

P series

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<u>A.3 CEILING-SUSPENDED (PCA)</u>	<u>A-163</u>	CEILING SUSPENDED
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S series

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M series

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MA Remote Controller

D-1

MA Remote Controller

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OPTIONAL PARTS

P series Model List

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PLA-ZM35EA	PLA-M35EA	PLA-SM71EA
PLA-ZM50EA	PLA-M50EA	PLA-SM100EA
PLA-ZM60EA	PLA-M60EA	PLA-SM125EA
PLA-ZM71EA	PLA-M71EA	PLA-SM140EA
PLA-ZM100EA	PLA-M100EA	
PLA-ZM125EA	PLA-M125EA	
PLA-ZM140EA	PLA-M140EA	

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PKA-M35HA	PKA-M100KA
PKA-M35HAL	PKA-M100KAL
PKA-M50HA	
PKA-M50HAL	
PKA-M60KA	
PKA-M60KAL	
PKA-M71KA	
PKA-M71KAL	

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PCA-M35KA
PCA-M50KA
PCA-M60KA
PCA-M71KA
PCA-M100KA
PCA-M125KA
PCA-M140KA

A.4 CEILING SUSPENDED for Professional kitchens (PCA) A-185

PCA-RP71HAQ

A.5 FLOOR STANDING (PSA) A-195

PSA-RP71KA
PSA-RP100KA
PSA-RP125KA
PSA-RP140KA

A.6 CEILING-CONCEALED (PEAD/PEA) A-215

PEAD-M35JA	PEAD-M100JA	PEAD-SM71JA	PEA-RP200WKA
PEAD-M35JAL	PEAD-M100JAL	PEAD-SM71JAL	PEA-RP250WKA
PEAD-M50JA	PEAD-M125JA	PEAD-SM100JA	
PEAD-M50JAL	PEAD-M125JAL	PEAD-SM100JAL	
PEAD-M60JA	PEAD-M140JA	PEAD-SM125JA	
PEAD-M60JAL	PEAD-M140JAL	PEAD-SM125JAL	
PEAD-M71JA		PEAD-SM140JA	
PEAD-M71JAL		PEAD-SM140JAL	

A.7 REMOTE CONTROLLER AND TROUBLESHOOTING A-325

A.8 OUTDOOR UNIT (PUHZ) A-337

< R32 type >

PUZ-ZM35VKA
PUZ-ZM50VKA
PUZ-ZM60VHA
PUZ-ZM71VHA
PUZ-ZM100VKA
PUZ-ZM100YKA
PUZ-ZM125VKA
PUZ-ZM125YKA
PUZ-ZM140VKA
PUZ-ZM140YKA

PUZ-M100VKA
PUZ-M100YKA
PUZ-M125VKA
PUZ-M125YKA
PUZ-M140VKA
PUZ-M140YKA

SUZ-SM71VA

PUZ-SM100VKA
PUZ-SM100YKA
PUZ-SM125VKA
PUZ-SM125YKA
PUZ-SM140VKA
PUZ-SM140YKA

< R410A type >

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

PUHZ-FRP71VHA2

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

SUZ-SA71VA3
SUZ-SA100VA2

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

A.9 MULTI SYSTEM A-437

A.1 CEILING CASSETTE (PLA)

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A.1.1 SPECIFICATIONS

A.1.1.1 R32 type

1. Power Inverter SERIES

Model Name	Indoor Unit			PLA-ZM35EA	PLA-ZM50EA	PLA-ZM60EA	PLA-ZM71EA	
	Outdoor Unit			PUZ-ZM35VKA	PUZ-ZM50VKA	PUZ-ZM60VHA	PUZ-ZM71VHA	
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		-	-	-	-			
Refrigerant				R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Max.	kW	4.5	5.6	6.5	8.1	
		Min.	kW	1.6	2.3	2.7	3.3	
	SHF	Rated		0.97	0.81	0.73	0.82	
	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	
		Max.	kW	5.2	7.3	8.2	10.2	
		Min.	kW	1.6	2.5	2.8	3.5	
	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	745	1083	1339	1370
	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	Rated	kW	0.03	0.03	0.03	0.05	
		Operating Current(max)			A	0.21	0.22	0.22
	Dimensions	Height	mm	258	258	258	298	
		Width	mm	840	840	840	840	
		Depth	mm	840	840	840	840	
	Weight			kg	21	21	21	24
	Air Volume	Low	m ³ /min.	11.0	12.0	12.0	17.0	
		Mid2	m ³ /min.	13.0	14.0	14.0	19.0	
		Mid	m ³ /min.	15.0	16.0	16.0	21.0	
		Hi	m ³ /min.	16.0	18.0	18.0	23.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	26	27	27	28	
		Mid2	dB(A)	28	29	29	30	
		Mid	dB(A)	29	31	31	33	
		Hi	dB(A)	31	32	32	36	
Sound Level (PWL)	Cooling		51	54	54	57		
Outdoor Unit	Dimensions	Height	mm	630	630	943	943	
		Width	mm	809	809	950	950	
		Depth	mm	300 (+23)	300 (+23)	330 (+25)	330 (+25)	
	Weight			kg	46	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45.0	45.0	55.0	55.0
		Heating	Rated	m ³ /min.	45.0	45.0	55.0	55.0
	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		65	65	67	67	
	Operating Current(max)			A	13.0	13.0	19.0	19.0
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
	Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
Lower Limit.				°C	-15*	-15*	-15*	-15*
Heating		Upper Limit.	°C	21	21	21	21	
		Lower Limit.	°C	-11	-11	-20	-20	

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

Model Name	Indoor Unit			PLA-ZM100EA	PLA-ZM100EA	
	Outdoor Unit			PUZ-ZM100VKA	PUZ-ZM100YKA	
Power Supply				Outdoor power supply		
	Out	Source		V	230	400
		Phase		Single		3
		Hz		50		50
	In	V		-		-
		Phase		-		-
Hz		-		-		
Refrigerant				R32	R32	
Cooling	Capacity	Rated	kW	9.5	9.5	
		Max.	kW	11.4	11.4	
		Min.	kW	4.9	4.9	
	SHF	Rated		0.73	0.73	
	Total Input	Rated	kW	2.065	2.065	
	EER			4.60	4.60	
	Annual Electricity Consumption			kWh/a	432	443
	SEER			7.7	7.5	
	Energy efficiency class			A++	A++	
	Heating	Capacity	Rated	kW	11.2	11.2
Max.			kW	14.0	14.0	
Min.			kW	4.5	4.5	
Total Input		Rated	kW	2.604	2.604	
COP			4.30	4.30		
Annual Electricity Consumption			kWh/a	2277	2277	
SCOP			4.8	4.8		
Energy efficiency class			A++	A++		
Operating Current(max)			A	27.0	8.5	
Indoor Unit		Input	Rated	kW	0.07	0.07
	Operating Current(max)			A	0.47	0.47
	Dimensions	Height	mm	298	298	
		Width	mm	840	840	
		Depth	mm	840	840	
	Weight			kg	26	26
	Air Volume	Low	m³/min.	19.0	19.0	
		Mid2	m³/min.	22.0	22.0	
		Mid	m³/min.	25.0	25.0	
		Hi	m³/min.	28.0	28.0	
	External Static Pressure			Pa	-	-
	Sound Level (SPL)	Low	dB(A)	31	31	
		Mid2	dB(A)	34	34	
		Mid	dB(A)	37	37	
		Hi	dB(A)	40	40	
Sound Level (PWL)	Cooling		61	61		
Outdoor Unit	Dimensions	Height	mm	1338	1338	
		Width	mm	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	
	Weight			kg	116	123
	Air Volume	Cooling	Rated	m³/min.	110.0	110.0
		Heating	Rated	m³/min.	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49
			Silent	dB(A)	46	46
		Heating	Rated	dB(A)	51	51
	Sound Level (PWL)	Cooling		69	69	
	Operating Current(max)			A	26.5	8.0
Breaker Size			A	32	16	
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	
		Gas	mm	15.88	15.88	
	Max. Length	Out-In	m	100	100	
	Max. Height	Out-In	Below Indoor	m	30	30
Above Indoor			m	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-15*	-15*
	Heating	Upper Limit.	°C	21	21	
		Lower Limit.	°C	-20	-20	

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

Model Name		Indoor Unit		PLA-ZM125EA	PLA-ZM125EA	PLA-ZM140EA	PLA-ZM140EA	
		Outdoor Unit		PUZ-ZM125VKA	PUZ-ZM125YKA	PUZ-ZM140VKA	PUZ-ZM140YKA	
Power Supply			Source	Outdoor power supply				
	Out	V		230	400	230	400	
		Phase		Single	3	Single		3
		Hz		50	50	50	50	
	In	V		-	-	-	-	
		Phase		-	-	-	-	
Hz		-	-	-	-			
Refrigerant				R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4	
		Max.	kW	14.0	14.0	15.0	15.0	
		Min.	kW	5.5	5.5	6.2	6.2	
	SHF		Rated		0.64	0.64	0.67	0.67
	Total Input	Rated	kW	3.378	3.378	3.722	3.722	
	EER				3.70	3.70	3.60	3.60
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SEER				-	-	-	-
			Energy efficiency class		-	-	-	-
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0
Max.			kW	16.0	16.0	18.0	18.0	
Min.			kW	5.0	5.0	5.7	5.7	
Total Input		Rated	kW	3.674	3.674	4.312	4.312	
COP				3.81	3.81	3.71	3.71	
Annual Electricity Consumption			kWh/a	-	-	-	-	
SCOP				-	-	-	-	
		Energy efficiency class		-	-	-	-	
Operating Current(max)			A	27.0	10.0	28.7	13.7	
Indoor Unit	Input	Rated	kW	0.08	0.08	0.10	0.10	
		Operating Current(max)		A	0.52	0.52	0.66	0.66
	Dimensions		Height	mm	298	298	298	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	26	26	26	26
	Air Volume		Low	m³/min.	21.0	21.0	24.0	24.0
			Mid2	m³/min.	24.0	24.0	26.0	26.0
			Mid	m³/min.	26.0	26.0	29.0	29.0
			Hi	m³/min.	29.0	29.0	32.0	32.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	33	33	36	36
			Mid2	dB(A)	36	36	39	39
			Mid	dB(A)	39	39	42	42
			Hi	dB(A)	41	41	44	44
Sound Level (PWL)	Cooling			62	62	65	65	
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	
			Width	mm	1050	1050	1050	
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	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			70	70	70	70
	Operating Current(max)			A	26.5	9.5	28.0	13.0
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	
		Heating	Upper Limit.	°C	21	21	21	
			Lower Limit.	°C	-20	-20	-20	

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

2.Standard Inverter SERIES

Model Name		Indoor Unit		PLA-M35EA	PLA-M50EA	PLA-M60EA	PLA-M71EA	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
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		-	-	-	-	
		Hz		-	-	-	-	
Refrigerant				R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	3.6	5.5	6.1	7.1	
		Max.	kW	3.9	5.6	6.3	8.1	
		Min.	kW	0.8	1.2	1.6	2.2	
	SHF	Rated		0.91	0.77	0.79	0.74	
	Total Input	Rated	kW	0.90	1.61	1.84	1.91	
	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
Max.			kW	5.0	7.2	8.0	10.2	
Min.			kW	1.0	1.5	1.6	2.0	
Total Input		Rated	kW	0.97	1.73	1.84	2.21	
COP				4.2	3.46	3.80	3.61	
Annual Electricity Consumption			kWh/a	774	1456	1458	1796	
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	Rated	kW	0.03	0.03	0.03	0.04	
		Operating Current(max)	A	0.20	0.22	0.24	0.27	
	Dimensions	Height	mm	258	258	258	258	
		Width	mm	840	840	840	840	
		Depth	mm	840	840	840	840	
	Weight		kg	19	19	21	21	
	Air Volume	Low	m ³ /min.	11.0	12.0	12.0	14.0	
		Mid2	m ³ /min.	13.0	14.0	14.0	17.0	
		Mid	m ³ /min.	15.0	16.0	16.0	19.0	
		Hi	m ³ /min.	16.0	18.0	18.0	21.0	
	External Static Pressure		Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	26	27	27	28	
		Mid2	dB(A)	28	29	29	30	
		Mid	dB(A)	29	31	31	32	
		Hi	dB(A)	31	32	32	34	
Sound Level (PWL)	Cooling		51	54	54	56		
Outdoor Unit	Dimensions	Height	mm	550	714	880	880	
		Width	mm	800	800	840	840	
		Depth	mm	285	330	330	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)	-	-	-	-	
	Sound Level (PWL)	Heating	Rated	dB(A)	48	49	51	51
		Cooling			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	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	Below Indoor	m	12	30	30	30
			Above Indoor	m	12	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-10	-15	-15	
	Heating	Upper Limit.	°C	24	24	24		
		Lower Limit.	°C	-10	-10	-10		

Model Name		Indoor Unit		PLA-M100EA		PLA-M100EA		
		Outdoor Unit		PUZ-M100VKA		PUZ-M100YKA		
Power Supply			Source	Outdoor power supply				
	Out	V		230		400		
		Phase		Single		3		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
Hz		-		-				
Refrigerant				R32		R32		
Cooling	Capacity	Rated	kW	9.5		9.5		
		Max.	kW	10.6		10.6		
		Min.	kW	4.0		4.0		
	SHF	Rated		0.77		0.77		
	Total Input	Rated	kW	2.71		2.71		
	EER			3.50		3.50		
	Annual Electricity Consumption			kWh/a	474		474	
	SEER			7.0		7.0		
				Energy efficiency class	A ⁺⁺		A ⁺⁺	
	Heating	Capacity	Rated	kW	11.2		11.2	
Max.			kW	12.5		12.5		
Min.			kW	2.8		2.8		
Total Input		Rated	kW	3.01		3.01		
COP			3.71		3.71			
Annual Electricity Consumption			kWh/a	2428		2428		
SCOP			4.6		4.6			
			Energy efficiency class	A ⁺⁺		A ⁺⁺		
Operating Current(max)			A	20.5		12.0		
Indoor Unit	Input	Rated	kW	0.07		0.07		
		Operating Current(max)			A	0.46		0.46
	Dimensions	Height	mm	298		298		
		Width	mm	840		840		
		Depth	mm	840		840		
	Weight			kg	24		24	
	Air Volume	Low	m ³ /min.	19.0		19.0		
		Mid2	m ³ /min.	23.0		23.0		
		Mid	m ³ /min.	26.0		26.0		
		Hi	m ³ /min.	29.0		29.0		
	External Static Pressure			Pa	-		-	
	Sound Level (SPL)	Low	dB(A)	31		31		
		Mid2	dB(A)	34		34		
		Mid	dB(A)	37		37		
		Hi	dB(A)	40		40		
Sound Level (PWL)	Cooling		61		61			
Outdoor Unit	Dimensions	Height	mm	981		981		
		Width	mm	1050		1050		
		Depth	mm	330 (+40)		330 (+40)		
	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)	46		46	
		Heating	Rated	dB(A)	54		54	
	Sound Level (PWL)	Cooling		70		70		
	Operating Current(max)			A	20		11.5	
Breaker Size			A	32		16		
Ext. Piping	Diameter	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	55		55		
	Max. Height	Out-In	Below Indoor	m	30		30	
Above Indoor			m	30		30		
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		46	
			Lower Limit.	°C	-15*		-15*	
		Heating	Upper Limit.	°C	21		21	
			Lower Limit.	°C	-15		-15	

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

Model Name	Indoor Unit			PLA-M125EA	PLA-M125EA	PLA-M140EA	PLA-M140EA	
	Outdoor Unit			PUZ-M125VKA	PUZ-M125YKA	PUZ-M140VKA	PUZ-M140YKA	
Power Supply	Out			Source	Outdoor power supply			
				V	230	400	230	400
				Phase	Single	3	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
			Hz	-	-	-	-	
Refrigerant				R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	12.1	12.1	13.4	13.4	
		Max.	kW	13.0	13.0	14.1	14.1	
		Min.	kW	5.8	5.8	5.8	5.8	
	SHF	Rated		0.72	0.72	0.70	0.70	
	Total Input	Rated	kW	4.01	4.01	4.96	4.96	
	EER				3.01	3.01	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
Max.			kW	15.0	15.0	15.8	15.8	
Min.			kW	4.1	4.1	4.2	4.2	
Total Input		Rated	kW	3.63	3.63	4.39	4.39	
COP				3.71	3.71	3.41	3.41	
Annual Electricity Consumption			kWh/a	-	-	-	-	
SCOP				-	-	-	-	
			Energy efficiency class	-	-	-	-	
Operating Current(max)			A	27.2	12.2	30.7	12.2	
Indoor Unit	Input	Rated	kW	0.10	0.10	0.10	0.10	
		Operating Current(max)			A	0.66	0.66	0.66
	Dimensions		Height	mm	298	298	298	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	26	26	26	26
	Air Volume	Low	m³/min.	21.0	21.0	24.0	24.0	
		Mid2	m³/min.	25.0	25.0	26.0	26.0	
		Mid	m³/min.	28.0	28.0	29.0	29.0	
		Hi	m³/min.	31.0	31.0	32.0	32.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	33	33	36	36	
		Mid2	dB(A)	37	37	39	39	
		Mid	dB(A)	41	41	42	42	
		Hi	dB(A)	44	44	44	44	
Sound Level (PWL)	Cooling		65	65	65	65		
Outdoor Unit	Dimensions		Height	mm	981	981	981	
			Width	mm	1050	1050	1050	
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	m³/min.	86	86	86	86
		Heating	Rated	m³/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		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	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	
		Lower Limit.	°C	-15	-15	-15	-15	

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

3.Eco Inverter SERIES

SPECIFICATIONS

Model Name	Indoor Unit			PLA-SM71EA	
	Outdoor Unit			SUZ-SM71VA	
Power Supply	Out		Source	Outdoor power supply	
			V	230	
			Phase	Single	
	In		Hz	50	
			V	-	
			Phase	-	
			Hz	-	
Refrigerant				R32	
Cooling	Capacity	Rated	kW	7.1	
		Max.	kW	8.1	
		Min.	kW	2.2	
	SHF	Rated		0.75	
	Total Input	Rated	kW	1.97	
	EER			3.60	
	Annual Electricity Consumption		kWh/a	410	
	SEER			6.0	
	Energy efficiency class		A ⁺		
Heating	Capacity	Rated	kW	8.0	
		Max.	kW	10.2	
		Min.	kW	2.0	
	Total Input	Rated	kW	2.28	
	COP			3.50	
	Annual Electricity Consumption		kWh/a	2066	
	SCOP			3.9	
		Energy efficiency class		A	
Operating Current(max)			A	15.1	
Indoor Unit	Input	Rated	kW	0.04	
		Operating Current(max)	A	0.27	
	Dimensions		Height	mm	258
			Width	mm	840
			Depth	mm	840
	Weight			kg	21
	Air Volume	Low	m ³ /min.	14.0	
		Mid2	m ³ /min.	17.0	
		Mid	m ³ /min.	19.0	
		Hi	m ³ /min.	21.0	
	External Static Pressure			Pa	-
	Sound Level (SPL)	Low	dB(A)	28	
		Mid2	dB(A)	30	
		Mid	dB(A)	32	
Hi		dB(A)	34		
Sound Level (PWL) Cooling				56	
Outdoor Unit	Dimensions		Height	mm	880
			Width	mm	840
			Depth	mm	330
	Weight			kg	55
	Air Volume	Cooling	Rated	m ³ /min.	50.1
		Heating	Rated	m ³ /min.	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	50.1
			Silent	dB(A)	-
		Heating	Rated	dB(A)	55
	Sound Level (PWL) Cooling				66
Operating Current(max)			A	14.8	
Breaker Size			A	20	
Ext. Piping	Diameter	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max. Length	Out-In	m	30	
	Max. Height	Out-In	Below Indoor	m	30
Above Indoor			m	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-10
	Heating	Upper Limit.	°C	24	
		Lower Limit.	°C	-10	

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

Model Name		Indoor Unit	PLA-SM100EA	PLA-SM100EA	PLA-SM125EA	PLA-SM125EA	PLA-SM140EA	PLA-SM140EA		
		Outdoor Unit	PUZ-SM100VKA	PUZ-SM100YKA	PUZ-SM125VKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA		
Power Supply	Source		Outdoor power supply							
	Out	V	230	400	230	400	230	400		
		Phase	3	3	Single	3	Single	3		
		Hz	50	50	50	50	50	50		
	In	V	-	-	-	-	-	-		
		Phase	-	-	-	-	-	-		
Hz		-	-	-	-	-	-			
Refrigerant			R32	R32	R32	R32	R32	R32		
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	13.4	13.4	
		Max.	kW	10.6	10.6	13.0	13.0	14.1	14.1	
		Min.	kW	4.0	4.0	5.8	5.8	5.8	5.8	
	SHF	Rated		0.77	0.77	0.73	0.73	0.70	0.70	
	Total Input	Rated	kW	2.79	2.79	4.17	4.17	5.13	5.13	
	EER			3.4	3.4	2.90	2.90	2.61	2.61	
	Annual Electricity Consumption	kWh/a		554	554	-	-	-	-	
	SEER			6.0	6.0	-	-	-	-	
		Energy efficiency class		A ⁺	A ⁺	-	-	-	-	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	15.0	15.0
Max.			kW	12.5	12.5	15.0	15.0	15.8	15.8	
Min.			kW	2.8	2.8	4.1	4.1	4.2	4.2	
Total Input		Rated	kW	3.1	3.1	3.73	3.73	4.54	4.54	
COP				3.61	3.61	3.61	3.61	3.30	3.30	
Annual Electricity Consumption		kWh/a		2482	2482	-	-	-	-	
SCOP				4.5	4.5	-	-	-	-	
		Energy efficiency class		A ⁺	A ⁺	-	-	-	-	
Operating Current(max)			A	20.5	12.0	27.2	12.2	30.7	12.2	
Indoor Unit	Input	Rated	kW	0.07	0.07	0.10	0.10	0.10	0.10	
		Operating Current(max)	A	0.46	0.46	0.66	0.66	0.66	0.66	
	Dimensions	Height	mm	298	298	298	298	298	298	
		Width	mm	840	840	840	840	840	840	
		Depth	mm	840	840	840	840	840	840	
	Weight		kg	24	24	26	26	26	26	
	Air Volume	Low	m ³ /min.	19	19	21.0	21.0	24.0	24.0	
		Mid2	m ³ /min.	23	23	25.0	25.0	26.0	26.0	
		Mid	m ³ /min.	26	26	28.0	28.0	29.0	29.0	
		Hi	m ³ /min.	29	29	31.0	31.0	32.0	32.0	
	External Static Pressure		Pa	-	-	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	31	31	33	33	36	36	
		Mid2	dB(A)	34	34	37	37	39	39	
		Mid	dB(A)	37	37	41	41	42	42	
		Hi	dB(A)	40	40	44	44	44	44	
Sound Level (PWL)	Cooling		61	61	63	63	70	70		
Outdoor Unit	Dimensions	Height	mm	981	981	981	981	981	981	
		Width	mm	1050	1050	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight		kg	76	78	84	85	84	85	
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86	86	86
		Heating	Rated	m ³ /min.	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54	55	55
			Silent	dB(A)	49	49	52	52	54	54
		Heating	Rated	dB(A)	54	54	56	56	57	57
	Sound Level (PWL)	Cooling		70	70	72	72	73	73	
	Operating Current(max)			A	20	11.5	26.5	11.5	30	11.5
	Breaker Size			A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	30	30	40	40	40	40	
	Max. Height	Out-In	Below Indoor	m	30	30	30	30	30	30
			Above Indoor	m	30	30	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	
		Heating	Upper Limit.	°C	21	21	21	21	21	21
			Lower Limit.	°C	-15	-15	-15	-15	-15	-15

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

A.1.1.2 R410A type
1. ZUBADAN SERIES

Model Name	Indoor Unit		PLA-ZM100EA	PLA-ZM100EA	PLA-ZM125EA		
	Outdoor Unit		PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)		
Power Supply	Out		Source	Outdoor power supply			
			V	230	400	400	
			Phase	Single	3	3	
	In		Hz	50	50	50	
			V	-	-	-	
			Phase	-	-	-	
		Hz	-	-	-		
Refrigerant			R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	10.0	10.0	12.5	
		Max.	kW	11.4	11.4	14.0	
		Min.	kW	4.9	4.9	5.5	
	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	856	
	SEER			5.5	5.5	-	
			Energy efficiency class	A	A	-	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0
Max.			kW	14.0	14.0	16.0	
Min.			kW	4.5	4.5	5.0	
Total Input		Rated	kW	2.667	2.667	4.000	
COP			4.20	4.20	3.50		
Annual Electricity Consumption		kWh/a	4420	4420	6213		
SCOP			4.0	4.0	-		
		Energy efficiency class	A+	A+	-		
Operating Current(max)			A	35.5	13.5	13.5	
Indoor Unit		Input	Rated	kW	0.07	0.07	0.08
	Operating Current(max)		A	0.47	0.47	0.52	
	Dimensions	Height	mm	298	298	298	
		Width	mm	840	840	840	
		Depth	mm	840	840	840	
	Weight			kg	26	26	26
	Air Volume		Low	m ³ /min.	19.0	19.0	21.0
			Mid2	m ³ /min.	22.0	22.0	24.0
			Mid	m ³ /min.	25.0	25.0	26.0
			Hi	m ³ /min.	28.0	28.0	29.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	31	31	33
			Mid2	dB(A)	34	34	36
			Mid	dB(A)	37	37	39
			Hi	dB(A)	40	40	41
	Sound Level (PWL) Cooling				61	61	62
Outdoor Unit	Dimensions	Height	mm	1350	1350	1350	
		Width	mm	950	950	950	
		Depth	mm	330 (+30)	330 (+30)	330 (+30)	
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m ³ /min.	100.0	100.0	100.0
		Heating	Rated	m ³ /min.	100.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	48	48	48
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL) Cooling				69	69	69
	Operating Current(max)			A	35.0	13.0	13.0
	Breaker Size			A	40	16	16
	Ext. Piping	Diameter	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	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-25	-25	-25

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

Model Name	Indoor Unit			PLA-M100EA	PLA-M100EA	PLA-M125EA	
	Outdoor Unit			PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)	
Power Supply				Source	Outdoor power supply		
	Out	V			230	400	400
		Phase			Single	3	3
		Hz			50	50	50
	In	V			-	-	-
		Phase			-	-	-
Hz			-	-	-		
Refrigerant				R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	10.0	10.0	12.5	
		Max.	kW	11.4	11.4	14.0	
		Min.	kW	4.9	4.9	5.5	
	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	858
	SEER				5.3	5.3	-
	Energy efficiency class				A	A	-
	Heating	Capacity	Rated	kW	11.2	11.2	14.0
Max.			kW	14.0	14.0	16.0	
Min.			kW	4.5	4.5	5.0	
Total Input		Rated	kW	2.793	2.793	4.000	
COP				4.01	4.01	3.50	
Annual Electricity Consumption			kWh/a	4445	4445	6506	
SCOP				4.0	4.0	-	
Energy efficiency class				A+	A+	-	
Operating Current(max)			A	35.5	13.5	13.7	
Indoor Unit		Input	Rated	kW	0.07	0.07	0.10
	Operating Current(max)			A	0.46	0.66	
	Dimensions	Height	mm	298	298	298	
		Width	mm	840	840	840	
		Depth	mm	840	840	840	
	Weight			kg	24	24	26
	Air Volume	Low	m³/min.	19.0	19.0	21.0	
		Mid2	m³/min.	23.0	23.0	25.0	
		Mid	m³/min.	26.0	26.0	28.0	
		Hi	m³/min.	29.0	29.0	31.0	
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)	Low	dB(A)	31	31	33	
		Mid2	dB(A)	34	34	37	
		Mid	dB(A)	37	37	41	
		Hi	dB(A)	40	40	44	
Sound Level (PWL)	Cooling		61	61	65		
Outdoor Unit	Dimensions	Height	mm	1350	1350	1350	
		Width	mm	950	950	950	
		Depth	mm	330 (+30)	330 (+30)	330 (+30)	
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m³/min.	100.0	100.0	100.0
		Heating	Rated	m³/min.	100.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	48	48	48
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling		69	69	69	
	Operating Current(max)			A	35.0	13.0	13.0
	Breaker Size			A	40	16	16
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Cooling	Upper Limit.	°C	46	46	46	
		Lower Limit.	°C	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	
		Lower Limit.	°C	-25	-25	-25	

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

2. Power Inverter SERIES

Model Name		Indoor Unit		PLA-ZM35EA	PLA-ZM50EA	PLA-ZM60EA	PLA-ZM71EA	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
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		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Max.	kW	4.5	5.6	6.5	8.1	
		Min.	kW	1.6	2.3	2.7	3.3	
	SHF	Rated		0.92	0.83	0.72	0.81	
	Total Input	Rated	kW	0.78	1.33	1.66	1.79	
	EER			4.60	3.75	3.66	3.95	
	Annual Electricity Consumption		kWh/a	170	253	318	336	
	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	
		Max.	kW	5.2	7.3	8.2	10.2	
		Min.	kW	1.6	2.5	2.8	3.5	
	Total Input	Rated	kW	0.85	1.55	1.89	1.90	
	COP			4.82	3.85	3.70	4.20	
	Annual Electricity Consumption		kWh/a	714	1109	1337	1342	
	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	Rated	kW	0.03	0.03	0.03	0.05	
		Operating Current(max)		A	0.21	0.22	0.22	0.34
	Dimensions	Height	mm	258	258	258	298	
		Width	mm	840	840	840	840	
		Depth	mm	840	840	840	840	
	Weight		kg	21	21	21	24	
	Air Volume	Low	m ³ /min.	11.0	12.0	12.0	17.0	
		Mid2	m ³ /min.	13.0	14.0	14.0	19.0	
		Mid	m ³ /min.	15.0	16.0	16.0	21.0	
		Hi	m ³ /min.	16.0	18.0	18.0	23.0	
	External Static Pressure		Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	26	27	27	28	
		Mid2	dB(A)	28	29	29	30	
		Mid	dB(A)	29	31	31	33	
		Hi	dB(A)	31	32	32	36	
Sound Level (PWL)	Cooling		51	54	54	57		
Outdoor Unit	Dimensions	Height	mm	630	630	943	943	
		Width	mm	809	809	950	950	
		Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)	
	Weight		kg	43	46	70	70	
	Air Volume	Cooling	Rated	m ³ /min.	45.0	45.0	55.0	55.0
		Heating	Rated	m ³ /min.	45.0	45.0	55.0	55.0
	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		65	65	67	67	
	Operating Current(max)		A	13.0	13.0	19.0	19.0	
Breaker Size		A	16	16	25	25		
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
		Above Indoor	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
	Heating	Upper Limit.	°C	21	21	21	21	
		Lower Limit.	°C	-11	-11	-20	-20	

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

Model Name	Indoor Unit			PLA-ZM100EA		PLA-ZM100EA		
	Outdoor Unit			PUHZ-ZRP100VKA3		PUHZ-ZRP100YKA3		
Power Supply	Out			Source	Outdoor power supply			
				V	230	400		
	In			Phase	Single	3		
				Hz	50	50		
	In			V	-	-		
				Phase	-	-		
Refrigerant				R410A	R410A			
Cooling	Capacity	Rated	kW	9.5	9.5			
		Max.	kW	11.4	11.4			
		Min.	kW	4.9	4.9			
	SHF	Rated		0.75	0.75			
	Total Input	Rated	kW	2.20	2.20			
	EER			4.30	4.30			
	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		
Max.			kW	14.0	14.0			
Min.			kW	4.5	4.5			
Total Input		Rated	kW	2.60	2.60			
COP				4.30	4.30			
Annual Electricity Consumption		kWh/a	2229	2229				
SCOP			4.9	4.9				
		Energy efficiency class	A++	A++				
Operating Current(max)			A	27.0	8.5			
Indoor Unit	Input	Rated	kW	0.07	0.07			
		Operating Current(max)	A	0.47	0.47			
	Dimensions		Height	mm	298	298		
			Width	mm	840	840		
			Depth	mm	840	840		
	Weight			kg	26	26		
	Air Volume		Low	m³/min.	19.0	19.0		
			Mid2	m³/min.	22.0	22.0		
			Mid	m³/min.	25.0	25.0		
			Hi	m³/min.	28.0	28.0		
	External Static Pressure			Pa	-	-		
	Sound Level (SPL)		Low	dB(A)	31	31		
			Mid2	dB(A)	34	34		
			Mid	dB(A)	37	37		
			Hi	dB(A)	40	40		
Sound Level (PWL)	Cooling			61	61			
Outdoor Unit	Dimensions		Height	mm	1338	1338		
			Width	mm	1050	1050		
			Depth	mm	330 (+40)	330 (+40)		
	Weight			kg	116	123		
	Air Volume		Cooling	Rated	m³/min.	110.0	110.0	
			Heating	Rated	m³/min.	110.0	110.0	
	Sound Level (SPL)		Cooling	Rated	dB(A)	49	49	
				Silent	dB(A)	46	46	
			Heating	Rated	dB(A)	51	51	
	Sound Level (PWL)	Cooling			69	69		
	Operating Current(max)			A	26.5	8.0		
	Breaker Size			A	32	16		
Ext. Piping	Diameter		Liquid	mm	9.52	9.52		
			Gas	mm	15.88	15.88		
	Max. Length	Out-In	m	75	75			
	Max. Height		Below Indoor	m	30	30		
Above Indoor			m	30	30			
Guranteed Operation Range	Out		Cooling	Upper Limit.	°C	46	46	
				Lower Limit.	°C	-15*	-15*	
	Out		Heating	Upper Limit.	°C	21	21	
				Lower Limit.	°C	-20	-20	

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

Model Name		Indoor Unit		PLA-ZM125EA	PLA-ZM125EA	PLA-ZM140EA	PLA-ZM140EA	
		Outdoor Unit		PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3	
Power Supply			Source	Outdoor power supply				
	Out	V		230	400	230	400	
		Phase		Single	3	Single	3	
		Hz		50	50	50	50	
	In	V		-	-	-	-	
		Phase		-	-	-	-	
Hz		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4	
		Max.	kW	14.0	14.0	15.0	15.0	
		Min.	kW	5.5	5.5	6.2	6.2	
	SHF	Rated		0.67	0.67	0.67	0.67	
	Total Input	Rated	kW	3.84	3.84	4.36	4.36	
	EER			3.25	3.25	3.07	3.07	
	Annual Electricity Consumption		kWh/a	-	-	-	-	
	SEER			-	-	-	-	
			Energy efficiency class	-	-	-	-	
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0
Max.			kW	16.0	16.0	18.0	18.0	
Min.			kW	5.0	5.0	5.7	5.7	
Total Input		Rated	kW	3.67	3.67	4.84	4.84	
COP			3.81	3.84	3.30	3.30		
Annual Electricity Consumption		kWh/a	-	-	-	-		
SCOP			-	-	-	-		
		Energy efficiency class	-	-	-	-		
Operating Current(max)			A	27.0	10.0	28.7	13.7	
Indoor Unit	Input	Rated	kW	0.08	0.08	0.10	0.10	
		Operating Current(max)		A	0.52	0.52	0.66	0.66
	Dimensions	Height	mm	298	298	298	298	
		Width	mm	840	840	840	840	
		Depth	mm	840	840	840	840	
	Weight		kg	26	26	26	26	
	Air Volume	Low	m³/min.	21.0	21.0	24.0	24.0	
		Mid2	m³/min.	24.0	24.0	26.0	26.0	
		Mid	m³/min.	26.0	26.0	29.0	29.0	
		Hi	m³/min.	29.0	29.0	32.0	32.0	
	External Static Pressure		Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	33	33	36	36	
		Mid2	dB(A)	36	36	39	39	
		Mid	dB(A)	39	39	42	42	
		Hi	dB(A)	41	41	44	44	
Sound Level (PWL)	Cooling		62	62	65	65		
Outdoor Unit	Dimensions	Height	mm	1338	1338	1338	1338	
		Width	mm	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight		kg	116	125	118	131	
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	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		70	70	70	70	
	Operating Current(max)		A	26.5	9.5	28.0	13.0	
	Breaker Size		A	32	16	40	16	
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	
		Lower Limit.	°C	-20	-20	-20	-20	

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

Model Name	Indoor Unit			PLA-M35EA	PLA-M50EA	PLA-M60EA	PLA-M71EA	
	Outdoor Unit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Power Supply				Outdoor power supply				
	Out	Source		V	230	230	230	230
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		-	-	-	-	
		Phase		-	-	-	-	
Hz		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Max.	kW	4.5	5.6	6.5	8.1	
		Min.	kW	1.6	2.3	2.7	3.3	
	SHF	Rated		0.84	0.81	0.77	0.73	
	Total Input	Rated	kW	0.83	1.42	1.75	1.87	
	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	
		Max.	kW	5.8	7.3	8.2	10.2	
		Min.	kW	1.6	2.5	2.8	3.5	
	Total Input	Rated	kW	0.92	1.81	2.07	2.11	
	COP			4.44	3.32	3.39	3.79	
	Annual Electricity Consumption		kWh/a	764	1212	1418	1402	
	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	Rated	kW	0.03	0.03	0.03	0.04	
		Operating Current(max)		A	0.20	0.22	0.24	0.27
	Dimensions	Height	mm	258	258	258	258	
		Width	mm	840	840	840	840	
		Depth	mm	840	840	840	840	
	Weight		kg	19	19	21	21	
	Air Volume	Low	m³/min.	11.0	12.0	12.0	14.0	
		Mid2	m³/min.	13.0	14.0	14.0	17.0	
		Mid	m³/min.	15.0	16.0	16.0	19.0	
		Hi	m³/min.	16.0	18.0	18.0	21.0	
	External Static Pressure		Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	26	27	27	28	
		Mid2	dB(A)	28	29	29	30	
		Mid	dB(A)	29	31	31	32	
		Hi	dB(A)	31	32	32	34	
Sound Level (PWL)	Cooling		51	54	54	56		
Outdoor Unit	Dimensions	Height	mm	630	630	943	943	
		Width	mm	809	809	950	950	
		Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)	
	Weight		kg	43	46	70	70	
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0
	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		65	65	67	67	
	Operating Current(max)		A	13.0	13.0	19.0	19.0	
Breaker Size		A	16	16	25	25		
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
	Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
Lower Limit.				°C	-15*	-15*	-15*	-15*
Heating		Upper Limit.	°C	21	21	21	21	
		Lower Limit.	°C	-11	-11	-20	-20	

