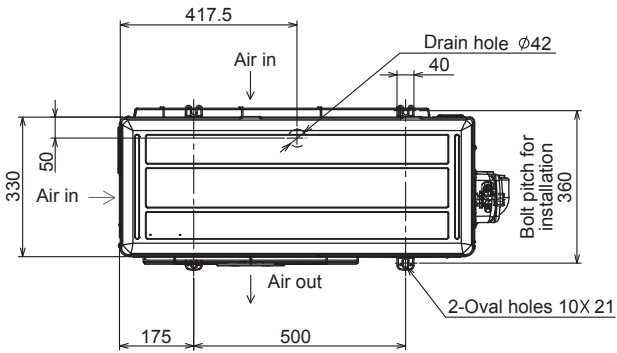
OUTDOOR UNIT

OUTLINES AND DIMENSIONS

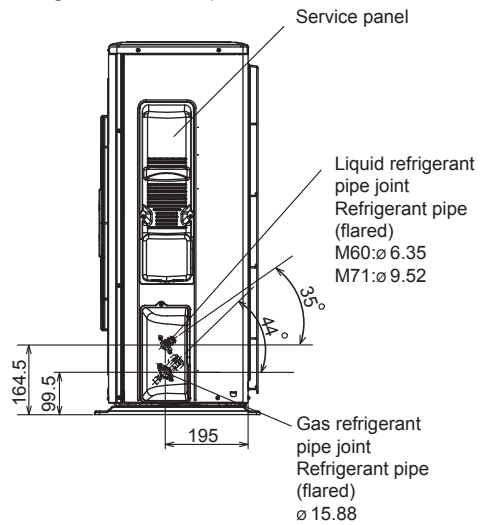
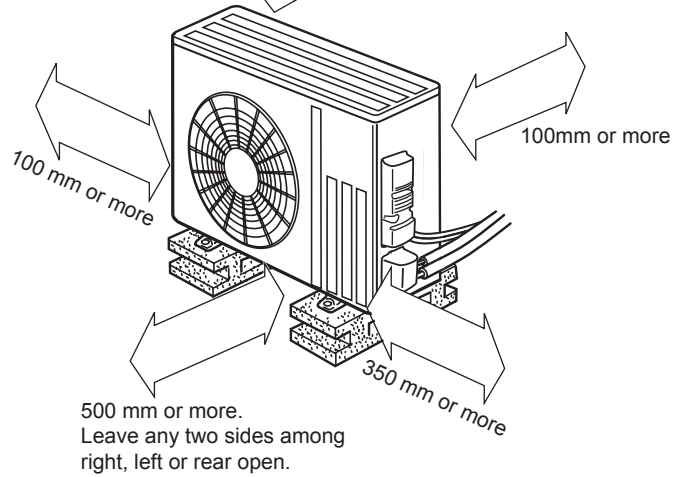
SUZ-M60VA
SUZ-M71VA

Unit: mm

OUTDOOR UNIT



REQUIRED SPACE
Basically, leave this space open.
Only if front and both sides are open,
leave 500 mm at minimum.



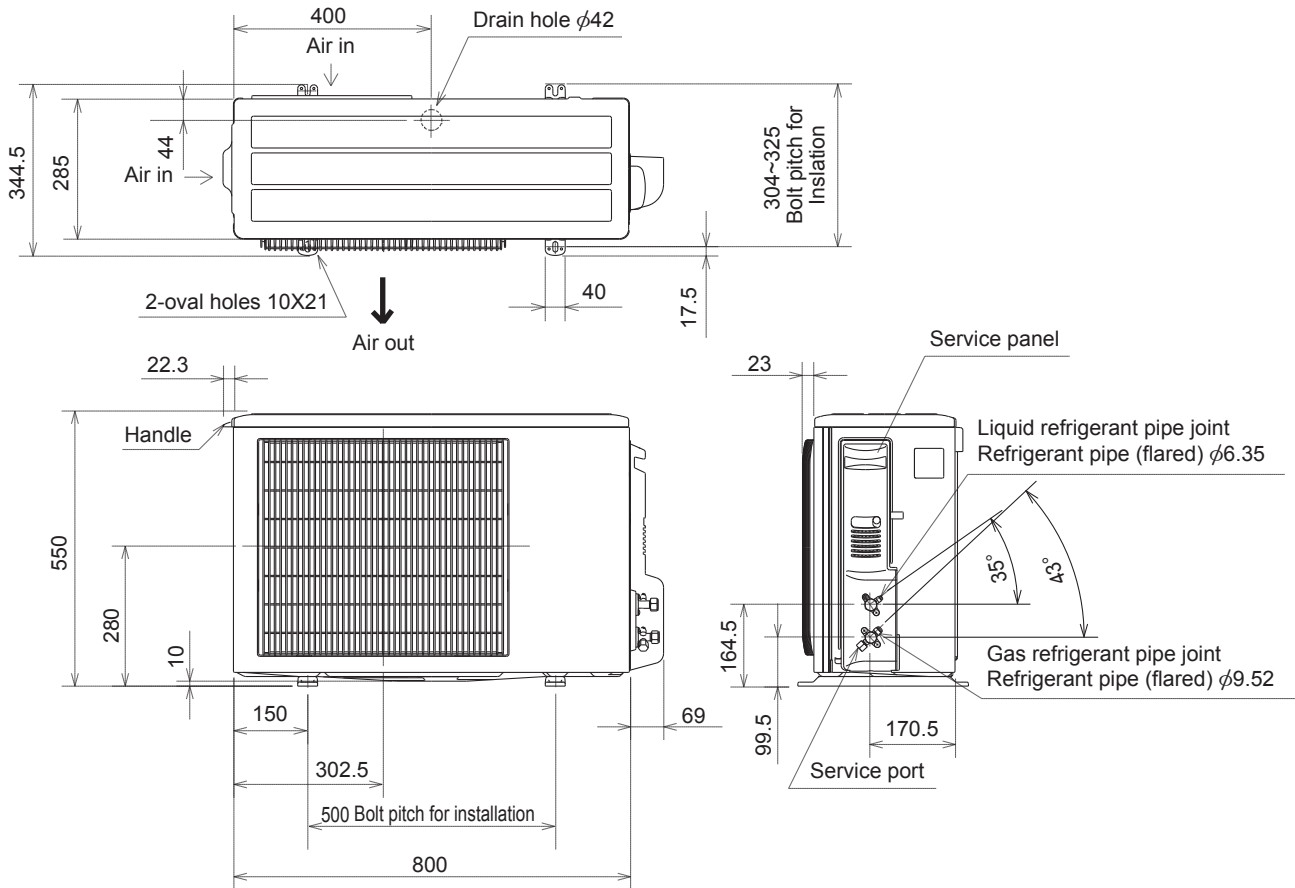
OUTDOOR UNIT
OUTLINES AND DIMENSIONS

B.4.1.2 R410A type

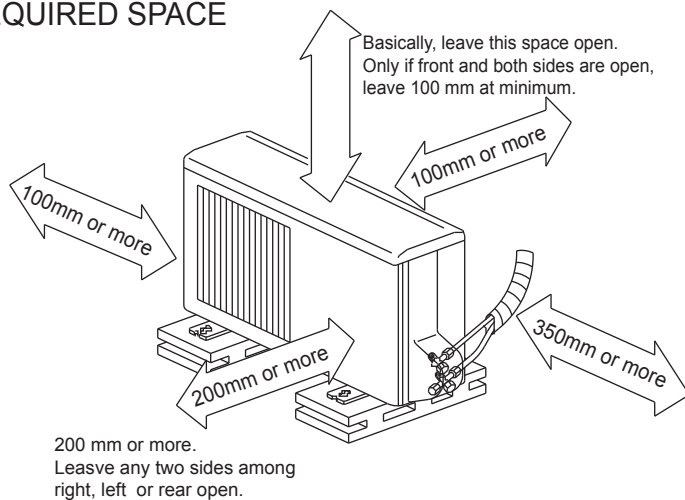
SUZ-KA25VA6
SUZ-KA35VA6

Unit : mm

OUTDOOR UNIT



REQUIRED SPACE

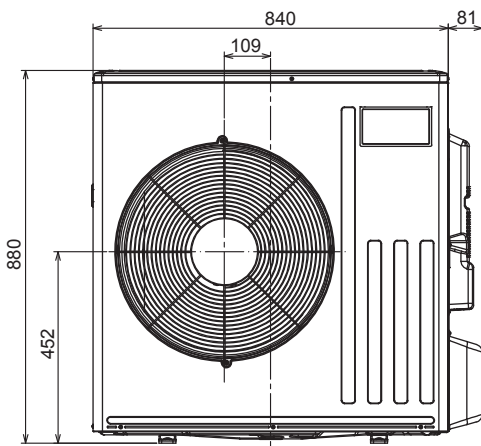
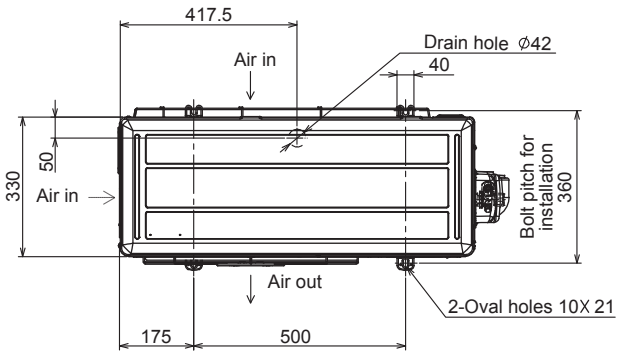


OUTDOOR UNIT
OUTLINES AND DIMENSIONS

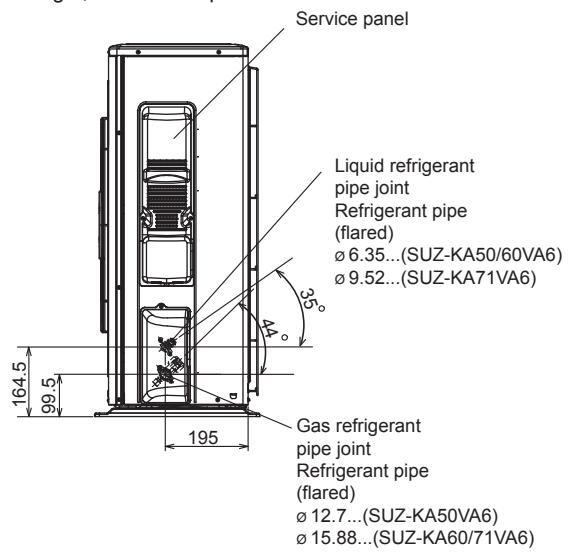
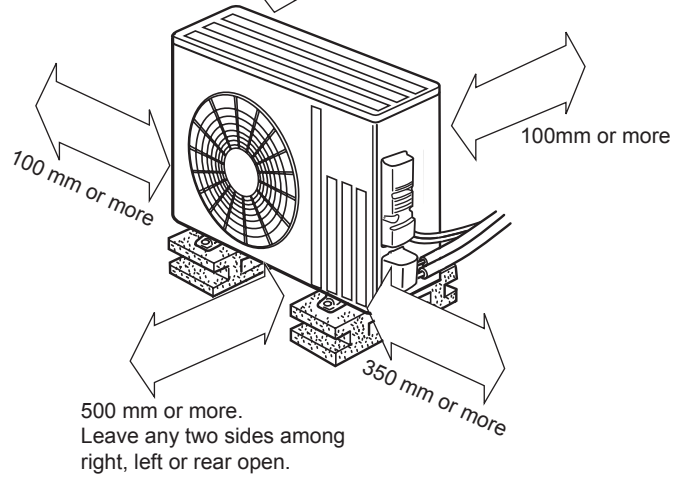
SUZ-KA50VA6
SUZ-KA60VA6
SUZ-KA71VA6

Unit: mm

OUTDOOR UNIT



REQUIRED SPACE
 Basically, leave this space open.
 Only if front and both sides are open,
 leave 500 mm at minimum.

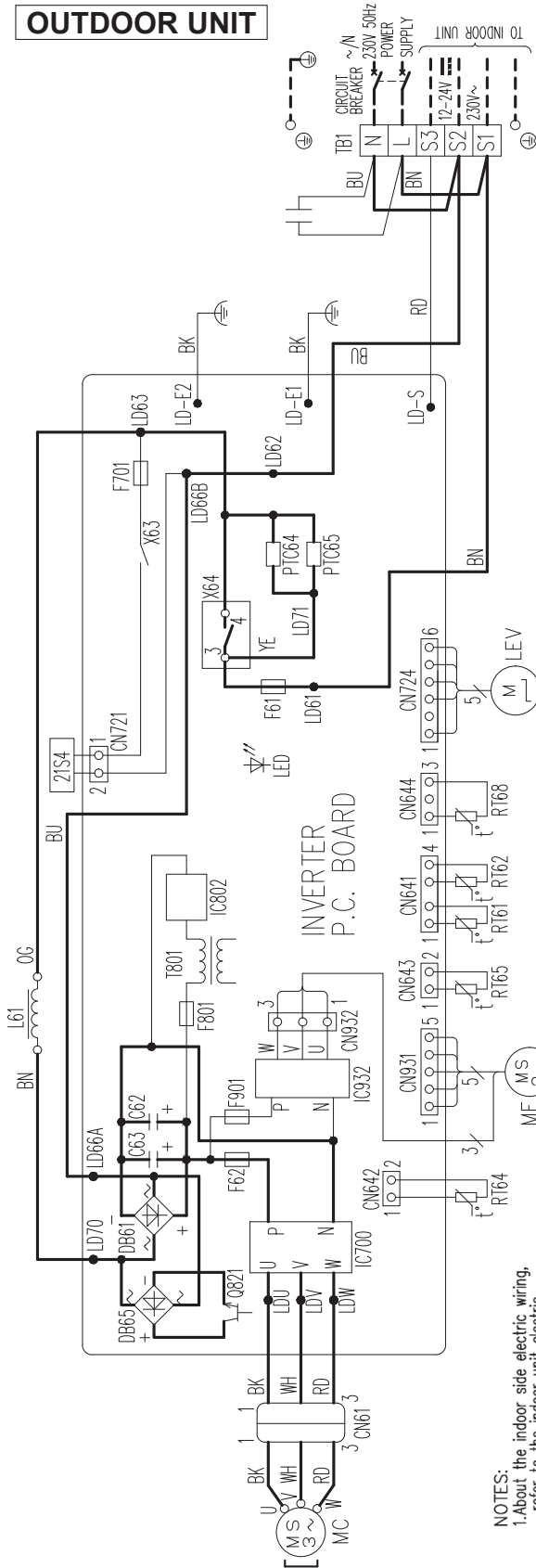


B.4.2 WIRING DIAGRAM

B.4.2.1 R32 type

SUZ-M25VA

OUTDOOR UNIT



- NOTES:**
- About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 - Use copper supply wires.
 - Symbols indicate, : Terminal block : Connector

Troubleshooting When LED blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Recount compressor connector 3. Check compressor 4. Check stop valve
Once	Abnormality in outdoor thermostat	Check thermostat including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Recount compressor connector 3. Check compressor 4. Check stop valve
3 times	Protection for overheat of discharge temperature	1. Charge refrigerant 2. Check expansion valve
4 times	Protection for overheat of in temperature/INVERTER P.C. BOARD temperature	1. Check air circulation in outdoor unit (Short cycle) 2. Check outdoor fan motor 3. Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1. Check refrigerant circuit (Clogging, etc.) 2. Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronization	1. Recount compressor connector 2. Check compressor 3. Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1. Recount connectors for fan motor 2. Check outdoor fan motor 3. Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
(Example) When the blinking frequency is "twice" OFF 2.5-second OFF 2.5-second OFF 0.5-second ON 0.5-second ON

* For details, refer to the appropriate SERVICE MANUAL.

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between its plus (+) and minus (-) terminals when measured with a tester ten minutes after the power has been turned off.

Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect the iron plug to let the electric charge discharge.

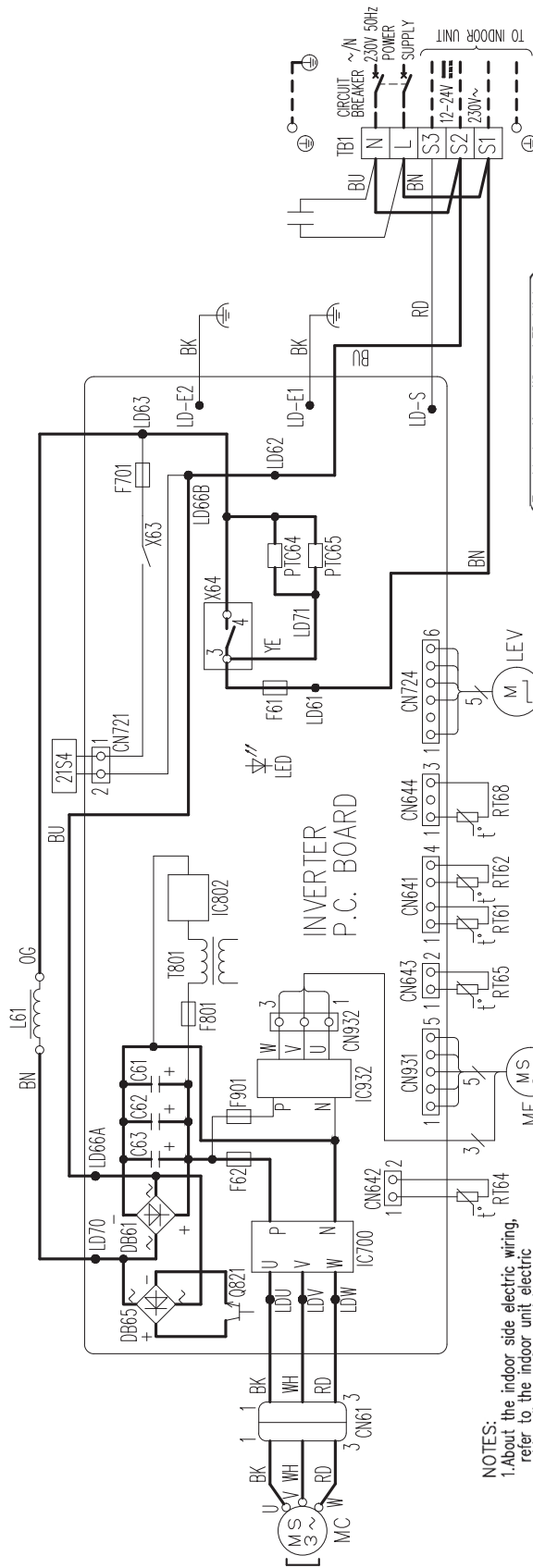
(One Point Checking for Inverter)

Item	Symptom	Corresponds
① Power supply	No 230V AC between S1 and S2	The check of wiring of connecting the indoor unit and outdoor unit
② Fuse	Blown	Repl the INVERTER P.C. BOARD
③ Power for main circuit	No 325V DC between P and N of IC700	Repl the INVERTER P.C. BOARD
④ Inverter output	Voltages (AC) between wires (U, V, W) differ when the unit is operated with CN61 disconnected	1. Check the connector is connected certainly 2. Repl the INVERTER P.C. BOARD
⑤ LED display (in case that compressor is not in operation)	Lit	Normal
	Blinking	Abnormal or protective shutdown. (Refer to Troubleshooting When LED blinks* mentioned in right)
	Goes out	Repl the INVERTER P.C. BOARD

SUZ-M35VA

OUTDOOR UNIT

WIRING DIAGRAM



NOTES:

- About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
- Use copper supply wires.
- Symbols indicate, : Terminal block, : Connector

Troubleshooting When LED blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
D865, D861	DIODE MODULE	MC	COMPRESSOR	TB1	TEMP. THERMISTOR
F61	FUSE (25A 250V)	MF	FAN MOTOR	X63	TERMINAL BLOCK
F62	FUSE (15A 250V)	PT064, PT065	CIRCUIT PROTECTION	Y64	RELAY
F701, F901	FUSE (15A 250V)	IC700, IC932	SWITCHING POWER TRANSFORMER	Z1S4	RELAY
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR		REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FAN TEMP. THERMISTOR		

(Safety Precautions in Servicing Electrical Parts)

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between its plus (+) and minus (-) terminals when measured with a tester ten minutes after the power has been turned off.

Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor, resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect the plus (+) and minus (-) terminals with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

(One Point Checking for Inverter)

Item	Symptom	Corresponds
① Power supply	No 230V AC between S1 and S2 of TERMINAL BLOCK	The check of wiring of connecting the indoor unit and outdoor unit
② Fuse	Blown	Repl. on the INVERTER P.C. BOARD
③ Power for main circuit	No 325V DC between P and N of IC700	Repl. on the INVERTER P.C. BOARD
④ Inverter output	Voltages (AC) between wires (U, V, W) differ when the unit is operated with CN61 disconnected	1. Check the connector is connected certainly 2. Repl. on the INVERTER P.C. BOARD
LED display (in case that compressor is not in operation)	Lit	Normal
	Blinking	Abnormal or protective shutdown (Refer to Troubleshooting When LED blinks* mentioned in right)
	Goes out	Repl. on the INVERTER P.C. BOARD

Blinking frequency of LED on the INVERTER P.C. BOARD of the outdoor unit	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
3 times	Protection for overheat of discharge temperature	1. Check refrigerant 2. Check expansion valve
4 times	Protection for overheat of fan temperature/INVERTER P.C. BOARD temperature	1. Check air circulation in outdoor unit (Short cycle) 2. Check outdoor fan motor 3. Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1. Check refrigerant circuit (Glogging, etc.) 2. Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD
8 times	Abnormality of compressor synchronization	1. Reconnect compressor connector 2. Check compressor and outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1. Reconnect connectors for fan motor 2. Check outdoor fan motor 3. Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

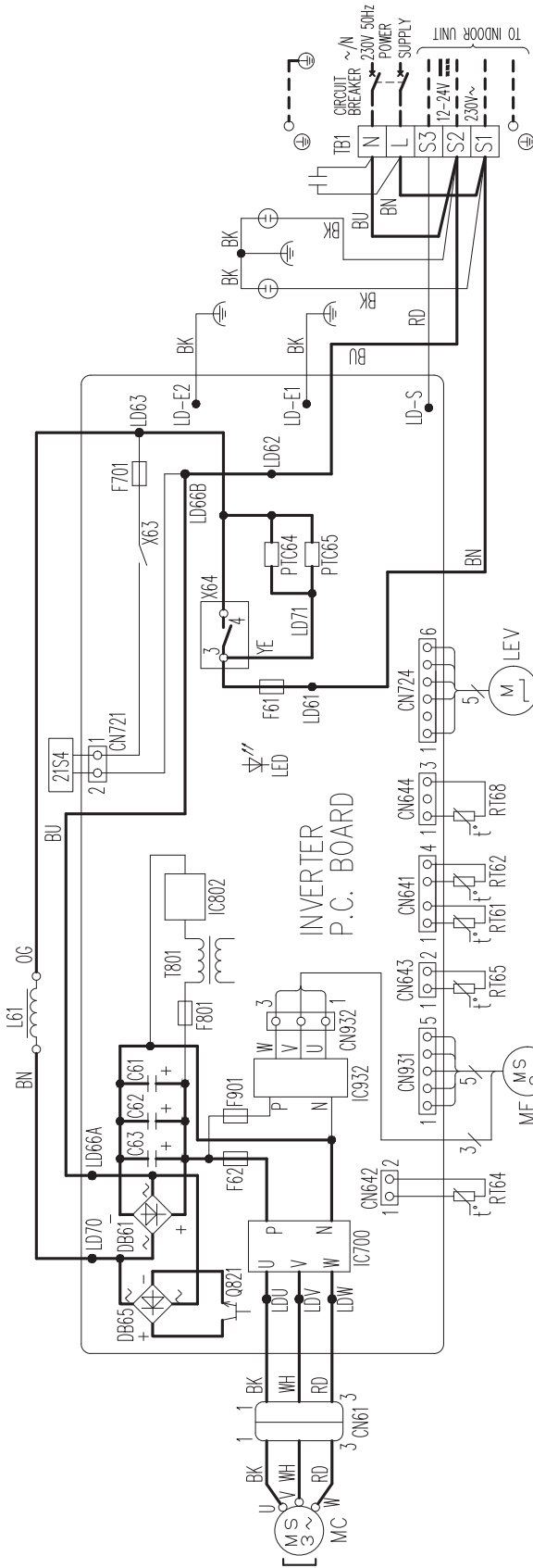
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.

(Example) When the blinking frequency is "twice"
ON OFF 2.5-second OFF OFF 2.5-second OFF ON 0.5-second ON

* For details, refer to the appropriate SERVICE MANUAL.

SUZ-M50VA

OUTDOOR UNIT

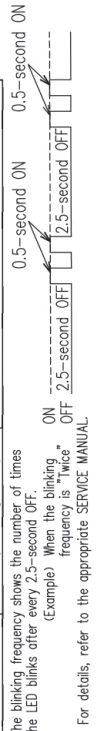


- NOTES:**
- About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 - Use copper supply wires.
 - Symbols indicate:
 - Terminal block
 - Connector

Troubleshooting When LED blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the outdoor unit	Symptom	Troubleshooting
Once	Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Once	Abnormality in outdoor thermostat	Check thermostat including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check refrigerant 4. Check stop valve
3 times	Protection for overheat of discharge temperature	1. Check refrigerant 2. Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1. Check air circulation in outdoor unit (Short cycle) 2. Check outdoor fan motor 3. Check obstruction in air line/outlet of outdoor unit
5 times	Protection for rising of high pressure	1. Check refrigerant circuit (Bogging, etc.) 2. Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor speed	1. Reconnect compressor connector 2. Check compressor 3. Check INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1. Reconnect connectors for fan motor 2. Check outdoor fan motor 3. Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL



* For details, refer to the appropriate SERVICE MANUAL.

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between its plus (+) and minus (-) terminals when measured with a tester ten minutes after the power has been turned off.

Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect the plus (+) and minus (-) terminals with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

(One Point Checking for Inverter)

Item	Symptom	Corresponds
① Power supply	No 230V AC between S1 and S2	The check of wiring of connecting the indoor unit and outdoor unit
② Fuse	Blown	Replace the INVERTER P.C. BOARD
③ Power for main circuit	No 325 VDC between P and N of IC700	Replace the INVERTER P.C. BOARD
④ Inverter output	Voltages (AC) between wires (U, V, W) differ when the unit is operated with CN61 disconnected	1. Check the connector is connected certainly 2. Replace the INVERTER P.C. BOARD
⑤ LED display (In case that compressor is not in operation)	Lit	Normal
	Blinking	Abnormal or protective shutdown (Refer to Troubleshooting When LED blinks mentioned in right.)
	Goes out	Replace the INVERTER P.C. BOARD

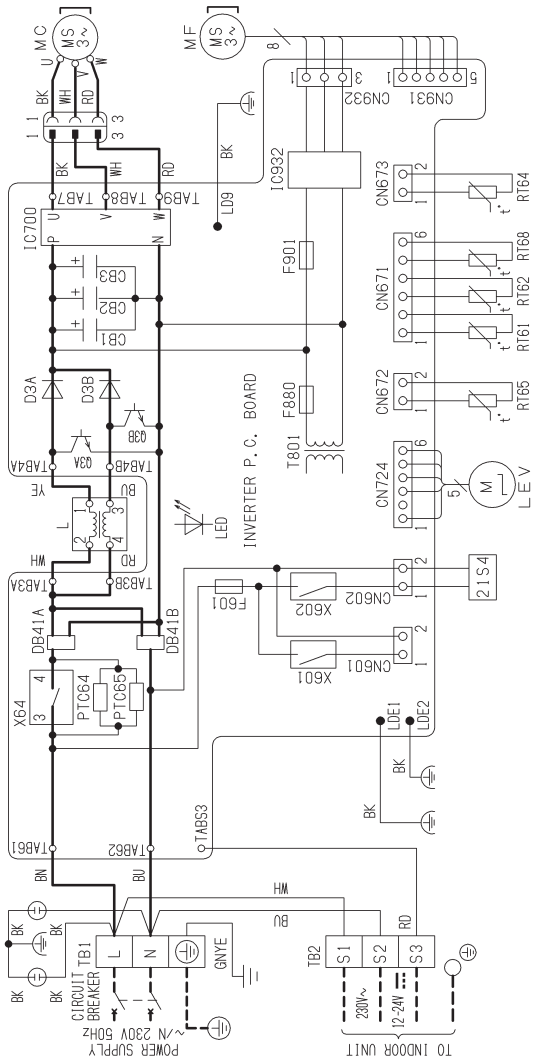
OUTDOOR UNIT

WIRING DIAGRAM

SUZ-M60VA
SUZ-M71VA

OUTDOOR UNIT

WIRING DIAGRAM
OUTDOOR UNIT



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1, CB2, CB3	SMOOTHING CAPACITOR	REACTOR	NAME	SYMBOL	NAME
DB41A, DB41B	DIODE MODULE	LED	RT61	DEFROST THERMISTOR	T801
D3A, D3B	DIODE	LED	RT62	DISCHARGE TEMP. THERMISTOR	X64
F601	FUSE (13, 15A/250V)	MC	LEV	EXPANSION VALVE COIL	X601, X602
F800	FUSE (13, 15A/250V)	MF	RT65	AMBIENT TEMP. THERMISTOR	2154
F901	FUSE (13, 15A/250V)	PTC84, PTC85	CIRCUIT PROTECTION	OUTDOOR HEAT EXCHANGER	RT68
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit