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

Model Name	Indoor Unit			PLA-M100EA		PLA-M100EA	
	Outdoor Unit			PUHZ-ZRP100VKA3		PUHZ-ZRP100YKA3	
Power Supply	Out			Source	Outdoor power supply		
				V	230	400	
	In			Phase	Single	3	
				Hz	50	50	
				V	-	-	
				Phase	-	-	
Refrigerant				R410A	R410A		
Cooling	Capacity	Rated	kW	9.5	9.5		
		Max.	kW	11.4	11.4		
		Min.	kW	4.9	4.9		
	SHF	Rated		0.74	0.74		
	Total Input	Rated	kW	2.23	2.23		
	EER				4.26	4.26	
	Annual Electricity Consumption			kWh/a	465	476	
	SEER				7.1	6.9	
				Energy efficiency class	A++	A++	
	Heating	Capacity	Rated	kW	11.2	11.2	
Max.			kW	14.0	14.0		
Min.			kW	4.5	4.5		
Total Input		Rated	kW	2.69	2.69		
COP				4.17	4.17		
Annual Electricity Consumption			kWh/a	2468	2468		
SCOP				4.4	4.4		
			Energy efficiency class	A+	A+		
Operating Current(max)			A	27.0	8.5		
Indoor Unit		Input	Rated	kW	0.07	0.07	
	Operating Current(max)			A	0.46	0.46	
	Dimensions		Height	mm	298	298	
			Width	mm	840	840	
			Depth	mm	840	840	
	Weight			kg	24	24	
	Air Volume		Low	m³/min.	19.0	19.0	
			Mid2	m³/min.	23.0	23.0	
			Mid	m³/min.	26.0	26.0	
			Hi	m³/min.	29.0	29.0	
	External Static Pressure			Pa	-	-	
	Sound Level (SPL)		Low	dB(A)	31	31	
			Mid2	dB(A)	34	34	
			Mid	dB(A)	37	37	
			Hi	dB(A)	40	40	
	Sound Level (PWL)	Cooling			61	61	
Outdoor Unit	Dimensions		Height	mm	1338	1338	
			Width	mm	1050	1050	
			Depth	mm	330 (+40)	330 (+40)	
	Weight			kg	116	123	
	Air Volume	Cooling	Rated	m³/min.	110.0	110.0	
		Heating	Rated	m³/min.	110.0	110.0	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	
			Silent	dB(A)	46	46	
		Heating	Rated	dB(A)	51	51	
	Sound Level (PWL) Cooling				69	69	
	Operating Current(max)			A	26.5	8.0	
	Breaker Size			A	32	16	
Ext. Piping	Diameter	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max. Length	Out-In	m	75	75		
	Max. Height	Out-In	Below Indoor	m	30	30	
			Above Indoor	m	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	
			Lower Limit.	°C	-15*	-15*	
	Heating	Upper Limit.	°C	21	21		
		Lower Limit.	°C	-20	-20		

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

Model Name	Indoor Unit			PLA-M125EA	PLA-M125EA	PLA-M140EA	PLA-M140EA		
	Outdoor Unit			PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3		
Power Supply				Source	Outdoor power supply				
	Out				V	230	400	230	400
					Phase	Single	3	Single	3
					Hz	50	50	50	50
	In				V	-	-	-	-
					Phase	-	-	-	-
			Hz	-	-	-	-		
Refrigerant				R410A	R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4		
		Max.	kW	14.0	14.0	15.0	15.0		
		Min.	kW	5.5	5.5	6.2	6.2		
	SHF	Rated		0.71	0.71	0.72	0.72		
	Total Input	Rated	kW	3.87	3.87	4.39	4.39		
	EER				3.23	3.23	3.05	3.05	
	Annual Electricity Consumption			kWh/a	-	-	-	-	
	SEER				-	-	-	-	
	Energy efficiency class				-	-	-	-	
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0	
Max.			kW	16.0	16.0	18.0	18.0		
Min.			kW	5.0	5.0	5.7	5.7		
Total Input		Rated	kW	3.77	3.77	4.90	4.90		
COP				3.71	3.71	3.26	3.26		
Annual Electricity Consumption			kWh/a	-	-	-	-		
SCOP				-	-	-	-		
Energy efficiency class				-	-	-	-		
Operating Current(max)			A	27.2	10.2	28.7	13.7		
Indoor Unit	Input	Rated	kW	0.10	0.10	0.10	0.10		
		Operating Current(max)			A	0.66	0.66	0.66	0.66
	Dimensions	Height	mm	298	298	298	298		
		Width	mm	840	840	840	840		
		Depth	mm	840	840	840	840		
	Weight			kg	26	26	26	26	
	Air Volume	Low	m ³ /min.	21.0	21.0	24.0	24.0		
		Mid2	m ³ /min.	25.0	25.0	26.0	26.0		
		Mid	m ³ /min.	28.0	28.0	29.0	29.0		
		Hi	m ³ /min.	31.0	31.0	32.0	32.0		
	External Static Pressure			Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	33	33	36	36		
		Mid2	dB(A)	37	37	39	39		
		Mid	dB(A)	41	41	42	42		
		Hi	dB(A)	44	44	44	44		
Sound Level (PWL)	Cooling		65	65	65	65			
Outdoor Unit	Dimensions	Height	mm	1338	1338	1338	1338		
		Width	mm	1050	1050	1050	1050		
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)		
	Weight			kg	116	125	118	131	
	Air Volume	Cooling	Rated	m ³ /min.	120.0	120.0	120.0	120.0	
		Heating	Rated	m ³ /min.	120.0	120.0	120.0	120.0	
	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		70	70	70	70		
	Operating Current(max)			A	26.5	9.5	28.0	13.0	
	Breaker Size			A	32	16	40	16	
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30	
			Above Indoor	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46		
			Lower Limit.	°C	-15*	-15*	-15*		
	Heating	Upper Limit.	°C	21	21	21			
		Lower Limit.	°C	-20	-20	-20			

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

3. Mr.Slim+

Model Name	Indoor Unit			PLA-ZM71EA	
	Outdoor Unit			PUHZ-FRP71VHA2	
Power Supply	Source			Outdoor power supply	
	Out	V		230	
		Phase		Single	
		Hz		50	
	In	V		-	
Phase		-			
Refrigerant				R410A	
Cooling	Capacity	Rated	kW	7.1	
		Max.	kW	8.1	
		Min.	kW	3.3	
	SHF	Rated		-	
	Total Input	Rated	kW	1.88	
	EER			3.77	
	Annual Electricity Consumption			kWh/a	376
	SEER			6.6	
Energy efficiency class			A++		
Heating	Capacity	Rated	kW	8.0	
		Max.	kW	10.2	
		Min.	kW	3.5	
	Total Input	Rated	kW	2.11	
	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	Rated	kW	0.05	
		Operating Current(max)			A
	Dimensions	Height	mm	298	
		Width	mm	840	
		Depth	mm	840	
	Weight			kg	24
	Air Volume	Low	m ³ /min.	17.0	
		Mid2	m ³ /min.	19.0	
		Mid	m ³ /min.	21.0	
		Hi	m ³ /min.	23.0	
	External Static Pressure			Pa	-
	Sound Level (SPL)	Low	dB(A)	28	
		Mid2	dB(A)	30	
		Mid	dB(A)	33	
		Hi	dB(A)	36	
Sound Level (PWL)	Cooling		57		
Outdoor Unit	Dimensions	Height	mm	943	
		Width	mm	950	
		Depth	mm	330 (+30)	
	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		67	
	Operating Current(max)			A	19.0
Breaker Size			A	25	
Ext. Piping	Diameter	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
	Heating	Upper Limit.	°C	21	
		Lower Limit.	°C	-20	

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

4.Standard Inverter SERIES

Model Name		Indoor Unit		PLA-M35EA	PLA-M50EA	PLA-M60EA	PLA-M71EA	
		Outdoor Unit		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	
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		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	3.6	5.5	5.7	7.1	
		Max.	kW	3.9	5.6	6.3	8.1	
		Min.	kW	1.4	2.3	2.3	2.8	
	SHF	Rated		0.84	0.81	0.76	0.73	
	Total Input	Rated	kW	1.02	1.61	1.76	2.10	
	EER			3.50	3.40	3.23	3.38	
	Annual Electricity Consumption			kWh/a	181	295	307	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
Max.			kW	5.0	7.2	8.0	10.2	
Min.			kW	1.7	1.7	2.5	2.6	
Total Input		Rated	kW	1.00	1.69	1.97	2.24	
COP			4.10	3.43	3.50	3.56		
Annual Electricity Consumption			kWh/a	826	1505	1498	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	Rated	kW	0.03	0.03	0.03	0.04	
		Operating Current(max)		A	0.20	0.22	0.24	0.27
	Dimensions	Height	mm	258	258	258	258	
		Width	mm	840	840	840	840	
		Depth	mm	840	840	840	840	
	Weight			kg	19	19	21	21
	Air Volume	Low	m ³ /min.	11.0	12.0	12.0	14.0	
		Mid2	m ³ /min.	13.0	14.0	14.0	17.0	
		Mid	m ³ /min.	15.0	16.0	16.0	19.0	
		Hi	m ³ /min.	16.0	18.0	18.0	21.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	26	27	27	28	
		Mid2	dB(A)	28	29	29	30	
		Mid	dB(A)	29	31	31	32	
		Hi	dB(A)	31	32	32	34	
	Sound Level (PWL)	Cooling		51	54	54	56	
Outdoor Unit	Dimensions	Height	mm	550	880	880	880	
		Width	mm	800	840	840	840	
		Depth	mm	285	330	330	330	
	Weight			kg	35	54	50	53
	Air Volume	Cooling	Rated	m ³ /min.	36.3	44.6	40.9	50.1
		Heating	Rated	m ³ /min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling		62	65	65	69	
	Operating Current(max)			A	8.2	12.0	14.0	16.1
	Breaker Size			A	10	20	20	20
	Ext. Piping	Diameter	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	Below Indoor	m	12	30	30	30
			Above Indoor	m	12	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-10	-15	-15	-15
	Heating	Upper Limit.	°C	24	24	24	24	
		Lower Limit.	°C	-10	-10	-10	-10	

Model Name	Indoor Unit			PLA-M100EA	PLA-M125EA	PLA-M140EA	
	Outdoor Unit			PUHZ-P100VKA	PUHZ-P125VKA	PUHZ-P140VKA	
Power Supply				Outdoor power supply			
	Out	Source		V	230	230	230
		Phase		Single	Single	Single	Single
		Hz		50	50	50	50
	In	V		-	-	-	-
		Phase		-	-	-	-
Hz		-	-	-	-		
Refrigerant				R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	9.4	12.1	13.6	
		Max.	kW	10.6	13.0	14.1	
		Min.	kW	3.7	5.6	5.8	
	SHF	Rated		0.77	0.73	0.70	
	Total Input	Rated	kW	3.18	4.10	5.41	
	EER			2.95	2.95	2.51	
	Annual Electricity Consumption		kWh/a	538	-	-	
	SEER			6.1	-	-	
			Energy efficiency class	A++	-	-	
	Heating	Capacity	Rated	kW	11.2	13.5	15.0
Max.			kW	12.5	15.0	15.8	
Min.			kW	2.8	4.8	4.9	
Total Input		Rated	kW	3.26	3.73	4.67	
COP			3.43	3.61	3.21		
Annual Electricity Consumption		kWh/a	2432	-	-		
SCOP			4.6	-	-		
		Energy efficiency class	A++	-	-		
Operating Current(max)			A	20.5	27.2	30.7	
Indoor Unit	Input	Rated	kW	0.07	0.10	0.10	
		Operating Current(max)		A	0.46	0.66	0.66
	Dimensions	Height	mm	298	298	298	
		Width	mm	840	840	840	
		Depth	mm	840	840	840	
	Weight		kg	24	26	26	
	Air Volume	Low	m ³ /min.	19.0	21.0	24.0	
		Mid2	m ³ /min.	23.0	25.0	26.0	
		Mid	m ³ /min.	26.0	28.0	29.0	
		Hi	m ³ /min.	29.0	31.0	32.0	
	External Static Pressure		Pa	-	-	-	
	Sound Level (SPL)	Low	dB(A)	31	33	36	
		Mid2	dB(A)	34	37	39	
		Mid	dB(A)	37	41	42	
		Hi	dB(A)	40	44	44	
Sound Level (PWL)	Cooling		61	65	65		
Outdoor Unit	Dimensions	Height	mm	981	981	981	
		Width	mm	1050	1050	1050	
		Depth	mm	330(+40)	330(+40)	330(+40)	
	Weight		kg	76	84	84	
	Air Volume	Cooling	Rated	m ³ /min.	79	86	86
		Heating	Rated	m ³ /min.	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	54	56
		Silent	dB(A)	49	52	54	
	Sound Level (PWL)	Heating	Rated	dB(A)	54	56	57
		Cooling			70	72	75
	Operating Current(max)		A	20	26.5	30	
	Breaker Size		A	32	32	40	
	Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52
Gas			mm	15.88	15.88	15.88	
Max. Length		Out-In	m	50	50	50	
Max. Height		Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	
			Lower Limit.	°C	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	
		Lower Limit.	°C	-15	-15	-15	

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

Model Name	Indoor Unit			PLA-M100EA	PLA-M125EA	PLA-M140EA		
	Outdoor Unit			PUHZ-P100YKA	PUHZ-P125YKA	PUHZ-P140YKA		
Power Supply	Out			Source	Outdoor power supply			
				V	400	400	400	
	In			Phase	3	3	3	
				Hz	50	50	50	
				V	-	-	-	
			Phase	-	-	-		
			Hz	-	-	-		
Refrigerant				R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	9.4	12.1	13.6		
		Max.	kW	10.6	13.0	14.1		
		Min.	kW	3.7	5.6	5.8		
	SHF	Rated		0.77	0.73	0.70		
	Total Input	Rated	kW	3.18	4.10	5.42		
	EER			2.95	2.95	2.51		
	Annual Electricity Consumption		kWh/a	538	-	-		
	SEER			6.1	-	-		
			Energy efficiency class	A++	-	-		
Heating	Capacity	Rated	kW	11.2	13.5	15.0		
		Max.	kW	12.5	15.0	15.8		
		Min.	kW	2.8	4.8	4.9		
	Total Input	Rated	kW	3.26	3.73	4.67		
	COP			3.43	3.61	3.21		
	Annual Electricity Consumption		kWh/a	2432	-	-		
	SCOP			4.6	-	-		
				Energy efficiency class	A++	-	-	
Operating Current(max)			A	12.0	12.2	12.2		
Indoor Unit	Input	Rated	kW	0.07	0.10	0.10		
		Operating Current(max)		A	0.46	0.66	0.66	
	Dimensions		Height	mm	298	298	298	
			Width	mm	840	840	840	
			Depth	mm	840	840	840	
	Weight			kg	24	26	26	
	Air Volume		Low	m³/min.	19.0	21.0	24.0	
			Mid2	m³/min.	23.0	25.0	26.0	
			Mid	m³/min.	26.0	28.0	29.0	
			Hi	m³/min.	29.0	31.0	32.0	
	External Static Pressure			Pa	-	-	-	
	Sound Level (SPL)		Low	dB(A)	31	33	36	
			Mid2	dB(A)	34	37	39	
			Mid	dB(A)	37	41	42	
Hi			dB(A)	40	44	44		
Sound Level (PWL)	Cooling			61	65	65		
Outdoor Unit	Dimensions		Height	mm	981	981	981	
			Width	mm	1050	1050	1050	
			Depth	mm	330(+40)	330(+40)	330(+40)	
	Weight			kg	78	85	85	
	Air Volume		Cooling	Rated	m³/min.	79	86	86
			Heating	Rated	m³/min.	79	92	92
	Sound Level (SPL)		Cooling	Rated	dB(A)	51	54	56
			Silent		dB(A)	49	52	54
			Heating	Rated	dB(A)	54	56	57
	Sound Level (PWL)	Cooling			70	72	75	
	Operating Current(max)			A	11.5	11.5	11.5	
Breaker Size			A	16	16	16		
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52		
		Gas	mm	15.88	15.88	15.88		
	Max. Length	Out-In	m	50	50	50		
	Max. Height		Below Indoor	m	30	30	30	
			Above Indoor	m	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
		Lower Limit.		°C	-15*	-15*	-15*	
	Heating		Upper Limit.	°C	21	21	21	
			Lower Limit.		°C	-15	-15	-15

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

Model Name	Indoor Unit			PLA-SM71EA	PLA-SM100EA	
	Outdoor Unit			SUZ-SA71VA3	SUZ-SA100VA2	
Power Supply	Out			Source	Outdoor power supply	
				V	230	230
	In			Phase	Single	Single
				Hz	50	50
				V	-	-
Refrigerant			Phase	-	-	
			Hz	-	-	
Cooling	Capacity	Rated	kW	7.1	9.4	
		Max.	kW	8.1	9.9	
		Min.	kW	3.2	5.0	
	SHF	Rated		0.77	0.84	
	Total Input	Rated	kW	2.218	3.122	
	EER			3.20	3.01	
	Annual Electricity Consumption		kWh/a	421	576	
	SEER			5.9	5.7	
		Energy efficiency class			A+	A+
	Heating	Capacity	Rated	kW	8.0	11.2
Max.			kW	8.9	11.5	
Min.			kW	3.5	5.1	
Total Input		Rated	kW	2.49	3.48	
COP				3.21	3.21	
Annual Electricity Consumption			kWh/a	2081	2685	
SCOP				3.9	4.1	
		Energy efficiency class			A	A+
Operating Current(max)			A	16.4	16.6	
Indoor Unit	Input	Rated	kW	0.04	0.07	
		Operating Current(max)	A	0.27	0.46	
	Dimensions		Height	mm	258	298
			Width	mm	840	840
			Depth	mm	840	840
	Weight		kg	21	24	
	Air Volume	Low	Mid	m³/min.	14.0	19.0
			Mid2	m³/min.	17.0	23.0
			Mid	m³/min.	19.0	26.0
			Hi	m³/min.	21.0	29.0
	External Static Pressure			Pa	-	-
	Sound Level (SPL)	Low	Mid	dB(A)	28	31
			Mid2	dB(A)	30	34
			Mid	dB(A)	32	37
Hi			dB(A)	34	40	
Sound Level (PWL) Cooling			56	61		
Outdoor Unit	Dimensions		Height	mm	880	880
			Width	mm	840	840
			Depth	mm	330	330
	Weight		kg	52	56	
	Air Volume	Cooling	Rated	m³/min.	50.1	53.6
		Heating	Rated	m³/min.	48.2	53.7
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55
			Silent	dB(A)	-	-
		Heating	Rated	dB(A)	55	55
	Sound Level (PWL) Cooling			69	69	
Operating Current(max)			A	16.1	16.1	
Breaker Size			A	20	20	
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	
		Gas	mm	15.88	15.88	
	Max. Length	Out-In	m	30	30	
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-10	-10
	Heating	Upper Limit.	°C	24	24	
		Lower Limit.	°C	-10	-10	

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

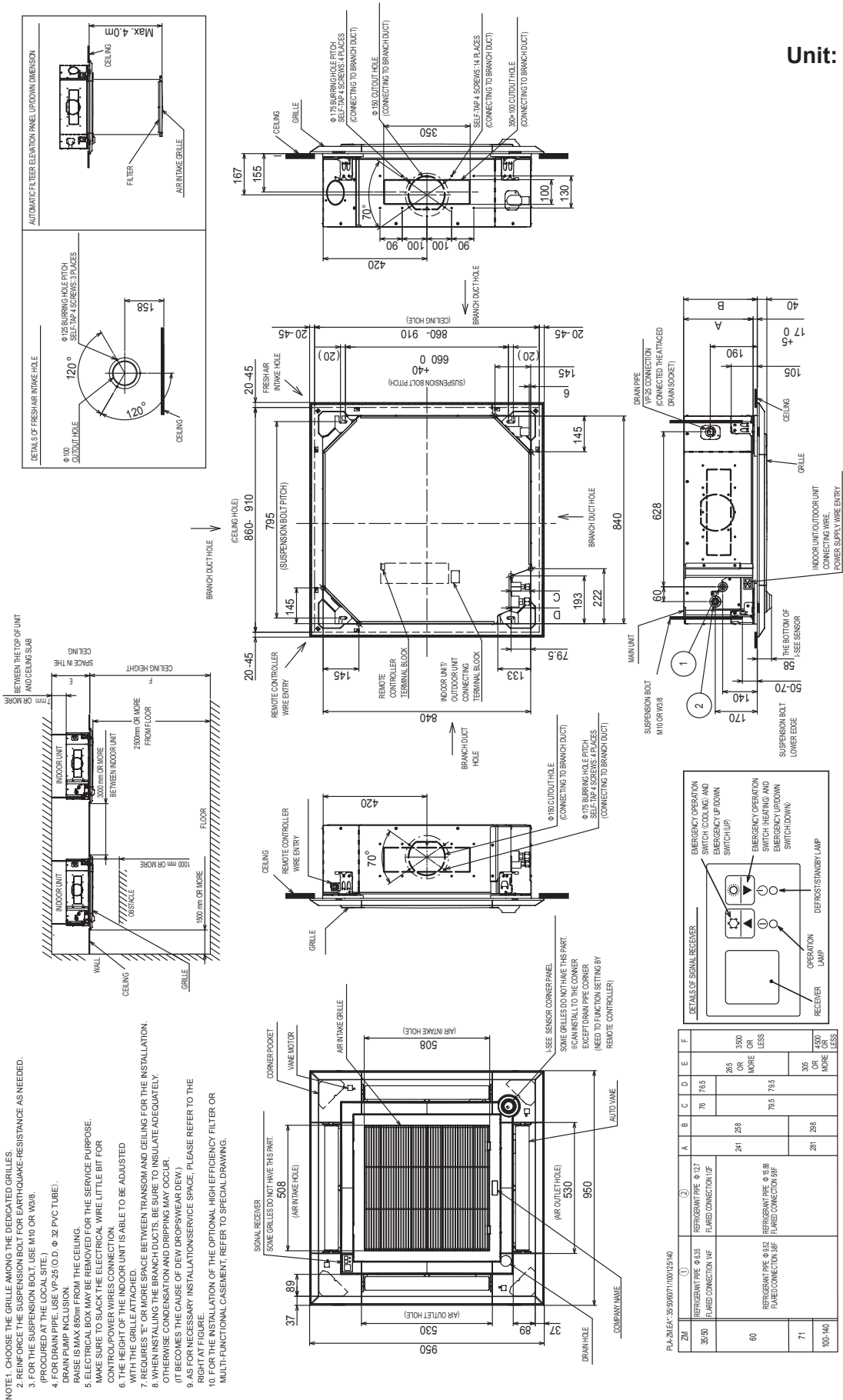
Model Name		Indoor Unit		PLA-SM100EA	PLA-SM125EA	PLA-SM125EA	PLA-SM140EA	PLA-SM140EA	
		Outdoor Unit		PUHZ-SP100YKA	PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA	
Power Supply			Source	Outdoor power supply					
	Out	V		400	230	400	230	400	
		Phase		3	Single	3	Single	3	
		Hz		50	50	50	50	50	
	In	V		-	-	-	-	-	
		Phase		-	-	-	-	-	
Hz		-	-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	9.4	12.1	12.1	13.6	13.6	
		Max.	kW	10.6	13.0	13.0	14.0	14.0	
		Min.	kW	3.7	5.6	5.6	5.8	5.8	
	SHF	Rated		0.77	0.73	0.73	0.70	0.70	
	Total Input	Rated	kW	3.29	4.24	4.24	5.64	5.64	
	EER			2.85	2.85	2.85	2.41	2.41	
	Annual Electricity Consumption		kWh/a	576	-	-	-	-	
	SEER			5.7	-	-	-	-	
			Energy efficiency class		A+	-	-	-	-
	Heating	Capacity	Rated	kW	11.2	13.5	13.5	15.0	15.0
Max.			kW	12.5	15.0	15.0	17.0	17.0	
Min.			kW	2.8	4.8	4.8	5.0	5.0	
Total Input		Rated	kW	3.48	3.95	3.95	4.82	4.82	
COP				3.21	3.41	3.41	3.11	3.11	
Annual Electricity Consumption			kWh/a	2727	-	-	-	-	
SCOP				4.1	-	-	-	-	
		Energy efficiency class		A+	-	-	-	-	
Operating Current(max)			A	12.0	27.2	12.2	30.7	12.2	
Indoor Unit		Input	Rated	kW	0.07	0.10	0.10	0.10	0.10
	Operating Current(max)		A	0.46	0.66	0.66	0.66	0.66	
	Dimensions	Height	mm	298	298	298	298	298	
		Width	mm	840	840	840	840	840	
		Depth	mm	840	840	840	840	840	
	Weight		kg	24	26	26	26	26	
	Air Volume	Low	m ³ /min.	19	21.0	21.0	24.0	24.0	
		Mid2	m ³ /min.	23	25.0	25.0	26.0	26.0	
		Mid	m ³ /min.	26	28.0	28.0	29.0	29.0	
		Hi	m ³ /min.	29	31.0	31.0	32.0	32.0	
	External Static Pressure			Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	31	33	33	36	36	
		Mid2	dB(A)	34	37	37	39	39	
		Mid	dB(A)	37	41	41	42	42	
		Hi	dB(A)	40	44	44	44	44	
	Sound Level (PWL)	Cooling		61	63	63	70	70	
Outdoor Unit	Dimensions	Height	mm	981	981	981	981	981	
		Width	mm	1050	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight		kg	78	85	85	84	85	
	Air Volume	Cooling	Rated	m ³ /min.	79	86	86	86	86
		Heating	Rated	m ³ /min.	79	86	86	86	86
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	54	54	56	56
		Heating	Rated	dB(A)	49	52	52	54	54
	Sound Level (PWL)	Cooling	Rated	dB(A)	54	56	56	57	57
		Cooling			70	72	72	75	75
	Operating Current(max)			A	11.5	26.5	11.5	30	11.5
	Breaker Size			A	16	32	16	40	16
	Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52	9.52	9.52
Gas			mm	15.88	15.88	15.88	15.88	15.88	
Max. Length		Out-In	m	30	40	40	40	40	
Max. Height		Out-In	Below Indoor	m	30	30	30	30	30
			Above Indoor	m	30	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	21	
		Lower Limit.	°C	-15	-15	-15	-15	-15	

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

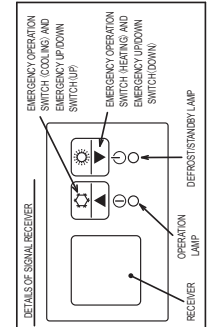
A.1.2 OUTLINE DIMENSIONS

- PLA-ZM35EA PLA-ZM100EA
- PLA-ZM50EA PLA-ZM125EA
- PLA-ZM60EA PLA-ZM140EA
- PLA-ZM71EA

Unit: mm



- NOTE: 1. CHOOSE THE GRILLE AMONG THE DEDICATED GRILLES.
 2. REINFORCE THE SUSPENSION BOLT FOR EARTHQUAKE-RESISTANCE AS NEEDED.
 3. FOR THE SUSPENSION BOLT, USE M10 OR M8.
 4. FOR DRAIN PIPE, USE VP-25 (C.D. ϕ 22 PVC TUBE).
 5. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE.
 6. THE HEIGHT OF THE INDOOR UNIT IS ABLE TO BE ADJUSTED WITH THE GRILLE ATTACHED.
 7. REQUIRES "E" OR MORE SPACE BETWEEN TRANSOM AND CEILING FOR THE INSTALLATION.
 8. WHEN INSTALLING THE BRANCH DUCTS, BE SURE TO INSULATE ADEQUATELY. OTHERWISE CONDENSATION AND DRIPPING MAY OCCUR.
 9. FOR THE PRIMARY INSTALLATION SERVICE SPACE, PLEASE REFER TO THE RIGHT AT FIGURE 10.
 10. FOR THE INSTALLATION OF THE OPTIONAL HIGH-EFFICIENCY FILTER OR MULTI-FUNCTIONAL CASEMENT, REFER TO SPECIAL DRAWING.

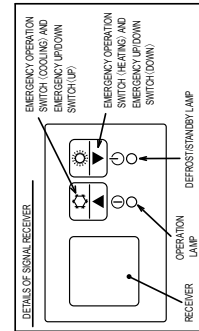
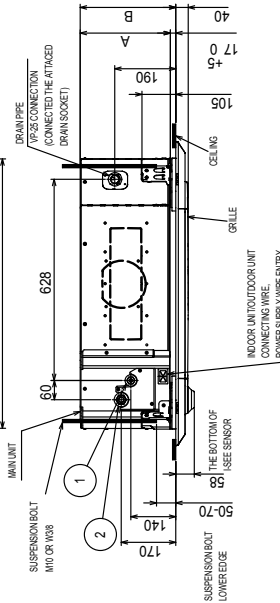
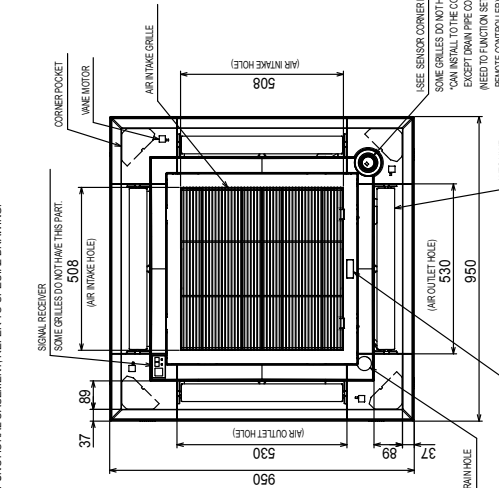
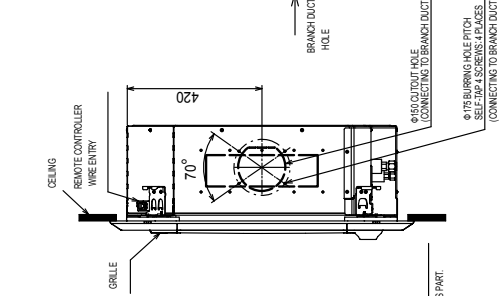
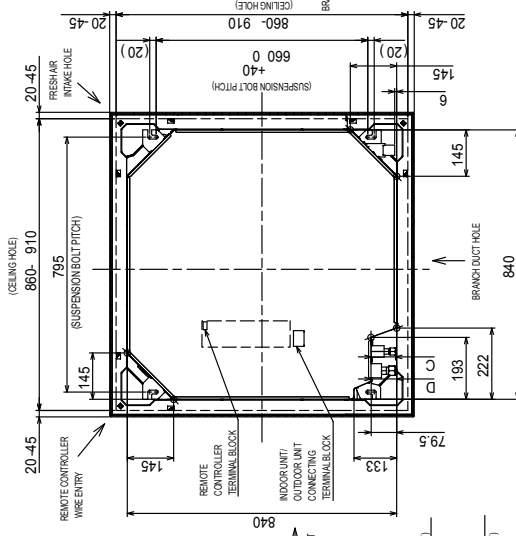
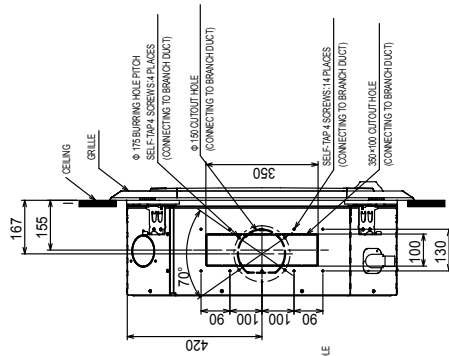
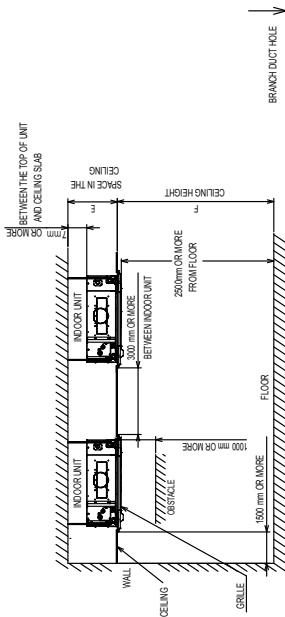
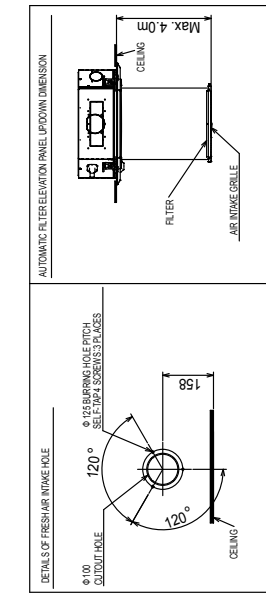


PLA-ZM EA	①	②	A	B	C	D	E	F
ZM35EA	REFRIGERANT PIPE ϕ 12.7 FLARED CONNECTION W/F	REFRIGERANT PIPE ϕ 12.7 FLARED CONNECTION W/F	241	253	76	76.5	265	3300 OR MORE
ZM50EA	REFRIGERANT PIPE ϕ 15.8 FLARED CONNECTION W/F	REFRIGERANT PIPE ϕ 15.8 FLARED CONNECTION W/F					79.5	79.5
ZM60EA	REFRIGERANT PIPE ϕ 15.8 FLARED CONNECTION W/F	REFRIGERANT PIPE ϕ 15.8 FLARED CONNECTION W/F						306
ZM71EA								1490 OR MORE
ZM100EA								LESS

PLA-M35EA
PLA-M50EA
PLA-M60EA
PLA-M71EA

PLA-M100EA
PLA-M125EA
PLA-M140EA

Unit: mm

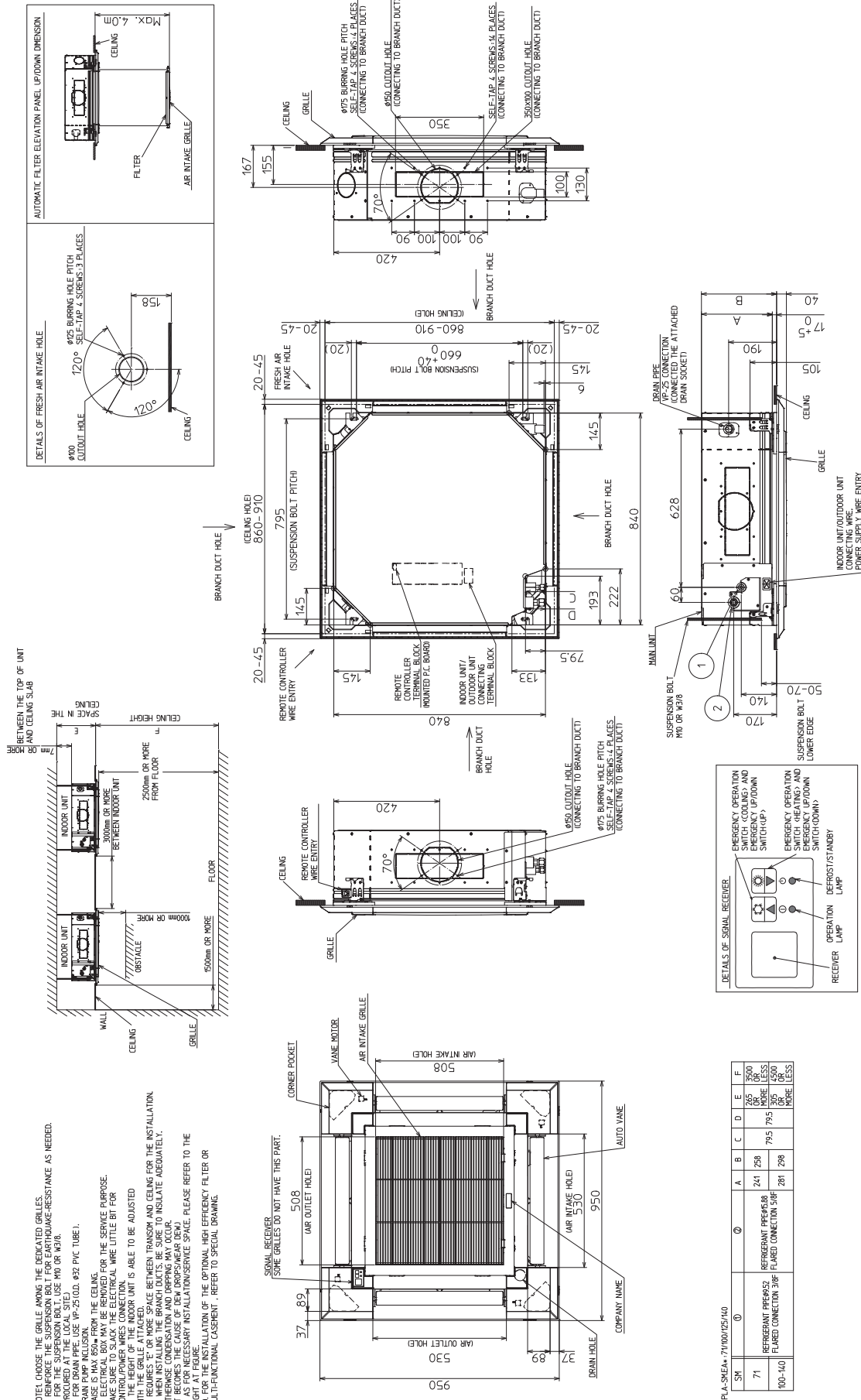


M	(1)	(2)	A	B	C	D	E	F
PLA-MEA-3500W/7100/125140								
3550	REFRIGERANT PIPE Φ18.8 FLARED CONNECTION 1/4"	REFRIGERANT PIPE Φ12.7 FLARED CONNECTION 1/2"	76	76.5				
60	REFRIGERANT PIPE Φ18.8 FLARED CONNECTION 1/4"	REFRIGERANT PIPE Φ12.7 FLARED CONNECTION 1/2"	241	239	86.5			265 500 MORE LESS
71	REFRIGERANT PIPE Φ18.8 FLARED CONNECTION 1/4"	REFRIGERANT PIPE Φ12.7 FLARED CONNECTION 1/2"			76.5			305 450 MORE LESS
100-140	REFRIGERANT PIPE Φ18.8 FLARED CONNECTION 1/4"	REFRIGERANT PIPE Φ12.7 FLARED CONNECTION 1/2"	281	286	79.5			305 450 MORE LESS

- NOTE: 1. CHOOSE THE GRILLE AMONG THE DEDICATED GRILLES.
2. REINFORCE THE SUSPENSION BOLT FOR EARTHQUAKE RESISTANCE AS NEEDED.
3. FOR THE SUSPENSION BOLT, USE M10 OR W3/8 (LOCAL SIZE).
4. FOR DRAIN PIPE, USE 1/2" (OD), Φ 32 PVC TUBE.
5. DRAIN PUMP INCLUSION.
6. RAISE IS MAX 80mm FROM THE CEILING.
7. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE.
8. MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR CONTROL POWER WIRES CONNECTION.
9. THE HEIGHT OF THE INDOOR UNIT IS ABLE TO BE ADJUSTED WITH THE GRILLE ATTACHED.
10. REQUIRES "E" OR MORE SPACE BETWEEN TRANSOM AND CEILING FOR THE INSTALLATION.
11. WHEN INSTALLING THE BRANCH DUCTS, BE SURE TO INSULATE ADEQUATELY.
12. OTHERWISE CONDENSATION AND DRIPPING MAY OCCUR.
13. IF IT BECOMES THE CAUSE OF DEW DROPS (WEAR DEW).
14. FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER OR RIGHT AT FIGURE.
15. FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER OR MULTI-FUNCTIONAL CASEMENT, REFER TO SPECIAL DRAWING.