Symptom	Corresponds
Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD 1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Protection for overheat of discharge temperature	1. Charge refrigerant 2. Check expansion valve
Protection for overheat of fin temperature/INVERTER P.C. BOARD	1. Check air circulation in outdoor unit (short cycle) 2. Check outdoor fan motor 3. Check obstruction in air inlet/outlet of outdoor unit
Protection for raising of high pressure	1. Check refrigerant circuit (clogging etc.) 2. Check stop valve
Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
Abnormality of compressor synchronism	1. Reconnect compressor connector 2. Check compressor 3. Check outdoor INVERTER P.C. BOARD
Abnormality of outdoor fan motor	1. Reconnect connectors for fan motor 2. Check outdoor INVERTER P.C. BOARD 3. Check outdoor fan motor
Protection for stop valve (closed valve)	Check stop valve
Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
Abnormality in refrigerant system	1. Refer to SERVICE MANUAL 0.5-second ON 2. 5-second OFF

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its sometimes charging part (not only the electrolytic capacitor), resulting in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P(+) and N(-) terminals of IC700 with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

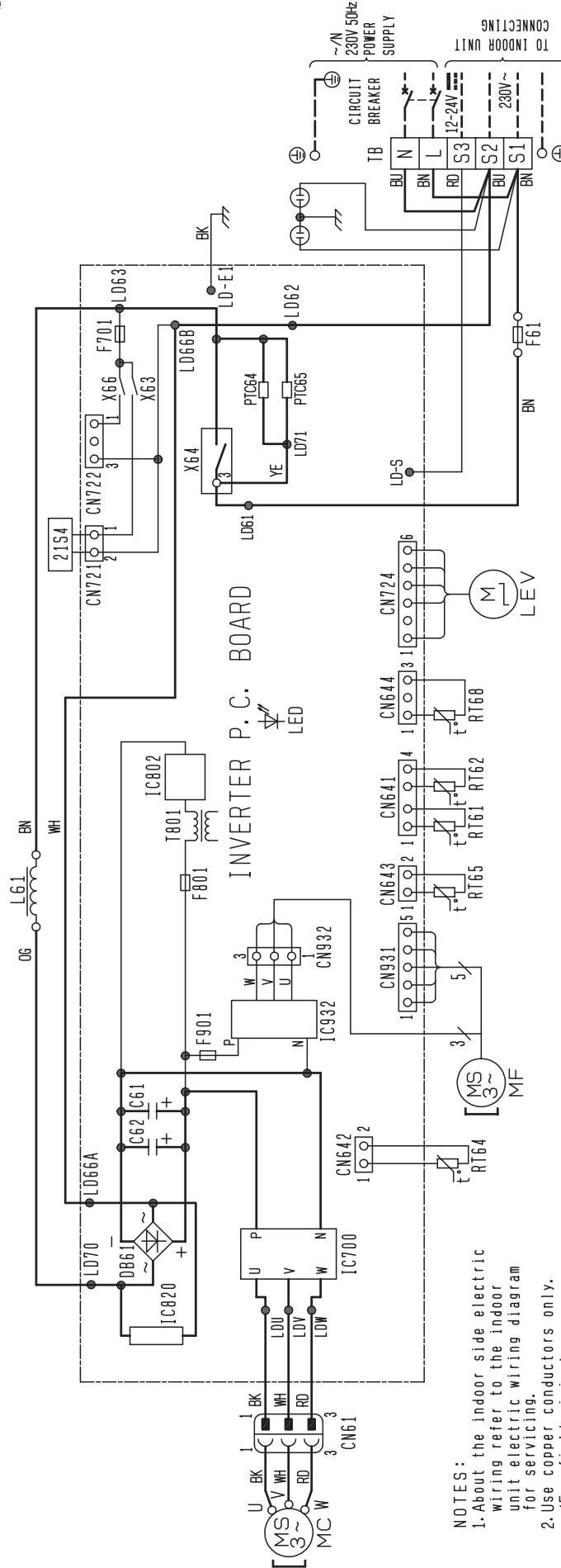
Item	Symptom	Check point
1	Power supply There is no 230V AC power between terminals [L] and [N].	Check the power supply cable.
2	Fuse The fuse has blown.	Replace the INVERTER P.C. BOARD.
3	Power for main circuit There is no 325V DC Power between pins P(+) and N(-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
4	Inverter output AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the INVERTER P.C. BOARD.
5	LED display Flashing (white compressor is not in operation), Goes out	Normal Abnormality or stop due to protective function (refer to "Troubleshooting When LED Blinks" shown below.) Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

* For details, refer to the appropriate service manual.

B.4.2.2 R410A type

SUZ-KA25VA6
SUZ-KA35VA6

OUTDOOR UNIT



NOTES:
1. About the indoor side electric wiring refer to the indoor unit electric wiring diagram for servicing.
2. Use copper conductors only. (for field wiring).

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
G61.C62	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR.
DB61	DIODE MODULE	MC	COMPRESSOR	TB	TERMINAL BLOCK
F61	FUSE (T20AL250V)	MF	FAN MOTOR	T801	TRANSFORMER
F701, F801, F901	FUSE (T3.15AL250V)	PTC64, PTC65	CIRCUIT PROTECTION	X63, X64, X66	RELAY
IC700, IC820, IC932	POWER MODULE	RT61	DEFROST THERMISTOR	215A	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	F IN TEMP. THERMISTOR		
LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR		

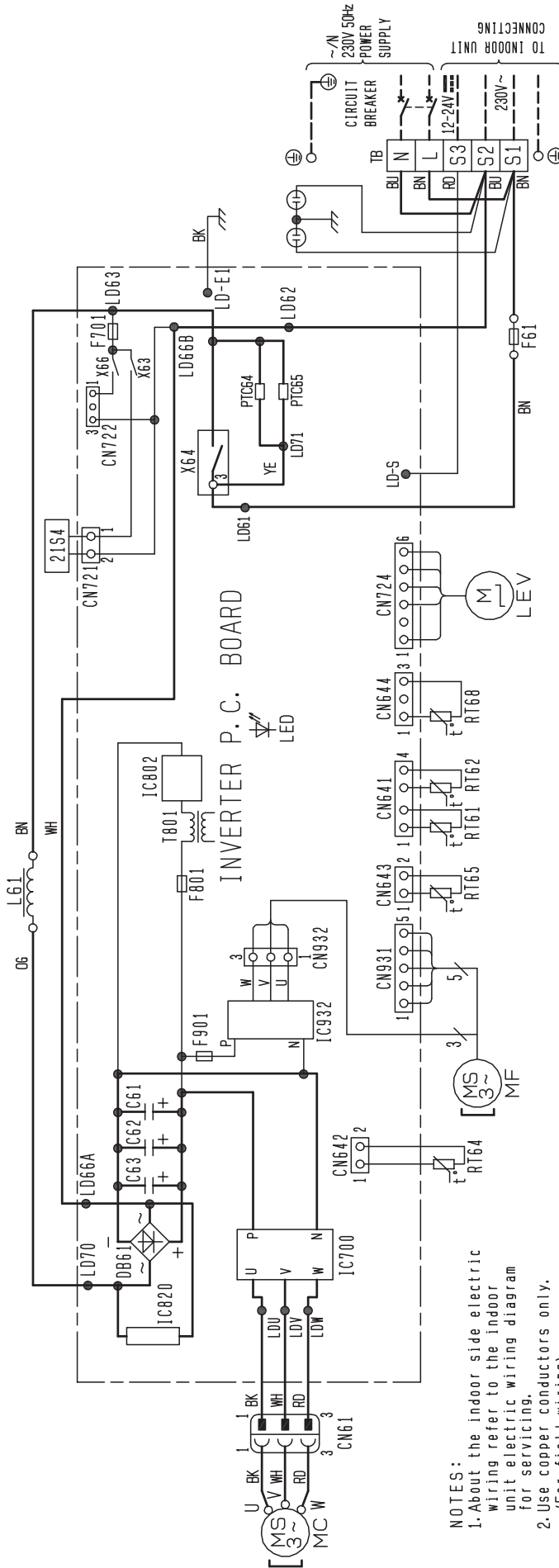
OUTDOOR UNIT

WIRING DIAGRAM

SUZ-KA50VA6

OUTDOOR UNIT

OUTDOOR UNIT
WIRING DIAGRAM



- NOTES:
1. About the indoor side electric wiring refer to the indoor unit electric wiring diagram for servicing.
 2. Use copper conductors only. (For field wiring).

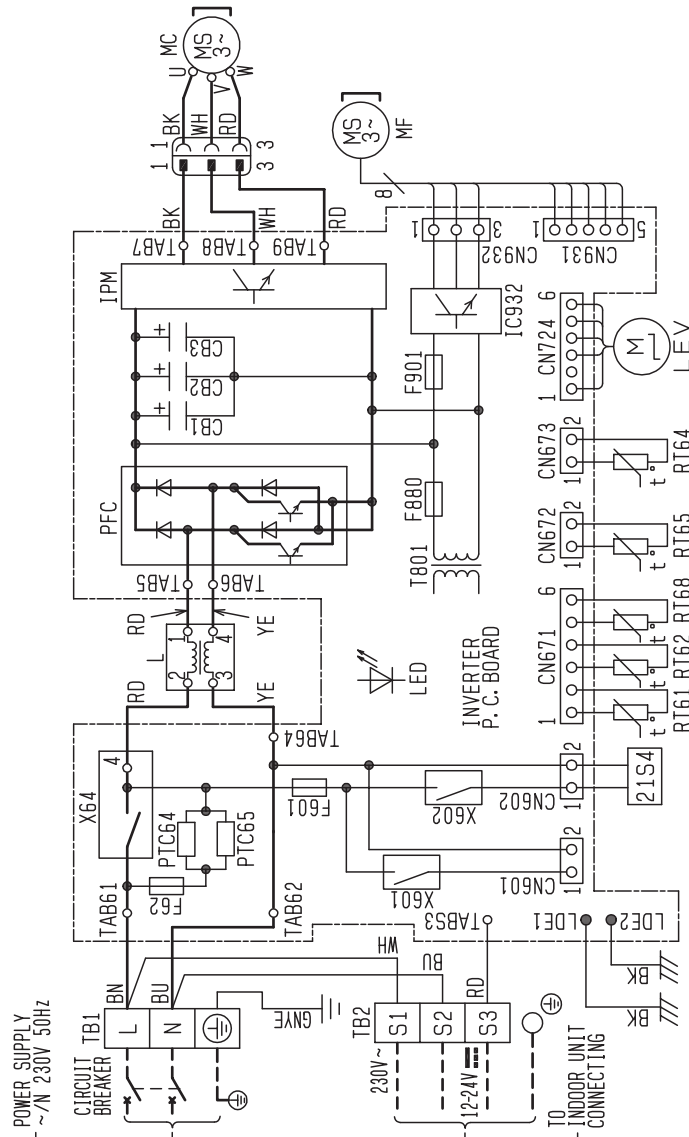
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR.
DB61	DIODE MODULE	MC	COMPRESSOR	TB	TERMINAL BLOCK
F61	FUSE (T20AL250V)	MF	FAN MOTOR	T801	TRANSFORMER
F701, F801, F901	FUSE (T3.15AL250V)	PTC64, PTC65	CIRCUIT PROTECTION	X63, X64, X66	RELAY
IC700, IC801, IC802	POWER MODULE	RT61	DEFROST THERMISTOR	21S4	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		
LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR		

SUZ-KA60VA6
SUZ-KA71VA6

OUTDOOR UNIT

SYMBOL	NAME	SYMBOL	NAME
CB1~3	SMOOTHING CAPACITOR	PTC65	CIRCUIT PROTECTION
F601	FUSE (T3.15A/250V)	RT61	DEFROST THERMISTOR
F62	FUSE (T2A/250V)	RT62	DISCHARGE TEMP.THERMISTOR
F880	FUSE (T3.15A/250V)	RT64	FIN TEMP. THERMISTOR
F901	FUSE (T3.15A/250V)	RT65	AMBIENT TEMP. THERMISTOR
IC932	INTELLIGENT POWER MODULE	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
IPM	INTELLIGENT POWER MODULE	TB1, TB2	TERMINAL BLOCK
L	REACTOR	T801	TRANSFORMER
LEV	EXPANSION VALVE COIL	X601	RELAY
MC	COMPRESSOR	X602	RELAY
MF	FAN MOTOR	X64	RELAY
PFC	POWER FACTOR CONTROLLER	21S4	REVERSING VALVE SOLENOID COIL
PTC64	CIRCUIT PROTECTION		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2. Use copper conductors only for field wiring.
3. Symbols indicate: □: Terminal block



OUTDOOR UNIT

WIRING DIAGRAM

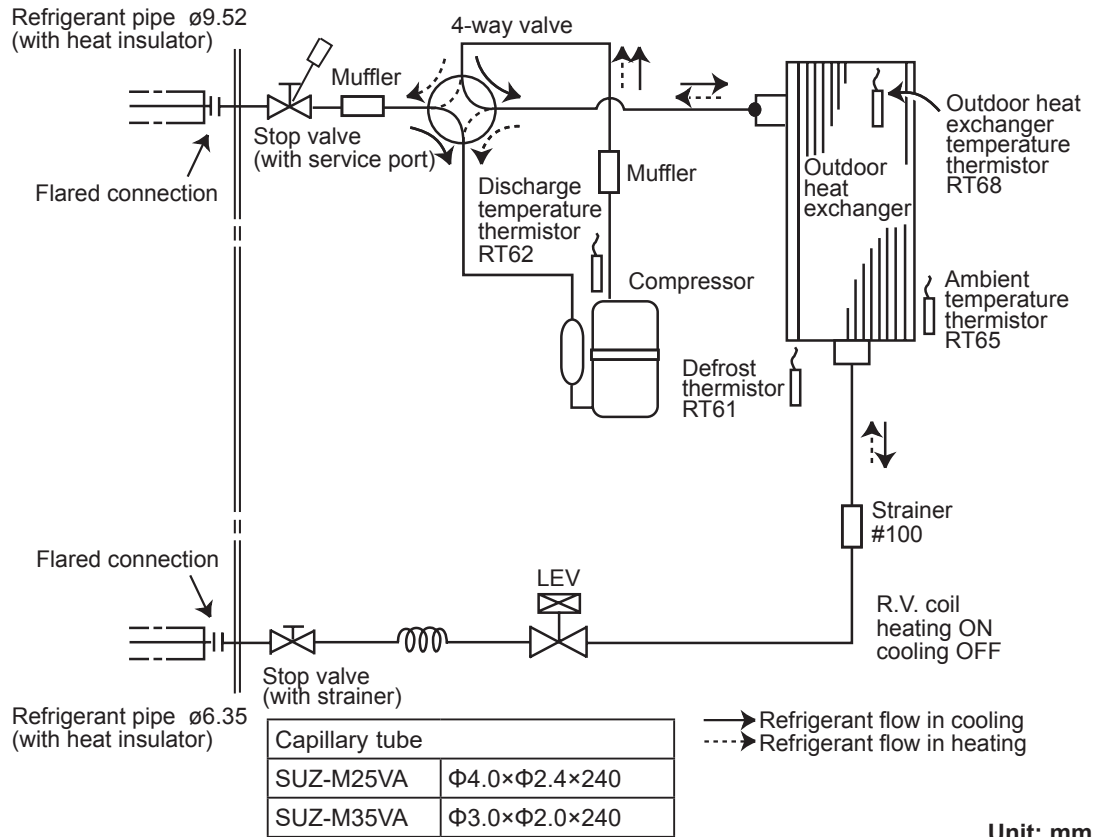
B.4.3 REFRIGERANT SYSTEM DIAGRAM

B.4.3.1 R32 type

SUZ-M25VA
SUZ-M35VA

Unit: mm

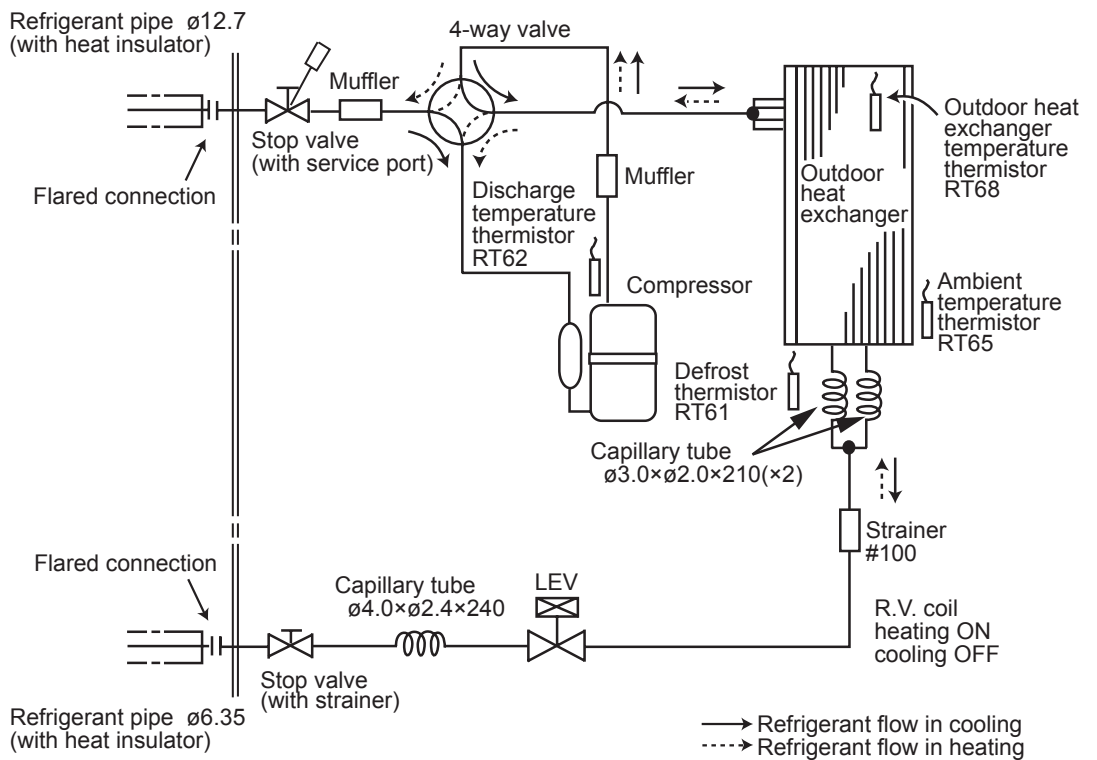
OUTDOOR UNIT



SUZ-M50VA

Unit: mm

OUTDOOR UNIT

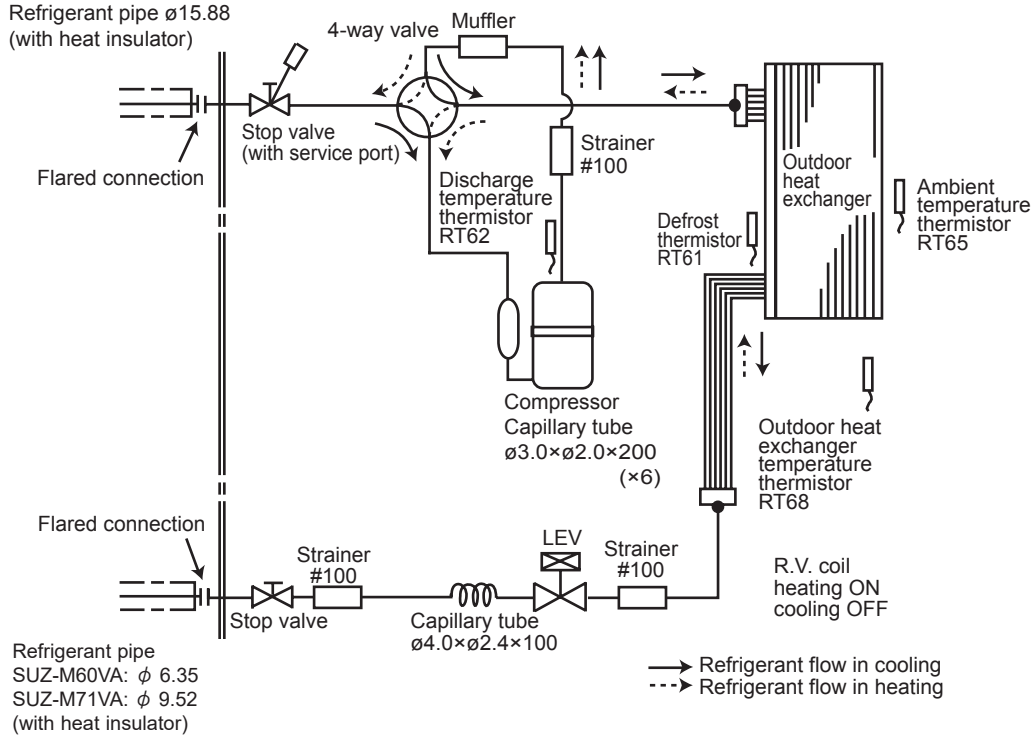


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

SUZ-M60VA
SUZ-M71VA

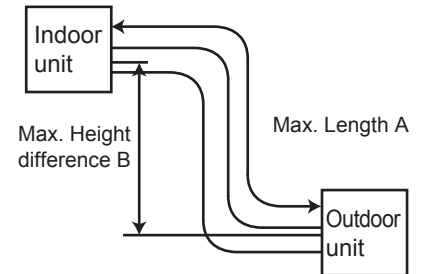
Unit: mm

OUTDOOR UNIT



MAX.REFRIGERANT PIPING LENGTH

Model	Refrigerant piping:m		Refrigerant piping:m	
	Max.LengthA	Max.Height difference B	Gas	Liquid
SUZ-M25VA	20	12	9.52	6.35
SUZ-M35VA				
SUZ-M50VA	30	30	12.7	9.52
SUZ-M60VA			15.88	
SUZ-M71VA				



ADDITIONAL REFRIGERANT CHARGE(R32:g)

Model	Out door unit precharged	Refrigerant piping length			
		7m	10m	15m	20m
SUZ-M25VA	650	0	60	160	260
SUZ-M35VA	900	0	60	160	260

Calculation: $xg=30g/mx(\text{Refrigerant piping leng}(m) -7)$

Model	Out door unit precharged	Refrigerant piping length					
		7m	10m	15m	20m	25m	30m
SUZ-M50VA	1,200	0	60	160	260	360	460
SUZ-M60VA	1,250	0	60	160	260	360	460

Calculation: $xg=20g/mx(\text{Refrigerant piping leng}(m) -7)$

Model	Out door unit precharged	Refrigerant piping length					
		7m	10m	15m	20m	25m	30m
SUZ-M71VA	1,450	0	120	320	520	720	920

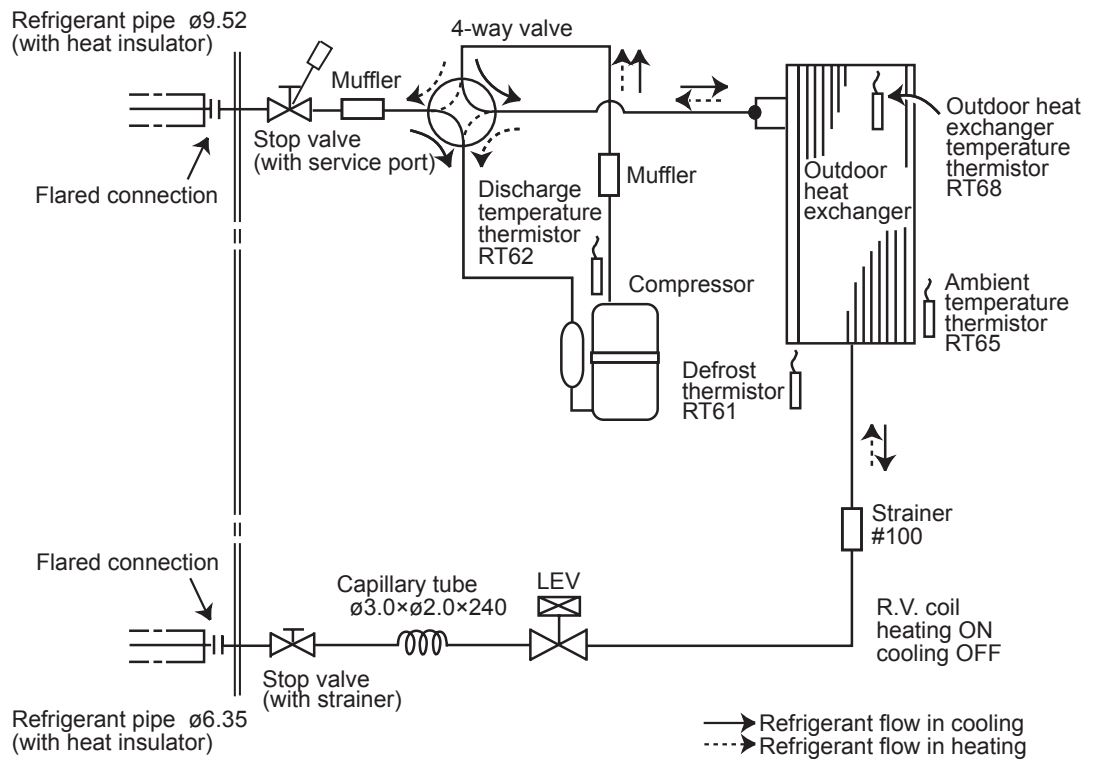
Calculation: $xg=55g/mx(\text{Refrigerant piping leng}(m) -7)$