PLA-SM71EA
PLA-SM100EA
PLA-SM125EA
PLA-SM140EA

Unit: mm



PLA-SM71EA-711600/02/140

①	②	A	B	C	D	E	F
71	REFRIGERANT PIPE Ø63.5 FLARED CONNECTION 3/8"	241	258	795	795	300	300
100-140	REFRIGERANT PIPE Ø75 FLARED CONNECTION 3/8"	281	298	795	795	330	330

A.1.3 WIRING DIAGRAM

- PLA-ZM35EA PLA-ZM100EA
- PLA-ZM50EA PLA-ZM125EA
- PLA-ZM60EA PLA-ZM140EA
- PLA-ZM71EA

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)
F1	FUSE (T6.3AL250V)	R.B	WIRED REMOTE CONTROLLER
LED1	POWER SUPPLY (I.B)	OPTION PART	
LED2	POWER SUPPLY (R.B)	W.B	PCB OF SIGNAL RECEIVER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	BZ	BUZZER
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>	LED1	LED (OPERATION INDICATION : GREEN)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SWE	CONNECTOR (EMERGENCY OPERATION)	RU	RECEIVING UNIT
DP	DRAIN PUMP	SW1	EMERGENCY OPERATION (HEAT / DOWN)
FS	DRAIN FLOAT SWITCH	SW2	EMERGENCY OPERATION (COOL / UP)
MF	FAN MOTOR	MT	I-SEE SENSOR MOTOR
MV	VANE MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)

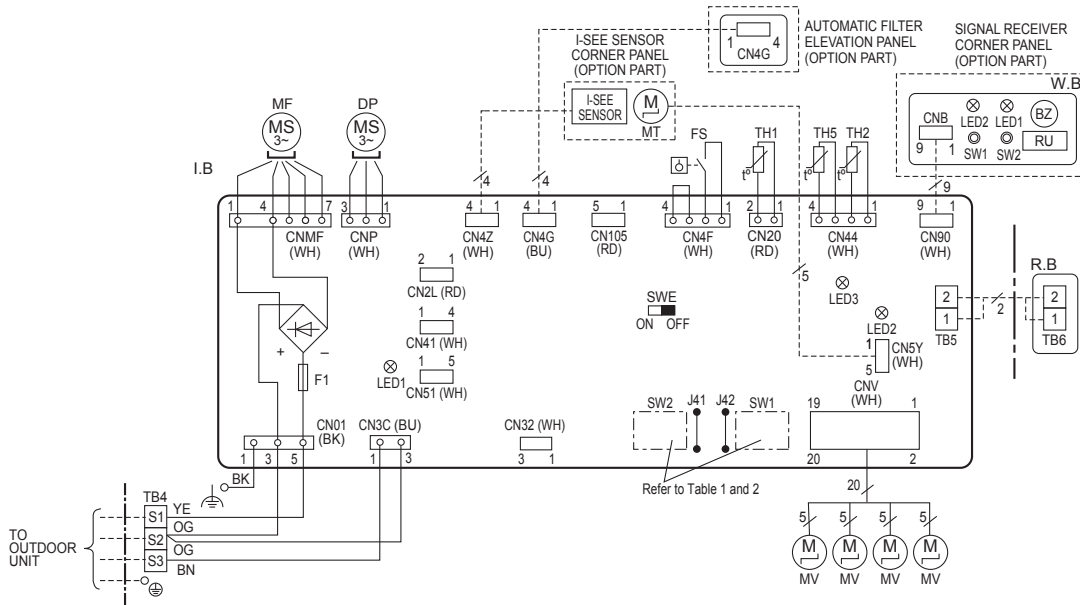
<Table 1> SW1 (MODEL SELECTION)

MODELS	Manufacture/Service
PLA-ZM.EA	1 2 3 4 5 6 ON/OFF

<Table 2> SW2 (CAPACITY CODE)

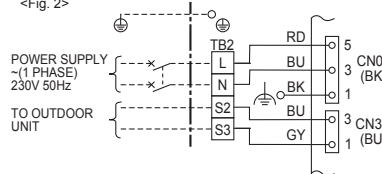
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
35	1 2 3 4 5 ON/OFF	71	1 2 3 4 5 ON/OFF	140	1 2 3 4 5 ON/OFF
50	1 2 3 4 5 ON/OFF	100	1 2 3 4 5 ON/OFF		
60	1 2 3 4 5 ON/OFF	125	1 2 3 4 5 ON/OFF		

The black square (■) indicates a switch position.

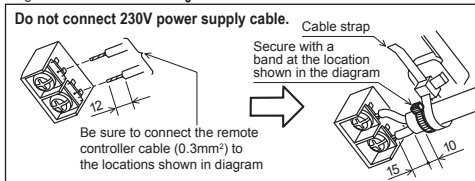


- Notes:
1. Symbols used in wiring diagram above are, []: Terminal (block), []: Connector.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric 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).	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)		

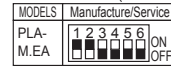
PLA-M35EA
PLA-M50EA
PLA-M60EA
PLA-M71EA

PLA-M100EA
PLA-M125EA
PLA-M140EA

[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)
F1	FUSE (T6.3AL250V)	R.B	WIRED REMOTE CONTROLLER
LED1	POWER SUPPLY (I.B)	OPTION PART	
LED2	POWER SUPPLY (R.B)	W.B	PCB OF SIGNAL RECEIVER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	BZ	BUZZER
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>	LED1	LED (OPERATION INDICATION : GREEN)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SWE	CONNECTOR (EMERGENCY OPERATION)	RU	RECEIVING UNIT
DP	DRAIN PUMP	SW1	EMERGENCY OPERATION (HEAT / DOWN)
FS	DRAIN FLOAT SWITCH	SW2	EMERGENCY OPERATION (COOL / UP)
MF	FAN MOTOR	MT	I-SEE SENSOR MOTOR
MV	VANE MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)

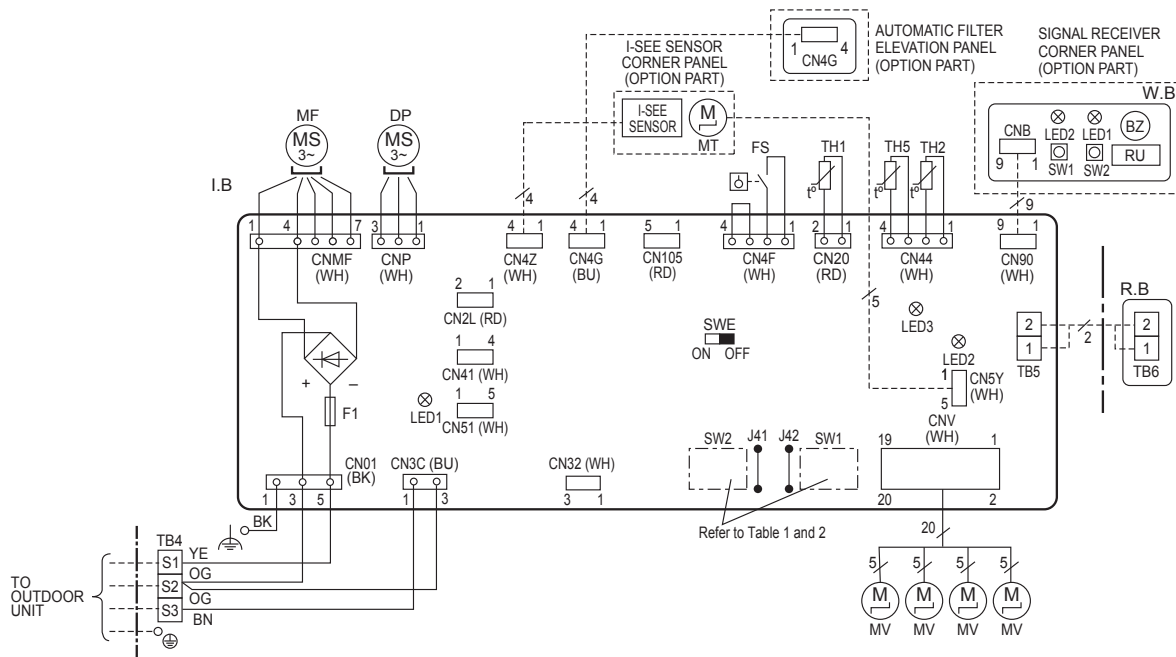
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

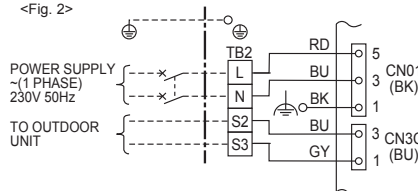
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
35	1 2 3 4 5 ON OFF	71	1 2 3 4 5 ON OFF	140	1 2 3 4 5 ON OFF
50	1 2 3 4 5 ON OFF	100	1 2 3 4 5 ON OFF		
60	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF		

The black square (■) indicates a switch position.

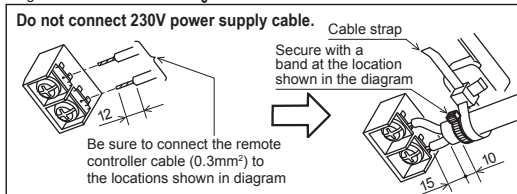


- Notes:
- Symbols used in wiring diagram above are, □□□: Terminal (block), □○□: Connector.
 - Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 - Since the outdoor side electric wiring may change be sure to check the outdoor unit electric 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. 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.

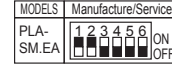
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0~E5	Abnormality of the signal transmission 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-SM71EA
PLA-SM100EA
PLA-SM125EA
PLA-SM140EA

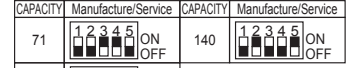
[LEGEND]

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)
F1	FUSE (T6.3A/250V)	R.B	WIRED REMOTE CONTROLLER
LED1	POWER SUPPLY (I.B)	OPTION PART	
LED2	POWER SUPPLY (R.B)	W.B	PCB OF SIGNAL RECEIVER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	BZ	BUZZER
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>	LED1	LED (OPERATION INDICATION : GREEN)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SWE	CONNECTOR (EMERGENCY OPERATION)	RU	RECEIVING UNIT
DP	DRAIN PUMP	SW1	EMERGENCY OPERATION (HEAT / DOWN)
FS	DRAIN FLOAT SWITCH	SW2	EMERGENCY OPERATION (COOL / UP)
MF	FAN MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)
MV	VANE MOTOR		

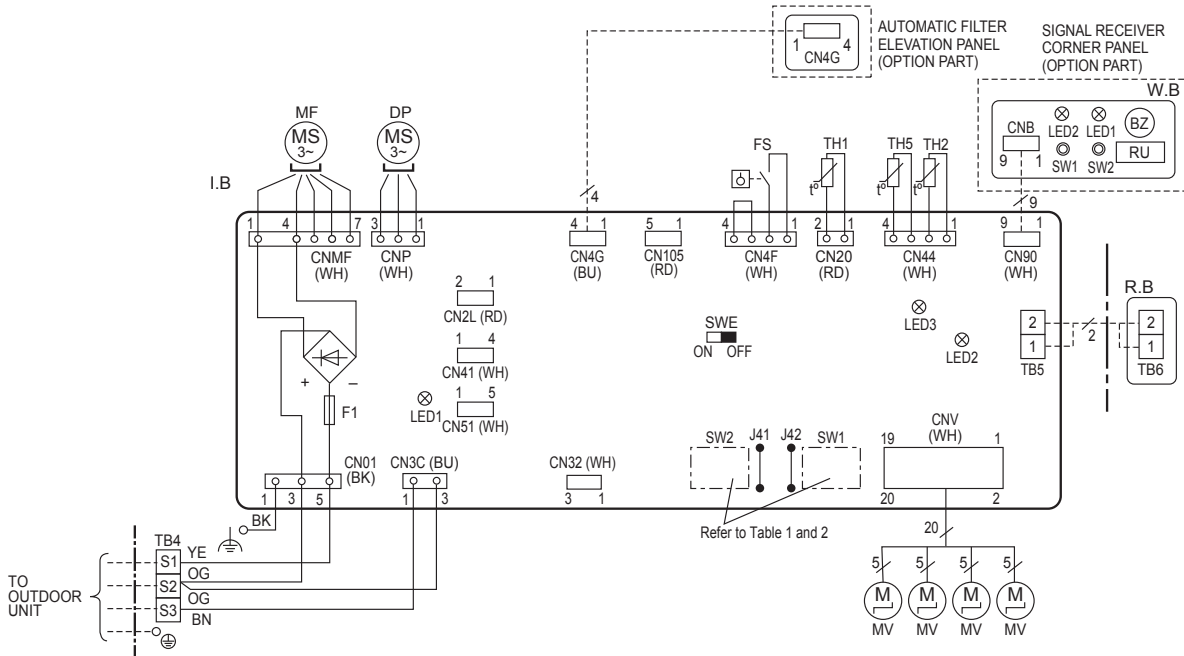
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

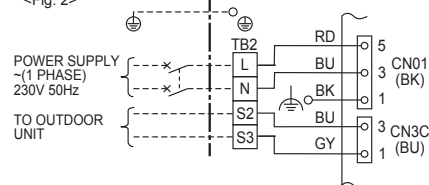


The black square (■) indicates a switch position.

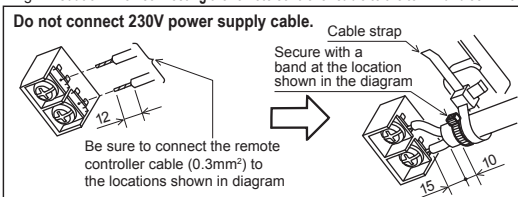


- Notes:
1. Symbols used in wiring diagram above are, □:Terminal (block), ○:Connector.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric 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.

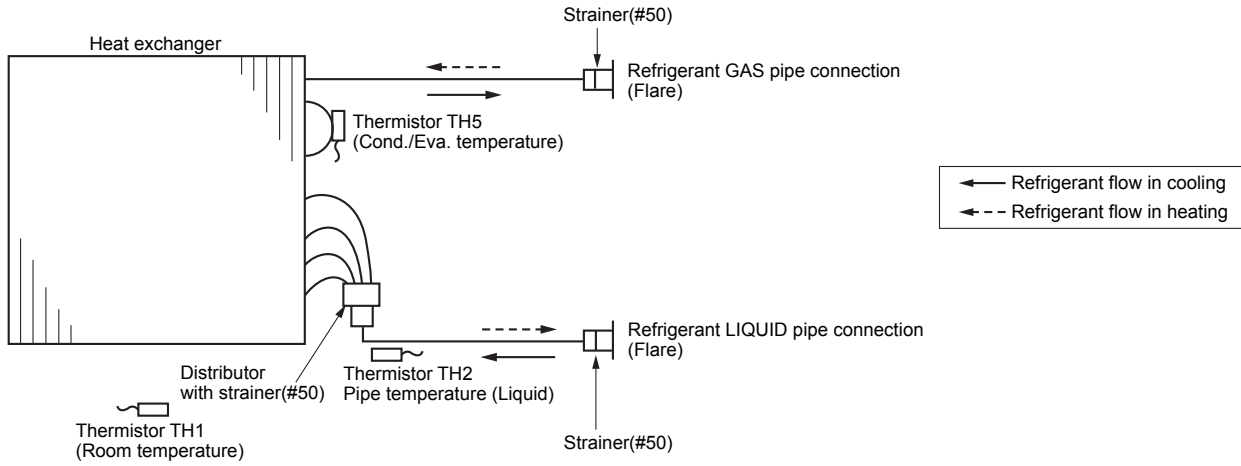
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0~E5	Abnormality of the signal transmission 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)		

A.1.4 REFRIGERANT SYSTEM DIAGRAM

PLA-ZM35EA
 PLA-ZM50EA
 PLA-ZM60EA
 PLA-ZM71EA
 PLA-ZM100EA
 PLA-ZM125EA
 PLA-ZM140EA

PLA-M35EA
 PLA-M50EA
 PLA-M60EA
 PLA-M71EA
 PLA-M100EA
 PLA-M125EA
 PLA-M140EA

PLA-SM71EA
 PLA-SM100EA
 PLA-SM125EA
 PLA-SM140EA



A.1.5 PERFORMANCE DATA

A.1.5.1 R32 type

COOLING CAPACITY

PLA-ZM35EA / PUZ-ZM35VKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	1.00	0.818
34	22	4,032	4,032	1.00	0.726	3,888	3,888	1.00	0.783	3,672	3,672	1.00	0.832

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-ZM50EA / PUZ-ZM50VKA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,515	0.71	0.885	4,800	3,408	0.71	0.935	4,650	3,302	0.71	0.990
20	18	5,300	3,127	0.59	0.901	5,150	3,039	0.59	0.951	4,975	2,935	0.59	1.018
20	20	5,700	2,679	0.47	0.929	5,575	2,620	0.47	0.973	5,425	2,550	0.47	1.040
22	16	4,950	3,911	0.79	0.885	4,800	3,792	0.79	0.935	4,650	3,674	0.79	0.990
22	18	5,300	3,551	0.67	0.901	5,150	3,451	0.67	0.951	4,975	3,333	0.67	1.018
22	20	5,700	3,135	0.55	0.929	5,575	3,066	0.55	0.973	5,425	2,984	0.55	1.040
24	16	4,950	4,307	0.87	0.885	4,800	4,176	0.87	0.935	4,650	4,046	0.87	0.990
24	18	5,300	3,975	0.75	0.901	5,150	3,863	0.75	0.951	4,975	3,731	0.75	1.018
24	20	5,700	3,591	0.63	0.929	5,575	3,512	0.63	0.973	5,425	3,418	0.63	1.040
24	22	6,075	3,098	0.51	0.951	5,950	3,035	0.51	1.006	5,800	2,958	0.51	1.073
26	16	4,950	4,703	0.95	0.885	4,800	4,560	0.95	0.935	4,650	4,418	0.95	0.990
26	18	5,300	4,399	0.83	0.901	5,150	4,275	0.83	0.951	4,975	4,129	0.83	1.018
26	20	5,700	4,047	0.71	0.929	5,575	3,958	0.71	0.973	5,425	3,852	0.71	1.040
26	22	6,075	3,584	0.59	0.951	5,950	3,511	0.59	1.006	5,800	3,422	0.59	1.073
27	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
27	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
27	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
27	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
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	4,823	0.91	0.901	5,150	4,687	0.91	0.951	4,975	4,527	0.91	1.018
28	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
28	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
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	5,247	0.99	0.901	5,150	5,099	0.99	0.951	4,975	4,925	0.99	1.018
30	20	5,700	4,959	0.87	0.929	5,575	4,850	0.87	0.973	5,425	4,720	0.87	1.040
30	22	6,075	4,556	0.75	0.951	5,950	4,463	0.75	1.006	5,800	4,350	0.75	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	5,415	0.95	0.929	5,575	5,296	0.95	0.973	5,425	5,154	0.95	1.040
32	22	6,075	5,042	0.83	0.951	5,950	4,939	0.83	1.006	5,800	4,814	0.83	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	5,528	0.91	0.951	5,950	5,415	0.91	1.006	5,800	5,278	0.91	1.073

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,160	0.71	1.062	4,250	3,018	0.71	1.139	4,050	2,876	0.71	1.233
20	18	4,800	2,832	0.59	1.089	4,650	2,744	0.59	1.172	4,350	2,567	0.59	1.261
20	20	5,200	2,444	0.47	1.117	5,000	2,350	0.47	1.194	4,700	2,209	0.47	1.283
22	16	4,450	3,516	0.79	1.062	4,250	3,358	0.79	1.139	4,050	3,200	0.79	1.233
22	18	4,800	3,216	0.67	1.089	4,650	3,116	0.67	1.172	4,350	2,915	0.67	1.261
22	20	5,200	2,860	0.55	1.117	5,000	2,750	0.55	1.194	4,700	2,585	0.55	1.283
24	16	4,450	3,872	0.87	1.062	4,250	3,698	0.87	1.139	4,050	3,524	0.87	1.233
24	18	4,800	3,600	0.75	1.089	4,650	3,488	0.75	1.172	4,350	3,263	0.75	1.261
24	20	5,200	3,276	0.63	1.117	5,000	3,150	0.63	1.194	4,700	2,961	0.63	1.283
24	22	5,600	2,856	0.51	1.139	5,400	2,754	0.51	1.228	5,100	2,601	0.51	1.305
26	16	4,450	4,228	0.95	1.062	4,250	4,038	0.95	1.139	4,050	3,848	0.95	1.233
26	18	4,800	3,984	0.83	1.089	4,650	3,860	0.83	1.172	4,350	3,611	0.83	1.261
26	20	5,200	3,692	0.71	1.117	5,000	3,550	0.71	1.194	4,700	3,337	0.71	1.283
26	22	5,600	3,304	0.59	1.139	5,400	3,186	0.59	1.228	5,100	3,009	0.59	1.305
27	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
27	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
27	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
27	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
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	4,368	0.91	1.089	4,650	4,232	0.91	1.172	4,350	3,959	0.91	1.261
28	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
28	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
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	4,752	0.99	1.089	4,650	4,604	0.99	1.172	4,350	4,307	0.99	1.261
30	20	5,200	4,524	0.87	1.117	5,000	4,350	0.87	1.194	4,700	4,089	0.87	1.283
30	22	5,600	4,200	0.75	1.139	5,400	4,050	0.75	1.228	5,100	3,825	0.75	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	4,940	0.95	1.117	5,000	4,750	0.95	1.194	4,700	4,465	0.95	1.283
32	22	5,600	4,648	0.83	1.139	5,400	4,482	0.83	1.228	5,100	4,233	0.83	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	5,096	0.91	1.139	5,400	4,914	0.91	1.228	5,100	4,641	0.91	1.305

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

**COOLING CAPACITY
PLA-ZM60EA / PUZ-ZM60VHA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	3,805	0.63	1.162	5,856	3,689	0.63	1.227	5,673	3,574	0.63	1.300
20	18	6,466	3,298	0.51	1.183	6,283	3,204	0.51	1.249	6,070	3,095	0.51	1.336
20	20	6,954	2,712	0.39	1.220	6,802	2,653	0.39	1.278	6,619	2,581	0.39	1.365
22	16	6,039	4,288	0.71	1.162	5,856	4,158	0.71	1.227	5,673	4,028	0.71	1.300
22	18	6,466	3,815	0.59	1.183	6,283	3,707	0.59	1.249	6,070	3,581	0.59	1.336
22	20	6,954	3,268	0.47	1.220	6,802	3,197	0.47	1.278	6,619	3,111	0.47	1.365
24	16	6,039	4,771	0.79	1.162	5,856	4,626	0.79	1.227	5,673	4,482	0.79	1.300
24	18	6,466	4,332	0.67	1.183	6,283	4,210	0.67	1.249	6,070	4,067	0.67	1.336
24	20	6,954	3,825	0.55	1.220	6,802	3,741	0.55	1.278	6,619	3,640	0.55	1.365
24	22	7,412	3,187	0.43	1.249	7,259	3,121	0.43	1.321	7,076	3,043	0.43	1.408
26	16	6,039	5,254	0.87	1.162	5,856	5,095	0.87	1.227	5,673	4,936	0.87	1.300
26	18	6,466	4,850	0.75	1.183	6,283	4,712	0.75	1.249	6,070	4,552	0.75	1.336
26	20	6,954	4,381	0.63	1.220	6,802	4,285	0.63	1.278	6,619	4,170	0.63	1.365
26	22	7,412	3,780	0.51	1.249	7,259	3,702	0.51	1.321	7,076	3,609	0.51	1.408
27	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
27	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
27	20	6,954	4,659	0.67	1.220	6,802	4,557	0.67	1.278	6,619	4,434	0.67	1.365
27	22	7,412	4,076	0.55	1.249	7,259	3,992	0.55	1.321	7,076	3,892	0.55	1.408
28	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
28	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
28	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
28	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
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	5,884	0.91	1.183	6,283	5,718	0.91	1.249	6,070	5,523	0.91	1.336
30	20	6,954	5,494	0.79	1.220	6,802	5,373	0.79	1.278	6,619	5,229	0.79	1.365
30	22	7,412	4,966	0.67	1.249	7,259	4,864	0.67	1.321	7,076	4,741	0.67	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	6,401	0.99	1.183	6,283	6,220	0.99	1.249	6,070	6,009	0.99	1.336
32	20	6,954	6,050	0.87	1.220	6,802	5,917	0.87	1.278	6,619	5,758	0.87	1.365
32	22	7,412	5,559	0.75	1.249	7,259	5,444	0.75	1.321	7,076	5,307	0.75	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	6,606	0.95	1.220	6,802	6,461	0.95	1.278	6,619	6,288	0.95	1.365
34	22	7,412	6,152	0.83	1.249	7,259	6,025	0.83	1.321	7,076	5,873	0.83	1.408

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,420	0.63	1.394	5,185	3,267	0.63	1.496	4,941	3,113	0.63	1.619
20	18	5,856	2,987	0.51	1.430	5,673	2,893	0.51	1.539	5,307	2,707	0.51	1.655
20	20	6,344	2,474	0.39	1.467	6,100	2,379	0.39	1.568	5,734	2,236	0.39	1.684
22	16	5,429	3,855	0.71	1.394	5,185	3,681	0.71	1.496	4,941	3,508	0.71	1.619
22	18	5,856	3,455	0.59	1.430	5,673	3,347	0.59	1.539	5,307	3,131	0.59	1.655
22	20	6,344	2,982	0.47	1.467	6,100	2,867	0.47	1.568	5,734	2,695	0.47	1.684
24	16	5,429	4,289	0.79	1.394	5,185	4,096	0.79	1.496	4,941	3,903	0.79	1.619
24	18	5,856	3,924	0.67	1.430	5,673	3,801	0.67	1.539	5,307	3,556	0.67	1.655
24	20	6,344	3,489	0.55	1.467	6,100	3,355	0.55	1.568	5,734	3,154	0.55	1.684
24	22	6,832	2,938	0.43	1.496	6,588	2,833	0.43	1.612	6,222	2,675	0.43	1.713
26	16	5,429	4,723	0.87	1.394	5,185	4,511	0.87	1.496	4,941	4,299	0.87	1.619
26	18	5,856	4,392	0.75	1.430	5,673	4,255	0.75	1.539	5,307	3,980	0.75	1.655
26	20	6,344	3,997	0.63	1.467	6,100	3,843	0.63	1.568	5,734	3,612	0.63	1.684
26	22	6,832	3,484	0.51	1.496	6,588	3,360	0.51	1.612	6,222	3,173	0.51	1.713
27	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
27	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
27	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
27	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
28	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
28	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
28	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
28	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
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	5,329	0.91	1.430	5,673	5,162	0.91	1.539	5,307	4,829	0.91	1.655
30	20	6,344	5,012	0.79	1.467	6,100	4,819	0.79	1.568	5,734	4,530	0.79	1.684
30	22	6,832	4,577	0.67	1.496	6,588	4,414	0.67	1.612	6,222	4,169	0.67	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	5,797	0.99	1.430	5,673	5,616	0.99	1.539	5,307	5,254	0.99	1.655
32	20	6,344	5,519	0.87	1.467	6,100	5,307	0.87	1.568	5,734	4,989	0.87	1.684
32	22	6,832	5,124	0.75	1.496	6,588	4,941	0.75	1.612	6,222	4,667	0.75	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	6,027	0.95	1.467	6,100	5,795	0.95	1.568	5,734	5,447	0.95	1.684
34	22	6,832	5,671	0.83	1.496	6,588	5,468	0.83	1.612	6,222	5,164	0.83	1.713

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

**COOLING CAPACITY
PLA-ZM71EA / PUZ-ZM71VHA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,061	0.72	1.321	6,816	4,908	0.72	1.395	6,603	4,754	0.72	1.478
20	18	7,526	4,516	0.60	1.346	7,313	4,388	0.60	1.420	7,065	4,239	0.60	1.519
20	20	8,094	3,885	0.48	1.387	7,917	3,800	0.48	1.453	7,704	3,698	0.48	1.552
22	16	7,029	5,623	0.80	1.321	6,816	5,453	0.80	1.395	6,603	5,282	0.80	1.478
22	18	7,526	5,118	0.68	1.346	7,313	4,973	0.68	1.420	7,065	4,804	0.68	1.519
22	20	8,094	4,533	0.56	1.387	7,917	4,433	0.56	1.453	7,704	4,314	0.56	1.552
24	16	7,029	6,186	0.88	1.321	6,816	5,998	0.88	1.395	6,603	5,811	0.88	1.478
24	18	7,526	5,720	0.76	1.346	7,313	5,558	0.76	1.420	7,065	5,369	0.76	1.519
24	20	8,094	5,180	0.64	1.387	7,917	5,067	0.64	1.453	7,704	4,930	0.64	1.552
24	22	8,627	4,486	0.52	1.420	8,449	4,393	0.52	1.502	8,236	4,283	0.52	1.601
26	16	7,029	6,748	0.96	1.321	6,816	6,543	0.96	1.395	6,603	6,339	0.96	1.478
26	18	7,526	6,322	0.84	1.346	7,313	6,143	0.84	1.420	7,065	5,934	0.84	1.519
26	20	8,094	5,828	0.72	1.387	7,917	5,700	0.72	1.453	7,704	5,547	0.72	1.552
26	22	8,627	5,176	0.60	1.420	8,449	5,069	0.60	1.502	8,236	4,942	0.60	1.601
27	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
27	18	7,526	6,623	0.88	1.346	7,313	6,435	0.88	1.420	7,065	6,217	0.88	1.519
27	20	8,094	6,151	0.76	1.387	7,917	6,017	0.76	1.453	7,704	5,855	0.76	1.552
27	22	8,627	5,521	0.64	1.420	8,449	5,407	0.64	1.502	8,236	5,271	0.64	1.601
28	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
28	18	7,526	6,924	0.92	1.346	7,313	6,728	0.92	1.420	7,065	6,499	0.92	1.519
28	20	8,094	6,475	0.80	1.387	7,917	6,333	0.80	1.453	7,704	6,163	0.80	1.552
28	22	8,627	5,866	0.68	1.420	8,449	5,745	0.68	1.502	8,236	5,600	0.68	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	7,526	1.00	1.346	7,313	7,313	1.00	1.420	7,065	7,065	1.00	1.519
30	20	8,094	7,123	0.88	1.387	7,917	6,967	0.88	1.453	7,704	6,779	0.88	1.552
30	22	8,627	6,556	0.76	1.420	8,449	6,421	0.76	1.502	8,236	6,259	0.76	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	7,526	1.00	1.346	7,313	7,313	1.00	1.420	7,065	7,065	1.00	1.519
32	20	8,094	7,770	0.96	1.387	7,917	7,600	0.96	1.453	7,704	7,395	0.96	1.552
32	22	8,627	7,246	0.84	1.420	8,449	7,097	0.84	1.502	8,236	6,918	0.84	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	8,094	1.00	1.387	7,917	7,917	1.00	1.453	7,704	7,704	1.00	1.552
34	22	8,627	7,936	0.92	1.420	8,449	7,773	0.92	1.502	8,236	7,577	0.92	1.601

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,550	0.72	1.585	6,035	4,345	0.72	1.701	5,751	4,141	0.72	1.841
20	18	6,816	4,090	0.60	1.626	6,603	3,962	0.60	1.750	6,177	3,706	0.60	1.882
20	20	7,384	3,544	0.48	1.668	7,100	3,408	0.48	1.783	6,674	3,204	0.48	1.915
22	16	6,319	5,055	0.80	1.585	6,035	4,828	0.80	1.701	5,751	4,601	0.80	1.841
22	18	6,816	4,635	0.68	1.626	6,603	4,490	0.68	1.750	6,177	4,200	0.68	1.882
22	20	7,384	4,135	0.56	1.668	7,100	3,976	0.56	1.783	6,674	3,737	0.56	1.915
24	16	6,319	5,561	0.88	1.585	6,035	5,311	0.88	1.701	5,751	5,061	0.88	1.841
24	18	6,816	5,180	0.76	1.626	6,603	5,018	0.76	1.750	6,177	4,695	0.76	1.882
24	20	7,384	4,726	0.64	1.668	7,100	4,544	0.64	1.783	6,674	4,271	0.64	1.915
24	22	7,952	4,135	0.52	1.701	7,668	3,987	0.52	1.833	7,242	3,766	0.52	1.948
26	16	6,319	6,066	0.96	1.585	6,035	5,794	0.96	1.701	5,751	5,521	0.96	1.841
26	18	6,816	5,725	0.84	1.626	6,603	5,547	0.84	1.750	6,177	5,189	0.84	1.882
26	20	7,384	5,316	0.72	1.668	7,100	5,112	0.72	1.783	6,674	4,805	0.72	1.915
26	22	7,952	4,771	0.60	1.701	7,668	4,601	0.60	1.833	7,242	4,345	0.60	1.948
27	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
27	18	6,816	5,998	0.88	1.626	6,603	5,811	0.88	1.750	6,177	5,436	0.88	1.882
27	20	7,384	5,612	0.76	1.668	7,100	5,396	0.76	1.783	6,674	5,072	0.76	1.915
27	22	7,952	5,089	0.64	1.701	7,668	4,908	0.64	1.833	7,242	4,635	0.64	1.948
28	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
28	18	6,816	6,271	0.92	1.626	6,603	6,075	0.92	1.750	6,177	5,683	0.92	1.882
28	20	7,384	5,907	0.80	1.668	7,100	5,680	0.80	1.783	6,674	5,339	0.80	1.915
28	22	7,952	5,407	0.68	1.701	7,668	5,214	0.68	1.833	7,242	4,925	0.68	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	6,816	1.00	1.626	6,603	6,603	1.00	1.750	6,177	6,177	1.00	1.882
30	20	7,384	6,498	0.88	1.668	7,100	6,248	0.88	1.783	6,674	5,873	0.88	1.915
30	22	7,952	6,044	0.76	1.701	7,668	5,828	0.76	1.833	7,242	5,504	0.76	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	6,816	1.00	1.626	6,603	6,603	1.00	1.750	6,177	6,177	1.00	1.882
32	20	7,384	7,089	0.96	1.668	7,100	6,816	0.96	1.783	6,674	6,407	0.96	1.915
32	22	7,952	6,680	0.84	1.701	7,668	6,441	0.84	1.833	7,242	6,083	0.84	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	7,384	1.00	1.668	7,100	7,100	1.00	1.783	6,674	6,674	1.00	1.915
34	22	7,952	7,316	0.92	1.701	7,668	7,055	0.92	1.833	7,242	6,663	0.92	1.948

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZM100EA / PUZ-ZM100VKA PUZ-ZM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	5,925	0.63	1.652	9,120	5,746	0.63	1.745	8,835	5,566	0.63	1.848
20	18	10,070	5,136	0.51	1.683	9,785	4,990	0.51	1.776	9,453	4,821	0.51	1.900
20	20	10,830	4,224	0.39	1.735	10,593	4,131	0.39	1.817	10,308	4,020	0.39	1.941
22	16	9,405	6,678	0.71	1.652	9,120	6,475	0.71	1.745	8,835	6,273	0.71	1.848
22	18	10,070	5,941	0.59	1.683	9,785	5,773	0.59	1.776	9,453	5,577	0.59	1.900
22	20	10,830	5,090	0.47	1.735	10,593	4,978	0.47	1.817	10,308	4,845	0.47	1.941
24	16	9,405	7,430	0.79	1.652	9,120	7,205	0.79	1.745	8,835	6,980	0.79	1.848
24	18	10,070	6,747	0.67	1.683	9,785	6,556	0.67	1.776	9,453	6,333	0.67	1.900
24	20	10,830	5,957	0.55	1.735	10,593	5,826	0.55	1.817	10,308	5,669	0.55	1.941
24	22	11,543	4,963	0.43	1.776	11,305	4,861	0.43	1.879	11,020	4,739	0.43	2.003
26	16	9,405	8,182	0.87	1.652	9,120	7,934	0.87	1.745	8,835	7,686	0.87	1.848
26	18	10,070	7,553	0.75	1.683	9,785	7,339	0.75	1.776	9,453	7,089	0.75	1.900
26	20	10,830	6,823	0.63	1.735	10,593	6,673	0.63	1.817	10,308	6,494	0.63	1.941
26	22	11,543	5,887	0.51	1.776	11,305	5,766	0.51	1.879	11,020	5,620	0.51	2.003
27	16	9,405	8,559	0.91	1.652	9,120	8,299	0.91	1.745	8,835	8,040	0.91	1.848
27	18	10,070	7,955	0.79	1.683	9,785	7,730	0.79	1.776	9,453	7,467	0.79	1.900
27	20	10,830	7,256	0.67	1.735	10,593	7,097	0.67	1.817	10,308	6,906	0.67	1.941
27	22	11,543	6,348	0.55	1.776	11,305	6,218	0.55	1.879	11,020	6,061	0.55	2.003
28	16	9,405	8,935	0.95	1.652	9,120	8,664	0.95	1.745	8,835	8,393	0.95	1.848
28	18	10,070	8,358	0.83	1.683	9,785	8,122	0.83	1.776	9,453	7,846	0.83	1.900
28	20	10,830	7,689	0.71	1.735	10,593	7,521	0.71	1.817	10,308	7,318	0.71	1.941
28	22	11,543	6,810	0.59	1.776	11,305	6,670	0.59	1.879	11,020	6,502	0.59	2.003
30	16	9,405	9,405	1.00	1.652	9,120	9,120	1.00	1.745	8,835	8,835	1.00	1.848
30	18	10,070	9,164	0.91	1.683	9,785	8,904	0.91	1.776	9,453	8,602	0.91	1.900
30	20	10,830	8,556	0.79	1.735	10,593	8,368	0.79	1.817	10,308	8,143	0.79	1.941
30	22	11,543	7,733	0.67	1.776	11,305	7,574	0.67	1.879	11,020	7,383	0.67	2.003
32	16	9,405	9,405	1.00	1.652	9,120	9,120	1.00	1.745	8,835	8,835	1.00	1.848
32	18	10,070	9,969	0.99	1.683	9,785	9,687	0.99	1.776	9,453	9,358	0.99	1.900
32	20	10,830	9,422	0.87	1.735	10,593	9,215	0.87	1.817	10,308	8,968	0.87	1.941
32	22	11,543	8,657	0.75	1.776	11,305	8,479	0.75	1.879	11,020	8,265	0.75	2.003
34	16	9,405	9,405	1.00	1.652	9,120	9,120	1.00	1.745	8,835	8,835	1.00	1.848
34	18	10,070	10,070	1.00	1.683	9,785	9,785	1.00	1.776	9,453	9,453	1.00	1.900
34	20	10,830	10,289	0.95	1.735	10,593	10,063	0.95	1.817	10,308	9,792	0.95	1.941
34	22	11,543	9,580	0.83	1.776	11,305	9,383	0.83	1.88	11,020	9,147	0.83	2.003