B.4.3.2 R410A type

SUZ-KA25VA6

Unit: mm

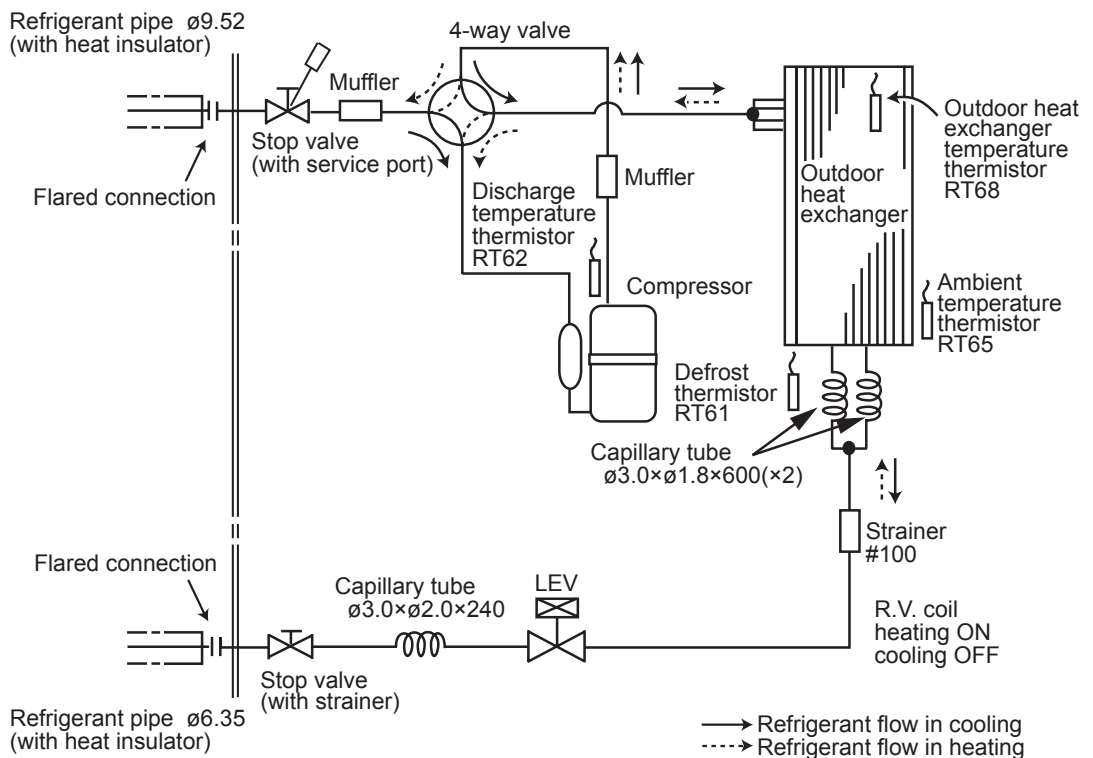
OUTDOOR UNIT



SUZ-KA35VA6

Unit: mm

OUTDOOR UNIT

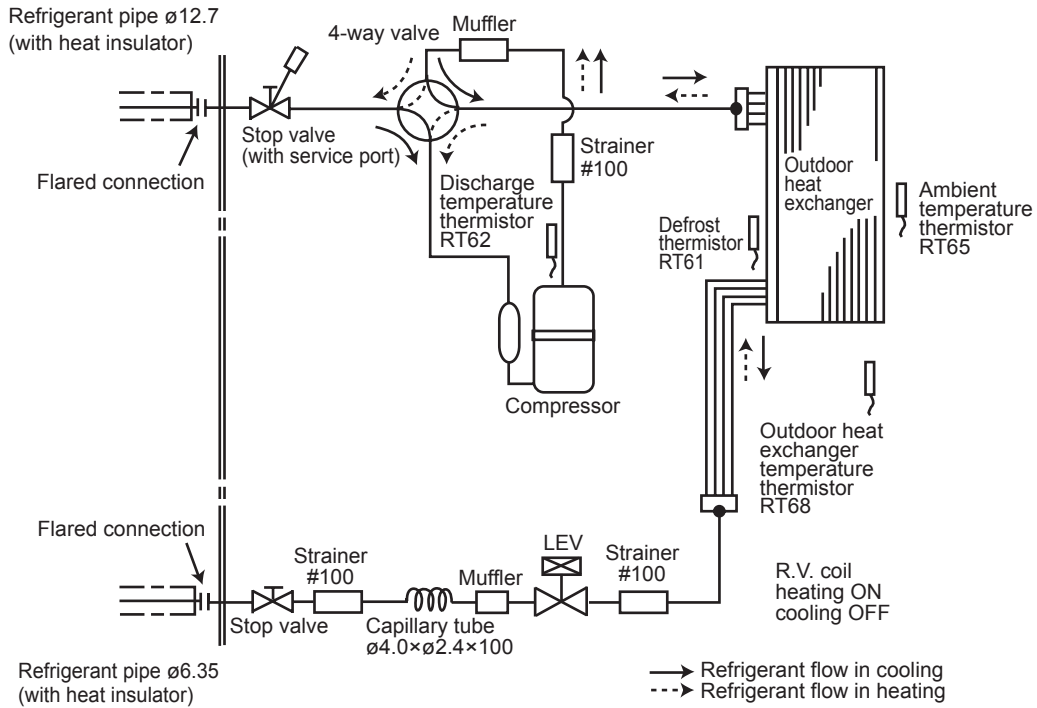


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

SUZ-KA50VA6

Unit: mm

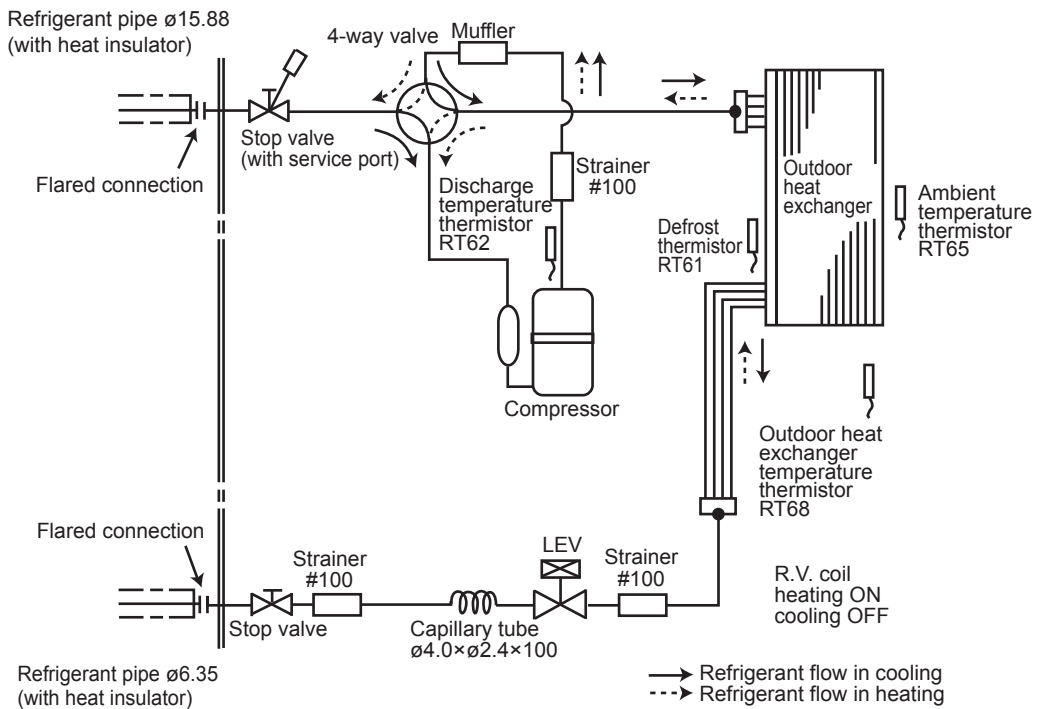
OUTDOOR UNIT



SUZ-KA60VA6

Unit: mm

OUTDOOR UNIT



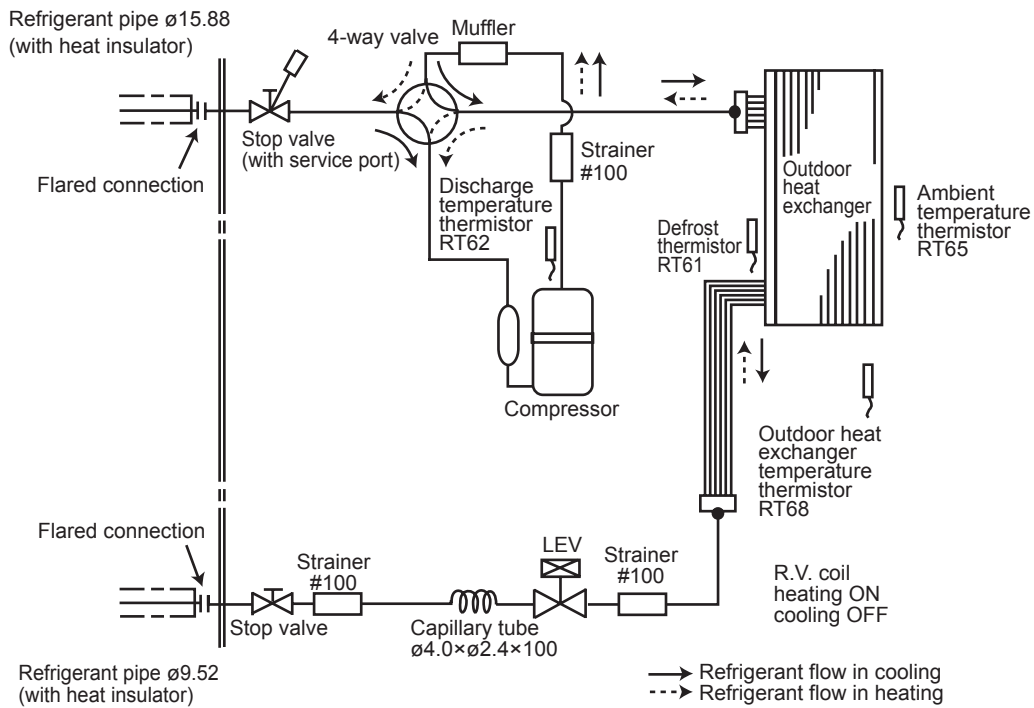
OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

SUZ-KA71VA6

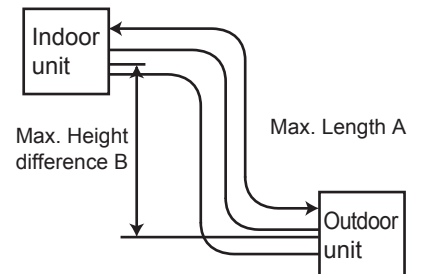
Unit: mm

OUTDOOR UNIT



MAX.REFRIGERANT PIPING LENGTH

Model	Refrigerant piping:m		Refrigerant piping:m	
	Max.LengthA	Max.Height difference B	Gas	Liquid
SUZ-KA25VA6	20	12	9.52	6.35
SUZ-KA35VA6				
SUZ-KA50VA6	30	30	12.7	9.52
SUZ-KA60VA6			15.88	
SUZ-KA71VA6				



ADDITINAL REFRIGERANT CHARGE(R32:g)

Model	Out door unit precharged	Refrigerant piping length									
		7m	8m	9m	10m	11m	12m	13m	14m	15m	20m
SUZ-KA25VA6	800	0	30	60	90	120	150	180	210	240	390
SUZ-KA35VA6	1,150	0	30	60	90	120	150	180	210	240	390

Calculation: $xg=20g/mx(\text{Refrigerant piping leng(m)} -7)$

Model	Out door unit precharged	Refrigerant piping length					
		7m	10m	15m	20m	25m	30m
SUZ-M50VA	1,600	0	60	160	260	360	460
SUZ-M60VA	1,600	0	60	160	260	360	460

Calculation: $xg=20g/mx(\text{Refrigerant piping leng(m)} -7)$

Model	Out door unit precharged	Refrigerant piping length					
		7m	10m	15m	20m	25m	30m
SUZ-KA71VA6	1,800	0	165	440	715	990	1,265

Calculation: $xg=55g/mx(\text{Refrigerant piping leng(m)} -7)$

OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

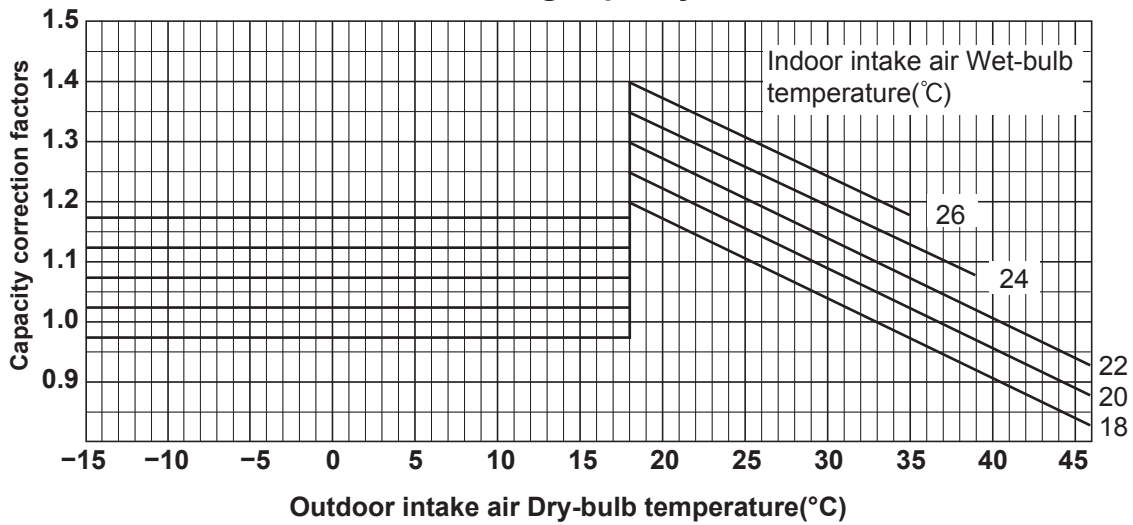
B.4.4 PERFORMANCE CURVES

B.4.4.1 R32 type

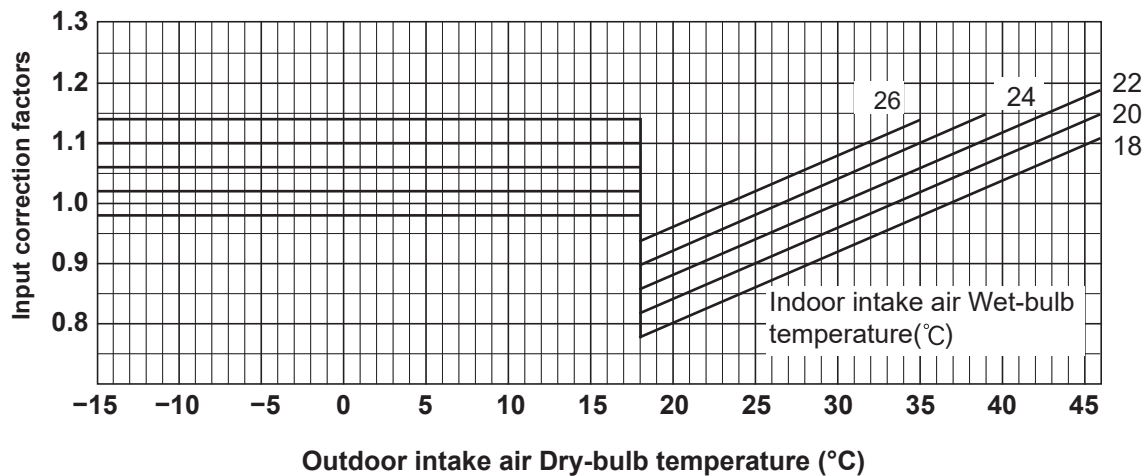
FOR THE COMBINATION OF OUTDOOR UNIT

SUZ-M25VA SUZ-M35VA SUZ-M50VA SUZ-M60VA SUZ-M71VA

Cooling capacity



Total input (Cooling)



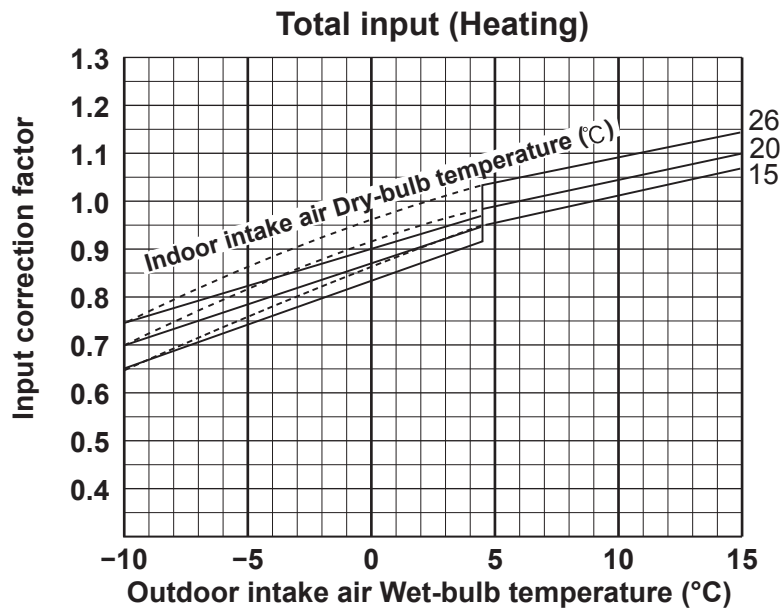
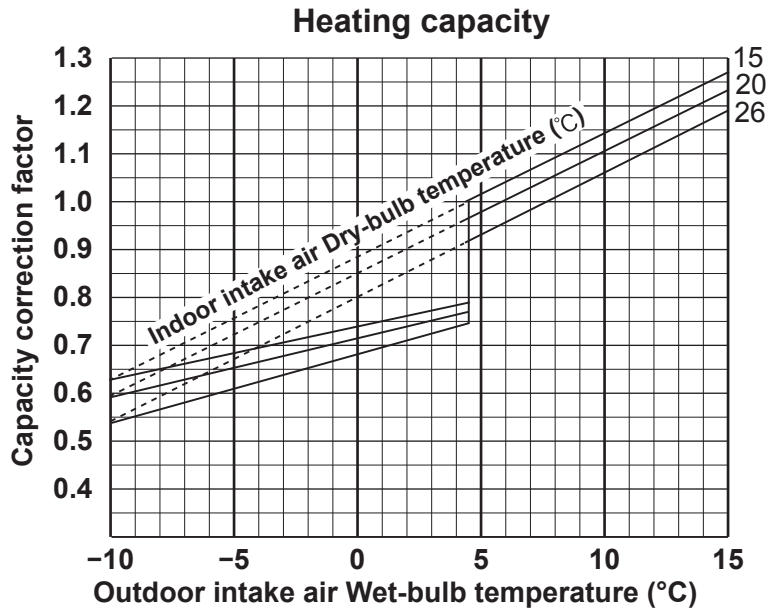
Lower limit of guaranteed operating range in cooling

SUZ-M25,35VA: -10°C

SUZ-M50,60,71VA: -15°C

OUTDOOR UNIT PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT
 SUZ-M25VA SUZ-M35VA SUZ-M50VA SUZ-M60VA SUZ-M71VA



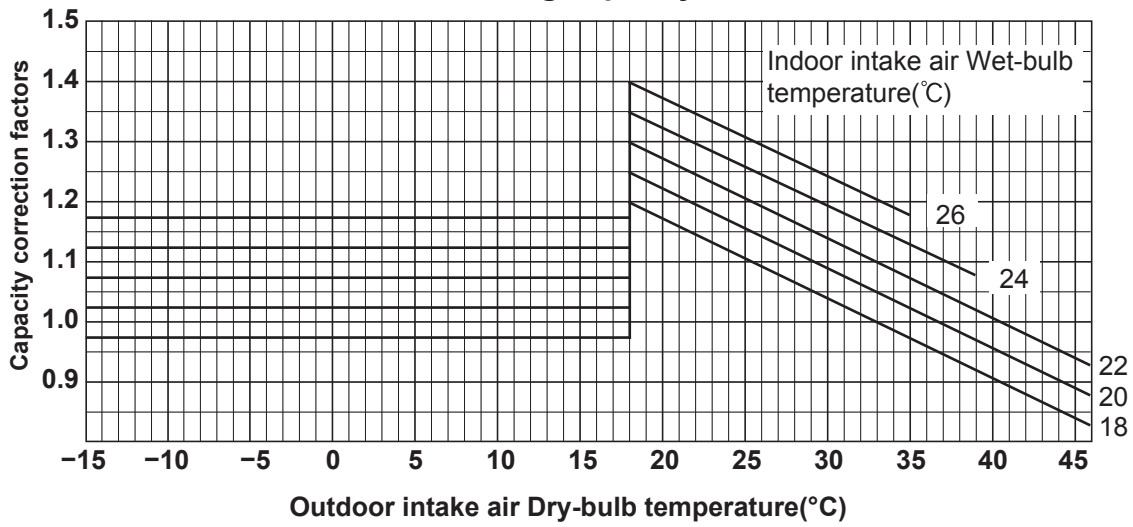
OUTDOOR UNIT PERFORMANCE CURVES

B.4.4.2 R410A type

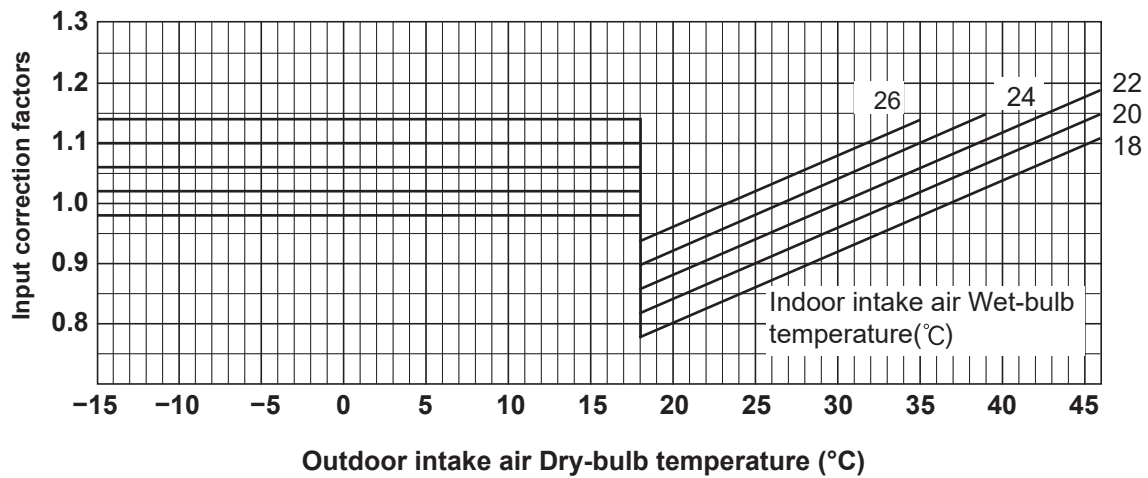
FOR THE COMBINATION OF OUTDOOR UNIT

SUZ-KA25VA6 SUZ-KA35VA6 SUZ-KA50VA6 SUZ-KA60VA6 SUZ-KA71VA6

Cooling capacity



Total input (Cooling)



Lower limit of guaranteed operating range in cooling

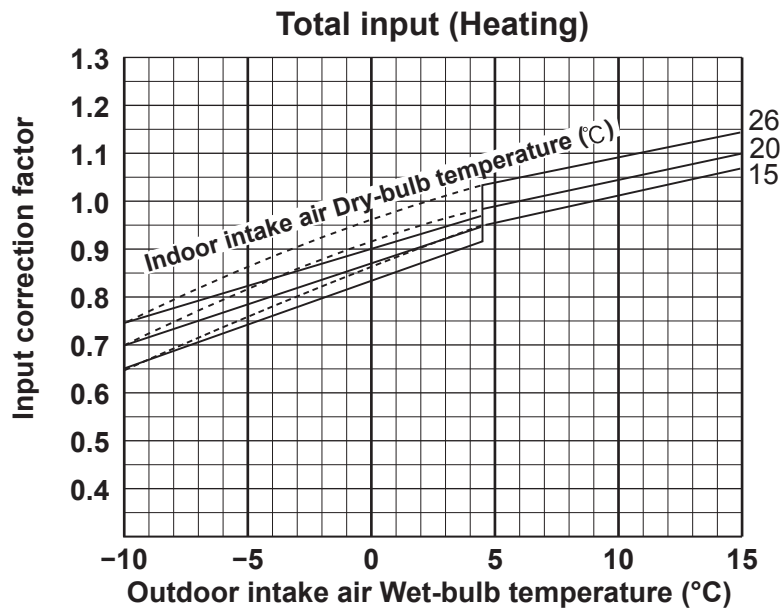
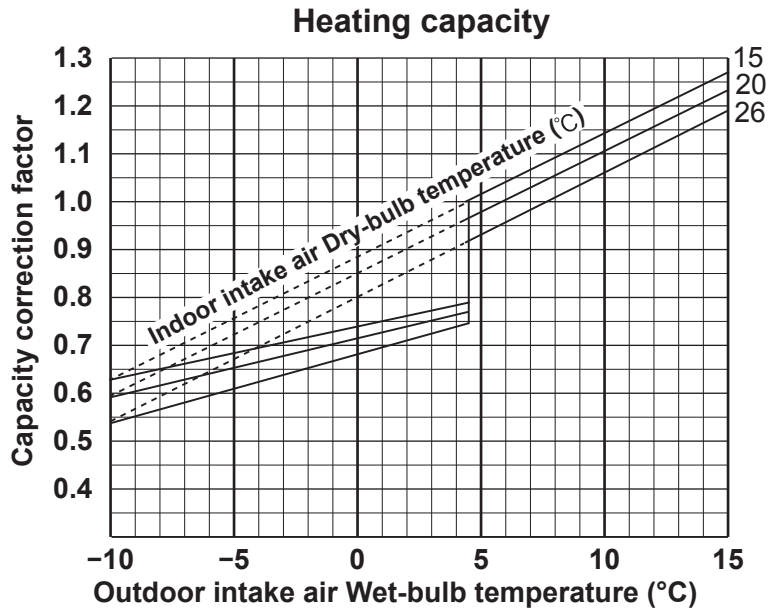
SUZ-KA25,35VA6: -10°C

SUZ-KA50,60,71VA6: -15°C

OUTDOOR UNIT PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT

SUZ-KA25VA6 SUZ-KA35VA6 SUZ-KA50VA6 SUZ-KA60VA6 SUZ-KA71VA6

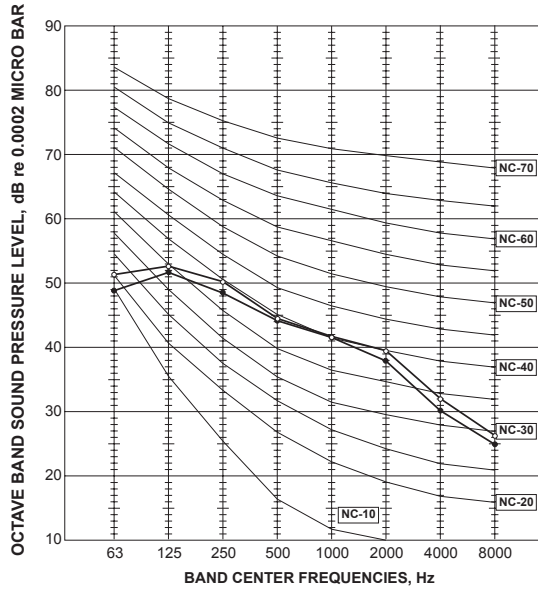


B.4.5 NOISE CRITERIA CURVES

B.4.5.1 R32 type

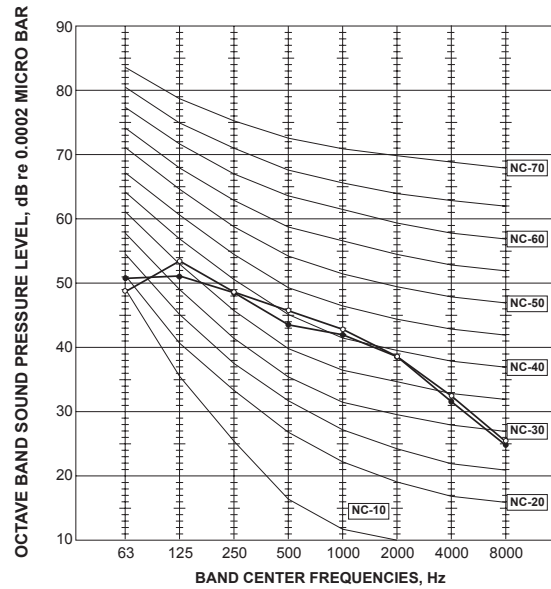
SUZ-M25VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	45	●—●
	HEATING	46	○—○



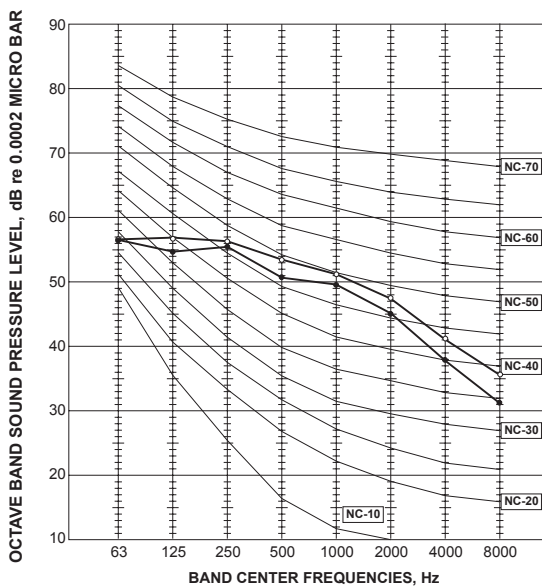
SUZ-M35VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	48	●—●
	HEATING	48	○—○