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,327	0.63	1.982	8,075	5,087	0.63	2.127	7,695	4,848	0.63	2.302
20	18	9,120	4,651	0.51	2.034	8,835	4,506	0.51	2.189	8,265	4,215	0.51	2.354
20	20	9,880	3,853	0.39	2.086	9,500	3,705	0.39	2.230	8,930	3,483	0.39	2.395
22	16	8,455	6,003	0.71	1.982	8,075	5,733	0.71	2.127	7,695	5,463	0.71	2.302
22	18	9,120	5,381	0.59	2.034	8,835	5,213	0.59	2.189	8,265	4,876	0.59	2.354
22	20	9,880	4,644	0.47	2.086	9,500	4,465	0.47	2.230	8,930	4,197	0.47	2.395
24	16	8,455	6,679	0.79	1.982	8,075	6,379	0.79	2.127	7,695	6,079	0.79	2.302
24	18	9,120	6,110	0.67	2.034	8,835	5,919	0.67	2.189	8,265	5,538	0.67	2.354
24	20	9,880	5,434	0.55	2.086	9,500	5,225	0.55	2.230	8,930	4,912	0.55	2.395
24	22	10,640	4,575	0.43	2.127	10,260	4,412	0.43	2.292	9,690	4,167	0.43	2.437
26	16	8,455	7,356	0.87	1.982	8,075	7,025	0.87	2.127	7,695	6,695	0.87	2.302
26	18	9,120	6,840	0.75	2.034	8,835	6,626	0.75	2.189	8,265	6,199	0.75	2.354
26	20	9,880	6,224	0.63	2.086	9,500	5,985	0.63	2.230	8,930	5,626	0.63	2.395
26	22	10,640	5,426	0.51	2.127	10,260	5,233	0.51	2.292	9,690	4,942	0.51	2.437
27	16	8,455	7,694	0.91	1.982	8,075	7,348	0.91	2.127	7,695	7,002	0.91	2.302
27	18	9,120	7,205	0.79	2.034	8,835	6,980	0.79	2.189	8,265	6,529	0.79	2.354
27	20	9,880	6,620	0.67	2.086	9,500	6,365	0.67	2.230	8,930	5,983	0.67	2.395
27	22	10,640	5,852	0.55	2.127	10,260	5,643	0.55	2.292	9,690	5,330	0.55	2.437
28	16	8,455	8,032	0.95	1.982	8,075	7,671	0.95	2.127	7,695	7,310	0.95	2.302
28	18	9,120	7,570	0.83	2.034	8,835	7,333	0.83	2.189	8,265	6,860	0.83	2.354
28	20	9,880	7,015	0.71	2.086	9,500	6,745	0.71	2.230	8,930	6,340	0.71	2.395
28	22	10,640	6,278	0.59	2.127	10,260	6,053	0.59	2.292	9,690	5,717	0.59	2.437
30	16	8,455	8,455	1.00	1.982	8,075	8,075	1.00	2.127	7,695	7,695	1.00	2.302
30	18	9,120	8,299	0.91	2.034	8,835	8,040	0.91	2.189	8,265	7,521	0.91	2.354
30	20	9,880	7,805	0.79	2.086	9,500	7,505	0.79	2.230	8,930	7,055	0.79	2.395
30	22	10,640	7,129	0.67	2.127	10,260	6,874	0.67	2.292	9,690	6,492	0.67	2.437
32	16	8,455	8,455	1.00	1.982	8,075	8,075	1.00	2.127	7,695	7,695	1.00	2.302
32	18	9,120	9,029	0.99	2.034	8,835	8,747	0.99	2.189	8,265	8,182	0.99	2.354
32	20	9,880	8,596	0.87	2.086	9,500	8,265	0.87	2.230	8,930	7,769	0.87	2.395
32	22	10,640	7,980	0.75	2.127	10,260	7,695	0.75	2.292	9,690	7,268	0.75	2.437
34	16	8,455	8,455	1.00	1.982	8,075	8,075	1.00	2.127	7,695	7,695	1.00	2.302
34	18	9,120	9,120	1.00	2.034	8,835	8,835	1.00	2.189	8,265	8,265	1.00	2.354
34	20	9,880	9,386	0.95	2.086	9,500	9,025	0.95	2.230	8,930	8,484	0.95	2.395
34	22	10,640	8,831	0.83	2.127	10,260	8,516	0.83	2.292	9,690	8,043	0.83	2.437

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

COOLING CAPACITY
PLA-ZM125EA / PUZ-ZM125VKA PUZ-ZM125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	6,683	0.54	2.702	12,000	6,480	0.54	2.854	11,625	6,278	0.54	3.023
20	18	13,250	5,565	0.42	2.753	12,875	5,408	0.42	2.905	12,438	5,224	0.42	3.108
20	20	14,250	4,275	0.30	2.838	13,938	4,181	0.30	2.973	13,563	4,069	0.30	3.175
22	16	12,375	7,673	0.62	2.702	12,000	7,440	0.62	2.854	11,625	7,208	0.62	3.023
22	18	13,250	6,625	0.50	2.753	12,875	6,438	0.50	2.905	12,438	6,219	0.50	3.108
22	20	14,250	5,415	0.38	2.838	13,938	5,296	0.38	2.973	13,563	5,154	0.38	3.175
24	16	12,375	8,663	0.70	2.702	12,000	8,400	0.70	2.854	11,625	8,138	0.70	3.023
24	18	13,250	7,685	0.58	2.753	12,875	7,468	0.58	2.905	12,438	7,214	0.58	3.108
24	20	14,250	6,555	0.46	2.838	13,938	6,411	0.46	2.973	13,563	6,239	0.46	3.175
24	22	15,188	5,164	0.34	2.905	14,875	5,058	0.34	3.074	14,500	4,930	0.34	3.277
26	16	12,375	9,653	0.78	2.702	12,000	9,360	0.78	2.854	11,625	9,068	0.78	3.023
26	18	13,250	8,745	0.66	2.753	12,875	8,498	0.66	2.905	12,438	8,209	0.66	3.108
26	20	14,250	7,695	0.54	2.838	13,938	7,526	0.54	2.973	13,563	7,324	0.54	3.175
26	22	15,188	6,379	0.42	2.905	14,875	6,248	0.42	3.074	14,500	6,090	0.42	3.277
27	16	12,375	10,148	0.82	2.702	12,000	9,840	0.82	2.854	11,625	9,533	0.82	3.023
27	18	13,250	9,275	0.70	2.753	12,875	9,013	0.70	2.905	12,438	8,706	0.70	3.108
27	20	14,250	8,265	0.58	2.838	13,938	8,084	0.58	2.973	13,563	7,866	0.58	3.175
27	22	15,188	6,986	0.46	2.905	14,875	6,843	0.46	3.074	14,500	6,670	0.46	3.277
28	16	12,375	10,643	0.86	2.702	12,000	10,320	0.86	2.854	11,625	9,998	0.86	3.023
28	18	13,250	9,805	0.74	2.753	12,875	9,528	0.74	2.905	12,438	9,204	0.74	3.108
28	20	14,250	8,835	0.62	2.838	13,938	8,641	0.62	2.973	13,563	8,409	0.62	3.175
28	22	15,188	7,594	0.50	2.905	14,875	7,438	0.50	3.074	14,500	7,250	0.50	3.277
30	16	12,375	11,633	0.94	2.702	12,000	11,280	0.94	2.854	11,625	10,928	0.94	3.023
30	18	13,250	10,865	0.82	2.753	12,875	10,558	0.82	2.905	12,438	10,199	0.82	3.108
30	20	14,250	9,975	0.70	2.838	13,938	9,756	0.70	2.973	13,563	9,494	0.70	3.175
30	22	15,188	8,809	0.58	2.905	14,875	8,628	0.58	3.074	14,500	8,410	0.58	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	11,925	0.90	2.753	12,875	11,588	0.90	2.905	12,438	11,194	0.90	3.108
32	20	14,250	11,115	0.78	2.838	13,938	10,871	0.78	2.973	13,563	10,579	0.78	3.175
32	22	15,188	10,024	0.66	2.905	14,875	9,818	0.66	3.074	14,500	9,570	0.66	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	12,985	0.98	2.753	12,875	12,618	0.98	2.905	12,438	12,189	0.98	3.108
34	20	14,250	12,255	0.86	2.838	13,938	11,986	0.86	2.973	13,563	11,664	0.86	3.175
34	22	15,188	11,239	0.74	2.905	14,875	11,008	0.74	3.074	14,500	10,730	0.74	3.277

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,008	0.54	3.243	10,625	5,738	0.54	3.479	10,125	5,468	0.54	3.766
20	18	12,000	5,040	0.42	3.327	11,625	4,883	0.42	3.581	10,875	4,568	0.42	3.851
20	20	13,000	3,900	0.30	3.412	12,500	3,750	0.30	3.648	11,750	3,525	0.30	3.918
22	16	11,125	6,898	0.62	3.243	10,625	6,588	0.62	3.479	10,125	6,278	0.62	3.766
22	18	12,000	6,000	0.50	3.327	11,625	5,813	0.50	3.581	10,875	5,438	0.50	3.851
22	20	13,000	4,940	0.38	3.412	12,500	4,750	0.38	3.648	11,750	4,465	0.38	3.918
24	16	11,125	7,788	0.70	3.243	10,625	7,438	0.70	3.479	10,125	7,088	0.70	3.766
24	18	12,000	6,960	0.58	3.327	11,625	6,743	0.58	3.581	10,875	6,308	0.58	3.851
24	20	13,000	5,980	0.46	3.412	12,500	5,750	0.46	3.648	11,750	5,405	0.46	3.918
24	22	14,000	4,760	0.34	3.479	13,500	4,590	0.34	3.750	12,750	4,335	0.34	3.986
26	16	11,125	8,678	0.78	3.243	10,625	8,288	0.78	3.479	10,125	7,898	0.78	3.766
26	18	12,000	7,920	0.66	3.327	11,625	7,673	0.66	3.581	10,875	7,178	0.66	3.851
26	20	13,000	7,020	0.54	3.412	12,500	6,750	0.54	3.648	11,750	6,345	0.54	3.918
26	22	14,000	5,880	0.42	3.479	13,500	5,670	0.42	3.750	12,750	5,355	0.42	3.986
27	16	11,125	9,123	0.82	3.243	10,625	8,713	0.82	3.479	10,125	8,303	0.82	3.766
27	18	12,000	8,400	0.70	3.327	11,625	8,138	0.70	3.581	10,875	7,613	0.70	3.851
27	20	13,000	7,540	0.58	3.412	12,500	7,250	0.58	3.648	11,750	6,815	0.58	3.918
27	22	14,000	6,440	0.46	3.479	13,500	6,210	0.46	3.750	12,750	5,865	0.46	3.986
28	16	11,125	9,568	0.86	3.243	10,625	9,138	0.86	3.479	10,125	8,708	0.86	3.766
28	18	12,000	8,880	0.74	3.327	11,625	8,603	0.74	3.581	10,875	8,048	0.74	3.851
28	20	13,000	8,060	0.62	3.412	12,500	7,750	0.62	3.648	11,750	7,285	0.62	3.918
28	22	14,000	7,000	0.50	3.479	13,500	6,750	0.50	3.750	12,750	6,375	0.50	3.986
30	16	11,125	10,458	0.94	3.243	10,625	9,988	0.94	3.479	10,125	9,518	0.94	3.766
30	18	12,000	9,840	0.82	3.327	11,625	9,533	0.82	3.581	10,875	8,918	0.82	3.851
30	20	13,000	9,100	0.70	3.412	12,500	8,750	0.70	3.648	11,750	8,225	0.70	3.918
30	22	14,000	8,120	0.58	3.479	13,500	7,830	0.58	3.750	12,750	7,395	0.58	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	10,800	0.90	3.327	11,625	10,463	0.90	3.581	10,875	9,788	0.90	3.851
32	20	13,000	10,140	0.78	3.412	12,500	9,750	0.78	3.648	11,750	9,165	0.78	3.918
32	22	14,000	9,240	0.66	3.479	13,500	8,910	0.66	3.750	12,750	8,415	0.66	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	11,760	0.98	3.327	11,625	11,393	0.98	3.581	10,875	10,658	0.98	3.851
34	20	13,000	11,180	0.86	3.412	12,500	10,750	0.86	3.648	11,750	10,105	0.86	3.918
34	22	14,000	10,360	0.74	3.479	13,500	9,990	0.74	3.750	12,750	9,435	0.74	3.986

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

COOLING CAPACITY
PLA-ZM140EA / PUZ-ZM140VKA PUZ-ZM140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	7,562	0.57	2.978	12,864	7,332	0.57	3.145	12,462	7,103	0.57	3.331
20	18	14,204	6,392	0.45	3.033	13,802	6,211	0.45	3.201	13,333	6,000	0.45	3.424
20	20	15,276	5,041	0.33	3.126	14,941	4,931	0.33	3.275	14,539	4,798	0.33	3.499
22	16	13,266	8,623	0.65	2.978	12,864	8,362	0.65	3.145	12,462	8,100	0.65	3.331
22	18	14,204	7,528	0.53	3.033	13,802	7,315	0.53	3.201	13,333	7,066	0.53	3.424
22	20	15,276	6,263	0.41	3.126	14,941	6,126	0.41	3.275	14,539	5,961	0.41	3.499
24	16	13,266	9,684	0.73	2.978	12,864	9,391	0.73	3.145	12,462	9,097	0.73	3.331
24	18	14,204	8,664	0.61	3.033	13,802	8,419	0.61	3.201	13,333	8,133	0.61	3.424
24	20	15,276	7,485	0.49	3.126	14,941	7,321	0.49	3.275	14,539	7,124	0.49	3.499
24	22	16,281	6,024	0.37	3.201	15,946	5,900	0.37	3.387	15,544	5,751	0.37	3.610
26	16	13,266	10,745	0.81	2.978	12,864	10,420	0.81	3.145	12,462	10,094	0.81	3.331
26	18	14,204	9,801	0.69	3.033	13,802	9,523	0.69	3.201	13,333	9,200	0.69	3.424
26	20	15,276	8,707	0.57	3.126	14,941	8,516	0.57	3.275	14,539	8,287	0.57	3.499
26	22	16,281	7,326	0.45	3.201	15,946	7,176	0.45	3.387	15,544	6,995	0.45	3.610
27	16	13,266	11,276	0.85	2.978	12,864	10,934	0.85	3.145	12,462	10,593	0.85	3.331
27	18	14,204	10,369	0.73	3.033	13,802	10,075	0.73	3.201	13,333	9,733	0.73	3.424
27	20	15,276	9,318	0.61	3.126	14,941	9,114	0.61	3.275	14,539	8,869	0.61	3.499
27	22	16,281	7,978	0.49	3.201	15,946	7,814	0.49	3.387	15,544	7,617	0.49	3.610
28	16	13,266	11,807	0.89	2.978	12,864	11,449	0.89	3.145	12,462	11,091	0.89	3.331
28	18	14,204	10,937	0.77	3.033	13,802	10,628	0.77	3.201	13,333	10,266	0.77	3.424
28	20	15,276	9,929	0.65	3.126	14,941	9,712	0.65	3.275	14,539	9,450	0.65	3.499
28	22	16,281	8,629	0.53	3.201	15,946	8,451	0.53	3.387	15,544	8,238	0.53	3.610
30	16	13,266	12,868	0.97	2.978	12,864	12,478	0.97	3.145	12,462	12,088	0.97	3.331
30	18	14,204	12,073	0.85	3.033	13,802	11,732	0.85	3.201	13,333	11,333	0.85	3.424
30	20	15,276	11,151	0.73	3.126	14,941	10,907	0.73	3.275	14,539	10,613	0.73	3.499
30	22	16,281	9,931	0.61	3.201	15,946	9,727	0.61	3.387	15,544	9,482	0.61	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	13,210	0.93	3.033	13,802	12,836	0.93	3.201	13,333	12,400	0.93	3.424
32	20	15,276	12,374	0.81	3.126	14,941	12,102	0.81	3.275	14,539	11,777	0.81	3.499
32	22	16,281	11,234	0.69	3.201	15,946	11,003	0.69	3.387	15,544	10,725	0.69	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	13,596	0.89	3.126	14,941	13,297	0.89	3.275	14,539	12,940	0.89	3.499
34	22	16,281	12,536	0.77	3.201	15,946	12,278	0.77	3.387	15,544	11,969	0.77	3.610

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	6,798	0.57	3.573	11,390	6,492	0.57	3.834	10,854	6,187	0.57	4.150
20	18	12,864	5,789	0.45	3.666	12,462	5,608	0.45	3.945	11,658	5,246	0.45	4.243
20	20	13,936	4,599	0.33	3.759	13,400	4,422	0.33	4.020	12,596	4,157	0.33	4.318
22	16	11,926	7,752	0.65	3.573	11,390	7,404	0.65	3.834	10,854	7,055	0.65	4.150
22	18	12,864	6,818	0.53	3.666	12,462	6,605	0.53	3.945	11,658	6,179	0.53	4.243
22	20	13,936	5,714	0.41	3.759	13,400	5,494	0.41	4.020	12,596	5,164	0.41	4.318
24	16	11,926	8,706	0.73	3.573	11,390	8,315	0.73	3.834	10,854	7,923	0.73	4.150
24	18	12,864	7,847	0.61	3.666	12,462	7,602	0.61	3.945	11,658	7,111	0.61	4.243
24	20	13,936	6,829	0.49	3.759	13,400	6,566	0.49	4.020	12,596	6,172	0.49	4.318
24	22	15,008	5,553	0.37	3.834	14,472	5,355	0.37	4.131	13,668	5,057	0.37	4.392
26	16	11,926	9,660	0.81	3.573	11,390	9,226	0.81	3.834	10,854	8,792	0.81	4.150
26	18	12,864	8,876	0.69	3.666	12,462	8,599	0.69	3.945	11,658	8,044	0.69	4.243
26	20	13,936	7,944	0.57	3.759	13,400	7,638	0.57	4.020	12,596	7,180	0.57	4.318
26	22	15,008	6,754	0.45	3.834	14,472	6,512	0.45	4.131	13,668	6,151	0.45	4.392
27	16	11,926	10,137	0.85	3.573	11,390	9,682	0.85	3.834	10,854	9,226	0.85	4.150
27	18	12,864	9,391	0.73	3.666	12,462	9,097	0.73	3.945	11,658	8,510	0.73	4.243
27	20	13,936	8,501	0.61	3.759	13,400	8,174	0.61	4.020	12,596	7,684	0.61	4.318
27	22	15,008	7,354	0.49	3.834	14,472	7,091	0.49	4.131	13,668	6,697	0.49	4.392
28	16	11,926	10,614	0.89	3.573	11,390	10,137	0.89	3.834	10,854	9,660	0.89	4.150
28	18	12,864	9,905	0.77	3.666	12,462	9,596	0.77	3.945	11,658	8,977	0.77	4.243
28	20	13,936	9,058	0.65	3.759	13,400	8,710	0.65	4.020	12,596	8,187	0.65	4.318
28	22	15,008	7,954	0.53	3.834	14,472	7,670	0.53	4.131	13,668	7,244	0.53	4.392
30	16	11,926	11,568	0.97	3.573	11,390	11,048	0.97	3.834	10,854	10,528	0.97	4.150
30	18	12,864	10,934	0.85	3.666	12,462	10,593	0.85	3.945	11,658	9,909	0.85	4.243
30	20	13,936	10,173	0.73	3.759	13,400	9,782	0.73	4.020	12,596	9,195	0.73	4.318
30	22	15,008	9,155	0.61	3.834	14,472	8,828	0.61	4.131	13,668	8,337	0.61	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	11,964	0.93	3.666	12,462	11,590	0.93	3.945	11,658	10,842	0.93	4.243
32	20	13,936	11,288	0.81	3.759	13,400	10,854	0.81	4.020	12,596	10,203	0.81	4.318
32	22	15,008	10,356	0.69	3.834	14,472	9,986	0.69	4.131	13,668	9,431	0.69	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	1.00	3.666	12,462	12,462	1.00	3.945	11,658	11,658	1.00	4.243
34	20	13,936	12,403	0.89	3.759	13,400	11,926	0.89	4.020	12,596	11,210	0.89	4.318
34	22	15,008	11,556	0.77	3.834	14,472	11,143	0.77	4.131	13,668	10,524	0.77	4.392

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

HEATING CAPACITY
PLA-ZM·EA / PUZ-ZM·VKA PUZ-ZM·VHA PUZ-ZM·YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZM35EA	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-ZM50EA	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-ZM60EA	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-ZM71EA	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-ZM100EA	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-ZM125EA	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-ZM140EA	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

**COOLING CAPACITY
PLA-M35EA / SUZ-M35VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	4,272	1.01	0.720	4,050	4,091	1.01	0.756	3,888	3,927	1.01	0.792	3,744	3,781	1.01	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	4,442	1.05	0.720	4,050	4,253	1.05	0.756	3,888	4,082	1.05	0.792	3,744	3,931	1.05	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	4,611	1.09	0.720	4,050	4,415	1.09	0.756	3,888	4,238	1.09	0.792	3,744	4,081	1.09	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	4,780	1.13	0.720	4,050	4,577	1.13	0.756	3,888	4,393	1.13	0.792	3,744	4,231	1.13	0.828
31	20	4,410	4,454	1.01	0.756	4,230	4,272	1.01	0.801	4,104	4,145	1.01	0.819	3,960	4,000	1.01	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	4,949	1.17	0.720	4,050	4,739	1.17	0.756	3,888	4,549	1.17	0.792	3,744	4,380	1.17	0.828
32	20	4,410	4,631	1.05	0.756	4,230	4,442	1.05	0.801	4,104	4,309	1.05	0.819	3,960	4,158	1.05	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M35EA / SUZ-M35VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	3,563	1.01	0.882	3,240	3,272	1.01	0.936	2,988	3,018	1.01	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	3,704	1.05	0.882	3,240	3,402	1.05	0.936	2,988	3,137	1.05	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	3,846	1.09	0.882	3,240	3,532	1.09	0.936	2,988	3,257	1.09	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	3,987	1.13	0.882	3,240	3,661	1.13	0.936	2,988	3,376	1.13	0.972
31	20	3,708	3,745	1.01	0.918	3,456	3,491	1.01	0.963	3,204	3,236	1.01	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	4,128	1.17	0.882	3,240	3,791	1.17	0.936	2,988	3,496	1.17	0.972
32	20	3,708	3,893	1.05	0.918	3,456	3,629	1.05	0.963	3,204	3,364	1.05	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M50EA / SUZ-M50VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,463	3,813	0.59	1.288	6,188	3,651	0.59	1.352	5,940	3,505	0.59	1.417	5,720	3,375	0.59	1.481
21	20	6,738	3,167	0.47	1.352	6,463	3,037	0.47	1.433	6,270	2,947	0.47	1.465	6,050	2,844	0.47	1.530
22	18	6,463	4,071	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
22	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	22	7,013	2,735	0.39	1.401	6,765	2,638	0.39	1.489	6,600	2,574	0.39	1.530	6,325	2,467	0.39	1.594
23	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
23	20	6,738	3,706	0.55	1.352	6,463	3,554	0.55	1.433	6,270	3,449	0.55	1.465	6,050	3,328	0.55	1.530
23	22	7,013	3,015	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
24	18	6,463	4,588	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
24	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
24	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	24	7,370	2,580	0.35	1.465	7,095	2,483	0.35	1.546	6,930	2,426	0.35	1.594	6,710	2,349	0.35	1.674
25	20	6,738	4,245	0.63	1.352	6,463	4,071	0.63	1.433	6,270	3,950	0.63	1.465	6,050	3,812	0.63	1.530
25	22	7,013	3,576	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
25	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
26	18	6,463	5,105	0.79	1.288	6,188	4,888	0.79	1.352	5,940	4,693	0.79	1.417	5,720	4,519	0.79	1.481
26	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
26	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
26	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	26	7,590	2,353	0.31	1.546	7,370	2,285	0.31	1.626	7,260	2,251	0.31	1.674	7,040	2,182	0.31	1.723
27	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
27	20	6,738	4,784	0.71	1.352	6,463	4,588	0.71	1.433	6,270	4,452	0.71	1.465	6,050	4,296	0.71	1.530
27	22	7,013	4,137	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
27	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
27	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
28	18	6,463	5,622	0.87	1.288	6,188	5,383	0.87	1.352	5,940	5,168	0.87	1.417	5,720	4,976	0.87	1.481
28	20	6,738	5,053	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
28	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
28	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
28	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
29	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
29	20	6,738	5,323	0.79	1.352	6,463	5,105	0.79	1.433	6,270	4,953	0.79	1.465	6,050	4,780	0.79	1.530
29	22	7,013	4,698	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
29	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
29	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
30	18	6,463	6,139	0.95	1.288	6,188	5,878	0.95	1.352	5,940	5,643	0.95	1.417	5,720	5,434	0.95	1.481
30	20	6,738	5,592	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
30	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
30	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
30	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
31	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
31	20	6,738	5,862	0.87	1.352	6,463	5,622	0.87	1.433	6,270	5,455	0.87	1.465	6,050	5,264	0.87	1.530
31	22	7,013	5,259	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
31	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
31	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
32	18	6,463	6,656	1.03	1.288	6,188	6,373	1.03	1.352	5,940	6,118	1.03	1.417	5,720	5,892	1.03	1.481
32	20	6,738	6,131	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
32	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
32	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
32	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

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M50EA / SUZ-M50VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,390	3,180	0.59	1.578	4,950	2,921	0.59	1.674	4,565	2,693	0.59	1.739
21	20	5,665	2,663	0.47	1.642	5,280	2,482	0.47	1.723	4,895	2,301	0.47	1.819
22	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
22	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	22	5,995	2,338	0.39	1.707	5,610	2,188	0.39	1.803	5,225	2,038	0.39	1.868
23	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
23	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
23	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
24	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
24	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
24	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	24	6,325	2,214	0.35	1.771	5,940	2,079	0.35	1.852	5,610	1,964	0.35	1.932
25	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
25	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
25	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
26	18	5,390	4,258	0.79	1.578	4,950	3,911	0.79	1.674	4,565	3,606	0.79	1.739
26	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
26	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
26	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	26	6,655	2,063	0.31	1.835	6,270	1,944	0.31	1.916	5,885	1,824	0.31	1.996
27	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
27	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
27	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
27	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
27	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
28	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
28	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
28	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
28	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
28	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
29	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
29	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
29	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
29	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
29	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
30	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
30	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
30	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
30	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
30	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
31	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
31	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
31	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
31	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
31	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
32	18	5,390	5,552	1.03	1.578	4,950	5,099	1.03	1.674	4,565	4,702	1.03	1.739
32	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
32	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
32	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
32	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

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M60EA / SUZ-M60VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	7,168	4,372	0.61	1.472	6,863	4,186	0.61	1.546	6,588	4,019	0.61	1.619	6,344	3,870	0.61	1.693
21	20	7,473	3,662	0.49	1.546	7,168	3,512	0.49	1.638	6,954	3,407	0.49	1.674	6,710	3,288	0.49	1.748
22	18	7,168	4,659	0.65	1.472	6,863	4,461	0.65	1.546	6,588	4,282	0.65	1.619	6,344	4,124	0.65	1.693
22	20	7,473	3,960	0.53	1.546	7,168	3,799	0.53	1.638	6,954	3,686	0.53	1.674	6,710	3,556	0.53	1.748
22	22	7,778	3,189	0.41	1.601	7,503	3,076	0.41	1.702	7,320	3,001	0.41	1.748	7,015	2,876	0.41	1.822
23	18	7,168	4,946	0.69	1.472	6,863	4,735	0.69	1.546	6,588	4,546	0.69	1.619	6,344	4,377	0.69	1.693
23	20	7,473	4,259	0.57	1.546	7,168	4,085	0.57	1.638	6,954	3,964	0.57	1.674	6,710	3,825	0.57	1.748
23	22	7,778	3,500	0.45	1.601	7,503	3,376	0.45	1.702	7,320	3,294	0.45	1.748	7,015	3,157	0.45	1.822
24	18	7,168	5,232	0.73	1.472	6,863	5,010	0.73	1.546	6,588	4,809	0.73	1.619	6,344	4,631	0.73	1.693
24	20	7,473	4,558	0.61	1.546	7,168	4,372	0.61	1.638	6,954	4,242	0.61	1.674	6,710	4,093	0.61	1.748
24	22	7,778	3,811	0.49	1.601	7,503	3,676	0.49	1.702	7,320	3,587	0.49	1.748	7,015	3,437	0.49	1.822
24	24	8,174	3,024	0.37	1.674	7,869	2,912	0.37	1.766	7,686	2,844	0.37	1.822	7,442	2,754	0.37	1.914
25	20	7,473	4,857	0.65	1.546	7,168	4,659	0.65	1.638	6,954	4,520	0.65	1.674	6,710	4,362	0.65	1.748
25	22	7,778	4,122	0.53	1.601	7,503	3,977	0.53	1.702	7,320	3,880	0.53	1.748	7,015	3,718	0.53	1.822
25	24	8,174	3,351	0.41	1.674	7,869	3,226	0.41	1.766	7,686	3,151	0.41	1.822	7,442	3,051	0.41	1.914
26	18	7,168	5,806	0.81	1.472	6,863	5,559	0.81	1.546	6,588	5,336	0.81	1.619	6,344	5,139	0.81	1.693
26	20	7,473	5,156	0.69	1.546	7,168	4,946	0.69	1.638	6,954	4,798	0.69	1.674	6,710	4,630	0.69	1.748
26	22	7,778	4,433	0.57	1.601	7,503	4,277	0.57	1.702	7,320	4,172	0.57	1.748	7,015	3,999	0.57	1.822
26	24	8,174	3,678	0.45	1.674	7,869	3,541	0.45	1.766	7,686	3,459	0.45	1.822	7,442	3,349	0.45	1.914
26	26	8,418	2,778	0.33	1.766	8,174	2,697	0.33	1.858	8,052	2,657	0.33	1.914	7,808	2,577	0.33	1.969
27	18	7,168	6,092	0.85	1.472	6,863	5,833	0.85	1.546	6,588	5,600	0.85	1.619	6,344	5,392	0.85	1.693
27	20	7,473	5,455	0.73	1.546	7,168	5,232	0.73	1.638	6,954	5,076	0.73	1.674	6,710	4,898	0.73	1.748
27	22	7,778	4,744	0.61	1.601	7,503	4,577	0.61	1.702	7,320	4,465	0.61	1.748	7,015	4,279	0.61	1.822
27	24	8,174	4,005	0.49	1.674	7,869	3,856	0.49	1.766	7,686	3,766	0.49	1.822	7,442	3,647	0.49	1.914
27	26	8,418	3,115	0.37	1.766	8,174	3,024	0.37	1.858	8,052	2,979	0.37	1.914	7,808	2,889	0.37	1.969
28	18	7,168	6,379	0.89	1.472	6,863	6,108	0.89	1.546	6,588	5,863	0.89	1.619	6,344	5,646	0.89	1.693
28	20	7,473	5,754	0.77	1.546	7,168	5,519	0.77	1.638	6,954	5,355	0.77	1.674	6,710	5,167	0.77	1.748
28	22	7,778	5,055	0.65	1.601	7,503	4,877	0.65	1.702	7,320	4,758	0.65	1.748	7,015	4,560	0.65	1.822
28	24	8,174	4,332	0.53	1.674	7,869	4,171	0.53	1.766	7,686	4,074	0.53	1.822	7,442	3,944	0.53	1.914
28	26	8,418	3,451	0.41	1.766	8,174	3,351	0.41	1.858	8,052	3,301	0.41	1.914	7,808	3,201	0.41	1.969
29	18	7,168	6,666	0.93	1.472	6,863	6,382	0.93	1.546	6,588	6,127	0.93	1.619	6,344	5,900	0.93	1.693
29	20	7,473	6,053	0.81	1.546	7,168	5,806	0.81	1.638	6,954	5,633	0.81	1.674	6,710	5,435	0.81	1.748
29	22	7,778	5,366	0.69	1.601	7,503	5,177	0.69	1.702	7,320	5,051	0.69	1.748	7,015	4,840	0.69	1.822
29	24	8,174	4,659	0.57	1.674	7,869	4,485	0.57	1.766	7,686	4,381	0.57	1.822	7,442	4,242	0.57	1.914
29	26	8,418	3,788	0.45	1.766	8,174	3,678	0.45	1.858	8,052	3,623	0.45	1.914	7,808	3,514	0.45	1.969
30	18	7,168	6,952	0.97	1.472	6,863	6,657	0.97	1.546	6,588	6,390	0.97	1.619	6,344	6,154	0.97	1.693
30	20	7,473	6,352	0.85	1.546	7,168	6,092	0.85	1.638	6,954	5,911	0.85	1.674	6,710	5,704	0.85	1.748
30	22	7,778	5,678	0.73	1.601	7,503	5,477	0.73	1.702	7,320	5,344	0.73	1.748	7,015	5,121	0.73	1.822
30	24	8,174	4,986	0.61	1.674	7,869	4,800	0.61	1.766	7,686	4,688	0.61	1.822	7,442	4,540	0.61	1.914
30	26	8,418	4,125	0.49	1.766	8,174	4,005	0.49	1.858	8,052	3,945	0.49	1.914	7,808	3,826	0.49	1.969
31	18	7,168	7,239	1.01	1.472	6,863	6,931	1.01	1.546	6,588	6,654	1.01	1.619	6,344	6,407	1.01	1.693
31	20	7,473	6,651	0.89	1.546	7,168	6,379	0.89	1.638	6,954	6,189	0.89	1.674	6,710	5,972	0.89	1.748
31	22	7,778	5,989	0.77	1.601	7,503	5,777	0.77	1.702	7,320	5,636	0.77	1.748	7,015	5,402	0.77	1.822
31	24	8,174	5,313	0.65	1.674	7,869	5,115	0.65	1.766	7,686	4,996	0.65	1.822	7,442	4,837	0.65	1.914
31	26	8,418	4,462	0.53	1.766	8,174	4,332	0.53	1.858	8,052	4,268	0.53	1.914	7,808	4,138	0.53	1.969
32	18	7,168	7,526	1.05	1.472	6,863	7,206	1.05	1.546	6,588	6,917	1.05	1.619	6,344	6,661	1.05	1.693
32	20	7,473	6,949	0.93	1.546	7,168	6,666	0.93	1.638	6,954	6,467	0.93	1.674	6,710	6,240	0.93	1.748
32	22	7,778	6,300	0.81	1.601	7,503	6,077	0.81	1.702	7,320	5,929	0.81	1.748	7,015	5,682	0.81	1.822
32	24	8,174	5,640	0.69	1.674	7,869	5,430	0.69	1.766	7,686	5,303	0.69	1.822	7,442	5,135	0.69	1.914
32	26	8,418	4,798	0.57	1.766	8,174	4,659	0.57	1.858	8,052	4,590	0.57	1.914	7,808	4,451	0.57	1.969

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M60EA / SUZ-M60VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,978	3,647	0.61	1.803	5,490	3,349	0.61	1.914	5,063	3,088	0.61	1.987
21	20	6,283	3,079	0.49	1.877	5,856	2,869	0.49	1.969	5,429	2,660	0.49	2.079
22	18	5,978	3,886	0.65	1.803	5,490	3,569	0.65	1.914	5,063	3,291	0.65	1.987
22	20	6,283	3,330	0.53	1.877	5,856	3,104	0.53	1.969	5,429	2,877	0.53	2.079
22	22	6,649	2,726	0.41	1.950	6,222	2,551	0.41	2.061	5,795	2,376	0.41	2.134
23	18	5,978	4,125	0.69	1.803	5,490	3,788	0.69	1.914	5,063	3,493	0.69	1.987
23	20	6,283	3,581	0.57	1.877	5,856	3,338	0.57	1.969	5,429	3,095	0.57	2.079
23	22	6,649	2,992	0.45	1.950	6,222	2,800	0.45	2.061	5,795	2,608	0.45	2.134
24	18	5,978	4,364	0.73	1.803	5,490	4,008	0.73	1.914	5,063	3,696	0.73	1.987
24	20	6,283	3,833	0.61	1.877	5,856	3,572	0.61	1.969	5,429	3,312	0.61	2.079
24	22	6,649	3,258	0.49	1.950	6,222	3,049	0.49	2.061	5,795	2,840	0.49	2.134
24	24	7,015	2,596	0.37	2.024	6,588	2,438	0.37	2.116	6,222	2,302	0.37	2.208
25	20	6,283	4,084	0.65	1.877	5,856	3,806	0.65	1.969	5,429	3,529	0.65	2.079
25	22	6,649	3,524	0.53	1.950	6,222	3,298	0.53	2.061	5,795	3,071	0.53	2.134
25	24	7,015	2,876	0.41	2.024	6,588	2,701	0.41	2.116	6,222	2,551	0.41	2.208
26	18	5,978	4,842	0.81	1.803	5,490	4,447	0.81	1.914	5,063	4,101	0.81	1.987
26	20	6,283	4,335	0.69	1.877	5,856	4,041	0.69	1.969	5,429	3,746	0.69	2.079
26	22	6,649	3,790	0.57	1.950	6,222	3,547	0.57	2.061	5,795	3,303	0.57	2.134
26	24	7,015	3,157	0.45	2.024	6,588	2,965	0.45	2.116	6,222	2,800	0.45	2.208
26	26	7,381	2,436	0.33	2.098	6,954	2,295	0.33	2.190	6,527	2,154	0.33	2.282
27	18	5,978	5,081	0.85	1.803	5,490	4,667	0.85	1.914	5,063	4,304	0.85	1.987
27	20	6,283	4,587	0.73	1.877	5,856	4,275	0.73	1.969	5,429	3,963	0.73	2.079
27	22	6,649	4,056	0.61	1.950	6,222	3,795	0.61	2.061	5,795	3,535	0.61	2.134
27	24	7,015	3,437	0.49	2.024	6,588	3,228	0.49	2.116	6,222	3,049	0.49	2.208
27	26	7,381	2,731	0.37	2.098	6,954	2,573	0.37	2.190	6,527	2,415	0.37	2.282
28	18	5,978	5,320	0.89	1.803	5,490	4,886	0.89	1.914	5,063	4,506	0.89	1.987
28	20	6,283	4,838	0.77	1.877	5,856	4,509	0.77	1.969	5,429	4,180	0.77	2.079
28	22	6,649	4,322	0.65	1.950	6,222	4,044	0.65	2.061	5,795	3,767	0.65	2.134
28	24	7,015	3,718	0.53	2.024	6,588	3,492	0.53	2.116	6,222	3,298	0.53	2.208
28	26	7,381	3,026	0.41	2.098	6,954	2,851	0.41	2.190	6,527	2,676	0.41	2.282
29	18	5,978	5,560	0.93	1.803	5,490	5,106	0.93	1.914	5,063	4,709	0.93	1.987
29	20	6,283	5,089	0.81	1.877	5,856	4,743	0.81	1.969	5,429	4,397	0.81	2.079
29	22	6,649	4,588	0.69	1.950	6,222	4,293	0.69	2.061	5,795	3,999	0.69	2.134
29	24	7,015	3,999	0.57	2.024	6,588	3,755	0.57	2.116	6,222	3,547	0.57	2.208
29	26	7,381	3,321	0.45	2.098	6,954	3,129	0.45	2.190	6,527	2,937	0.45	2.282
30	18	5,978	5,799	0.97	1.803	5,490	5,325	0.97	1.914	5,063	4,911	0.97	1.987
30	20	6,283	5,341	0.85	1.877	5,856	4,978	0.85	1.969	5,429	4,615	0.85	2.079
30	22	6,649	4,854	0.73	1.950	6,222	4,542	0.73	2.061	5,795	4,230	0.73	2.134
30	24	7,015	4,279	0.61	2.024	6,588	4,019	0.61	2.116	6,222	3,795	0.61	2.208
30	26	7,381	3,617	0.49	2.098	6,954	3,407	0.49	2.190	6,527	3,198	0.49	2.282
31	18	5,978	6,038	1.01	1.803	5,490	5,545	1.01	1.914	5,063	5,114	1.01	1.987
31	20	6,283	5,592	0.89	1.877	5,856	5,212	0.89	1.969	5,429	4,832	0.89	2.079
31	22	6,649	5,120	0.77	1.950	6,222	4,791	0.77	2.061	5,795	4,462	0.77	2.134
31	24	7,015	4,560	0.65	2.024	6,588	4,282	0.65	2.116	6,222	4,044	0.65	2.208
31	26	7,381	3,912	0.53	2.098	6,954	3,686	0.53	2.190	6,527	3,459	0.53	2.282
32	18	5,978	6,277	1.05	1.803	5,490	5,765	1.05	1.914	5,063	5,316	1.05	1.987
32	20	6,283	5,843	0.93	1.877	5,856	5,446	0.93	1.969	5,429	5,049	0.93	2.079
32	22	6,649	5,386	0.81	1.950	6,222	5,040	0.81	2.061	5,795	4,694	0.81	2.134
32	24	7,015	4,840	0.69	2.024	6,588	4,546	0.69	2.116	6,222	4,293	0.69	2.208
32	26	7,381	4,207	0.57	2.098	6,954	3,964	0.57	2.190	6,527	3,720	0.57	2.282

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M71EA / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,672	0.56	1.528	7,988	4,473	0.56	1.604	7,668	4,294	0.56	1.681	7,384	4,135	0.56	1.757
21	20	8,698	3,827	0.44	1.604	8,343	3,671	0.44	1.700	8,094	3,561	0.44	1.738	7,810	3,436	0.44	1.815
22	18	8,343	5,006	0.60	1.528	7,988	4,793	0.60	1.604	7,668	4,601	0.60	1.681	7,384	4,430	0.60	1.757
22	20	8,698	4,175	0.48	1.604	8,343	4,004	0.48	1.700	8,094	3,885	0.48	1.738	7,810	3,749	0.48	1.815
22	22	9,053	3,259	0.36	1.662	8,733	3,144	0.36	1.767	8,520	3,067	0.36	1.815	8,165	2,939	0.36	1.891
23	18	8,343	5,339	0.64	1.528	7,988	5,112	0.64	1.604	7,668	4,908	0.64	1.681	7,384	4,726	0.64	1.757
23	20	8,698	4,523	0.52	1.604	8,343	4,338	0.52	1.700	8,094	4,209	0.52	1.738	7,810	4,061	0.52	1.815
23	22	9,053	3,621	0.40	1.662	8,733	3,493	0.40	1.767	8,520	3,408	0.40	1.815	8,165	3,266	0.40	1.891
24	18	8,343	5,673	0.68	1.528	7,988	5,432	0.68	1.604	7,668	5,214	0.68	1.681	7,384	5,021	0.68	1.757
24	20	8,698	4,871	0.56	1.604	8,343	4,672	0.56	1.700	8,094	4,533	0.56	1.738	7,810	4,374	0.56	1.815
24	22	9,053	3,983	0.44	1.662	8,733	3,843	0.44	1.767	8,520	3,749	0.44	1.815	8,165	3,593	0.44	1.891
24	24	9,514	3,044	0.32	1.738	9,159	2,931	0.32	1.834	8,946	2,863	0.32	1.891	8,662	2,772	0.32	1.986
25	20	8,698	5,219	0.60	1.604	8,343	5,006	0.60	1.700	8,094	4,856	0.60	1.738	7,810	4,686	0.60	1.815
25	22	9,053	4,345	0.48	1.662	8,733	4,192	0.48	1.767	8,520	4,090	0.48	1.815	8,165	3,919	0.48	1.891
25	24	9,514	3,425	0.36	1.738	9,159	3,297	0.36	1.834	8,946	3,221	0.36	1.891	8,662	3,118	0.36	1.986
26	18	8,343	6,340	0.76	1.528	7,988	6,071	0.76	1.604	7,668	5,828	0.76	1.681	7,384	5,612	0.76	1.757
26	20	8,698	5,566	0.64	1.604	8,343	5,339	0.64	1.700	8,094	5,180	0.64	1.738	7,810	4,998	0.64	1.815
26	22	9,053	4,707	0.52	1.662	8,733	4,541	0.52	1.767	8,520	4,430	0.52	1.815	8,165	4,246	0.52	1.891
26	24	9,514	3,806	0.40	1.738	9,159	3,664	0.40	1.834	8,946	3,578	0.40	1.891	8,662	3,465	0.40	1.986
26	26	9,798	2,743	0.28	1.834	9,514	2,664	0.28	1.929	9,372	2,624	0.28	1.986	9,088	2,545	0.28	2.044
27	18	8,343	6,674	0.80	1.528	7,988	6,390	0.80	1.604	7,668	6,134	0.80	1.681	7,384	5,907	0.80	1.757
27	20	8,698	5,914	0.68	1.604	8,343	5,673	0.68	1.700	8,094	5,504	0.68	1.738	7,810	5,311	0.68	1.815
27	22	9,053	5,069	0.56	1.662	8,733	4,890	0.56	1.767	8,520	4,771	0.56	1.815	8,165	4,572	0.56	1.891
27	24	9,514	4,186	0.44	1.738	9,159	4,030	0.44	1.834	8,946	3,936	0.44	1.891	8,662	3,811	0.44	1.986
27	26	9,798	3,135	0.32	1.834	9,514	3,044	0.32	1.929	9,372	2,999	0.32	1.986	9,088	2,908	0.32	2.044
28	18	8,343	7,008	0.84	1.528	7,988	6,710	0.84	1.604	7,668	6,441	0.84	1.681	7,384	6,203	0.84	1.757
28	20	8,698	6,262	0.72	1.604	8,343	6,007	0.72	1.700	8,094	5,828	0.72	1.738	7,810	5,623	0.72	1.815
28	22	9,053	5,432	0.60	1.662	8,733	5,240	0.60	1.767	8,520	5,112	0.60	1.815	8,165	4,899	0.60	1.891
28	24	9,514	4,567	0.48	1.738	9,159	4,396	0.48	1.834	8,946	4,294	0.48	1.891	8,662	4,158	0.48	1.986
28	26	9,798	3,527	0.36	1.834	9,514	3,425	0.36	1.929	9,372	3,374	0.36	1.986	9,088	3,272	0.36	2.044
29	18	8,343	7,341	0.88	1.528	7,988	7,029	0.88	1.604	7,668	6,748	0.88	1.681	7,384	6,498	0.88	1.757
29	20	8,698	6,610	0.76	1.604	8,343	6,340	0.76	1.700	8,094	6,151	0.76	1.738	7,810	5,936	0.76	1.815
29	22	9,053	5,794	0.64	1.662	8,733	5,589	0.64	1.767	8,520	5,453	0.64	1.815	8,165	5,226	0.64	1.891
29	24	9,514	4,947	0.52	1.738	9,159	4,763	0.52	1.834	8,946	4,652	0.52	1.891	8,662	4,504	0.52	1.986
29	26	9,798	3,919	0.40	1.834	9,514	3,806	0.40	1.929	9,372	3,749	0.40	1.986	9,088	3,635	0.40	2.044
30	18	8,343	7,675	0.92	1.528	7,988	7,349	0.92	1.604	7,668	7,055	0.92	1.681	7,384	6,793	0.92	1.757
30	20	8,698	6,958	0.80	1.604	8,343	6,674	0.80	1.700	8,094	6,475	0.80	1.738	7,810	6,248	0.80	1.815
30	22	9,053	6,156	0.68	1.662	8,733	5,938	0.68	1.767	8,520	5,794	0.68	1.815	8,165	5,552	0.68	1.891
30	24	9,514	5,328	0.56	1.738	9,159	5,129	0.56	1.834	8,946	5,010	0.56	1.891	8,662	4,851	0.56	1.986
30	26	9,798	4,311	0.44	1.834	9,514	4,186	0.44	1.929	9,372	4,124	0.44	1.986	9,088	3,999	0.44	2.044
31	18	8,343	8,009	0.96	1.528	7,988	7,668	0.96	1.604	7,668	7,361	0.96	1.681	7,384	7,089	0.96	1.757
31	20	8,698	7,306	0.84	1.604	8,343	7,008	0.84	1.700	8,094	6,799	0.84	1.738	7,810	6,560	0.84	1.815
31	22	9,053	6,518	0.72	1.662	8,733	6,288	0.72	1.767	8,520	6,134	0.72	1.815	8,165	5,879	0.72	1.891
31	24	9,514	5,708	0.60	1.738	9,159	5,495	0.60	1.834	8,946	5,368	0.60	1.891	8,662	5,197	0.60	1.986
31	26	9,798	4,703	0.48	1.834	9,514	4,567	0.48	1.929	9,372	4,499	0.48	1.986	9,088	4,362	0.48	2.044
32	18	8,343	8,343	1.00	1.528	7,988	7,988	1.00	1.604	7,668	7,668	1.00	1.681	7,384	7,384	1.00	1.757
32	20	8,698	7,654	0.88	1.604	8,343	7,341	0.88	1.700	8,094	7,123	0.88	1.738	7,810	6,873	0.88	1.815
32	22	9,053	6,880	0.76	1.662	8,733	6,637	0.76	1.767	8,520	6,475	0.76	1.815	8,165	6,205	0.76	1.891
32	24	9,514	6,089	0.64	1.738	9,159	5,862	0.64	1.834	8,946	5,725	0.64	1.891	8,662	5,544	0.64	1.986
32	26	9,798	5,095	0.52	1.834	9,514	4,947	0.52	1.929	9,372	4,873	0.52	1.986	9,088	4,726	0.52	2.044

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M71EA / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	3,896	0.56	1.872	6,390	3,578	0.56	1.986	5,893	3,300	0.56	2.063
21	20	7,313	3,218	0.44	1.948	6,816	2,999	0.44	2.044	6,319	2,780	0.44	2.158
22	18	6,958	4,175	0.60	1.872	6,390	3,834	0.60	1.986	5,893	3,536	0.60	2.063
22	20	7,313	3,510	0.48	1.948	6,816	3,272	0.48	2.044	6,319	3,033	0.48	2.158
22	22	7,739	2,786	0.36	2.025	7,242	2,607	0.36	2.139	6,745	2,428	0.36	2.216
23	18	6,958	4,453	0.64	1.872	6,390	4,090	0.64	1.986	5,893	3,772	0.64	2.063
23	20	7,313	3,803	0.52	1.948	6,816	3,544	0.52	2.044	6,319	3,286	0.52	2.158
23	22	7,739	3,096	0.40	2.025	7,242	2,897	0.40	2.139	6,745	2,698	0.40	2.216
24	18	6,958	4,731	0.68	1.872	6,390	4,345	0.68	1.986	5,893	4,007	0.68	2.063
24	20	7,313	4,095	0.56	1.948	6,816	3,817	0.56	2.044	6,319	3,539	0.56	2.158
24	22	7,739	3,405	0.44	2.025	7,242	3,186	0.44	2.139	6,745	2,968	0.44	2.216
24	24	8,165	2,613	0.32	2.101	7,668	2,454	0.32	2.197	7,242	2,317	0.32	2.292
25	20	7,313	4,388	0.60	1.948	6,816	4,090	0.60	2.044	6,319	3,791	0.60	2.158
25	22	7,739	3,715	0.48	2.025	7,242	3,476	0.48	2.139	6,745	3,238	0.48	2.216
25	24	8,165	2,939	0.36	2.101	7,668	2,760	0.36	2.197	7,242	2,607	0.36	2.292
26	18	6,958	5,288	0.76	1.872	6,390	4,856	0.76	1.986	5,893	4,479	0.76	2.063
26	20	7,313	4,680	0.64	1.948	6,816	4,362	0.64	2.044	6,319	4,044	0.64	2.158
26	22	7,739	4,024	0.52	2.025	7,242	3,766	0.52	2.139	6,745	3,507	0.52	2.216
26	24	8,165	3,266	0.40	2.101	7,668	3,067	0.40	2.197	7,242	2,897	0.40	2.292
26	26	8,591	2,405	0.28	2.177	8,094	2,266	0.28	2.273	7,597	2,127	0.28	2.368
27	18	6,958	5,566	0.80	1.872	6,390	5,112	0.80	1.986	5,893	4,714	0.80	2.063
27	20	7,313	4,973	0.68	1.948	6,816	4,635	0.68	2.044	6,319	4,297	0.68	2.158
27	22	7,739	4,334	0.56	2.025	7,242	4,056	0.56	2.139	6,745	3,777	0.56	2.216
27	24	8,165	3,593	0.44	2.101	7,668	3,374	0.44	2.197	7,242	3,186	0.44	2.292
27	26	8,591	2,749	0.32	2.177	8,094	2,590	0.32	2.273	7,597	2,431	0.32	2.368
28	18	6,958	5,845	0.84	1.872	6,390	5,368	0.84	1.986	5,893	4,950	0.84	2.063
28	20	7,313	5,265	0.72	1.948	6,816	4,908	0.72	2.044	6,319	4,550	0.72	2.158
28	22	7,739	4,643	0.60	2.025	7,242	4,345	0.60	2.139	6,745	4,047	0.60	2.216
28	24	8,165	3,919	0.48	2.101	7,668	3,681	0.48	2.197	7,242	3,476	0.48	2.292
28	26	8,591	3,093	0.36	2.177	8,094	2,914	0.36	2.273	7,597	2,735	0.36	2.368
29	18	6,958	6,123	0.88	1.872	6,390	5,623	0.88	1.986	5,893	5,186	0.88	2.063
29	20	7,313	5,558	0.76	1.948	6,816	5,180	0.76	2.044	6,319	4,802	0.76	2.158
29	22	7,739	4,953	0.64	2.025	7,242	4,635	0.64	2.139	6,745	4,317	0.64	2.216
29	24	8,165	4,246	0.52	2.101	7,668	3,987	0.52	2.197	7,242	3,766	0.52	2.292
29	26	8,591	3,436	0.40	2.177	8,094	3,238	0.40	2.273	7,597	3,039	0.40	2.368
30	18	6,958	6,401	0.92	1.872	6,390	5,879	0.92	1.986	5,893	5,422	0.92	2.063
30	20	7,313	5,850	0.80	1.948	6,816	5,453	0.80	2.044	6,319	5,055	0.80	2.158
30	22	7,739	5,263	0.68	2.025	7,242	4,925	0.68	2.139	6,745	4,587	0.68	2.216
30	24	8,165	4,572	0.56	2.101	7,668	4,294	0.56	2.197	7,242	4,056	0.56	2.292
30	26	8,591	3,780	0.44	2.177	8,094	3,561	0.44	2.273	7,597	3,343	0.44	2.368
31	18	6,958	6,680	0.96	1.872	6,390	6,134	0.96	1.986	5,893	5,657	0.96	2.063
31	20	7,313	6,143	0.84	1.948	6,816	5,725	0.84	2.044	6,319	5,308	0.84	2.158
31	22	7,739	5,572	0.72	2.025	7,242	5,214	0.72	2.139	6,745	4,856	0.72	2.216
31	24	8,165	4,899	0.60	2.101	7,668	4,601	0.60	2.197	7,242	4,345	0.60	2.292
31	26	8,591	4,124	0.48	2.177	8,094	3,885	0.48	2.273	7,597	3,647	0.48	2.368
32	18	6,958	6,958	1.00	1.872	6,390	6,390	1.00	1.986	5,893	5,893	1.00	2.063
32	20	7,313	6,435	0.88	1.948	6,816	5,998	0.88	2.044	6,319	5,561	0.88	2.158
32	22	7,739	5,882	0.76	2.025	7,242	5,504	0.76	2.139	6,745	5,126	0.76	2.216
32	24	8,165	5,226	0.64	2.101	7,668	4,908	0.64	2.197	7,242	4,635	0.64	2.292
32	26	8,591	4,467	0.52	2.177	8,094	4,209	0.52	2.273	7,597	3,950	0.52	2.368

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M100EA / PUZ-M100VKA PUZ-M100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,301	0.67	2.17	9,120	6,110	0.67	2.29	8,835	5,919	0.67	2.43
20	18	10,070	5,539	0.55	2.21	9,785	5,382	0.55	2.33	9,453	5,199	0.55	2.49
20	20	10,830	4,657	0.43	2.28	10,593	4,555	0.43	2.38	10,308	4,432	0.43	2.55
22	16	9,405	7,054	0.75	2.17	9,120	6,840	0.75	2.29	8,835	6,626	0.75	2.43
22	18	10,070	6,344	0.63	2.21	9,785	6,165	0.63	2.33	9,453	5,955	0.63	2.49
22	20	10,830	5,523	0.51	2.28	10,593	5,402	0.51	2.38	10,308	5,257	0.51	2.55
24	16	9,405	7,806	0.83	2.17	9,120	7,570	0.83	2.29	8,835	7,333	0.83	2.43
24	18	10,070	7,150	0.71	2.21	9,785	6,947	0.71	2.33	9,453	6,711	0.71	2.49
24	20	10,830	6,390	0.59	2.28	10,593	6,250	0.59	2.38	10,308	6,081	0.59	2.55
24	22	11,543	5,425	0.47	2.33	11,305	5,313	0.47	2.47	11,020	5,179	0.47	2.63
26	16	9,405	8,559	0.91	2.17	9,120	8,299	0.91	2.29	8,835	8,040	0.91	2.43
26	18	10,070	7,955	0.79	2.21	9,785	7,730	0.79	2.33	9,453	7,467	0.79	2.49
26	20	10,830	7,256	0.67	2.28	10,593	7,097	0.67	2.38	10,308	6,906	0.67	2.55
26	22	11,543	6,348	0.55	2.33	11,305	6,218	0.55	2.47	11,020	6,061	0.55	2.63
27	16	9,405	8,935	0.95	2.17	9,120	8,664	0.95	2.29	8,835	8,393	0.95	2.43
27	18	10,070	8,358	0.83	2.21	9,785	8,122	0.83	2.33	9,453	7,846	0.83	2.49
27	20	10,830	7,689	0.71	2.28	10,593	7,521	0.71	2.38	10,308	7,318	0.71	2.55
27	22	11,543	6,810	0.59	2.33	11,305	6,670	0.59	2.47	11,020	6,502	0.59	2.63
28	16	9,405	9,311	0.99	2.17	9,120	9,029	0.99	2.29	8,835	8,747	0.99	2.43
28	18	10,070	8,761	0.87	2.21	9,785	8,513	0.87	2.33	9,453	8,224	0.87	2.49
28	20	10,830	8,123	0.75	2.28	10,593	7,944	0.75	2.38	10,308	7,731	0.75	2.55
28	22	11,543	7,272	0.63	2.33	11,305	7,122	0.63	2.47	11,020	6,943	0.63	2.63
30	16	9,405	9,405	1.00	2.17	9,120	9,120	1.00	2.29	8,835	8,835	1.00	2.43
30	18	10,070	9,567	0.95	2.21	9,785	9,296	0.95	2.33	9,453	8,980	0.95	2.49
30	20	10,830	8,989	0.83	2.28	10,593	8,792	0.83	2.38	10,308	8,555	0.83	2.55
30	22	11,543	8,195	0.71	2.33	11,305	8,027	0.71	2.47	11,020	7,824	0.71	2.63
32	16	9,405	9,405	1.00	2.17	9,120	9,120	1.00	2.29	8,835	8,835	1.00	2.43
32	18	10,070	10,070	1.00	2.21	9,785	9,785	1.00	2.33	9,453	9,453	1.00	2.49
32	20	10,830	9,855	0.91	2.28	10,593	9,639	0.91	2.38	10,308	9,380	0.91	2.55
32	22	11,543	9,119	0.79	2.33	11,305	8,931	0.79	2.47	11,020	8,706	0.79	2.63
34	16	9,405	9,405	1.00	2.17	9,120	9,120	1.00	2.29	8,835	8,835	1.00	2.43
34	18	10,070	10,070	1.00	2.21	9,785	9,785	1.00	2.33	9,453	9,453	1.00	2.49
34	20	10,830	10,722	0.99	2.28	10,593	10,487	0.99	2.38	10,308	10,204	0.99	2.55
34	22	11,543	10,042	0.87	2.33	11,305	9,835	0.87	2.47	11,020	9,587	0.87	2.63

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,665	0.67	2.60	8,075	5,410	0.67	2.79	7,695	5,156	0.67	3.02
20	18	9,120	5,016	0.55	2.67	8,835	4,859	0.55	2.87	8,265	4,546	0.55	3.09
20	20	9,880	4,248	0.43	2.74	9,500	4,085	0.43	2.93	8,930	3,840	0.43	3.14
22	16	8,455	6,341	0.75	2.60	8,075	6,056	0.75	2.79	7,695	5,771	0.75	3.02
22	18	9,120	5,746	0.63	2.67	8,835	5,566	0.63	2.87	8,265	5,207	0.63	3.09
22	20	9,880	5,039	0.51	2.74	9,500	4,845	0.51	2.93	8,930	4,554	0.51	3.14
24	16	8,455	7,018	0.83	2.60	8,075	6,702	0.83	2.79	7,695	6,387	0.83	3.02
24	18	9,120	6,475	0.71	2.67	8,835	6,273	0.71	2.87	8,265	5,868	0.71	3.09
24	20	9,880	5,829	0.59	2.74	9,500	5,605	0.59	2.93	8,930	5,269	0.59	3.14
24	22	10,640	5,001	0.47	2.79	10,260	4,822	0.47	3.01	9,690	4,554	0.47	3.20
26	16	8,455	7,694	0.91	2.60	8,075	7,348	0.91	2.79	7,695	7,002	0.91	3.02
26	18	9,120	7,205	0.79	2.67	8,835	6,980	0.79	2.87	8,265	6,529	0.79	3.09
26	20	9,880	6,620	0.67	2.74	9,500	6,365	0.67	2.93	8,930	5,983	0.67	3.14
26	22	10,640	5,852	0.55	2.79	10,260	5,643	0.55	3.01	9,690	5,330	0.55	3.20
27	16	8,455	8,032	0.95	2.60	8,075	7,671	0.95	2.79	7,695	7,310	0.95	3.02
27	18	9,120	7,570	0.83	2.67	8,835	7,333	0.83	2.87	8,265	6,860	0.83	3.09
27	20	9,880	7,015	0.71	2.74	9,500	6,745	0.71	2.93	8,930	6,340	0.71	3.14
27	22	10,640	6,278	0.59	2.79	10,260	6,053	0.59	3.01	9,690	5,717	0.59	3.20
28	16	8,455	8,370	0.99	2.60	8,075	7,994	0.99	2.79	7,695	7,618	0.99	3.02
28	18	9,120	7,934	0.87	2.67	8,835	7,686	0.87	2.87	8,265	7,191	0.87	3.09
28	20	9,880	7,410	0.75	2.74	9,500	7,125	0.75	2.93	8,930	6,698	0.75	3.14
28	22	10,640	6,703	0.63	2.79	10,260	6,464	0.63	3.01	9,690	6,105	0.63	3.20
30	16	8,455	8,455	1.00	2.60	8,075	8,075	1.00	2.79	7,695	7,695	1.00	3.02
30	18	9,120	8,664	0.95	2.67	8,835	8,393	0.95	2.87	8,265	7,852	0.95	3.09
30	20	9,880	8,200	0.83	2.74	9,500	7,885	0.83	2.93	8,930	7,412	0.83	3.14
30	22	10,640	7,554	0.71	2.79	10,260	7,285	0.71	3.01	9,690	6,880	0.71	3.20
32	16	8,455	8,455	1.00	2.60	8,075	8,075	1.00	2.79	7,695	7,695	1.00	3.02
32	18	9,120	9,120	1.00	2.67	8,835	8,835	1.00	2.87	8,265	8,265	1.00	3.09
32	20	9,880	8,991	0.91	2.74	9,500	8,645	0.91	2.93	8,930	8,126	0.91	3.14
32	22	10,640	8,406	0.79	2.79	10,260	8,105	0.79	3.01	9,690	7,655	0.79	3.20
34	16	8,455	8,455	1.00	2.60	8,075	8,075	1.00	2.79	7,695	7,695	1.00	3.02
34	18	9,120	9,120	1.00	2.67	8,835	8,835	1.00	2.87	8,265	8,265	1.00	3.09
34	20	9,880	9,781	0.99	2.74	9,500	9,405	0.99	2.93	8,930	8,841	0.99	3.14
34	22	10,640	9,257	0.87	2.79	10,260	8,926	0.87	3.01	9,690	8,430	0.87	3.20

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M125EA / PUZ-M125VKA PUZ-M125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,427	0.62	3.21	11,616	7,202	0.62	3.39	11,253	6,977	0.62	3.59
20	18	12,826	6,413	0.50	3.27	12,463	6,232	0.50	3.45	12,040	6,020	0.50	3.69
20	20	13,794	5,242	0.38	3.37	13,492	5,127	0.38	3.53	13,129	4,989	0.38	3.77
22	16	11,979	8,385	0.70	3.21	11,616	8,131	0.70	3.39	11,253	7,877	0.70	3.59
22	18	12,826	7,439	0.58	3.27	12,463	7,229	0.58	3.45	12,040	6,983	0.58	3.69
22	20	13,794	6,345	0.46	3.37	13,492	6,206	0.46	3.53	13,129	6,039	0.46	3.77
24	16	11,979	9,344	0.78	3.21	11,616	9,060	0.78	3.39	11,253	8,777	0.78	3.59
24	18	12,826	8,465	0.66	3.27	12,463	8,226	0.66	3.45	12,040	7,946	0.66	3.69
24	20	13,794	7,449	0.54	3.37	13,492	7,285	0.54	3.53	13,129	7,089	0.54	3.77
24	22	14,702	6,175	0.42	3.45	14,399	6,048	0.42	3.65	14,036	5,895	0.42	3.89
26	16	11,979	10,302	0.86	3.21	11,616	9,990	0.86	3.39	11,253	9,678	0.86	3.59
26	18	12,826	9,491	0.74	3.27	12,463	9,223	0.74	3.45	12,040	8,909	0.74	3.69
26	20	13,794	8,552	0.62	3.37	13,492	8,365	0.62	3.53	13,129	8,140	0.62	3.77
26	22	14,702	7,351	0.50	3.45	14,399	7,200	0.50	3.65	14,036	7,018	0.50	3.89
27	16	11,979	10,781	0.90	3.21	11,616	10,454	0.90	3.39	11,253	10,128	0.90	3.59
27	18	12,826	10,004	0.78	3.27	12,463	9,721	0.78	3.45	12,040	9,391	0.78	3.69
27	20	13,794	9,104	0.66	3.37	13,492	8,904	0.66	3.53	13,129	8,665	0.66	3.77
27	22	14,702	7,939	0.54	3.45	14,399	7,775	0.54	3.65	14,036	7,579	0.54	3.89
28	16	11,979	11,260	0.94	3.21	11,616	10,919	0.94	3.39	11,253	10,578	0.94	3.59
28	18	12,826	10,517	0.82	3.27	12,463	10,220	0.82	3.45	12,040	9,872	0.82	3.69
28	20	13,794	9,656	0.70	3.37	13,492	9,444	0.70	3.53	13,129	9,190	0.70	3.77
28	22	14,702	8,527	0.58	3.45	14,399	8,351	0.58	3.65	14,036	8,141	0.58	3.89
30	16	11,979	11,979	1.00	3.21	11,616	11,616	1.00	3.39	11,253	11,253	1.00	3.59
30	18	12,826	11,543	0.90	3.27	12,463	11,217	0.90	3.45	12,040	10,836	0.90	3.69
30	20	13,794	10,759	0.78	3.37	13,492	10,523	0.78	3.53	13,129	10,240	0.78	3.77
30	22	14,702	9,703	0.66	3.45	14,399	9,503	0.66	3.65	14,036	9,264	0.66	3.89
32	16	11,979	11,979	1.00	3.21	11,616	11,616	1.00	3.39	11,253	11,253	1.00	3.59
32	18	12,826	12,569	0.98	3.27	12,463	12,214	0.98	3.45	12,040	11,799	0.98	3.69
32	20	13,794	11,863	0.86	3.37	13,492	11,603	0.86	3.53	13,129	11,291	0.86	3.77
32	22	14,702	10,879	0.74	3.45	14,399	10,655	0.74	3.65	14,036	10,387	0.74	3.89
34	16	11,979	11,979	1.00	3.21	11,616	11,616	1.00	3.39	11,253	11,253	1.00	3.59
34	18	12,826	12,826	1.00	3.27	12,463	12,463	1.00	3.45	12,040	12,040	1.00	3.69
34	20	13,794	12,966	0.94	3.37	13,492	12,682	0.94	3.53	13,129	12,341	0.94	3.77
34	22	14,702	12,055	0.82	3.45	14,399	11,807	0.82	3.65	14,036	11,510	0.82	3.89

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,677	0.62	3.85	10,285	6,377	0.62	4.13	9,801	6,077	0.62	4.47
20	18	11,616	5,808	0.50	3.95	11,253	5,627	0.50	4.25	10,527	5,264	0.50	4.57
20	20	12,584	4,782	0.38	4.05	12,100	4,598	0.38	4.33	11,374	4,322	0.38	4.65
22	16	10,769	7,538	0.70	3.85	10,285	7,200	0.70	4.13	9,801	6,861	0.70	4.47
22	18	11,616	6,737	0.58	3.95	11,253	6,527	0.58	4.25	10,527	6,106	0.58	4.57
22	20	12,584	5,789	0.46	4.05	12,100	5,566	0.46	4.33	11,374	5,232	0.46	4.65
24	16	10,769	8,400	0.78	3.85	10,285	8,022	0.78	4.13	9,801	7,645	0.78	4.47
24	18	11,616	7,667	0.66	3.95	11,253	7,427	0.66	4.25	10,527	6,948	0.66	4.57
24	20	12,584	6,795	0.54	4.05	12,100	6,534	0.54	4.33	11,374	6,142	0.54	4.65
24	22	13,552	5,692	0.42	4.13	13,068	5,489	0.42	4.45	12,342	5,184	0.42	4.73
26	16	10,769	9,261	0.86	3.85	10,285	8,845	0.86	4.13	9,801	8,429	0.86	4.47
26	18	11,616	8,596	0.74	3.95	11,253	8,327	0.74	4.25	10,527	7,790	0.74	4.57
26	20	12,584	7,802	0.62	4.05	12,100	7,502	0.62	4.33	11,374	7,052	0.62	4.65
26	22	13,552	6,776	0.50	4.13	13,068	6,534	0.50	4.45	12,342	6,171	0.50	4.73
27	16	10,769	9,692	0.90	3.85	10,285	9,257	0.90	4.13	9,801	8,821	0.90	4.47
27	18	11,616	9,060	0.78	3.95	11,253	8,777	0.78	4.25	10,527	8,211	0.78	4.57
27	20	12,584	8,305	0.66	4.05	12,100	7,986	0.66	4.33	11,374	7,507	0.66	4.65
27	22	13,552	7,318	0.54	4.13	13,068	7,057	0.54	4.45	12,342	6,665	0.54	4.73
28	16	10,769	10,123	0.94	3.85	10,285	9,668	0.94	4.13	9,801	9,213	0.94	4.47
28	18	11,616	9,525	0.82	3.95	11,253	9,227	0.82	4.25	10,527	8,632	0.82	4.57
28	20	12,584	8,809	0.70	4.05	12,100	8,470	0.70	4.33	11,374	7,962	0.70	4.65
28	22	13,552	7,860	0.58	4.13	13,068	7,579	0.58	4.45	12,342	7,158	0.58	4.73
30	16	10,769	10,769	1.00	3.85	10,285	10,285	1.00	4.13	9,801	9,801	1.00	4.47
30	18	11,616	10,454	0.90	3.95	11,253	10,128	0.90	4.25	10,527	9,474	0.90	4.57
30	20	12,584	9,816	0.78	4.05	12,100	9,438	0.78	4.33	11,374	8,872	0.78	4.65
30	22	13,552	8,944	0.66	4.13	13,068	8,625	0.66	4.45	12,342	8,146	0.66	4.73
32	16	10,769	10,769	1.00	3.85	10,285	10,285	1.00	4.13	9,801	9,801	1.00	4.47
32	18	11,616	11,384	0.98	3.95	11,253	11,028	0.98	4.25	10,527	10,316	0.98	4.57
32	20	12,584	10,822	0.86	4.05	12,100	10,406	0.86	4.33	11,374	9,782	0.86	4.65
32	22	13,552	10,028	0.74	4.13	13,068	9,670	0.74	4.45	12,342	9,133	0.74	4.73
34	16	10,769	10,769	1.00	3.85	10,285	10,285	1.00	4.13	9,801	9,801	1.00	4.47
34	18	11,616	11,616	1.00	3.95	11,253	11,253	1.00	4.25	10,527	10,527	1.00	4.57
34	20	12,584	11,829	0.94	4.05	12,100	11,374	0.94	4.33	11,374	10,692	0.94	4.65
34	22	13,552	11,113	0.82	4.13	13,068	10,716	0.82	4.45	12,342	10,120	0.82	4.73

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

COOLING CAPACITY
PLA-M140EA / PUZ-M140VKA PUZ-M140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	7,960	0.60	3.97	12,864	7,718	0.60	4.19	12,462	7,477	0.60	4.44
20	18	14,204	6,818	0.48	4.04	13,802	6,625	0.48	4.27	13,333	6,400	0.48	4.56
20	20	15,276	5,499	0.36	4.17	14,941	5,379	0.36	4.36	14,539	5,234	0.36	4.66
22	16	13,266	9,021	0.68	3.97	12,864	8,748	0.68	4.19	12,462	8,474	0.68	4.44
22	18	14,204	7,954	0.56	4.04	13,802	7,729	0.56	4.27	13,333	7,466	0.56	4.56
22	20	15,276	6,721	0.44	4.17	14,941	6,574	0.44	4.36	14,539	6,397	0.44	4.66
24	16	13,266	10,082	0.76	3.97	12,864	9,777	0.76	4.19	12,462	9,471	0.76	4.44
24	18	14,204	9,091	0.64	4.04	13,802	8,833	0.64	4.27	13,333	8,533	0.64	4.56
24	20	15,276	7,944	0.52	4.17	14,941	7,769	0.52	4.36	14,539	7,560	0.52	4.66
24	22	16,281	6,512	0.40	4.27	15,946	6,378	0.40	4.51	15,544	6,218	0.40	4.81
26	16	13,266	11,143	0.84	3.97	12,864	10,806	0.84	4.19	12,462	10,468	0.84	4.44
26	18	14,204	10,227	0.72	4.04	13,802	9,937	0.72	4.27	13,333	9,600	0.72	4.56
26	20	15,276	9,166	0.60	4.17	14,941	8,965	0.60	4.36	14,539	8,723	0.60	4.66
26	22	16,281	7,815	0.48	4.27	15,946	7,654	0.48	4.51	15,544	7,461	0.48	4.81
27	16	13,266	11,674	0.88	3.97	12,864	11,320	0.88	4.19	12,462	10,967	0.88	4.44
27	18	14,204	10,795	0.76	4.04	13,802	10,490	0.76	4.27	13,333	10,133	0.76	4.56
27	20	15,276	9,777	0.64	4.17	14,941	9,562	0.64	4.36	14,539	9,305	0.64	4.66
27	22	16,281	8,466	0.52	4.27	15,946	8,292	0.52	4.51	15,544	8,083	0.52	4.81
28	16	13,266	12,205	0.92	3.97	12,864	11,835	0.92	4.19	12,462	11,465	0.92	4.44
28	18	14,204	11,363	0.80	4.04	13,802	11,042	0.80	4.27	13,333	10,666	0.80	4.56
28	20	15,276	10,388	0.68	4.17	14,941	10,160	0.68	4.36	14,539	9,887	0.68	4.66
28	22	16,281	9,117	0.56	4.27	15,946	8,930	0.56	4.51	15,544	8,705	0.56	4.81
30	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
30	18	14,204	12,500	0.88	4.04	13,802	12,146	0.88	4.27	13,333	11,733	0.88	4.56
30	20	15,276	11,610	0.76	4.17	14,941	11,355	0.76	4.36	14,539	11,050	0.76	4.66
30	22	16,281	10,420	0.64	4.27	15,946	10,205	0.64	4.51	15,544	9,948	0.64	4.81
32	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
32	18	14,204	13,636	0.96	4.04	13,802	13,250	0.96	4.27	13,333	12,800	0.96	4.56
32	20	15,276	12,832	0.84	4.17	14,941	12,550	0.84	4.36	14,539	12,213	0.84	4.66
32	22	16,281	11,722	0.72	4.27	15,946	11,481	0.72	4.51	15,544	11,192	0.72	4.81
34	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
34	18	14,204	14,204	1.00	4.04	13,802	13,802	1.00	4.27	13,333	13,333	1.00	4.56
34	20	15,276	14,054	0.92	4.17	14,941	13,746	0.92	4.36	14,539	13,376	0.92	4.66
34	22	16,281	13,025	0.80	4.27	15,946	12,757	0.80	4.51	15,544	12,435	0.80	4.81

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,156	0.60	4.76	11,390	6,834	0.60	5.11	10,854	6,512	0.60	5.53
20	18	12,864	6,175	0.48	4.89	12,462	5,982	0.48	5.26	11,658	5,596	0.48	5.65
20	20	13,936	5,017	0.36	5.01	13,400	4,824	0.36	5.36	12,596	4,535	0.36	5.75
22	16	11,926	8,110	0.68	4.76	11,390	7,745	0.68	5.11	10,854	7,381	0.68	5.53
22	18	12,864	7,204	0.56	4.89	12,462	6,979	0.56	5.26	11,658	6,528	0.56	5.65
22	20	13,936	6,132	0.44	5.01	13,400	5,896	0.44	5.36	12,596	5,542	0.44	5.75
24	16	11,926	9,064	0.76	4.76	11,390	8,656	0.76	5.11	10,854	8,249	0.76	5.53
24	18	12,864	8,233	0.64	4.89	12,462	7,976	0.64	5.26	11,658	7,461	0.64	5.65
24	20	13,936	7,247	0.52	5.01	13,400	6,968	0.52	5.36	12,596	6,550	0.52	5.75
24	22	15,008	6,003	0.40	5.11	14,472	5,789	0.40	5.51	13,668	5,467	0.40	5.85
26	16	11,926	10,018	0.84	4.76	11,390	9,568	0.84	5.11	10,854	9,117	0.84	5.53
26	18	12,864	9,262	0.72	4.89	12,462	8,973	0.72	5.26	11,658	8,394	0.72	5.65
26	20	13,936	8,362	0.60	5.01	13,400	8,040	0.60	5.36	12,596	7,558	0.60	5.75
26	22	15,008	7,204	0.48	5.11	14,472	6,947	0.48	5.51	13,668	6,561	0.48	5.85
27	16	11,926	10,495	0.88	4.76	11,390	10,023	0.88	5.11	10,854	9,552	0.88	5.53
27	18	12,864	9,777	0.76	4.89	12,462	9,471	0.76	5.26	11,658	8,860	0.76	5.65
27	20	13,936	8,919	0.64	5.01	13,400	8,576	0.64	5.36	12,596	8,061	0.64	5.75
27	22	15,008	7,804	0.52	5.11	14,472	7,525	0.52	5.51	13,668	7,107	0.52	5.85
28	16	11,926	10,972	0.92	4.76	11,390	10,479	0.92	5.11	10,854	9,986	0.92	5.53
28	18	12,864	10,291	0.80	4.89	12,462	9,970	0.80	5.26	11,658	9,326	0.80	5.65
28	20	13,936	9,476	0.68	5.01	13,400	9,112	0.68	5.36	12,596	8,565	0.68	5.75
28	22	15,008	8,404	0.56	5.11	14,472	8,104	0.56	5.51	13,668	7,654	0.56	5.85
30	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
30	18	12,864	11,320	0.88	4.89	12,462	10,967	0.88	5.26	11,658	10,259	0.88	5.65
30	20	13,936	10,591	0.76	5.01	13,400	10,184	0.76	5.36	12,596	9,573	0.76	5.75
30	22	15,008	9,605	0.64	5.11	14,472	9,262	0.64	5.51	13,668	8,748	0.64	5.85
32	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
32	18	12,864	12,349	0.96	4.89	12,462	11,964	0.96	5.26	11,658	11,192	0.96	5.65
32	20	13,936	11,706	0.84	5.01	13,400	11,256	0.84	5.36	12,596	10,581	0.84	5.75
32	22	15,008	10,806	0.72	5.11	14,472	10,420	0.72	5.51	13,668	9,841	0.72	5.85
34	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
34	18	12,864	12,864	1.00	4.89	12,462	12,462	1.00	5.26	11,658	11,658	1.00	5.65
34	20	13,936	12,821	0.92	5.01	13,400	12,328	0.92	5.36	12,596	11,588	0.92	5.75
34	22	15,008	12,006	0.80	5.11	14,472	11,578	0.80	5.51	13,668	10,934	0.80	5.85