SUZ-M50VA

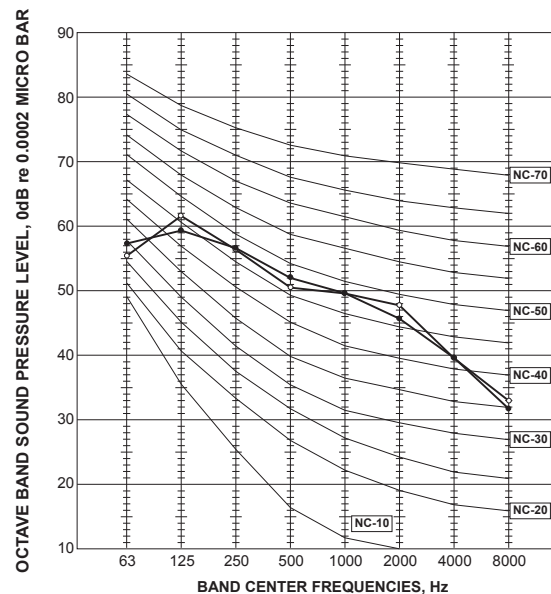
FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	48	●—●
	HEATING	49	○—○



SUZ-M60VA

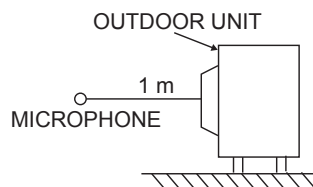
SUZ-M71VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



Test conditions

Cooling: Dry-bulb temperature 35°C
 Heating: Dry-bulb temperature 7°C
 Wet-bulb temperature 6°C

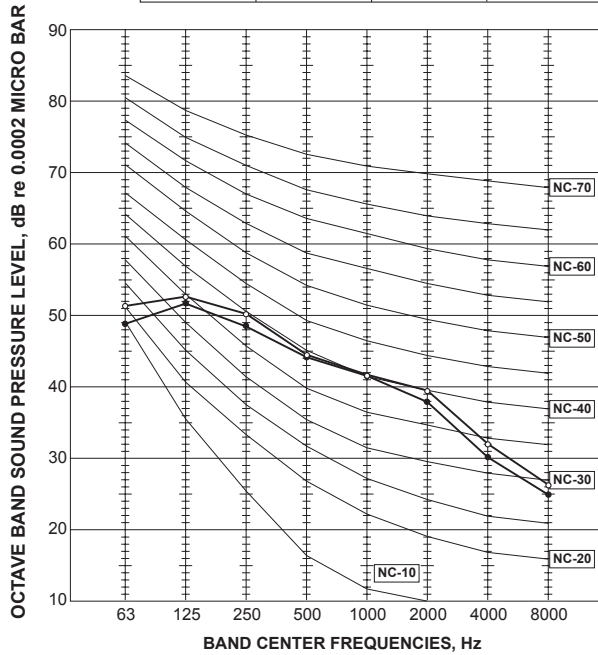


OUTDOOR UNIT NOISE CRITERIA CURVES

B.4.5.2 R410A type

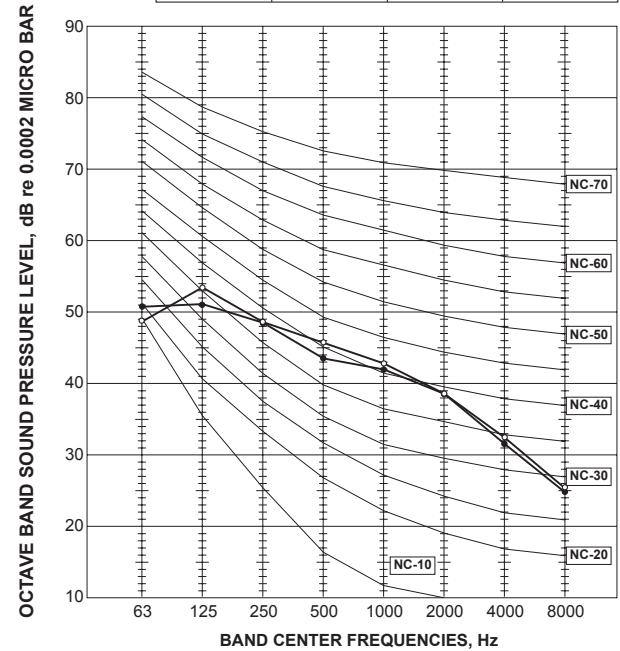
SUZ-KA25VA6

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	47	●—●
	HEATING	48	○—○



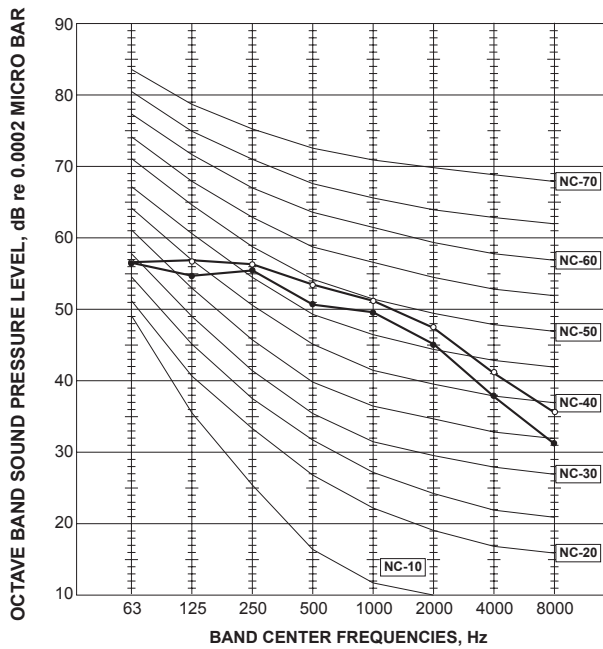
SUZ-KA35VA6

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	49	●—●
	HEATING	50	○—○



SUZ-KA50VA6

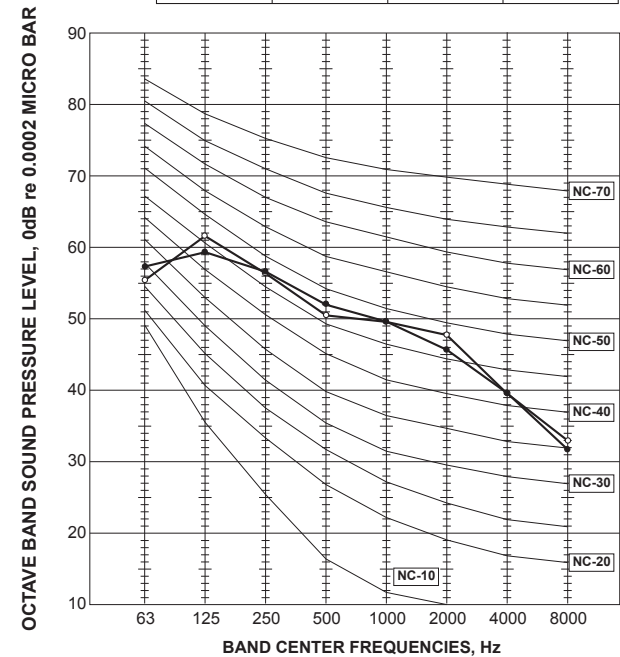
FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	52	●—●
	HEATING	52	○—○



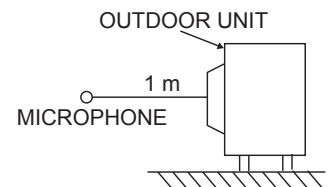
SUZ-KA60VA6

SUZ-KA71VA6

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



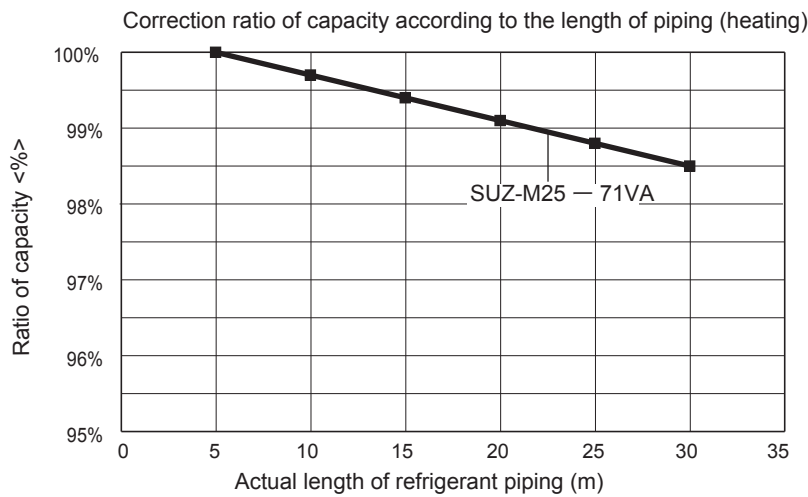
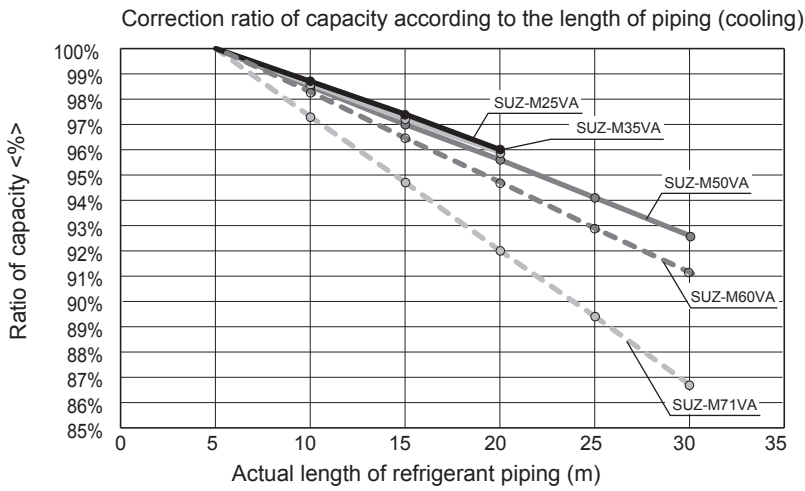
Test conditions
 Cooling: Dry-bulb temperature 35°C
 Heating: Dry-bulb temperature 7°C
 Wet-bulb temperature 6°C



OUTDOOR UNIT NOISE CRITERIA CURVES

B.4.6 CAPACITY CORRECTION RATIO CURVE PIPING LENGTH

B.4.6.1 R32 type

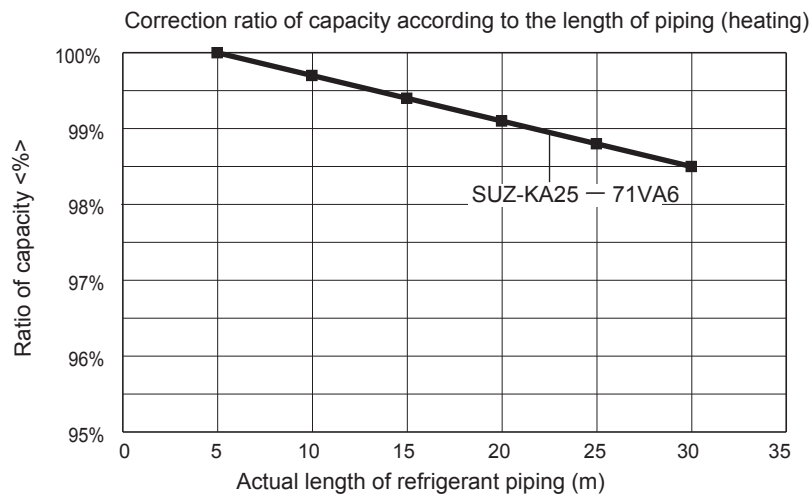
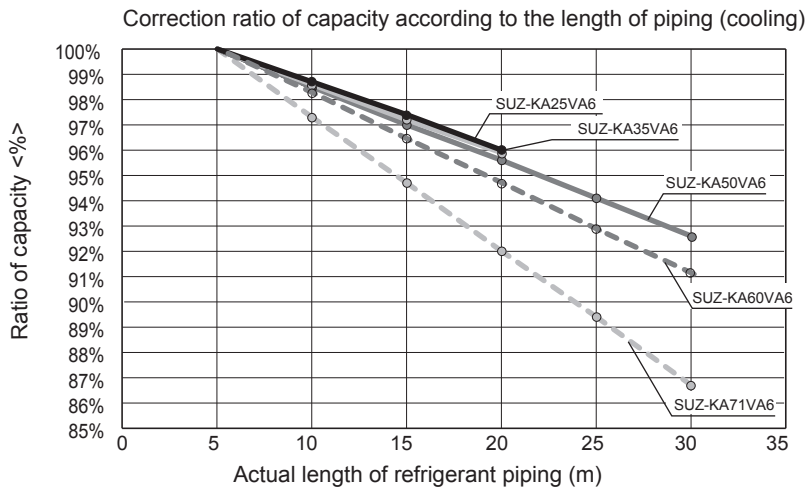


● Up to 20m for M25,35model.

The length intended for the capacity calculation, which counts the length of refrigerant piping and the number of bends, is called actual length.

$$\text{Length of refrigerant piping (m)} + (\text{Number of bends} \times 0.3 \text{ m}) = \text{Actual length of refrigerant piping (m)}$$

B.4.6.2 R410A type



● Up to 20m for KA25,35model.

The length intended for the capacity calculation, which counts the length of refrigerant piping and the number of bends, is called actual length.