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

**COOLING CAPACITY
PLA-SM71EA / SUZ-SM71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,755	0.57	1.576	7,988	4,553	0.57	1.655	7,668	4,371	0.57	1.734	7,384	4,209	0.57	1.812
21	20	8,698	3,914	0.45	1.655	8,343	3,754	0.45	1.753	8,094	3,642	0.45	1.793	7,810	3,515	0.45	1.872
22	18	8,343	5,089	0.61	1.576	7,988	4,872	0.61	1.655	7,668	4,677	0.61	1.734	7,384	4,504	0.61	1.812
22	20	8,698	4,262	0.49	1.655	8,343	4,088	0.49	1.753	8,094	3,966	0.49	1.793	7,810	3,827	0.49	1.872
22	22	9,053	3,349	0.37	1.714	8,733	3,231	0.37	1.822	8,520	3,152	0.37	1.872	8,165	3,021	0.37	1.950
23	18	8,343	5,423	0.65	1.576	7,988	5,192	0.65	1.655	7,668	4,984	0.65	1.734	7,384	4,800	0.65	1.812
23	20	8,698	4,610	0.53	1.655	8,343	4,422	0.53	1.753	8,094	4,290	0.53	1.793	7,810	4,139	0.53	1.872
23	22	9,053	3,712	0.41	1.714	8,733	3,581	0.41	1.822	8,520	3,493	0.41	1.872	8,165	3,348	0.41	1.950
24	18	8,343	5,756	0.69	1.576	7,988	5,511	0.69	1.655	7,668	5,291	0.69	1.734	7,384	5,095	0.69	1.812
24	20	8,698	4,958	0.57	1.655	8,343	4,755	0.57	1.753	8,094	4,614	0.57	1.793	7,810	4,452	0.57	1.872
24	22	9,053	4,074	0.45	1.714	8,733	3,930	0.45	1.822	8,520	3,834	0.45	1.872	8,165	3,674	0.45	1.950
24	24	9,514	3,140	0.33	1.793	9,159	3,022	0.33	1.891	8,946	2,952	0.33	1.950	8,662	2,858	0.33	2.049
25	20	8,698	5,305	0.61	1.655	8,343	5,089	0.61	1.753	8,094	4,937	0.61	1.793	7,810	4,764	0.61	1.872
25	22	9,053	4,436	0.49	1.714	8,733	4,279	0.49	1.822	8,520	4,175	0.49	1.872	8,165	4,001	0.49	1.950
25	24	9,514	3,520	0.37	1.793	9,159	3,389	0.37	1.891	8,946	3,310	0.37	1.950	8,662	3,205	0.37	2.049
26	18	8,343	6,424	0.77	1.576	7,988	6,150	0.77	1.655	7,668	5,904	0.77	1.734	7,384	5,686	0.77	1.812
26	20	8,698	5,653	0.65	1.655	8,343	5,423	0.65	1.753	8,094	5,261	0.65	1.793	7,810	5,077	0.65	1.872
26	22	9,053	4,798	0.53	1.714	8,733	4,628	0.53	1.822	8,520	4,516	0.53	1.872	8,165	4,327	0.53	1.950
26	24	9,514	3,901	0.41	1.793	9,159	3,755	0.41	1.891	8,946	3,668	0.41	1.950	8,662	3,551	0.41	2.049
26	26	9,798	2,841	0.29	1.891	9,514	2,759	0.29	1.990	9,372	2,718	0.29	2.049	9,088	2,636	0.29	2.108
27	18	8,343	6,757	0.81	1.576	7,988	6,470	0.81	1.655	7,668	6,211	0.81	1.734	7,384	5,981	0.81	1.812
27	20	8,698	6,001	0.69	1.655	8,343	5,756	0.69	1.753	8,094	5,585	0.69	1.793	7,810	5,389	0.69	1.872
27	22	9,053	5,160	0.57	1.714	8,733	4,978	0.57	1.822	8,520	4,856	0.57	1.872	8,165	4,654	0.57	1.950
27	24	9,514	4,281	0.45	1.793	9,159	4,122	0.45	1.891	8,946	4,026	0.45	1.950	8,662	3,898	0.45	2.049
27	26	9,798	3,233	0.33	1.891	9,514	3,140	0.33	1.990	9,372	3,093	0.33	2.049	9,088	2,999	0.33	2.108
28	18	8,343	7,091	0.85	1.576	7,988	6,789	0.85	1.655	7,668	6,518	0.85	1.734	7,384	6,276	0.85	1.812
28	20	8,698	6,349	0.73	1.655	8,343	6,090	0.73	1.753	8,094	5,909	0.73	1.793	7,810	5,701	0.73	1.872
28	22	9,053	5,522	0.61	1.714	8,733	5,327	0.61	1.822	8,520	5,197	0.61	1.872	8,165	4,981	0.61	1.950
28	24	9,514	4,662	0.49	1.793	9,159	4,488	0.49	1.891	8,946	4,384	0.49	1.950	8,662	4,244	0.49	2.049
28	26	9,798	3,625	0.37	1.891	9,514	3,520	0.37	1.990	9,372	3,468	0.37	2.049	9,088	3,363	0.37	2.108
29	18	8,343	7,425	0.89	1.576	7,988	7,109	0.89	1.655	7,668	6,825	0.89	1.734	7,384	6,572	0.89	1.812
29	20	8,698	6,697	0.77	1.655	8,343	6,424	0.77	1.753	8,094	6,232	0.77	1.793	7,810	6,014	0.77	1.872
29	22	9,053	5,884	0.65	1.714	8,733	5,676	0.65	1.822	8,520	5,538	0.65	1.872	8,165	5,307	0.65	1.950
29	24	9,514	5,042	0.53	1.793	9,159	4,854	0.53	1.891	8,946	4,741	0.53	1.950	8,662	4,591	0.53	2.049
29	26	9,798	4,017	0.41	1.891	9,514	3,901	0.41	1.990	9,372	3,843	0.41	2.049	9,088	3,726	0.41	2.108
30	18	8,343	7,759	0.93	1.576	7,988	7,428	0.93	1.655	7,668	7,131	0.93	1.734	7,384	6,867	0.93	1.812
30	20	8,698	7,045	0.81	1.655	8,343	6,757	0.81	1.753	8,094	6,556	0.81	1.793	7,810	6,326	0.81	1.872
30	22	9,053	6,246	0.69	1.714	8,733	6,026	0.69	1.822	8,520	5,879	0.69	1.872	8,165	5,634	0.69	1.950
30	24	9,514	5,423	0.57	1.793	9,159	5,221	0.57	1.891	8,946	5,099	0.57	1.950	8,662	4,937	0.57	2.049
30	26	9,798	4,409	0.45	1.891	9,514	4,281	0.45	1.990	9,372	4,217	0.45	2.049	9,088	4,090	0.45	2.108
31	18	8,343	8,092	0.97	1.576	7,988	7,748	0.97	1.655	7,668	7,438	0.97	1.734	7,384	7,162	0.97	1.812
31	20	8,698	7,393	0.85	1.655	8,343	7,091	0.85	1.753	8,094	6,880	0.85	1.793	7,810	6,639	0.85	1.872
31	22	9,053	6,608	0.73	1.714	8,733	6,375	0.73	1.822	8,520	6,220	0.73	1.872	8,165	5,960	0.73	1.950
31	24	9,514	5,804	0.61	1.793	9,159	5,587	0.61	1.891	8,946	5,457	0.61	1.950	8,662	5,284	0.61	2.049
31	26	9,798	4,801	0.49	1.891	9,514	4,662	0.49	1.990	9,372	4,592	0.49	2.049	9,088	4,453	0.49	2.108
32	18	8,343	8,426	1.01	1.576	7,988	8,067	1.01	1.655	7,668	7,745	1.01	1.734	7,384	7,458	1.01	1.812
32	20	8,698	7,741	0.89	1.655	8,343	7,425	0.89	1.753	8,094	7,204	0.89	1.793	7,810	6,951	0.89	1.872
32	22	9,053	6,970	0.77	1.714	8,733	6,724	0.77	1.822	8,520	6,560	0.77	1.872	8,165	6,287	0.77	1.950
32	24	9,514	6,184	0.65	1.793	9,159	5,953	0.65	1.891	8,946	5,815	0.65	1.950	8,662	5,630	0.65	2.049
32	26	9,798	5,193	0.53	1.891	9,514	5,042	0.53	1.990	9,372	4,967	0.53	2.049	9,088	4,817	0.53	2.108

**COOLING CAPACITY
PLA-SM71EA / SUZ-SM71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	3,966	0.57	1.931	6,390	3,642	0.57	2.049	5,893	3,359	0.57	2.128
21	20	7,313	3,291	0.45	2.009	6,816	3,067	0.45	2.108	6,319	2,844	0.45	2.226
22	18	6,958	4,244	0.61	1.931	6,390	3,898	0.61	2.049	5,893	3,595	0.61	2.128
22	20	7,313	3,583	0.49	2.009	6,816	3,340	0.49	2.108	6,319	3,096	0.49	2.226
22	22	7,739	2,863	0.37	2.088	7,242	2,680	0.37	2.206	6,745	2,496	0.37	2.285
23	18	6,958	4,523	0.65	1.931	6,390	4,154	0.65	2.049	5,893	3,830	0.65	2.128
23	20	7,313	3,876	0.53	2.009	6,816	3,612	0.53	2.108	6,319	3,349	0.53	2.226
23	22	7,739	3,173	0.41	2.088	7,242	2,969	0.41	2.206	6,745	2,765	0.41	2.285
24	18	6,958	4,801	0.69	1.931	6,390	4,409	0.69	2.049	5,893	4,066	0.69	2.128
24	20	7,313	4,168	0.57	2.009	6,816	3,885	0.57	2.108	6,319	3,602	0.57	2.226
24	22	7,739	3,483	0.45	2.088	7,242	3,259	0.45	2.206	6,745	3,035	0.45	2.285
24	24	8,165	2,694	0.33	2.167	7,668	2,530	0.33	2.266	7,242	2,390	0.33	2.364
25	20	7,313	4,461	0.61	2.009	6,816	4,158	0.61	2.108	6,319	3,855	0.61	2.226
25	22	7,739	3,792	0.49	2.088	7,242	3,549	0.49	2.206	6,745	3,305	0.49	2.285
25	24	8,165	3,021	0.37	2.167	7,668	2,837	0.37	2.266	7,242	2,680	0.37	2.364
26	18	6,958	5,358	0.77	1.931	6,390	4,920	0.77	2.049	5,893	4,538	0.77	2.128
26	20	7,313	4,753	0.65	2.009	6,816	4,430	0.65	2.108	6,319	4,107	0.65	2.226
26	22	7,739	4,102	0.53	2.088	7,242	3,838	0.53	2.206	6,745	3,575	0.53	2.285
26	24	8,165	3,348	0.41	2.167	7,668	3,144	0.41	2.266	7,242	2,969	0.41	2.364
26	26	8,591	2,491	0.29	2.246	8,094	2,347	0.29	2.344	7,597	2,203	0.29	2.443
27	18	6,958	5,636	0.81	1.931	6,390	5,176	0.81	2.049	5,893	4,773	0.81	2.128
27	20	7,313	5,046	0.69	2.009	6,816	4,703	0.69	2.108	6,319	4,360	0.69	2.226
27	22	7,739	4,411	0.57	2.088	7,242	4,128	0.57	2.206	6,745	3,845	0.57	2.285
27	24	8,165	3,674	0.45	2.167	7,668	3,451	0.45	2.266	7,242	3,259	0.45	2.364
27	26	8,591	2,835	0.33	2.246	8,094	2,671	0.33	2.344	7,597	2,507	0.33	2.443
28	18	6,958	5,914	0.85	1.931	6,390	5,432	0.85	2.049	5,893	5,009	0.85	2.128
28	20	7,313	5,338	0.73	2.009	6,816	4,976	0.73	2.108	6,319	4,613	0.73	2.226
28	22	7,739	4,721	0.61	2.088	7,242	4,418	0.61	2.206	6,745	4,114	0.61	2.285
28	24	8,165	4,001	0.49	2.167	7,668	3,757	0.49	2.266	7,242	3,549	0.49	2.364
28	26	8,591	3,179	0.37	2.246	8,094	2,995	0.37	2.344	7,597	2,811	0.37	2.443
29	18	6,958	6,193	0.89	1.931	6,390	5,687	0.89	2.049	5,893	5,245	0.89	2.128
29	20	7,313	5,631	0.77	2.009	6,816	5,248	0.77	2.108	6,319	4,866	0.77	2.226
29	22	7,739	5,030	0.65	2.088	7,242	4,707	0.65	2.206	6,745	4,384	0.65	2.285
29	24	8,165	4,327	0.53	2.167	7,668	4,064	0.53	2.266	7,242	3,838	0.53	2.364
29	26	8,591	3,522	0.41	2.246	8,094	3,319	0.41	2.344	7,597	3,115	0.41	2.443
30	18	6,958	6,471	0.93	1.931	6,390	5,943	0.93	2.049	5,893	5,480	0.93	2.128
30	20	7,313	5,924	0.81	2.009	6,816	5,521	0.81	2.108	6,319	5,118	0.81	2.226
30	22	7,739	5,340	0.69	2.088	7,242	4,997	0.69	2.206	6,745	4,654	0.69	2.285
30	24	8,165	4,654	0.57	2.167	7,668	4,371	0.57	2.266	7,242	4,128	0.57	2.364
30	26	8,591	3,866	0.45	2.246	8,094	3,642	0.45	2.344	7,597	3,419	0.45	2.443
31	18	6,958	6,749	0.97	1.931	6,390	6,198	0.97	2.049	5,893	5,716	0.97	2.128
31	20	7,313	6,216	0.85	2.009	6,816	5,794	0.85	2.108	6,319	5,371	0.85	2.226
31	22	7,739	5,649	0.73	2.088	7,242	5,287	0.73	2.206	6,745	4,924	0.73	2.285
31	24	8,165	4,981	0.61	2.167	7,668	4,677	0.61	2.266	7,242	4,418	0.61	2.364
31	26	8,591	4,210	0.49	2.246	8,094	3,966	0.49	2.344	7,597	3,723	0.49	2.443
32	18	6,958	7,028	1.01	1.931	6,390	6,454	1.01	2.049	5,893	5,952	1.01	2.128
32	20	7,313	6,509	0.89	2.009	6,816	6,066	0.89	2.108	6,319	5,624	0.89	2.226
32	22	7,739	5,959	0.77	2.088	7,242	5,576	0.77	2.206	6,745	5,194	0.77	2.285
32	24	8,165	5,307	0.65	2.167	7,668	4,984	0.65	2.266	7,242	4,707	0.65	2.364
32	26	8,591	4,553	0.53	2.246	8,094	4,290	0.53	2.344	7,597	4,026	0.53	2.443

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SM100EA / PUZ-SM100VKA PUZ-SM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,301	0.67	2.23	9,120	6,110	0.67	2.36	8,835	5,919	0.67	2.50
20	18	10,070	5,539	0.55	2.27	9,785	5,382	0.55	2.40	9,453	5,199	0.55	2.57
20	20	10,830	4,657	0.43	2.34	10,593	4,555	0.43	2.46	10,308	4,432	0.43	2.62
22	16	9,405	7,054	0.75	2.23	9,120	6,840	0.75	2.36	8,835	6,626	0.75	2.50
22	18	10,070	6,344	0.63	2.27	9,785	6,165	0.63	2.40	9,453	5,955	0.63	2.57
22	20	10,830	5,523	0.51	2.34	10,593	5,402	0.51	2.46	10,308	5,257	0.51	2.62
24	16	9,405	7,806	0.83	2.23	9,120	7,570	0.83	2.36	8,835	7,333	0.83	2.50
24	18	10,070	7,150	0.71	2.27	9,785	6,947	0.71	2.40	9,453	6,711	0.71	2.57
24	20	10,830	6,390	0.59	2.34	10,593	6,250	0.59	2.46	10,308	6,081	0.59	2.62
24	22	11,543	5,425	0.47	2.40	11,305	5,313	0.47	2.54	11,020	5,179	0.47	2.71
26	16	9,405	8,559	0.91	2.23	9,120	8,299	0.91	2.36	8,835	8,040	0.91	2.50
26	18	10,070	7,955	0.79	2.27	9,785	7,730	0.79	2.40	9,453	7,467	0.79	2.57
26	20	10,830	7,256	0.67	2.34	10,593	7,097	0.67	2.46	10,308	6,906	0.67	2.62
26	22	11,543	6,348	0.55	2.40	11,305	6,218	0.55	2.54	11,020	6,061	0.55	2.71
27	16	9,405	8,935	0.95	2.23	9,120	8,664	0.95	2.36	8,835	8,393	0.95	2.50
27	18	10,070	8,358	0.83	2.27	9,785	8,122	0.83	2.40	9,453	7,846	0.83	2.57
27	20	10,830	7,689	0.71	2.34	10,593	7,521	0.71	2.46	10,308	7,318	0.71	2.62
27	22	11,543	6,810	0.59	2.40	11,305	6,670	0.59	2.54	11,020	6,502	0.59	2.71
28	16	9,405	9,311	0.99	2.23	9,120	9,029	0.99	2.36	8,835	8,747	0.99	2.50
28	18	10,070	8,761	0.87	2.27	9,785	8,513	0.87	2.40	9,453	8,224	0.87	2.57
28	20	10,830	8,123	0.75	2.34	10,593	7,944	0.75	2.46	10,308	7,731	0.75	2.62
28	22	11,543	7,272	0.63	2.40	11,305	7,122	0.63	2.54	11,020	6,943	0.63	2.71
30	16	9,405	9,405	1.00	2.23	9,120	9,120	1.00	2.36	8,835	8,835	1.00	2.50
30	18	10,070	9,567	0.95	2.27	9,785	9,296	0.95	2.40	9,453	8,980	0.95	2.57
30	20	10,830	8,989	0.83	2.34	10,593	8,792	0.83	2.46	10,308	8,555	0.83	2.62
30	22	11,543	8,195	0.71	2.40	11,305	8,027	0.71	2.54	11,020	7,824	0.71	2.71
32	16	9,405	9,405	1.00	2.23	9,120	9,120	1.00	2.36	8,835	8,835	1.00	2.50
32	18	10,070	10,070	1.00	2.27	9,785	9,785	1.00	2.40	9,453	9,453	1.00	2.57
32	20	10,830	9,855	0.91	2.34	10,593	9,639	0.91	2.46	10,308	9,380	0.91	2.62
32	22	11,543	9,119	0.79	2.40	11,305	8,931	0.79	2.54	11,020	8,706	0.79	2.71
34	16	9,405	9,405	1.00	2.23	9,120	9,120	1.00	2.36	8,835	8,835	1.00	2.50
34	18	10,070	10,070	1.00	2.27	9,785	9,785	1.00	2.40	9,453	9,453	1.00	2.57
34	20	10,830	10,722	0.99	2.34	10,593	10,487	0.99	2.46	10,308	10,204	0.99	2.62
34	22	11,543	10,042	0.87	2.40	11,305	9,835	0.87	2.54	11,020	9,587	0.87	2.71

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,665	0.67	2.68	8,075	5,410	0.67	2.87	7,695	5,156	0.67	3.11
20	18	9,120	5,016	0.55	2.75	8,835	4,859	0.55	2.96	8,265	4,546	0.55	3.18
20	20	9,880	4,248	0.43	2.82	9,500	4,085	0.43	3.01	8,930	3,840	0.43	3.24
22	16	8,455	6,341	0.75	2.68	8,075	6,056	0.75	2.87	7,695	5,771	0.75	3.11
22	18	9,120	5,746	0.63	2.75	8,835	5,566	0.63	2.96	8,265	5,207	0.63	3.18
22	20	9,880	5,039	0.51	2.82	9,500	4,845	0.51	3.01	8,930	4,554	0.51	3.24
24	16	8,455	7,018	0.83	2.68	8,075	6,702	0.83	2.87	7,695	6,387	0.83	3.11
24	18	9,120	6,475	0.71	2.75	8,835	6,273	0.71	2.96	8,265	5,868	0.71	3.18
24	20	9,880	5,829	0.59	2.82	9,500	5,605	0.59	3.01	8,930	5,269	0.59	3.24
24	22	10,640	5,001	0.47	2.87	10,260	4,822	0.47	3.10	9,690	4,554	0.47	3.29
26	16	8,455	7,694	0.91	2.68	8,075	7,348	0.91	2.87	7,695	7,002	0.91	3.11
26	18	9,120	7,205	0.79	2.75	8,835	6,980	0.79	2.96	8,265	6,529	0.79	3.18
26	20	9,880	6,620	0.67	2.82	9,500	6,365	0.67	3.01	8,930	5,983	0.67	3.24
26	22	10,640	5,852	0.55	2.87	10,260	5,643	0.55	3.10	9,690	5,330	0.55	3.29
27	16	8,455	8,032	0.95	2.68	8,075	7,671	0.95	2.87	7,695	7,310	0.95	3.11
27	18	9,120	7,570	0.83	2.75	8,835	7,333	0.83	2.96	8,265	6,860	0.83	3.18
27	20	9,880	7,015	0.71	2.82	9,500	6,745	0.71	3.01	8,930	6,340	0.71	3.24
27	22	10,640	6,278	0.59	2.87	10,260	6,053	0.59	3.10	9,690	5,717	0.59	3.29
28	16	8,455	8,370	0.99	2.68	8,075	7,994	0.99	2.87	7,695	7,618	0.99	3.11
28	18	9,120	7,934	0.87	2.75	8,835	7,686	0.87	2.96	8,265	7,191	0.87	3.18
28	20	9,880	7,410	0.75	2.82	9,500	7,125	0.75	3.01	8,930	6,698	0.75	3.24
28	22	10,640	6,703	0.63	2.87	10,260	6,464	0.63	3.10	9,690	6,105	0.63	3.29
30	16	8,455	8,455	1.00	2.68	8,075	8,075	1.00	2.87	7,695	7,695	1.00	3.11
30	18	9,120	8,664	0.95	2.75	8,835	8,393	0.95	2.96	8,265	7,852	0.95	3.18
30	20	9,880	8,200	0.83	2.82	9,500	7,885	0.83	3.01	8,930	7,412	0.83	3.24
30	22	10,640	7,554	0.71	2.87	10,260	7,285	0.71	3.10	9,690	6,880	0.71	3.29
32	16	8,455	8,455	1.00	2.68	8,075	8,075	1.00	2.87	7,695	7,695	1.00	3.11
32	18	9,120	9,120	1.00	2.75	8,835	8,835	1.00	2.96	8,265	8,265	1.00	3.18
32	20	9,880	8,991	0.91	2.82	9,500	8,645	0.91	3.01	8,930	8,126	0.91	3.24
32	22	10,640	8,406	0.79	2.87	10,260	8,105	0.79	3.10	9,690	7,655	0.79	3.29
34	16	8,455	8,455	1.00	2.68	8,075	8,075	1.00	2.87	7,695	7,695	1.00	3.11
34	18	9,120	9,120	1.00	2.75	8,835	8,835	1.00	2.96	8,265	8,265	1.00	3.18
34	20	9,880	9,781	0.99	2.82	9,500	9,405	0.99	3.01	8,930	8,841	0.99	3.24
34	22	10,640	9,257	0.87	2.87	10,260	9,826	0.87	3.10	9,690	8,430	0.87	3.29

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

COOLING CAPACITY
PLA-SM125EA / PUZ-SM125VKA PUZ-SM125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,547	0.63	3.34	11,616	7,318	0.63	3.52	11,253	7,089	0.63	3.73
20	18	12,826	6,541	0.51	3.40	12,463	6,356	0.51	3.59	12,040	6,140	0.51	3.84
20	20	13,794	5,380	0.39	3.50	13,492	5,262	0.39	3.67	13,129	5,120	0.39	3.92
22	16	11,979	8,505	0.71	3.34	11,616	8,247	0.71	3.52	11,253	7,990	0.71	3.73
22	18	12,826	7,567	0.59	3.40	12,463	7,353	0.59	3.59	12,040	7,103	0.59	3.84
22	20	13,794	6,483	0.47	3.50	13,492	6,341	0.47	3.67	13,129	6,170	0.47	3.92
24	16	11,979	9,463	0.79	3.34	11,616	9,177	0.79	3.52	11,253	8,890	0.79	3.73
24	18	12,826	8,593	0.67	3.40	12,463	8,350	0.67	3.59	12,040	8,066	0.67	3.84
24	20	13,794	7,587	0.55	3.50	13,492	7,420	0.55	3.67	13,129	7,221	0.55	3.92
24	22	14,702	6,322	0.43	3.59	14,399	6,192	0.43	3.79	14,036	6,035	0.43	4.04
26	16	11,979	10,422	0.87	3.34	11,616	10,106	0.87	3.52	11,253	9,790	0.87	3.73
26	18	12,826	9,620	0.75	3.40	12,463	9,347	0.75	3.59	12,040	9,030	0.75	3.84
26	20	13,794	8,690	0.63	3.50	13,492	8,500	0.63	3.67	13,129	8,271	0.63	3.92
26	22	14,702	7,498	0.51	3.59	14,399	7,343	0.51	3.79	14,036	7,158	0.51	4.04
27	16	11,979	10,901	0.91	3.34	11,616	10,571	0.91	3.52	11,253	10,240	0.91	3.73
27	18	12,826	10,133	0.79	3.40	12,463	9,846	0.79	3.59	12,040	9,511	0.79	3.84
27	20	13,794	9,242	0.67	3.50	13,492	9,039	0.67	3.67	13,129	8,796	0.67	3.92
27	22	14,702	8,086	0.55	3.59	14,399	7,919	0.55	3.79	14,036	7,720	0.55	4.04
28	16	11,979	11,380	0.95	3.34	11,616	11,035	0.95	3.52	11,253	10,690	0.95	3.73
28	18	12,826	10,646	0.83	3.40	12,463	10,344	0.83	3.59	12,040	9,993	0.83	3.84
28	20	13,794	9,794	0.71	3.50	13,492	9,579	0.71	3.67	13,129	9,321	0.71	3.92
28	22	14,702	8,674	0.59	3.59	14,399	8,495	0.59	3.79	14,036	8,281	0.59	4.04
30	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
30	18	12,826	11,672	0.91	3.40	12,463	11,341	0.91	3.59	12,040	10,956	0.91	3.84
30	20	13,794	10,897	0.79	3.50	13,492	10,658	0.79	3.67	13,129	10,372	0.79	3.92
30	22	14,702	9,850	0.67	3.59	14,399	9,647	0.67	3.79	14,036	9,404	0.67	4.04
32	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
32	18	12,826	12,698	0.99	3.40	12,463	12,338	0.99	3.59	12,040	11,919	0.99	3.84
32	20	13,794	12,001	0.87	3.50	13,492	11,738	0.87	3.67	13,129	11,422	0.87	3.92
32	22	14,702	11,026	0.75	3.59	14,399	10,799	0.75	3.79	14,036	10,527	0.75	4.04
34	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
34	18	12,826	12,826	1.00	3.40	12,463	12,463	1.00	3.59	12,040	12,040	1.00	3.84
34	20	13,794	13,104	0.95	3.50	13,492	12,817	0.95	3.67	13,129	12,472	0.95	3.92
34	22	14,702	12,202	0.83	3.59	14,399	11,951	0.83	3.79	14,036	11,650	0.83	4.04

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,784	0.63	4.00	10,285	6,480	0.63	4.30	9,801	6,175	0.63	4.65
20	18	11,616	5,924	0.51	4.11	11,253	5,739	0.51	4.42	10,527	5,369	0.51	4.75
20	20	12,584	4,908	0.39	4.21	12,100	4,719	0.39	4.50	11,374	4,436	0.39	4.84
22	16	10,769	7,646	0.71	4.00	10,285	7,302	0.71	4.30	9,801	6,959	0.71	4.65
22	18	11,616	6,853	0.59	4.11	11,253	6,639	0.59	4.42	10,527	6,211	0.59	4.75
22	20	12,584	5,914	0.47	4.21	12,100	5,687	0.47	4.50	11,374	5,346	0.47	4.84
24	16	10,769	8,508	0.79	4.00	10,285	8,125	0.79	4.30	9,801	7,743	0.79	4.65
24	18	11,616	7,783	0.67	4.11	11,253	7,540	0.67	4.42	10,527	7,053	0.67	4.75
24	20	12,584	6,921	0.55	4.21	12,100	6,655	0.55	4.50	11,374	6,256	0.55	4.84
24	22	13,552	5,827	0.43	4.30	13,068	5,619	0.43	4.63	12,342	5,307	0.43	4.92
26	16	10,769	9,369	0.87	4.00	10,285	8,948	0.87	4.30	9,801	8,527	0.87	4.65
26	18	11,616	8,712	0.75	4.11	11,253	8,440	0.75	4.42	10,527	7,895	0.75	4.75
26	20	12,584	7,928	0.63	4.21	12,100	7,623	0.63	4.50	11,374	7,166	0.63	4.84
26	22	13,552	6,912	0.51	4.30	13,068	6,665	0.51	4.63	12,342	6,294	0.51	4.92
27	16	10,769	9,800	0.91	4.00	10,285	9,359	0.91	4.30	9,801	8,919	0.91	4.65
27	18	11,616	9,177	0.79	4.11	11,253	8,890	0.79	4.42	10,527	8,316	0.79	4.75
27	20	12,584	8,431	0.67	4.21	12,100	8,107	0.67	4.50	11,374	7,621	0.67	4.84
27	22	13,552	7,454	0.55	4.30	13,068	7,187	0.55	4.63	12,342	6,788	0.55	4.92
28	16	10,769	10,231	0.95	4.00	10,285	9,771	0.95	4.30	9,801	9,311	0.95	4.65
28	18	11,616	9,641	0.83	4.11	11,253	9,340	0.83	4.42	10,527	8,737	0.83	4.75
28	20	12,584	8,935	0.71	4.21	12,100	8,591	0.71	4.50	11,374	8,076	0.71	4.84
28	22	13,552	7,996	0.59	4.30	13,068	7,710	0.59	4.63	12,342	7,282	0.59	4.92
30	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
30	18	11,616	10,571	0.91	4.11	11,253	10,240	0.91	4.42	10,527	9,580	0.91	4.75
30	20	12,584	9,941	0.79	4.21	12,100	9,559	0.79	4.50	11,374	8,985	0.79	4.84
30	22	13,552	9,080	0.67	4.30	13,068	8,756	0.67	4.63	12,342	8,269	0.67	4.92
32	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
32	18	11,616	11,500	0.99	4.11	11,253	11,140	0.99	4.42	10,527	10,422	0.99	4.75
32	20	12,584	10,948	0.87	4.21	12,100	10,527	0.87	4.50	11,374	9,895	0.87	4.84
32	22	13,552	10,164	0.75	4.30	13,068	9,801	0.75	4.63	12,342	9,257	0.75	4.92
34	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
34	18	11,616	11,616	1.00	4.11	11,253	11,253	1.00	4.42	10,527	10,527	1.00	4.75
34	20	12,584	11,955	0.95	4.21	12,100	11,495	0.95	4.50	11,374	10,805	0.95	4.84
34	22	13,552	11,248	0.83	4.30	13,068	10,846	0.83	4.63	12,342	10,244	0.83	4.92

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

COOLING CAPACITY
PLA-SM140EA / PUZ-SM140VKA PUZ-SM140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	7,960	0.60	4.10	12,864	7,718	0.60	4.33	12,462	7,477	0.60	4.59
20	18	14,204	6,818	0.48	4.18	13,802	6,625	0.48	4.41	13,333	6,400	0.48	4.72
20	20	15,276	5,499	0.36	4.31	14,941	5,379	0.36	4.51	14,539	5,234	0.36	4.82
22	16	13,266	9,021	0.68	4.10	12,864	8,748	0.68	4.33	12,462	8,474	0.68	4.59
22	18	14,204	7,954	0.56	4.18	13,802	7,729	0.56	4.41	13,333	7,466	0.56	4.72
22	20	15,276	6,721	0.44	4.31	14,941	6,574	0.44	4.51	14,539	6,397	0.44	4.82
24	16	13,266	10,082	0.76	4.10	12,864	9,777	0.76	4.33	12,462	9,471	0.76	4.59
24	18	14,204	9,091	0.64	4.18	13,802	8,833	0.64	4.41	13,333	8,533	0.64	4.72
24	20	15,276	7,944	0.52	4.31	14,941	7,769	0.52	4.51	14,539	7,560	0.52	4.82
24	22	16,281	6,512	0.40	4.41	15,946	6,378	0.40	4.67	15,544	6,218	0.40	4.98
26	16	13,266	11,143	0.84	4.10	12,864	10,806	0.84	4.33	12,462	10,468	0.84	4.59
26	18	14,204	10,227	0.72	4.18	13,802	9,937	0.72	4.41	13,333	9,600	0.72	4.72
26	20	15,276	9,166	0.60	4.31	14,941	8,965	0.60	4.51	14,539	8,723	0.60	4.82
26	22	16,281	7,815	0.48	4.41	15,946	7,654	0.48	4.67	15,544	7,461	0.48	4.98
27	16	13,266	11,674	0.88	4.10	12,864	11,320	0.88	4.33	12,462	10,967	0.88	4.59
27	18	14,204	10,795	0.76	4.18	13,802	10,490	0.76	4.41	13,333	10,133	0.76	4.72
27	20	15,276	9,777	0.64	4.31	14,941	9,562	0.64	4.51	14,539	9,305	0.64	4.82
27	22	16,281	8,466	0.52	4.41	15,946	8,292	0.52	4.67	15,544	8,083	0.52	4.98
28	16	13,266	12,205	0.92	4.10	12,864	11,835	0.92	4.33	12,462	11,465	0.92	4.59
28	18	14,204	11,363	0.80	4.18	13,802	11,042	0.80	4.41	13,333	10,666	0.80	4.72
28	20	15,276	10,388	0.68	4.31	14,941	10,160	0.68	4.51	14,539	9,887	0.68	4.82
28	22	16,281	9,117	0.56	4.41	15,946	8,930	0.56	4.67	15,544	8,705	0.56	4.98
30	16	13,266	13,266	1.00	4.10	12,864	12,864	1.00	4.33	12,462	12,462	1.00	4.59
30	18	14,204	12,500	0.88	4.18	13,802	12,146	0.88	4.41	13,333	11,733	0.88	4.72
30	20	15,276	11,610	0.76	4.31	14,941	11,355	0.76	4.51	14,539	11,050	0.76	4.82
30	22	16,281	10,420	0.64	4.41	15,946	10,205	0.64	4.67	15,544	9,948	0.64	4.98
32	16	13,266	13,266	1.00	4.10	12,864	12,864	1.00	4.33	12,462	12,462	1.00	4.59
32	18	14,204	13,636	0.96	4.18	13,802	13,250	0.96	4.41	13,333	12,800	0.96	4.72
32	20	15,276	12,832	0.84	4.31	14,941	12,550	0.84	4.51	14,539	12,213	0.84	4.82
32	22	16,281	11,722	0.72	4.41	15,946	11,481	0.72	4.67	15,544	11,192	0.72	4.98
34	16	13,266	13,266	1.00	4.10	12,864	12,864	1.00	4.33	12,462	12,462	1.00	4.59
34	18	14,204	14,204	1.00	4.18	13,802	13,802	1.00	4.41	13,333	13,333	1.00	4.72
34	20	15,276	14,054	0.92	4.31	14,941	13,746	0.92	4.51	14,539	13,376	0.92	4.82
34	22	16,281	13,025	0.80	4.41	15,946	12,757	0.80	4.67	15,544	12,435	0.80	4.98

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,156	0.60	4.92	11,390	6,834	0.60	5.28	10,854	6,512	0.60	5.72
20	18	12,864	6,175	0.48	5.05	12,462	5,982	0.48	5.44	11,658	5,596	0.48	5.85
20	20	13,936	5,017	0.36	5.18	13,400	4,824	0.36	5.54	12,596	4,535	0.36	5.95
22	16	11,926	8,110	0.68	4.92	11,390	7,745	0.68	5.28	10,854	7,381	0.68	5.72
22	18	12,864	7,204	0.56	5.05	12,462	6,979	0.56	5.44	11,658	6,528	0.56	5.85
22	20	13,936	6,132	0.44	5.18	13,400	5,896	0.44	5.54	12,596	5,542	0.44	5.95
24	16	11,926	9,064	0.76	4.92	11,390	8,656	0.76	5.28	10,854	8,249	0.76	5.72
24	18	12,864	8,233	0.64	5.05	12,462	7,976	0.64	5.44	11,658	7,461	0.64	5.85
24	20	13,936	7,247	0.52	5.18	13,400	6,968	0.52	5.54	12,596	6,550	0.52	5.95
24	22	15,008	6,003	0.40	5.28	14,472	5,789	0.40	5.69	13,668	5,467	0.40	6.05
26	16	11,926	10,018	0.84	4.92	11,390	9,568	0.84	5.28	10,854	9,117	0.84	5.72
26	18	12,864	9,262	0.72	5.05	12,462	8,973	0.72	5.44	11,658	8,394	0.72	5.85
26	20	13,936	8,362	0.60	5.18	13,400	8,040	0.60	5.54	12,596	7,558	0.60	5.95
26	22	15,008	7,204	0.48	5.28	14,472	6,947	0.48	5.69	13,668	6,561	0.48	6.05
27	16	11,926	10,495	0.88	4.92	11,390	10,023	0.88	5.28	10,854	9,552	0.88	5.72
27	18	12,864	9,777	0.76	5.05	12,462	9,471	0.76	5.44	11,658	8,860	0.76	5.85
27	20	13,936	8,919	0.64	5.18	13,400	8,576	0.64	5.54	12,596	8,061	0.64	5.95
27	22	15,008	7,804	0.52	5.28	14,472	7,525	0.52	5.69	13,668	7,107	0.52	6.05
28	16	11,926	10,972	0.92	4.92	11,390	10,479	0.92	5.28	10,854	9,986	0.92	5.72
28	18	12,864	10,291	0.80	5.05	12,462	9,970	0.80	5.44	11,658	9,326	0.80	5.85
28	20	13,936	9,476	0.68	5.18	13,400	9,112	0.68	5.54	12,596	8,565	0.68	5.95
28	22	15,008	8,404	0.56	5.28	14,472	8,104	0.56	5.69	13,668	7,654	0.56	6.05
30	16	11,926	11,926	1.00	4.92	11,390	11,390	1.00	5.28	10,854	10,854	1.00	5.72
30	18	12,864	11,320	0.88	5.05	12,462	10,967	0.88	5.44	11,658	10,259	0.88	5.85
30	20	13,936	10,591	0.76	5.18	13,400	10,184	0.76	5.54	12,596	9,573	0.76	5.95
30	22	15,008	9,605	0.64	5.28	14,472	9,262	0.64	5.69	13,668	8,748	0.64	6.05
32	16	11,926	11,926	1.00	4.92	11,390	11,390	1.00	5.28	10,854	10,854	1.00	5.72
32	18	12,864	12,349	0.96	5.05	12,462	11,964	0.96	5.44	11,658	11,192	0.96	5.85
32	20	13,936	11,706	0.84	5.18	13,400	11,256	0.84	5.54	12,596	10,581	0.84	5.95
32	22	15,008	10,806	0.72	5.28	14,472	10,420	0.72	5.69	13,668	9,841	0.72	6.05
34	16	11,926	11,926	1.00	4.92	11,390	11,390	1.00	5.28	10,854	10,854	1.00	5.72
34	18	12,864	12,864	1.00	5.05	12,462	12,462	1.00	5.44	11,658	11,658	1.00	5.85
34	20	13,936	12,821	0.92	5.18	13,400	12,328	0.92	5.54	12,596	11,588	0.92	5.95
34	22	15,008	12,006	0.80	5.28	14,472	11,578	0.80	5.69	13,668	10,934	0.80	6.05

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

**HEATING CAPACITY
PLA-M·EA / SUZ-M·VA**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-M35EA	15	2,050	0.504	2,583	0.631	3,116	0.757	3,649	0.854	4,182	0.922	4,715	0.980	5,207	1.009	5,740	1.028
	21	1,927	0.537	2,460	0.679	2,952	0.805	3,485	0.892	3,977	0.960	4,510	1.009	5,002	1.038	5,515	1.077
	26	1,681	0.582	2,214	0.728	2,747	0.854	3,239	0.941	3,772	1.009	4,305	1.057	4,797	1.086	5,330	1.116
PLA-M50EA	15	3,000	0.900	3,780	1.125	4,560	1.349	5,340	1.522	6,120	1.644	6,900	1.747	7,620	1.799	8,400	1.834
	21	2,820	0.958	3,600	1.211	4,320	1.436	5,100	1.592	5,820	1.713	6,600	1.799	7,320	1.851	8,070	1.920
	26	2,460	1.038	3,240	1.298	4,020	1.522	4,740	1.678	5,520	1.799	6,300	1.886	7,020	1.938	7,800	1.990
PLA-M60EA	15	3,500	0.957	4,410	1.196	5,320	1.435	6,230	1.619	7,140	1.748	8,050	1.858	8,890	1.914	9,800	1.950
	21	3,290	1.019	4,200	1.288	5,040	1.527	5,950	1.693	6,790	1.822	7,700	1.914	8,540	1.969	9,415	2.042
	26	2,870	1.104	3,780	1.380	4,690	1.619	5,530	1.785	6,440	1.914	7,350	2.006	8,190	2.061	9,100	2.116
PLA-M71EA	15	4,000	1.149	5,040	1.437	6,080	1.724	7,120	1.945	8,160	2.100	9,200	2.232	10,160	2.298	11,200	2.343
	21	3,760	1.224	4,800	1.547	5,760	1.834	6,800	2.033	7,760	2.188	8,800	2.298	9,760	2.365	10,760	2.453
	26	3,280	1.326	4,320	1.658	5,360	1.945	6,320	2.144	7,360	2.298	8,400	2.409	9,360	2.475	10,400	2.542

Note: CA : Capacity (W) P.C. : Total power input (kW)

**HEATING CAPACITY
PLA-M·EA / PUZ-M·VKA PUZ-M·YKA**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-M100EA	15	7,112	1.78	7,728	1.96	8,624	2.26	11,312	2.71	12,768	3.01	14,224	3.25
	20	6,832	1.93	7,392	2.11	8,176	2.44	10,920	2.92	12,320	3.25	13,720	3.49
	25	6,608	2.05	7,168	2.29	7,840	2.65	10,304	3.10	11,872	3.48	13,216	3.75
PLA-M125EA	15	8,573	2.14	9,315	2.36	10,395	2.72	13,635	3.27	15,390	3.63	17,145	3.92
	20	8,235	2.32	8,910	2.54	9,855	2.94	13,163	3.52	14,850	3.92	16,538	4.21
	25	7,965	2.47	8,640	2.76	9,450	3.19	12,420	3.74	14,310	4.19	15,930	4.52
PLA-M140EA	15	9,525	2.59	10,350	2.85	11,550	3.29	15,150	3.95	17,100	4.39	19,050	4.74
	20	9,150	2.81	9,900	3.07	10,950	3.56	14,625	4.26	16,500	4.74	18,375	5.09
	25	8,850	2.99	9,600	3.34	10,500	3.86	13,800	4.52	15,900	5.07	17,700	5.47

**HEATING CAPACITY
PLA-SM·EA / SUZ-SM·VA**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-SM71EA	15	4,000	1.186	5,040	1.482	6,080	1.778	7,120	2.006	8,160	2.166	9,200	2.303	10,160	2.371	11,200	2.417
	21	3,760	1.263	4,800	1.596	5,760	1.892	6,800	2.098	7,760	2.257	8,800	2.371	9,760	2.440	10,760	2.531
	26	3,280	1.368	4,320	1.710	5,360	2.006	6,320	2.212	7,360	2.371	8,400	2.485	9,360	2.554	10,400	2.622

Note: CA : Capacity (W) P.C. : Total power input (kW)

**HEATING CAPACITY
PLA-SM·EA / PUZ-SM·VKA PUZ-SM·YKA**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-SM100EA	15	7,112	1.83	7,728	2.02	8,624	2.33	11,312	2.79	12,768	3.10	14,224	3.35
	20	6,832	1.98	7,392	2.17	8,176	2.51	10,920	3.01	12,320	3.35	13,720	3.60
	25	6,608	2.11	7,168	2.36	7,840	2.73	10,304	3.19	11,872	3.58	13,216	3.86
PLA-SM125EA	15	8,573	2.20	9,315	2.42	10,395	2.80	13,635	3.36	15,390	3.73	17,145	4.03
	20	8,235	2.39	8,910	2.61	9,855	3.02	13,163	3.62	14,850	4.03	16,538	4.33
	25	7,965	2.54	8,640	2.83	9,450	3.28	12,420	3.84	14,310	4.31	15,930	4.64
PLA-SM140EA	15	9,525	2.68	10,350	2.95	11,550	3.41	15,150	4.09	17,100	4.54	19,050	4.90
	20	9,150	2.91	9,900	3.18	10,950	3.68	14,625	4.40	16,500	4.90	18,375	5.27
	25	8,850	3.09	9,600	3.45	10,500	4.00	13,800	4.68	15,900	5.24	17,700	5.65

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.1.5.2 R410A type

COOLING CAPACITY

PLA-ZM100EA / PUZ-SHW112VHA(-BS) PUZ-SHW112YHA(-BS)

CEILING CASSETTE PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	6,435	0.65	2.286	9,600	6,240	0.65	2.414	9,300	6,045	0.65	2.557
20	18	10,600	5,618	0.53	2.328	10,300	5,459	0.53	2.457	9,950	5,274	0.53	2.628
20	20	11,400	4,674	0.41	2.400	11,150	4,572	0.41	2.514	10,850	4,449	0.41	2.686
22	16	9,900	7,227	0.73	2.286	9,600	7,008	0.73	2.414	9,300	6,789	0.73	2.557
22	18	10,600	6,466	0.61	2.328	10,300	6,283	0.61	2.457	9,950	6,070	0.61	2.628
22	20	11,400	5,586	0.49	2.400	11,150	5,464	0.49	2.514	10,850	5,317	0.49	2.686
24	16	9,900	8,019	0.81	2.286	9,600	7,776	0.81	2.414	9,300	7,533	0.81	2.557
24	18	10,600	7,314	0.69	2.328	10,300	7,107	0.69	2.457	9,950	6,866	0.69	2.628
24	20	11,400	6,498	0.57	2.400	11,150	6,356	0.57	2.514	10,850	6,185	0.57	2.686
24	22	12,150	5,468	0.45	2.457	11,900	5,355	0.45	2.600	11,600	5,220	0.45	2.771
26	16	9,900	8,811	0.89	2.286	9,600	8,544	0.89	2.414	9,300	8,277	0.89	2.557
26	18	10,600	8,162	0.77	2.328	10,300	7,931	0.77	2.457	9,950	7,662	0.77	2.628
26	20	11,400	7,410	0.65	2.400	11,150	7,248	0.65	2.514	10,850	7,053	0.65	2.686
26	22	12,150	6,440	0.53	2.457	11,900	6,307	0.53	2.600	11,600	6,148	0.53	2.771
27	16	9,900	9,207	0.93	2.286	9,600	8,928	0.93	2.414	9,300	8,649	0.93	2.557
27	18	10,600	8,586	0.81	2.328	10,300	8,343	0.81	2.457	9,950	8,060	0.81	2.628
27	20	11,400	7,866	0.69	2.400	11,150	7,694	0.69	2.514	10,850	7,487	0.69	2.686
27	22	12,150	6,926	0.57	2.457	11,900	6,783	0.57	2.600	11,600	6,612	0.57	2.771
28	16	9,900	9,603	0.97	2.286	9,600	9,312	0.97	2.414	9,300	9,021	0.97	2.557
28	18	10,600	9,010	0.85	2.328	10,300	8,755	0.85	2.457	9,950	8,458	0.85	2.628
28	20	11,400	8,322	0.73	2.400	11,150	8,140	0.73	2.514	10,850	7,921	0.73	2.686
28	22	12,150	7,412	0.61	2.457	11,900	7,259	0.61	2.600	11,600	7,076	0.61	2.771
30	16	9,900	9,900	1.00	2.286	9,600	9,600	1.00	2.414	9,300	9,300	1.00	2.557
30	18	10,600	9,858	0.93	2.328	10,300	9,579	0.93	2.457	9,950	9,254	0.93	2.628
30	20	11,400	9,234	0.81	2.400	11,150	9,032	0.81	2.514	10,850	8,789	0.81	2.686
30	22	12,150	8,384	0.69	2.457	11,900	8,211	0.69	2.600	11,600	8,004	0.69	2.771
32	16	9,900	9,900	1.00	2.286	9,600	9,600	1.00	2.414	9,300	9,300	1.00	2.557
32	18	10,600	10,600	1.00	2.328	10,300	10,300	1.00	2.457	9,950	9,950	1.00	2.628
32	20	11,400	10,146	0.89	2.400	11,150	9,924	0.89	2.514	10,850	9,657	0.89	2.686
32	22	12,150	9,356	0.77	2.457	11,900	9,163	0.77	2.600	11,600	8,932	0.77	2.771
34	16	9,900	9,900	1.00	2.286	9,600	9,600	1.00	2.414	9,300	9,300	1.00	2.557
34	18	10,600	10,600	1.00	2.328	10,300	10,300	1.00	2.457	9,950	9,950	1.00	2.628
34	20	11,400	11,058	0.97	2.400	11,150	10,816	0.97	2.514	10,850	10,525	0.97	2.686
34	22	12,150	10,328	0.85	2.457	11,900	10,115	0.85	2.600	11,600	9,860	0.85	2.771

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	5,785	0.65	2.743	8,500	5,525	0.65	2.943	8,100	5,265	0.65	3.186
20	18	9,600	5,088	0.53	2.814	9,300	4,929	0.53	3.028	8,700	4,611	0.53	3.257
20	20	10,400	4,264	0.41	2.886	10,000	4,100	0.41	3.086	9,400	3,854	0.41	3.314
22	16	8,900	6,497	0.73	2.743	8,500	6,205	0.73	2.943	8,100	5,913	0.73	3.186
22	18	9,600	5,856	0.61	2.814	9,300	5,673	0.61	3.028	8,700	5,307	0.61	3.257
22	20	10,400	5,096	0.49	2.886	10,000	4,900	0.49	3.086	9,400	4,606	0.49	3.314
24	16	8,900	7,209	0.81	2.743	8,500	6,885	0.81	2.943	8,100	6,561	0.81	3.186
24	18	9,600	6,624	0.69	2.814	9,300	6,417	0.69	3.028	8,700	6,003	0.69	3.257
24	20	10,400	5,928	0.57	2.886	10,000	5,700	0.57	3.086	9,400	5,358	0.57	3.314
24	22	11,200	5,040	0.45	2.943	10,800	4,860	0.45	3.171	10,200	4,590	0.45	3.371
26	16	8,900	7,921	0.89	2.743	8,500	7,565	0.89	2.943	8,100	7,209	0.89	3.186
26	18	9,600	7,392	0.77	2.814	9,300	7,161	0.77	3.028	8,700	6,699	0.77	3.257
26	20	10,400	6,760	0.65	2.886	10,000	6,500	0.65	3.086	9,400	6,110	0.65	3.314
26	22	11,200	5,936	0.53	2.943	10,800	5,724	0.53	3.171	10,200	5,406	0.53	3.371
27	16	8,900	8,277	0.93	2.743	8,500	7,905	0.93	2.943	8,100	7,533	0.93	3.186
27	18	9,600	7,776	0.81	2.814	9,300	7,533	0.81	3.028	8,700	7,047	0.81	3.257
27	20	10,400	7,176	0.69	2.886	10,000	6,900	0.69	3.086	9,400	6,486	0.69	3.314
27	22	11,200	6,384	0.57	2.943	10,800	6,156	0.57	3.171	10,200	5,814	0.57	3.371
28	16	8,900	8,633	0.97	2.743	8,500	8,245	0.97	2.943	8,100	7,857	0.97	3.186
28	18	9,600	8,160	0.85	2.814	9,300	7,905	0.85	3.028	8,700	7,395	0.85	3.257
28	20	10,400	7,592	0.73	2.886	10,000	7,300	0.73	3.086	9,400	6,862	0.73	3.314
28	22	11,200	6,832	0.61	2.943	10,800	6,588	0.61	3.171	10,200	6,222	0.61	3.371
30	16	8,900	8,900	1.00	2.743	8,500	8,500	1.00	2.943	8,100	8,100	1.00	3.186
30	18	9,600	8,928	0.93	2.814	9,300	8,649	0.93	3.028	8,700	8,091	0.93	3.257
30	20	10,400	8,424	0.81	2.886	10,000	8,100	0.81	3.086	9,400	7,614	0.81	3.314
30	22	11,200	7,728	0.69	2.943	10,800	7,452	0.69	3.171	10,200	7,038	0.69	3.371
32	16	8,900	8,900	1.00	2.743	8,500	8,500	1.00	2.943	8,100	8,100	1.00	3.186
32	18	9,600	9,600	1.00	2.814	9,300	9,300	1.00	3.028	8,700	8,700	1.00	3.257
32	20	10,400	9,256	0.89	2.886	10,000	8,900	0.89	3.086	9,400	8,366	0.89	3.314
32	22	11,200	8,624	0.77	2.943	10,800	8,316	0.77	3.171	10,200	7,854	0.77	3.371
34	16	8,900	8,900	1.00	2.743	8,500	8,500	1.00	2.943	8,100	8,100	1.00	3.186
34	18	9,600	9,600	1.00	2.814	9,300	9,300	1.00	3.028	8,700	8,700	1.00	3.257
34	20	10,400	10,088	0.97	2.886	10,000	9,700	0.97	3.086	9,400	9,118	0.97	3.314
34	22	11,200	9,520	0.85	2.943	10,800	9,180	0.85	3.171	10,200	8,670	0.85	3.371

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZM125EA / PUHZ-SHW140YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	4,599	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	5,714	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	6,829	0.49	4.40	13,563	6,646	0.49	4.70
24	22	15,188	5,619	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	7,944	0.57	4.40	13,563	7,731	0.57	4.70
26	22	15,188	6,834	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	9,079	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	9,059	0.65	4.40	13,563	8,816	0.65	4.70
28	22	15,188	8,049	0.53	4.30	14,875	7,884	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	10,174	0.73	4.40	13,563	9,901	0.73	4.70
30	22	15,188	9,264	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	11,289	0.81	4.40	13,563	10,986	0.81	4.70
32	22	15,188	10,479	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	12,404	0.89	4.40	13,563	12,071	0.89	4.70
34	22	15,188	11,694	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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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 (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M100EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	6,831	0.69	2.352	9,600	6,624	0.69	2.484	9,300	6,417	0.69	2.631
20	18	10,600	6,042	0.57	2.396	10,300	5,871	0.57	2.528	9,950	5,672	0.57	2.705
20	20	11,400	5,130	0.45	2.470	11,150	5,018	0.45	2.587	10,850	4,883	0.45	2.764
22	16	9,900	7,623	0.77	2.352	9,600	7,392	0.77	2.484	9,300	7,161	0.77	2.631
22	18	10,600	6,890	0.65	2.396	10,300	6,695	0.65	2.528	9,950	6,468	0.65	2.705
22	20	11,400	6,042	0.53	2.470	11,150	5,910	0.53	2.587	10,850	5,751	0.53	2.764
24	16	9,900	8,415	0.85	2.352	9,600	8,160	0.85	2.484	9,300	7,905	0.85	2.631
24	18	10,600	7,738	0.73	2.396	10,300	7,519	0.73	2.528	9,950	7,264	0.73	2.705
24	20	11,400	6,954	0.61	2.470	11,150	6,802	0.61	2.587	10,850	6,619	0.61	2.764
24	22	12,150	5,954	0.49	2.528	11,900	5,831	0.49	2.675	11,600	5,684	0.49	2.852
26	16	9,900	9,207	0.93	2.352	9,600	8,928	0.93	2.484	9,300	8,649	0.93	2.631
26	18	10,600	8,586	0.81	2.396	10,300	8,343	0.81	2.528	9,950	8,060	0.81	2.705
26	20	11,400	7,866	0.69	2.470	11,150	7,694	0.69	2.587	10,850	7,487	0.69	2.764
26	22	12,150	6,926	0.57	2.528	11,900	6,783	0.57	2.675	11,600	6,612	0.57	2.852
27	16	9,900	9,603	0.97	2.352	9,600	9,312	0.97	2.484	9,300	9,021	0.97	2.631
27	18	10,600	9,010	0.85	2.396	10,300	8,755	0.85	2.528	9,950	8,458	0.85	2.705
27	20	11,400	8,322	0.73	2.470	11,150	8,140	0.73	2.587	10,850	7,921	0.73	2.764
27	22	12,150	7,412	0.61	2.528	11,900	7,259	0.61	2.675	11,600	7,076	0.61	2.852
28	16	9,900	9,900	1.00	2.352	9,600	9,600	1.00	2.484	9,300	9,300	1.00	2.631
28	18	10,600	9,434	0.89	2.396	10,300	9,167	0.89	2.528	9,950	8,856	0.89	2.705
28	20	11,400	8,778	0.77	2.470	11,150	8,586	0.77	2.587	10,850	8,355	0.77	2.764
28	22	12,150	7,898	0.65	2.528	11,900	7,735	0.65	2.675	11,600	7,540	0.65	2.852
30	16	9,900	9,900	1.00	2.352	9,600	9,600	1.00	2.484	9,300	9,300	1.00	2.631
30	18	10,600	10,282	0.97	2.396	10,300	9,991	0.97	2.528	9,950	9,652	0.97	2.705
30	20	11,400	9,690	0.85	2.470	11,150	9,478	0.85	2.587	10,850	9,223	0.85	2.764
30	22	12,150	8,870	0.73	2.528	11,900	8,687	0.73	2.675	11,600	8,468	0.73	2.852
32	16	9,900	9,900	1.00	2.352	9,600	9,600	1.00	2.484	9,300	9,300	1.00	2.631
32	18	10,600	10,600	1.00	2.396	10,300	10,300	1.00	2.528	9,950	9,950	1.00	2.705
32	20	11,400	10,602	0.93	2.470	11,150	10,370	0.93	2.587	10,850	10,091	0.93	2.764
32	22	12,150	9,842	0.81	2.528	11,900	9,639	0.81	2.675	11,600	9,396	0.81	2.852
34	16	9,900	9,900	1.00	2.352	9,600	9,600	1.00	2.484	9,300	9,300	1.00	2.631
34	18	10,600	10,600	1.00	2.396	10,300	10,300	1.00	2.528	9,950	9,950	1.00	2.705
34	20	11,400	11,400	1.00	2.470	11,150	11,150	1.00	2.587	10,850	10,850	1.00	2.764
34	22	12,150	10,814	0.89	2.528	11,900	10,591	0.89	2.675	11,600	10,324	0.89	2.852

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	6,141	0.69	2.822	8,500	5,865	0.69	3.028	8,100	5,589	0.69	3.278
20	18	9,600	5,472	0.57	2.896	9,300	5,301	0.57	3.116	8,700	4,959	0.57	3.352
20	20	10,400	4,680	0.45	2.969	10,000	4,500	0.45	3.175	9,400	4,230	0.45	3.410
22	16	8,900	6,853	0.77	2.822	8,500	6,545	0.77	3.028	8,100	6,237	0.77	3.278
22	18	9,600	6,240	0.65	2.896	9,300	6,045	0.65	3.116	8,700	5,655	0.65	3.352
22	20	10,400	5,512	0.53	2.969	10,000	5,300	0.53	3.175	9,400	4,982	0.53	3.410
24	16	8,900	7,565	0.85	2.822	8,500	7,225	0.85	3.028	8,100	6,885	0.85	3.278
24	18	9,600	7,008	0.73	2.896	9,300	6,789	0.73	3.116	8,700	6,351	0.73	3.352
24	20	10,400	6,344	0.61	2.969	10,000	6,100	0.61	3.175	9,400	5,734	0.61	3.410
24	22	11,200	5,488	0.49	3.028	10,800	5,292	0.49	3.263	10,200	4,998	0.49	3.469
26	16	8,900	8,277	0.93	2.822	8,500	7,905	0.93	3.028	8,100	7,533	0.93	3.278
26	18	9,600	7,776	0.81	2.896	9,300	7,533	0.81	3.116	8,700	7,047	0.81	3.352
26	20	10,400	7,176	0.69	2.969	10,000	6,900	0.69	3.175	9,400	6,486	0.69	3.410
26	22	11,200	6,384	0.57	3.028	10,800	6,156	0.57	3.263	10,200	5,814	0.57	3.469
27	16	8,900	8,633	0.97	2.822	8,500	8,245	0.97	3.028	8,100	7,857	0.97	3.278
27	18	9,600	8,160	0.85	2.896	9,300	7,905	0.85	3.116	8,700	7,395	0.85	3.352
27	20	10,400	7,592	0.73	2.969	10,000	7,300	0.73	3.175	9,400	6,862	0.73	3.410
27	22	11,200	6,832	0.61	3.028	10,800	6,588	0.61	3.263	10,200	6,222	0.61	3.469
28	16	8,900	8,900	1.00	2.822	8,500	8,500	1.00	3.028	8,100	8,100	1.00	3.278
28	18	9,600	8,544	0.89	2.896	9,300	8,277	0.89	3.116	8,700	7,743	0.89	3.352
28	20	10,400	8,008	0.77	2.969	10,000	7,700	0.77	3.175	9,400	7,238	0.77	3.410
28	22	11,200	7,280	0.65	3.028	10,800	7,020	0.65	3.263	10,200	6,630	0.65	3.469
30	16	8,900	8,900	1.00	2.822	8,500	8,500	1.00	3.028	8,100	8,100	1.00	3.278
30	18	9,600	9,312	0.97	2.896	9,300	9,021	0.97	3.116	8,700	8,439	0.97	3.352
30	20	10,400	8,840	0.85	2.969	10,000	8,500	0.85	3.175	9,400	7,990	0.85	3.410
30	22	11,200	8,176	0.73	3.028	10,800	7,884	0.73	3.263	10,200	7,446	0.73	3.469
32	16	8,900	8,900	1.00	2.822	8,500	8,500	1.00	3.028	8,100	8,100	1.00	3.278
32	18	9,600	9,600	1.00	2.896	9,300	9,300	1.00	3.116	8,700	8,700	1.00	3.352
32	20	10,400	9,672	0.93	2.969	10,000	9,300	0.93	3.175	9,400	8,742	0.93	3.410
32	22	11,200	9,072	0.81	3.028	10,800	8,748	0.81	3.263	10,200	8,262	0.81	3.469
34	16	8,900	8,900	1.00	2.822	8,500	8,500	1.00	3.028	8,100	8,100	1.00	3.278
34	18	9,600	9,600	1.00	2.896	9,300	9,300	1.00	3.116	8,700	8,700	1.00	3.352
34	20	10,400	10,400	1.00	2.969	10,000	10,000	1.00	3.175	9,400	9,400	1.00	3.410
34	22	11,200	9,968	0.89	3.028	10,800	9,612	0.89	3.263	10,200	9,078	0.89	3.469

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M125EA / PUHZ-SHW140YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	8,415	0.68	4.000	12,000	8,160	0.68	4.225	11,625	7,905	0.68	4.475
20	18	13,250	7,420	0.56	4.075	12,875	7,210	0.56	4.300	12,438	6,965	0.56	4.600
20	20	14,250	6,270	0.44	4.200	13,938	6,133	0.44	4.400	13,563	5,968	0.44	4.700
22	16	12,375	9,405	0.76	4.000	12,000	9,120	0.76	4.225	11,625	8,835	0.76	4.475
22	18	13,250	8,480	0.64	4.075	12,875	8,240	0.64	4.300	12,438	7,960	0.64	4.600
22	20	14,250	7,410	0.52	4.200	13,938	7,248	0.52	4.400	13,563	7,053	0.52	4.700
24	16	12,375	10,395	0.84	4.000	12,000	10,080	0.84	4.225	11,625	9,765	0.84	4.475
24	18	13,250	9,540	0.72	4.075	12,875	9,270	0.72	4.300	12,438	8,955	0.72	4.600
24	20	14,250	8,550	0.60	4.200	13,938	8,363	0.60	4.400	13,563	8,138	0.60	4.700
24	22	15,188	7,290	0.48	4.300	14,875	7,140	0.48	4.550	14,500	6,960	0.48	4.850
26	16	12,375	11,385	0.92	4.000	12,000	11,040	0.92	4.225	11,625	10,695	0.92	4.475
26	18	13,250	10,600	0.80	4.075	12,875	10,300	0.80	4.300	12,438	9,950	0.80	4.600
26	20	14,250	9,690	0.68	4.200	13,938	9,478	0.68	4.400	13,563	9,223	0.68	4.700
26	22	15,188	8,505	0.56	4.300	14,875	8,330	0.56	4.550	14,500	8,120	0.56	4.850
27	16	12,375	11,880	0.96	4.000	12,000	11,520	0.96	4.225	11,625	11,160	0.96	4.475
27	18	13,250	11,130	0.84	4.075	12,875	10,815	0.84	4.300	12,438	10,448	0.84	4.600
27	20	14,250	10,260	0.72	4.200	13,938	10,035	0.72	4.400	13,563	9,765	0.72	4.700
27	22	15,188	9,113	0.60	4.300	14,875	8,925	0.60	4.550	14,500	8,700	0.60	4.850
28	16	12,375	12,375	1.00	4.000	12,000	12,000	1.00	4.225	11,625	11,625	1.00	4.475
28	18	13,250	11,660	0.88	4.075	12,875	11,330	0.88	4.300	12,438	10,945	0.88	4.600
28	20	14,250	10,830	0.76	4.200	13,938	10,593	0.76	4.400	13,563	10,308	0.76	4.700
28	22	15,188	9,720	0.64	4.300	14,875	9,520	0.64	4.550	14,500	9,280	0.64	4.850
30	16	12,375	12,375	1.00	4.000	12,000	12,000	1.00	4.225	11,625	11,625	1.00	4.475
30	18	13,250	12,720	0.96	4.075	12,875	12,360	0.96	4.300	12,438	11,940	0.96	4.600
30	20	14,250	11,970	0.84	4.200	13,938	11,708	0.84	4.400	13,563	11,393	0.84	4.700
30	22	15,188	10,935	0.72	4.300	14,875	10,710	0.72	4.550	14,500	10,440	0.72	4.850
32	16	12,375	12,375	1.00	4.000	12,000	12,000	1.00	4.225	11,625	11,625	1.00	4.475
32	18	13,250	13,250	1.00	4.075	12,875	12,875	1.00	4.300	12,438	12,438	1.00	4.600
32	20	14,250	13,110	0.92	4.200	13,938	12,823	0.92	4.400	13,563	12,478	0.92	4.700
32	22	15,188	12,150	0.80	4.300	14,875	11,900	0.80	4.550	14,500	11,600	0.80	4.850
34	16	12,375	12,375	1.00	4.000	12,000	12,000	1.00	4.225	11,625	11,625	1.00	4.475
34	18	13,250	13,250	1.00	4.075	12,875	12,875	1.00	4.300	12,438	12,438	1.00	4.600
34	20	14,250	14,250	1.00	4.200	13,938	13,938	1.00	4.400	13,563	13,563	1.00	4.700
34	22	15,188	13,365	0.88	4.300	14,875	13,090	0.88	4.550	14,500	12,760	0.88	4.850

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	7,565	0.68	4.800	10,625	7,225	0.68	5.150	10,125	6,885	0.68	5.575
20	18	12,000	6,720	0.56	4.925	11,625	6,510	0.56	5.300	10,875	6,090	0.56	5.700
20	20	13,000	5,720	0.44	5.050	12,500	5,500	0.44	5.400	11,750	5,170	0.44	5.800
22	16	11,125	8,455	0.76	4.800	10,625	8,075	0.76	5.150	10,125	7,695	0.76	5.575
22	18	12,000	7,680	0.64	4.925	11,625	7,440	0.64	5.300	10,875	6,960	0.64	5.700
22	20	13,000	6,760	0.52	5.050	12,500	6,500	0.52	5.400	11,750	6,110	0.52	5.800
24	16	11,125	9,345	0.84	4.800	10,625	8,925	0.84	5.150	10,125	8,505	0.84	5.575
24	18	12,000	8,640	0.72	4.925	11,625	8,370	0.72	5.300	10,875	7,830	0.72	5.700
24	20	13,000	7,800	0.60	5.050	12,500	7,500	0.60	5.400	11,750	7,050	0.60	5.800
24	22	14,000	6,720	0.48	5.150	13,500	6,480	0.48	5.550	12,750	6,120	0.48	5.900
26	16	11,125	10,235	0.92	4.800	10,625	9,775	0.92	5.150	10,125	9,315	0.92	5.575
26	18	12,000	9,600	0.80	4.925	11,625	9,300	0.80	5.300	10,875	8,700	0.80	5.700
26	20	13,000	8,840	0.68	5.050	12,500	8,500	0.68	5.400	11,750	7,990	0.68	5.800
26	22	14,000	7,840	0.56	5.150	13,500	7,560	0.56	5.550	12,750	7,140	0.56	5.900
27	16	11,125	10,680	0.96	4.800	10,625	10,200	0.96	5.150	10,125	9,720	0.96	5.575
27	18	12,000	10,080	0.84	4.925	11,625	9,765	0.84	5.300	10,875	9,135	0.84	5.700
27	20	13,000	9,360	0.72	5.050	12,500	9,000	0.72	5.400	11,750	8,460	0.72	5.800
27	22	14,000	8,400	0.60	5.150	13,500	8,100	0.60	5.550	12,750	7,650	0.60	5.900
28	16	11,125	11,125	1.00	4.800	10,625	10,625	1.00	5.150	10,125	10,125	1.00	5.575
28	18	12,000	10,560	0.88	4.925	11,625	10,230	0.88	5.300	10,875	9,570	0.88	5.700
28	20	13,000	9,880	0.76	5.050	12,500	9,500	0.76	5.400	11,750	8,930	0.76	5.800
28	22	14,000	8,960	0.64	5.150	13,500	8,640	0.64	5.550	12,750	8,160	0.64	5.900
30	16	11,125	11,125	1.00	4.800	10,625	10,625	1.00	5.150	10,125	10,125	1.00	5.575
30	18	12,000	11,520	0.96	4.925	11,625	11,160	0.96	5.300	10,875	10,440	0.96	5.700
30	20	13,000	10,920	0.84	5.050	12,500	10,500	0.84	5.400	11,750	9,870	0.84	5.800
30	22	14,000	10,080	0.72	5.150	13,500	9,720	0.72	5.550	12,750	9,180	0.72	5.900
32	16	11,125	11,125	1.00	4.800	10,625	10,625	1.00	5.150	10,125	10,125	1.00	5.575
32	18	12,000	12,000	1.00	4.925	11,625	11,625	1.00	5.300	10,875	10,875	1.00	5.700
32	20	13,000	11,960	0.92	5.050	12,500	11,500	0.92	5.400	11,750	10,810	0.92	5.800
32	22	14,000	11,200	0.80	5.150	13,500	10,800	0.80	5.550	12,750	10,200	0.80	5.900
34	16	11,125	11,125	1.00	4.800	10,625	10,625	1.00	5.150	10,125	10,125	1.00	5.575
34	18	12,000	12,000	1.00	4.925	11,625	11,625	1.00	5.300	10,875	10,875	1.00	5.700
34	20	13,000	13,000	1.00	5.050	12,500	12,500	1.00	5.400	11,750	11,750	1.00	5.800
34	22	14,000	12,320	0.88	5.150	13,500	11,880	0.88	5.550	12,750	11,220	0.88	5.900

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-ZM35EA / PUHZ-ZRP35VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,922	0.82	0.62	3,456	2,834	0.82	0.66	3,348	2,745	0.82	0.70
20	18	3,816	2,671	0.70	0.64	3,708	2,596	0.70	0.67	3,582	2,507	0.70	0.72
20	20	4,104	2,380	0.58	0.66	4,014	2,328	0.58	0.69	3,906	2,265	0.58	0.73
22	16	3,564	3,208	0.90	0.62	3,456	3,110	0.90	0.66	3,348	3,013	0.90	0.70
22	18	3,816	2,976	0.78	0.64	3,708	2,892	0.78	0.67	3,582	2,794	0.78	0.72
22	20	4,104	2,709	0.66	0.66	4,014	2,649	0.66	0.69	3,906	2,578	0.66	0.73
24	16	3,564	3,493	0.98	0.62	3,456	3,387	0.98	0.66	3,348	3,281	0.98	0.70
24	18	3,816	3,282	0.86	0.64	3,708	3,189	0.86	0.67	3,582	3,081	0.86	0.72
24	20	4,104	3,037	0.74	0.66	4,014	2,970	0.74	0.69	3,906	2,890	0.74	0.73
24	22	4,374	2,712	0.62	0.67	4,284	2,656	0.62	0.71	4,176	2,589	0.62	0.76
26	16	3,564	3,564	1.00	0.62	3,456	3,456	1.00	0.66	3,348	3,348	1.00	0.70
26	18	3,816	3,587	0.94	0.64	3,708	3,486	0.94	0.67	3,582	3,367	0.94	0.72
26	20	4,104	3,365	0.82	0.66	4,014	3,291	0.82	0.69	3,906	3,203	0.82	0.73
26	22	4,374	3,062	0.70	0.67	4,284	2,999	0.70	0.71	4,176	2,923	0.70	0.76
27	16	3,564	3,564	1.00	0.62	3,456	3,456	1.00	0.66	3,348	3,348	1.00	0.70
27	18	3,816	3,740	0.98	0.64	3,708	3,634	0.98	0.67	3,582	3,510	0.98	0.72
27	20	4,104	3,529	0.86	0.66	4,014	3,452	0.86	0.69	3,906	3,359	0.86	0.73
27	22	4,374	3,237	0.74	0.67	4,284	3,170	0.74	0.71	4,176	3,090	0.74	0.76
28	16	3,564	3,564	1.00	0.62	3,456	3,456	1.00	0.66	3,348	3,348	1.00	0.70
28	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.67	3,582	3,582	1.00	0.72
28	20	4,104	3,694	0.90	0.66	4,014	3,613	0.90	0.69	3,906	3,515	0.90	0.73
28	22	4,374	3,412	0.78	0.67	4,284	3,342	0.78	0.71	4,176	3,257	0.78	0.76
30	16	3,564	3,564	1.00	0.62	3,456	3,456	1.00	0.66	3,348	3,348	1.00	0.70
30	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.67	3,582	3,582	1.00	0.72
30	20	4,104	4,022	0.98	0.66	4,014	3,934	0.98	0.69	3,906	3,828	0.98	0.73
30	22	4,374	3,762	0.86	0.67	4,284	3,684	0.86	0.71	4,176	3,591	0.86	0.76
32	16	3,564	3,564	1.00	0.62	3,456	3,456	1.00	0.66	3,348	3,348	1.00	0.70
32	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.67	3,582	3,582	1.00	0.72
32	20	4,104	4,104	1.00	0.66	4,014	4,014	1.00	0.69	3,906	3,906	1.00	0.73
32	22	4,374	4,112	0.94	0.67	4,284	4,027	0.94	0.71	4,176	3,925	0.94	0.76
34	16	3,564	3,564	1.00	0.62	3,456	3,456	1.00	0.66	3,348	3,348	1.00	0.70
34	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.67	3,582	3,582	1.00	0.72
34	20	4,104	4,104	1.00	0.66	4,014	4,014	1.00	0.69	3,906	3,906	1.00	0.73
34	22	4,374	4,374	1.00	0.67	4,284	4,284	1.00	0.71	4,176	4,176	1.00	0.76

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,627	0.82	0.75	3,060	2,509	0.82	0.80	2,916	2,391	0.82	0.87
20	18	3,456	2,419	0.70	0.77	3,348	2,344	0.70	0.83	3,132	2,192	0.70	0.89
20	20	3,744	2,172	0.58	0.79	3,600	2,088	0.58	0.84	3,384	1,963	0.58	0.90
22	16	3,204	2,884	0.90	0.75	3,060	2,754	0.90	0.80	2,916	2,624	0.90	0.87
22	18	3,456	2,696	0.78	0.77	3,348	2,611	0.78	0.83	3,132	2,443	0.78	0.89
22	20	3,744	2,471	0.66	0.79	3,600	2,376	0.66	0.84	3,384	2,233	0.66	0.90
24	16	3,204	3,140	0.98	0.75	3,060	2,999	0.98	0.80	2,916	2,858	0.98	0.87
24	18	3,456	2,972	0.86	0.77	3,348	2,879	0.86	0.83	3,132	2,694	0.86	0.89
24	20	3,744	2,771	0.74	0.79	3,600	2,664	0.74	0.84	3,384	2,504	0.74	0.90
24	22	4,032	2,500	0.62	0.80	3,888	2,411	0.62	0.87	3,672	2,277	0.62	0.92
26	16	3,204	3,204	1.00	0.75	3,060	3,060	1.00	0.80	2,916	2,916	1.00	0.87
26	18	3,456	3,249	0.94	0.77	3,348	3,147	0.94	0.83	3,132	2,944	0.94	0.89
26	20	3,744	3,070	0.82	0.79	3,600	2,952	0.82	0.84	3,384	2,775	0.82	0.90
26	22	4,032	2,822	0.70	0.80	3,888	2,722	0.70	0.87	3,672	2,570	0.70	0.92
27	16	3,204	3,204	1.00	0.75	3,060	3,060	1.00	0.80	2,916	2,916	1.00	0.87
27	18	3,456	3,387	0.98	0.77	3,348	3,281	0.98	0.83	3,132	3,069	0.98	0.89
27	20	3,744	3,220	0.86	0.79	3,600	3,096	0.86	0.84	3,384	2,910	0.86	0.90
27	22	4,032	2,984	0.74	0.80	3,888	2,877	0.74	0.87	3,672	2,717	0.74	0.92
28	16	3,204	3,204	1.00	0.75	3,060	3,060	1.00	0.80	2,916	2,916	1.00	0.87
28	18	3,456	3,456	1.00	0.77	3,348	3,348	1.00	0.83	3,132	3,132	1.00	0.89
28	20	3,744	3,370	0.90	0.79	3,600	3,240	0.90	0.84	3,384	3,046	0.90	0.90
28	22	4,032	3,145	0.78	0.80	3,888	3,033	0.78	0.87	3,672	2,864	0.78	0.92
30	16	3,204	3,204	1.00	0.75	3,060	3,060	1.00	0.80	2,916	2,916	1.00	0.87
30	18	3,456	3,456	1.00	0.77	3,348	3,348	1.00	0.83	3,132	3,132	1.00	0.89
30	20	3,744	3,669	0.98	0.79	3,600	3,528	0.98	0.84	3,384	3,316	0.98	0.90
30	22	4,032	3,468	0.86	0.80	3,888	3,344	0.86	0.87	3,672	3,158	0.86	0.92
32	16	3,204	3,204	1.00	0.75	3,060	3,060	1.00	0.80	2,916	2,916	1.00	0.87
32	18	3,456	3,456	1.00	0.77	3,348	3,348	1.00	0.83	3,132	3,132	1.00	0.89
32	20	3,744	3,744	1.00	0.79	3,600	3,600	1.00	0.84	3,384	3,384	1.00	0.90
32	22	4,032	3,790	0.94	0.80	3,888	3,655	0.94	0.87	3,672	3,452	0.94	0.92
34	16	3,204	3,204	1.00	0.75	3,060	3,060	1.00	0.80	2,916	2,916	1.00	0.87
34	18	3,456	3,456	1.00	0.77	3,348	3,348	1.00	0.83	3,132	3,132	1.00	0.89
34	20	3,744	3,744	1.00	0.79	3,600	3,600	1.00	0.84	3,384	3,384	1.00	0.90
34	22	4,032	4,032	1.00	0.80	3,888	3,888	1.00	0.87	3,672	3,672	1.00	0.92

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-ZM50EA / PUHZ-ZRP50VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,614	0.73	1.06	4,800	3,504	0.73	1.12	4,650	3,395	0.73	1.19
20	18	5,300	3,233	0.61	1.08	5,150	3,142	0.61	1.14	4,975	3,035	0.61	1.22
20	20	5,700	2,793	0.49	1.12	5,575	2,732	0.49	1.17	5,425	2,658	0.49	1.25
22	16	4,950	4,010	0.81	1.06	4,800	3,888	0.81	1.12	4,650	3,767	0.81	1.19
22	18	5,300	3,657	0.69	1.08	5,150	3,554	0.69	1.14	4,975	3,433	0.69	1.22
22	20	5,700	3,249	0.57	1.12	5,575	3,178	0.57	1.17	5,425	3,092	0.57	1.25
24	16	4,950	4,406	0.89	1.06	4,800	4,272	0.89	1.12	4,650	4,139	0.89	1.19
24	18	5,300	4,081	0.77	1.08	5,150	3,966	0.77	1.14	4,975	3,831	0.77	1.22
24	20	5,700	3,705	0.65	1.12	5,575	3,624	0.65	1.17	5,425	3,526	0.65	1.25
24	22	6,075	3,220	0.53	1.14	5,950	3,154	0.53	1.21	5,800	3,074	0.53	1.29
26	16	4,950	4,802	0.97	1.06	4,800	4,656	0.97	1.12	4,650	4,511	0.97	1.19
26	18	5,300	4,505	0.85	1.08	5,150	4,378	0.85	1.14	4,975	4,229	0.85	1.22
26	20	5,700	4,161	0.73	1.12	5,575	4,070	0.73	1.17	5,425	3,960	0.73	1.25
26	22	6,075	3,706	0.61	1.14	5,950	3,630	0.61	1.21	5,800	3,538	0.61	1.29
27	16	4,950	4,950	1.00	1.06	4,800	4,800	1.00	1.12	4,650	4,650	1.00	1.19
27	18	5,300	4,717	0.89	1.08	5,150	4,584	0.89	1.14	4,975	4,428	0.89	1.22
27	20	5,700	4,389	0.77	1.12	5,575	4,293	0.77	1.17	5,425	4,177	0.77	1.25
27	22	6,075	3,949	0.65	1.14	5,950	3,868	0.65	1.21	5,800	3,770	0.65	1.29
28	16	4,950	4,950	1.00	1.06	4,800	4,800	1.00	1.12	4,650	4,650	1.00	1.19
28	18	5,300	4,929	0.93	1.08	5,150	4,790	0.93	1.14	4,975	4,627	0.93	1.22
28	20	5,700	4,617	0.81	1.12	5,575	4,516	0.81	1.17	5,425	4,394	0.81	1.25
28	22	6,075	4,192	0.69	1.14	5,950	4,106	0.69	1.21	5,800	4,002	0.69	1.29
30	16	4,950	4,950	1.00	1.06	4,800	4,800	1.00	1.12	4,650	4,650	1.00	1.19
30	18	5,300	5,300	1.00	1.08	5,150	5,150	1.00	1.14	4,975	4,975	1.00	1.22
30	20	5,700	5,073	0.89	1.12	5,575	4,962	0.89	1.17	5,425	4,828	0.89	1.25
30	22	6,075	4,678	0.77	1.14	5,950	4,582	0.77	1.21	5,800	4,466	0.77	1.29
32	16	4,950	4,950	1.00	1.06	4,800	4,800	1.00	1.12	4,650	4,650	1.00	1.19
32	18	5,300	5,300	1.00	1.08	5,150	5,150	1.00	1.14	4,975	4,975	1.00	1.22
32	20	5,700	5,529	0.97	1.12	5,575	5,408	0.97	1.17	5,425	5,262	0.97	1.25
32	22	6,075	5,164	0.85	1.14	5,950	5,058	0.85	1.21	5,800	4,930	0.85	1.29
34	16	4,950	4,950	1.00	1.06	4,800	4,800	1.00	1.12	4,650	4,650	1.00	1.19
34	18	5,300	5,300	1.00	1.08	5,150	5,150	1.00	1.14	4,975	4,975	1.00	1.22
34	20	5,700	5,700	1.00	1.12	5,575	5,575	1.00	1.17	5,425	5,425	1.00	1.25
34	22	6,075	5,650	0.93	1.14	5,950	5,534	0.93	1.21	5,800	5,394	0.93	1.29

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,249	0.73	1.28	4,250	3,103	0.73	1.37	4,050	2,957	0.73	1.48
20	18	4,800	2,928	0.61	1.31	4,650	2,837	0.61	1.41	4,350	2,654	0.61	1.52
20	20	5,200	2,548	0.49	1.34	5,000	2,450	0.49	1.44	4,700	2,303	0.49	1.54
22	16	4,450	3,605	0.81	1.28	4,250	3,443	0.81	1.37	4,050	3,281	0.81	1.48
22	18	4,800	3,312	0.69	1.31	4,650	3,209	0.69	1.41	4,350	3,002	0.69	1.52
22	20	5,200	2,964	0.57	1.34	5,000	2,850	0.57	1.44	4,700	2,679	0.57	1.54
24	16	4,450	3,961	0.89	1.28	4,250	3,783	0.89	1.37	4,050	3,605	0.89	1.48
24	18	4,800	3,696	0.77	1.31	4,650	3,581	0.77	1.41	4,350	3,350	0.77	1.52
24	20	5,200	3,380	0.65	1.34	5,000	3,250	0.65	1.44	4,700	3,055	0.65	1.54
24	22	5,600	2,968	0.53	1.37	5,400	2,862	0.53	1.48	5,100	2,703	0.53	1.57
26	16	4,450	4,317	0.97	1.28	4,250	4,123	0.97	1.37	4,050	3,929	0.97	1.48
26	18	4,800	4,080	0.85	1.31	4,650	3,953	0.85	1.41	4,350	3,698	0.85	1.52
26	20	5,200	3,796	0.73	1.34	5,000	3,650	0.73	1.44	4,700	3,431	0.73	1.54
26	22	5,600	3,416	0.61	1.37	5,400	3,294	0.61	1.48	5,100	3,111	0.61	1.57
27	16	4,450	4,450	1.00	1.28	4,250	4,250	1.00	1.37	4,050	4,050	1.00	1.48
27	18	4,800	4,272	0.89	1.31	4,650	4,139	0.89	1.41	4,350	3,872	0.89	1.52
27	20	5,200	4,004	0.77	1.34	5,000	3,850	0.77	1.44	4,700	3,619	0.77	1.54
27	22	5,600	3,640	0.65	1.37	5,400	3,510	0.65	1.48	5,100	3,315	0.65	1.57
28	16	4,450	4,450	1.00	1.28	4,250	4,250	1.00	1.37	4,050	4,050	1.00	1.48
28	18	4,800	4,464	0.93	1.31	4,650	4,325	0.93	1.41	4,350	4,046	0.93	1.52
28	20	5,200	4,212	0.81	1.34	5,000	4,050	0.81	1.44	4,700	3,807	0.81	1.54
28	22	5,600	3,864	0.69	1.37	5,400	3,726	0.69	1.48	5,100	3,519	0.69	1.57
30	16	4,450	4,450	1.00	1.28	4,250	4,250	1.00	1.37	4,050	4,050	1.00	1.48
30	18	4,800	4,800	1.00	1.31	4,650	4,650	1.00	1.41	4,350	4,350	1.00	1.52
30	20	5,200	4,628	0.89	1.34	5,000	4,450	0.89	1.44	4,700	4,183	0.89	1.54
30	22	5,600	4,312	0.77	1.37	5,400	4,158	0.77	1.48	5,100	3,927	0.77	1.57
32	16	4,450	4,450	1.00	1.28	4,250	4,250	1.00	1.37	4,050	4,050	1.00	1.48
32	18	4,800	4,800	1.00	1.31	4,650	4,650	1.00	1.41	4,350	4,350	1.00	1.52
32	20	5,200	5,044	0.97	1.34	5,000	4,850	0.97	1.44	4,700	4,559	0.97	1.54
32	22	5,600	4,760	0.85	1.37	5,400	4,590	0.85	1.48	5,100	4,335	0.85	1.57
34	16	4,450	4,450	1.00	1.28	4,250	4,250	1.00	1.37	4,050	4,050	1.00	1.48
34	18	4,800	4,800	1.00	1.31	4,650	4,650	1.00	1.41	4,350	4,350	1.00	1.52
34	20	5,200	5,200	1.00	1.34	5,000	5,000	1.00	1.44	4,700	4,700	1.00	1.54
34	22	5,600	5,208	0.93	1.37	5,400	5,022	0.93	1.48	5,100	4,743	0.93	1.57

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-ZM60EA / PUHZ-ZRP60VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	3,744	0.62	1.33	5,856	3,631	0.62	1.40	5,673	3,517	0.62	1.49
20	18	6,466	3,233	0.50	1.35	6,283	3,142	0.50	1.43	6,070	3,035	0.50	1.53
20	20	6,954	2,643	0.38	1.39	6,802	2,585	0.38	1.46	6,619	2,515	0.38	1.56
22	16	6,039	4,227	0.70	1.33	5,856	4,099	0.70	1.40	5,673	3,971	0.70	1.49
22	18	6,466	3,750	0.58	1.35	6,283	3,644	0.58	1.43	6,070	3,520	0.58	1.53
22	20	6,954	3,199	0.46	1.39	6,802	3,129	0.46	1.46	6,619	3,045	0.46	1.56
24	16	6,039	4,710	0.78	1.33	5,856	4,568	0.78	1.40	5,673	4,425	0.78	1.49
24	18	6,466	4,268	0.66	1.35	6,283	4,147	0.66	1.43	6,070	4,006	0.66	1.53
24	20	6,954	3,755	0.54	1.39	6,802	3,673	0.54	1.46	6,619	3,574	0.54	1.56
24	22	7,412	3,113	0.42	1.43	7,259	3,049	0.42	1.51	7,076	2,972	0.42	1.61
26	16	6,039	5,194	0.86	1.33	5,856	5,036	0.86	1.40	5,673	4,879	0.86	1.49
26	18	6,466	4,785	0.74	1.35	6,283	4,649	0.74	1.43	6,070	4,491	0.74	1.53
26	20	6,954	4,311	0.62	1.39	6,802	4,217	0.62	1.46	6,619	4,103	0.62	1.56
26	22	7,412	3,706	0.50	1.43	7,259	3,630	0.50	1.51	7,076	3,538	0.50	1.61
27	16	6,039	5,435	0.90	1.33	5,856	5,270	0.90	1.40	5,673	5,106	0.90	1.49
27	18	6,466	5,043	0.78	1.35	6,283	4,901	0.78	1.43	6,070	4,734	0.78	1.53
27	20	6,954	4,590	0.66	1.39	6,802	4,489	0.66	1.46	6,619	4,368	0.66	1.56
27	22	7,412	4,002	0.54	1.43	7,259	3,920	0.54	1.51	7,076	3,821	0.54	1.61
28	16	6,039	5,677	0.94	1.33	5,856	5,505	0.94	1.40	5,673	5,333	0.94	1.49
28	18	6,466	5,302	0.82	1.35	6,283	5,152	0.82	1.43	6,070	4,977	0.82	1.53
28	20	6,954	4,868	0.70	1.39	6,802	4,761	0.70	1.46	6,619	4,633	0.70	1.56
28	22	7,412	4,299	0.58	1.43	7,259	4,210	0.58	1.51	7,076	4,104	0.58	1.61
30	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
30	18	6,466	5,819	0.90	1.35	6,283	5,655	0.90	1.43	6,070	5,463	0.90	1.53
30	20	6,954	5,424	0.78	1.39	6,802	5,305	0.78	1.46	6,619	5,162	0.78	1.56
30	22	7,412	4,892	0.66	1.43	7,259	4,791	0.66	1.51	7,076	4,670	0.66	1.61
32	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
32	18	6,466	6,337	0.98	1.35	6,283	6,157	0.98	1.43	6,070	5,948	0.98	1.53
32	20	6,954	5,980	0.86	1.39	6,802	5,849	0.86	1.46	6,619	5,692	0.86	1.56
32	22	7,412	5,485	0.74	1.43	7,259	5,372	0.74	1.51	7,076	5,236	0.74	1.61
34	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
34	18	6,466	6,466	1.00	1.35	6,283	6,283	1.00	1.43	6,070	6,070	1.00	1.53
34	20	6,954	6,537	0.94	1.39	6,802	6,393	0.94	1.46	6,619	6,221	0.94	1.56
34	22	7,412	6,077	0.82	1.43	7,259	5,952	0.82	1.51	7,076	5,802	0.82	1.61

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,366	0.62	1.59	5,185	3,215	0.62	1.71	4,941	3,063	0.62	1.85
20	18	5,856	2,928	0.50	1.64	5,673	2,837	0.50	1.76	5,307	2,654	0.50	1.89
20	20	6,344	2,411	0.38	1.68	6,100	2,318	0.38	1.79	5,734	2,179	0.38	1.93
22	16	5,429	3,800	0.70	1.59	5,185	3,630	0.70	1.71	4,941	3,459	0.70	1.85
22	18	5,856	3,396	0.58	1.64	5,673	3,290	0.58	1.76	5,307	3,078	0.58	1.89
22	20	6,344	2,918	0.46	1.68	6,100	2,806	0.46	1.79	5,734	2,638	0.46	1.93
24	16	5,429	4,235	0.78	1.59	5,185	4,044	0.78	1.71	4,941	3,854	0.78	1.85
24	18	5,856	3,865	0.66	1.64	5,673	3,744	0.66	1.76	5,307	3,503	0.66	1.89
24	20	6,344	3,426	0.54	1.68	6,100	3,294	0.54	1.79	5,734	3,096	0.54	1.93
24	22	6,832	2,869	0.42	1.71	6,588	2,767	0.42	1.84	6,222	2,613	0.42	1.96
26	16	5,429	4,669	0.86	1.59	5,185	4,459	0.86	1.71	4,941	4,249	0.86	1.85
26	18	5,856	4,333	0.74	1.64	5,673	4,198	0.74	1.76	5,307	3,927	0.74	1.89
26	20	6,344	3,933	0.62	1.68	6,100	3,782	0.62	1.79	5,734	3,555	0.62	1.93
26	22	6,832	3,416	0.50	1.71	6,588	3,294	0.50	1.84	6,222	3,111	0.50	1.96
27	16	5,429	4,886	0.90	1.59	5,185	4,667	0.90	1.71	4,941	4,447	0.90	1.85
27	18	5,856	4,568	0.78	1.64	5,673	4,425	0.78	1.76	5,307	4,139	0.78	1.89
27	20	6,344	4,187	0.66	1.68	6,100	4,026	0.66	1.79	5,734	3,784	0.66	1.93
27	22	6,832	3,689	0.54	1.71	6,588	3,558	0.54	1.84	6,222	3,360	0.54	1.96
28	16	5,429	5,103	0.94	1.59	5,185	4,874	0.94	1.71	4,941	4,645	0.94	1.85
28	18	5,856	4,802	0.82	1.64	5,673	4,652	0.82	1.76	5,307	4,352	0.82	1.89
28	20	6,344	4,441	0.70	1.68	6,100	4,270	0.70	1.79	5,734	4,014	0.70	1.93
28	22	6,832	3,963	0.58	1.71	6,588	3,821	0.58	1.84	6,222	3,609	0.58	1.96
30	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
30	18	5,856	5,270	0.90	1.64	5,673	5,106	0.90	1.76	5,307	4,776	0.90	1.89
30	20	6,344	4,948	0.78	1.68	6,100	4,758	0.78	1.79	5,734	4,473	0.78	1.93
30	22	6,832	4,509	0.66	1.71	6,588	4,348	0.66	1.84	6,222	4,107	0.66	1.96
32	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
32	18	5,856	5,739	0.98	1.64	5,673	5,560	0.98	1.76	5,307	5,201	0.98	1.89
32	20	6,344	5,456	0.86	1.68	6,100	5,246	0.86	1.79	5,734	4,931	0.86	1.93
32	22	6,832	5,056	0.74	1.71	6,588	4,875	0.74	1.84	6,222	4,604	0.74	1.96
34	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
34	18	5,856	5,856	1.00	1.64	5,673	5,673	1.00	1.76	5,307	5,307	1.00	1.89
34	20	6,344	5,963	0.94	1.68	6,100	5,734	0.94	1.79	5,734	5,390	0.94	1.93
34	22	6,832	5,602	0.82	1.71	6,588	5,402	0.82	1.84	6,222	5,102	0.82	1.96

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZM71EA / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,991	0.71	1.43	6,816	4,839	0.71	1.51	6,603	4,688	0.71	1.60
20	18	7,526	4,440	0.59	1.46	7,313	4,315	0.59	1.54	7,065	4,168	0.59	1.65
20	20	8,094	3,804	0.47	1.50	7,917	3,721	0.47	1.58	7,704	3,621	0.47	1.68
22	16	7,029	5,553	0.79	1.43	6,816	5,385	0.79	1.51	6,603	5,216	0.79	1.60
22	18	7,526	5,042	0.67	1.46	7,313	4,900	0.67	1.54	7,065	4,733	0.67	1.65
22	20	8,094	4,452	0.55	1.50	7,917	4,354	0.55	1.58	7,704	4,237	0.55	1.68
24	16	7,029	6,115	0.87	1.43	6,816	5,930	0.87	1.51	6,603	5,745	0.87	1.60
24	18	7,526	5,645	0.75	1.46	7,313	5,485	0.75	1.54	7,065	5,298	0.75	1.65
24	20	8,094	5,099	0.63	1.50	7,917	4,987	0.63	1.58	7,704	4,853	0.63	1.68
24	22	8,627	4,400	0.51	1.54	8,449	4,309	0.51	1.63	8,236	4,200	0.51	1.74
26	16	7,029	6,678	0.95	1.43	6,816	6,475	0.95	1.51	6,603	6,273	0.95	1.60
26	18	7,526	6,247	0.83	1.46	7,313	6,070	0.83	1.54	7,065	5,864	0.83	1.65
26	20	8,094	5,747	0.71	1.50	7,917	5,621	0.71	1.58	7,704	5,469	0.71	1.68
26	22	8,627	5,090	0.59	1.54	8,449	4,985	0.59	1.63	8,236	4,859	0.59	1.74
27	16	7,029	6,959	0.99	1.43	6,816	6,748	0.99	1.51	6,603	6,537	0.99	1.60
27	18	7,526	6,548	0.87	1.46	7,313	6,362	0.87	1.54	7,065	6,146	0.87	1.65
27	20	8,094	6,071	0.75	1.50	7,917	5,937	0.75	1.58	7,704	5,778	0.75	1.68
27	22	8,627	5,435	0.63	1.54	8,449	5,323	0.63	1.63	8,236	5,189	0.63	1.74
28	16	7,029	7,029	1.00	1.43	6,816	6,816	1.00	1.51	6,603	6,603	1.00	1.60
28	18	7,526	6,849	0.91	1.46	7,313	6,655	0.91	1.54	7,065	6,429	0.91	1.65
28	20	8,094	6,394	0.79	1.50	7,917	6,254	0.79	1.58	7,704	6,086	0.79	1.68
28	22	8,627	5,780	0.67	1.54	8,449	5,661	0.67	1.63	8,236	5,518	0.67	1.74
30	16	7,029	7,029	1.00	1.43	6,816	6,816	1.00	1.51	6,603	6,603	1.00	1.60
30	18	7,526	7,451	0.99	1.46	7,313	7,240	0.99	1.54	7,065	6,994	0.99	1.65
30	20	8,094	7,042	0.87	1.50	7,917	6,887	0.87	1.58	7,704	6,702	0.87	1.68
30	22	8,627	6,470	0.75	1.54	8,449	6,337	0.75	1.63	8,236	6,177	0.75	1.74
32	16	7,029	7,029	1.00	1.43	6,816	6,816	1.00	1.51	6,603	6,603	1.00	1.60
32	18	7,526	7,526	1.00	1.46	7,313	7,313	1.00	1.54	7,065	7,065	1.00	1.65
32	20	8,094	7,689	0.95	1.50	7,917	7,521	0.95	1.58	7,704	7,318	0.95	1.68
32	22	8,627	7,160	0.83	1.54	8,449	7,013	0.83	1.63	8,236	6,836	0.83	1.74
34	16	7,029	7,029	1.00	1.43	6,816	6,816	1.00	1.51	6,603	6,603	1.00	1.60
34	18	7,526	7,526	1.00	1.46	7,313	7,313	1.00	1.54	7,065	7,065	1.00	1.65
34	20	8,094	8,094	1.00	1.50	7,917	7,917	1.00	1.58	7,704	7,704	1.00	1.68
34	22	8,627	7,850	0.91	1.54	8,449	7,689	0.91	1.63	8,236	7,495	0.91	1.74

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,486	0.71	1.72	6,035	4,285	0.71	1.84	5,751	4,083	0.71	2.00
20	18	6,816	4,021	0.59	1.76	6,603	3,896	0.59	1.90	6,177	3,644	0.59	2.04
20	20	7,384	3,470	0.47	1.81	7,100	3,337	0.47	1.93	6,674	3,137	0.47	2.08
22	16	6,319	4,992	0.79	1.72	6,035	4,768	0.79	1.84	5,751	4,543	0.79	2.00
22	18	6,816	4,567	0.67	1.76	6,603	4,424	0.67	1.90	6,177	4,139	0.67	2.04
22	20	7,384	4,061	0.55	1.81	7,100	3,905	0.55	1.93	6,674	3,671	0.55	2.08
24	16	6,319	5,498	0.87	1.72	6,035	5,250	0.87	1.84	5,751	5,003	0.87	2.00
24	18	6,816	5,112	0.75	1.76	6,603	4,952	0.75	1.90	6,177	4,633	0.75	2.04
24	20	7,384	4,652	0.63	1.81	7,100	4,473	0.63	1.93	6,674	4,205	0.63	2.08
24	22	7,952	4,056	0.51	1.84	7,668	3,911	0.51	1.99	7,242	3,693	0.51	2.11
26	16	6,319	6,003	0.95	1.72	6,035	5,733	0.95	1.84	5,751	5,463	0.95	2.00
26	18	6,816	5,657	0.83	1.76	6,603	5,480	0.83	1.90	6,177	5,127	0.83	2.04
26	20	7,384	5,243	0.71	1.81	7,100	5,041	0.71	1.93	6,674	4,739	0.71	2.08
26	22	7,952	4,692	0.59	1.84	7,668	4,524	0.59	1.99	7,242	4,273	0.59	2.11
27	16	6,319	6,256	0.99	1.72	6,035	5,975	0.99	1.84	5,751	5,693	0.99	2.00
27	18	6,816	5,930	0.87	1.76	6,603	5,745	0.87	1.90	6,177	5,374	0.87	2.04
27	20	7,384	5,538	0.75	1.81	7,100	5,325	0.75	1.93	6,674	5,006	0.75	2.08
27	22	7,952	5,010	0.63	1.84	7,668	4,831	0.63	1.99	7,242	4,562	0.63	2.11
28	16	6,319	6,319	1.00	1.72	6,035	6,035	1.00	1.84	5,751	5,751	1.00	2.00
28	18	6,816	6,203	0.91	1.76	6,603	6,009	0.91	1.90	6,177	5,621	0.91	2.04
28	20	7,384	5,833	0.79	1.81	7,100	5,609	0.79	1.93	6,674	5,272	0.79	2.08
28	22	7,952	5,328	0.67	1.84	7,668	5,138	0.67	1.99	7,242	4,852	0.67	2.11
30	16	6,319	6,319	1.00	1.72	6,035	6,035	1.00	1.84	5,751	5,751	1.00	2.00
30	18	6,816	6,748	0.99	1.76	6,603	6,537	0.99	1.90	6,177	6,115	0.99	2.04
30	20	7,384	6,424	0.87	1.81	7,100	6,177	0.87	1.93	6,674	5,806	0.87	2.08
30	22	7,952	5,964	0.75	1.84	7,668	5,751	0.75	1.99	7,242	5,432	0.75	2.11
32	16	6,319	6,319	1.00	1.72	6,035	6,035	1.00	1.84	5,751	5,751	1.00	2.00
32	18	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.90	6,177	6,177	1.00	2.04
32	20	7,384	7,015	0.95	1.81	7,100	6,745	0.95	1.93	6,674	6,340	0.95	2.08
32	22	7,952	6,600	0.83	1.84	7,668	6,364	0.83	1.99	7,242	6,011	0.83	2.11
34	16	6,319	6,319	1.00	1.72	6,035	6,035	1.00	1.84	5,751	5,751	1.00	2.00
34	18	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.90	6,177	6,177	1.00	2.04
34	20	7,384	7,384	1.00	1.81	7,100	7,100	1.00	1.93	6,674	6,674	1.00	2.08
34	22	7,952	7,236	0.91	1.84	7,668	6,978	0.91	1.99	7,242	6,590	0.91	2.11

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZM100EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,113	0.65	1.76	9,120	5,928	0.65	1.86	8,835	5,743	0.65	1.97
20	18	10,070	5,337	0.53	1.79	9,785	5,186	0.53	1.89	9,453	5,010	0.53	2.02
20	20	10,830	4,440	0.41	1.85	10,593	4,343	0.41	1.94	10,308	4,226	0.41	2.07
22	16	9,405	6,866	0.73	1.76	9,120	6,658	0.73	1.86	8,835	6,450	0.73	1.97
22	18	10,070	6,143	0.61	1.79	9,785	5,969	0.61	1.89	9,453	5,766	0.61	2.02
22	20	10,830	5,307	0.49	1.85	10,593	5,190	0.49	1.94	10,308	5,051	0.49	2.07
24	16	9,405	7,618	0.81	1.76	9,120	7,387	0.81	1.86	8,835	7,156	0.81	1.97
24	18	10,070	6,948	0.69	1.79	9,785	6,752	0.69	1.89	9,453	6,522	0.69	2.02
24	20	10,830	6,173	0.57	1.85	10,593	6,038	0.57	1.94	10,308	5,875	0.57	2.07
24	22	11,543	5,194	0.45	1.89	11,305	5,087	0.45	2.00	11,020	4,959	0.45	2.13
26	16	9,405	8,370	0.89	1.76	9,120	8,117	0.89	1.86	8,835	7,863	0.89	1.97
26	18	10,070	7,754	0.77	1.79	9,785	7,534	0.77	1.89	9,453	7,278	0.77	2.02
26	20	10,830	7,040	0.65	1.85	10,593	6,885	0.65	1.94	10,308	6,700	0.65	2.07
26	22	11,543	6,118	0.53	1.89	11,305	5,992	0.53	2.00	11,020	5,841	0.53	2.13
27	16	9,405	8,747	0.93	1.76	9,120	8,482	0.93	1.86	8,835	8,217	0.93	1.97
27	18	10,070	8,157	0.81	1.79	9,785	7,926	0.81	1.89	9,453	7,657	0.81	2.02
27	20	10,830	7,473	0.69	1.85	10,593	7,309	0.69	1.94	10,308	7,112	0.69	2.07
27	22	11,543	6,579	0.57	1.89	11,305	6,444	0.57	2.00	11,020	6,281	0.57	2.13
28	16	9,405	9,123	0.97	1.76	9,120	8,846	0.97	1.86	8,835	8,570	0.97	1.97
28	18	10,070	8,560	0.85	1.79	9,785	8,317	0.85	1.89	9,453	8,035	0.85	2.02
28	20	10,830	7,906	0.73	1.85	10,593	7,733	0.73	1.94	10,308	7,524	0.73	2.07
28	22	11,543	7,041	0.61	1.89	11,305	6,896	0.61	2.00	11,020	6,722	0.61	2.13
30	16	9,405	9,405	1.00	1.76	9,120	9,120	1.00	1.86	8,835	8,835	1.00	1.97
30	18	10,070	9,365	0.93	1.79	9,785	9,100	0.93	1.89	9,453	8,791	0.93	2.02
30	20	10,830	8,772	0.81	1.85	10,593	8,580	0.81	1.94	10,308	8,349	0.81	2.07
30	22	11,543	7,964	0.69	1.89	11,305	7,800	0.69	2.00	11,020	7,604	0.69	2.13
32	16	9,405	9,405	1.00	1.76	9,120	9,120	1.00	1.86	8,835	8,835	1.00	1.97
32	18	10,070	10,070	1.00	1.79	9,785	9,785	1.00	1.89	9,453	9,453	1.00	2.02
32	20	10,830	9,639	0.89	1.85	10,593	9,427	0.89	1.94	10,308	9,174	0.89	2.07
32	22	11,543	8,888	0.77	1.89	11,305	8,705	0.77	2.00	11,020	8,485	0.77	2.13
34	16	9,405	9,405	1.00	1.76	9,120	9,120	1.00	1.86	8,835	8,835	1.00	1.97
34	18	10,070	10,070	1.00	1.79	9,785	9,785	1.00	1.89	9,453	9,453	1.00	2.02
34	20	10,830	10,505	0.97	1.85	10,593	10,275	0.97	1.94	10,308	9,998	0.97	2.07
34	22	11,543	9,811	0.85	1.89	11,305	9,609	0.85	2.00	11,020	9,367	0.85	2.13

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,496	0.65	2.11	8,075	5,249	0.65	2.27	7,695	5,002	0.65	2.45
20	18	9,120	4,834	0.53	2.17	8,835	4,683	0.53	2.33	8,265	4,380	0.53	2.51
20	20	9,880	4,051	0.41	2.22	9,500	3,895	0.41	2.38	8,930	3,661	0.41	2.55
22	16	8,455	6,172	0.73	2.11	8,075	5,895	0.73	2.27	7,695	5,617	0.73	2.45
22	18	9,120	5,563	0.61	2.17	8,835	5,389	0.61	2.33	8,265	5,042	0.61	2.51
22	20	9,880	4,841	0.49	2.22	9,500	4,655	0.49	2.38	8,930	4,376	0.49	2.55
24	16	8,455	6,849	0.81	2.11	8,075	6,541	0.81	2.27	7,695	6,233	0.81	2.45
24	18	9,120	6,293	0.69	2.17	8,835	6,096	0.69	2.33	8,265	5,703	0.69	2.51
24	20	9,880	5,632	0.57	2.22	9,500	5,415	0.57	2.38	8,930	5,090	0.57	2.55
24	22	10,640	4,788	0.45	2.27	10,260	4,617	0.45	2.44	9,690	4,361	0.45	2.60
26	16	8,455	7,525	0.89	2.11	8,075	7,187	0.89	2.27	7,695	6,849	0.89	2.45
26	18	9,120	7,022	0.77	2.17	8,835	6,803	0.77	2.33	8,265	6,364	0.77	2.51
26	20	9,880	6,422	0.65	2.22	9,500	6,175	0.65	2.38	8,930	5,805	0.65	2.55
26	22	10,640	5,639	0.53	2.27	10,260	5,438	0.53	2.44	9,690	5,136	0.53	2.60
27	16	8,455	7,863	0.93	2.11	8,075	7,510	0.93	2.27	7,695	7,156	0.93	2.45
27	18	9,120	7,387	0.81	2.17	8,835	7,156	0.81	2.33	8,265	6,695	0.81	2.51
27	20	9,880	6,817	0.69	2.22	9,500	6,555	0.69	2.38	8,930	6,162	0.69	2.55
27	22	10,640	6,065	0.57	2.27	10,260	5,848	0.57	2.44	9,690	5,523	0.57	2.60
28	16	8,455	8,201	0.97	2.11	8,075	7,833	0.97	2.27	7,695	7,464	0.97	2.45
28	18	9,120	7,752	0.85	2.17	8,835	7,510	0.85	2.33	8,265	7,025	0.85	2.51
28	20	9,880	7,212	0.73	2.22	9,500	6,935	0.73	2.38	8,930	6,519	0.73	2.55
28	22	10,640	6,490	0.61	2.27	10,260	6,259	0.61	2.44	9,690	5,911	0.61	2.60
30	16	8,455	8,455	1.00	2.11	8,075	8,075	1.00	2.27	7,695	7,695	1.00	2.45
30	18	9,120	8,482	0.93	2.17	8,835	8,217	0.93	2.33	8,265	7,686	0.93	2.51
30	20	9,880	8,003	0.81	2.22	9,500	7,695	0.81	2.38	8,930	7,233	0.81	2.55
30	22	10,640	7,342	0.69	2.27	10,260	7,079	0.69	2.44	9,690	6,686	0.69	2.60
32	16	8,455	8,455	1.00	2.11	8,075	8,075	1.00	2.27	7,695	7,695	1.00	2.45
32	18	9,120	9,120	1.00	2.17	8,835	8,835	1.00	2.33	8,265	8,265	1.00	2.51
32	20	9,880	8,793	0.89	2.22	9,500	8,455	0.89	2.38	8,930	7,948	0.89	2.55
32	22	10,640	8,193	0.77	2.27	10,260	7,900	0.77	2.44	9,690	7,461	0.77	2.60
34	16	8,455	8,455	1.00	2.11	8,075	8,075	1.00	2.27	7,695	7,695	1.00	2.45
34	18	9,120	9,120	1.00	2.17	8,835	8,835	1.00	2.33	8,265	8,265	1.00	2.51
34	20	9,880	9,584	0.97	2.22	9,500	9,215	0.97	2.38	8,930	8,662	0.97	2.55
34	22	10,640	9,044	0.85	2.27	10,260	8,721	0.85	2.44	9,690	8,237	0.85	2.60

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZM125EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,054	0.57	3.07	12,000	6,840	0.57	3.24	11,625	6,626	0.57	3.44
20	18	13,250	5,963	0.45	3.13	12,875	5,794	0.45	3.30	12,438	5,597	0.45	3.53
20	20	14,250	4,703	0.33	3.23	13,938	4,599	0.33	3.38	13,563	4,476	0.33	3.61
22	16	12,375	8,044	0.65	3.07	12,000	7,800	0.65	3.24	11,625	7,556	0.65	3.44
22	18	13,250	7,023	0.53	3.13	12,875	6,824	0.53	3.30	12,438	6,592	0.53	3.53
22	20	14,250	5,843	0.41	3.23	13,938	5,714	0.41	3.38	13,563	5,561	0.41	3.61
24	16	12,375	9,034	0.73	3.07	12,000	8,760	0.73	3.24	11,625	8,486	0.73	3.44
24	18	13,250	8,083	0.61	3.13	12,875	7,854	0.61	3.30	12,438	7,587	0.61	3.53
24	20	14,250	6,983	0.49	3.23	13,938	6,829	0.49	3.38	13,563	6,646	0.49	3.61
24	22	15,188	5,619	0.37	3.30	14,875	5,504	0.37	3.49	14,500	5,365	0.37	3.72
26	16	12,375	10,024	0.81	3.07	12,000	9,720	0.81	3.24	11,625	9,416	0.81	3.44
26	18	13,250	9,143	0.69	3.13	12,875	8,884	0.69	3.30	12,438	8,582	0.69	3.53
26	20	14,250	8,123	0.57	3.23	13,938	7,944	0.57	3.38	13,563	7,731	0.57	3.61
26	22	15,188	6,834	0.45	3.30	14,875	6,694	0.45	3.49	14,500	6,525	0.45	3.72
27	16	12,375	10,519	0.85	3.07	12,000	10,200	0.85	3.24	11,625	9,881	0.85	3.44
27	18	13,250	9,673	0.73	3.13	12,875	9,399	0.73	3.30	12,438	9,079	0.73	3.53
27	20	14,250	8,693	0.61	3.23	13,938	8,502	0.61	3.38	13,563	8,273	0.61	3.61
27	22	15,188	7,442	0.49	3.30	14,875	7,289	0.49	3.49	14,500	