Length of refrigerant piping (m) + (Number of bends × 0.3 m) = Actual length of refrigerant piping (m)

B.4.7 EARTHQUAKE-PROOF STRENGTH ANALYSIS

B.4.7.1 R32 type

Earthquake-proof strength analysis <Anchor bolt>

1.Type:

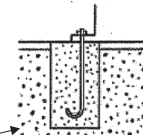
2.Model name:

3.Specification

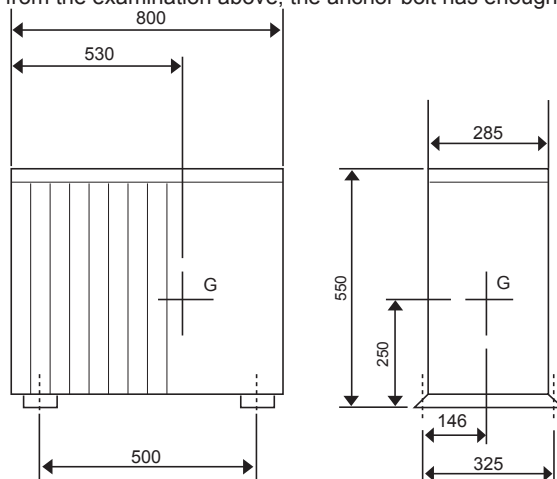
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="30"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="250"/> mm= <input type="text" value="0.250"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="325"/> mm= <input type="text" value="0.325"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="146"/> mm (Lg≤L/2)= <input type="text" value="0.146"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|--|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="294.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="147.0"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="80.3"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="73.5"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="1.0"/> MPa < ft = 176.4 MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="0.9"/> MPa < fs = 132.3 MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = <input type="text" value="245.5"/> MPa | |
| | $\sigma =$ <input type="text" value="1.0"/> MPa < fts= <input type="text" value="176.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm = <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm = <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="80"/> N |



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

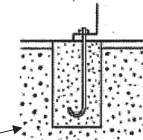
2.Model name:

3.Specification

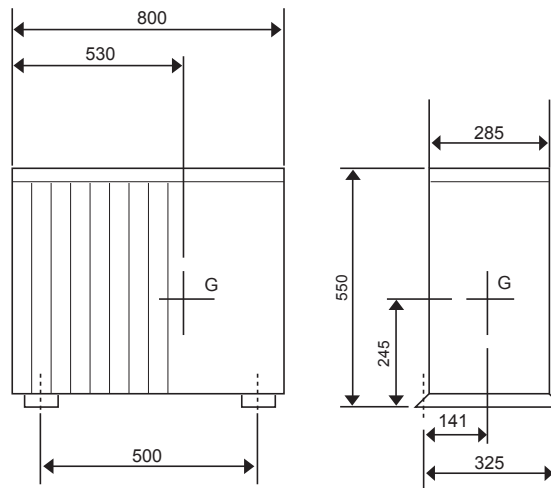
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft = 176.4 MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\sigma + 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

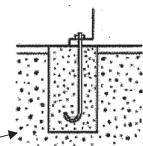
2.Model name:

3.Specification

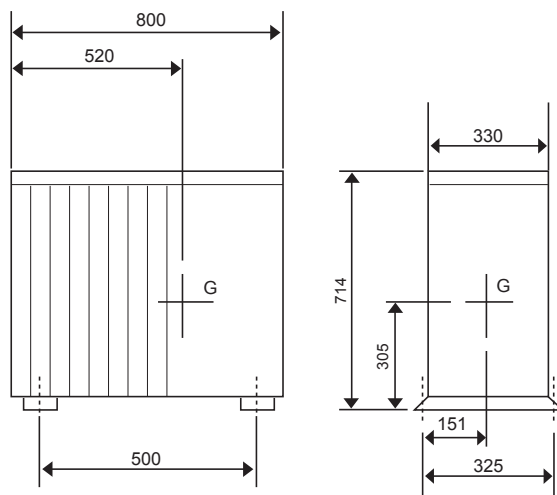
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= N
- (2) The vertical seismic coefficient for designing Kv=Kh/2= N
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < $f_t = 176.4$ MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < $f_s = 132.3$ MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

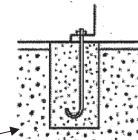
2.Model name:

3.Specification

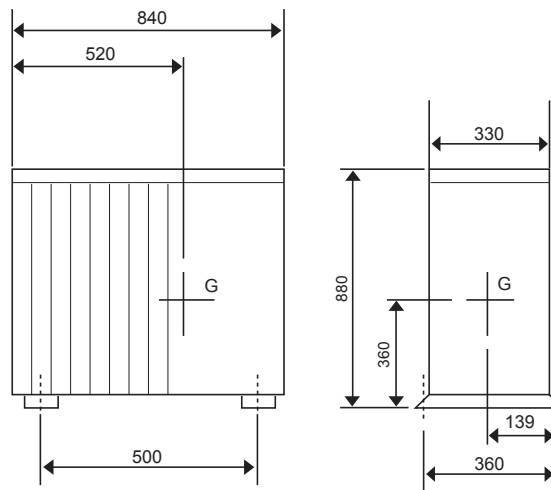
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="54"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="360"/> mm= <input type="text" value="0.360"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="360"/> mm= <input type="text" value="0.360"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="139"/> mm(Lg≤L/2)= <input type="text" value="0.139"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="529.2"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="264.6"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="213.9"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="132.3"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="2.7"/> MPa < ft = 176.4 MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="1.7"/> MPa < fs = 132.3 MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4ft - 1.6\tau =$ <input type="text" value="244.2"/> MPa
< fts= <input type="text" value="176.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm = <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm = <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="214"/> N |



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

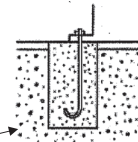
2.Model name:

3.Specification

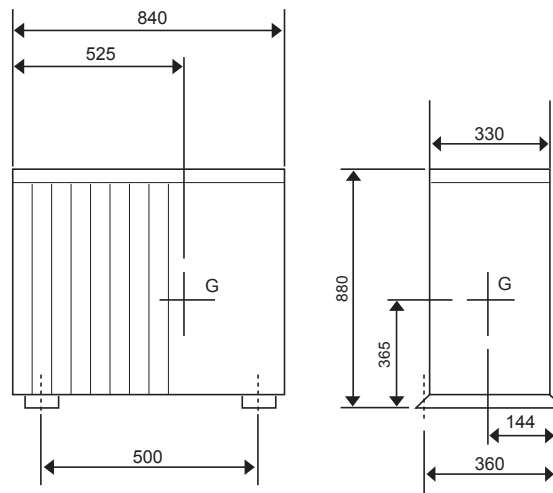
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="55"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="365"/> mm= <input type="text" value="0.365"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="360"/> mm= <input type="text" value="0.360"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="144"/> mm(Lg≤L/2)= <input type="text" value="0.144"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|---|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="539.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="269.5"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="219.3"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="134.8"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="2.8"/> MPa < ft = 176.4 MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="1.7"/> MPa < fs = 132.3 MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ | = <input type="text" value="244.2"/> MPa |
| | $\sigma =$ <input type="text" value="2.8"/> MPa < fts= <input type="text" value="176.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm = <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm = <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="219"/> N |



Since the results from the examination above, the anchor bolt has enough strength



B.4.7.2 R410A type Earthquake-proof strength analysis <Anchor bolt>

1.Type:

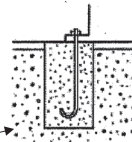
2.Model name:

3.Specification

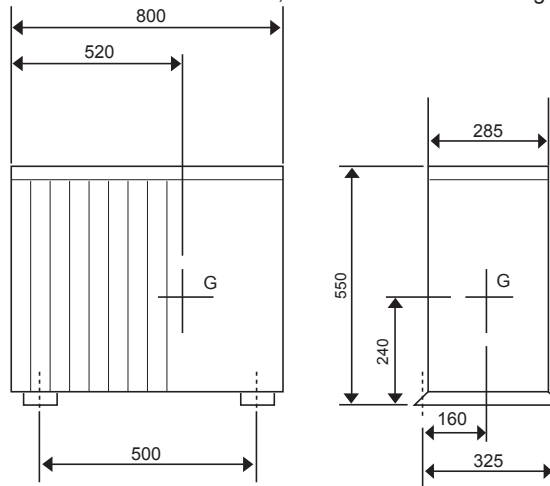
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="30"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="240"/> mm= <input type="text" value="0.240"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="325"/> mm= <input type="text" value="0.325"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="160"/> mm (Lg ≤ L/2)= <input type="text" value="0.160"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|--|---|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="294.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="147.0"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = <input type="text" value="72.4"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="73.5"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="0.9"/> MPa < ft = 176.4 MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="0.9"/> MPa < fs = 132.3 MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = <input type="text" value="245.5"/> MPa | |
| | $\sigma =$ <input type="text" value="0.9"/> MPa < fts= <input type="text" value="176.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm = <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm = <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="72"/> N |



Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type:

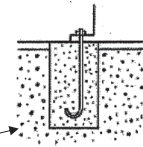
2.Model name:

3.Specification

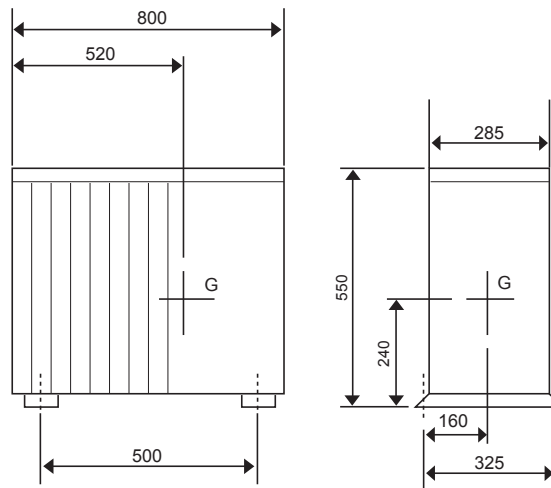
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < $f_t = 176.4$ MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < $f_s = 132.3$ MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

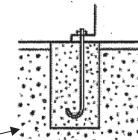
2.Model name:

3.Specification

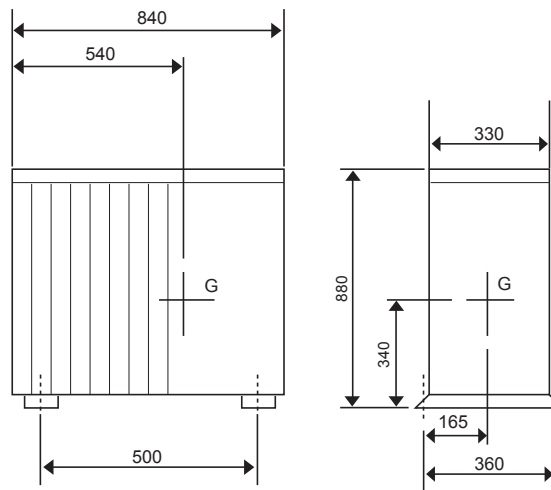
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="54"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="340"/> mm= <input type="text" value="0.340"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="360"/> mm= <input type="text" value="0.360"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="165"/> mm(Lg≤L/2)= <input type="text" value="0.165"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="529.2"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="264.6"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="189.3"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="132.3"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="2.4"/> MPa < ft = 176.4 MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="1.7"/> MPa < fs = 132.3 MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4ft - 1.6\tau =$ <input type="text" value="244.2"/> MPa
< fts= <input type="text" value="176.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm = <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm = <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="189"/> N |



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

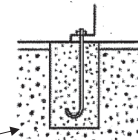
2.Model name:

3.Specification

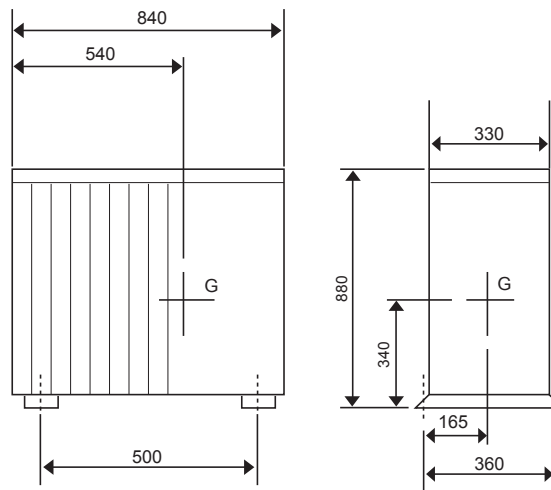
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="50"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="340"/> mm= <input type="text" value="0.340"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="360"/> mm= <input type="text" value="0.360"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="165"/> mm(Lg ≤ L/2)= <input type="text" value="0.165"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="490.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="245.0"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="175.2"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="122.5"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="2.2"/> MPa < ft = 176.4 MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="1.6"/> MPa < fs = 132.3 MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4\sigma + 1.6\tau =$ <input type="text" value="244.4"/> MPa
< fts= <input type="text" value="176.0"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm = <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm = <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="175"/> N |



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type:

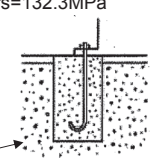
2.Model name:

3.Specification

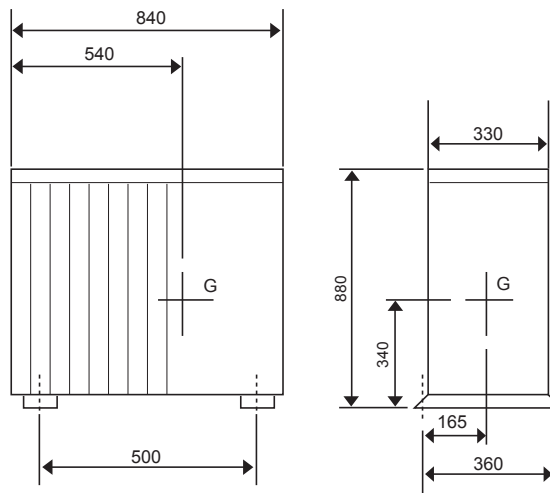
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="53"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78×10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="340"/> mm= <input type="text" value="0.340"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="360"/> mm= <input type="text" value="0.360"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="165"/> mm(Lg≤L/2)= <input type="text" value="0.165"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= <input type="text" value="519.4"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="259.7"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = <input type="text" value="185.8"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="129.9"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="2.4"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="1.7"/> MPa < fs=132.3MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4 \cdot \tau - 1.6 \cdot \sigma =$ <input type="text" value="244.2"/> MPa | |
| | < fts= <input type="text" value="176.4"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb <input type="text" value="186"/> N |



Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS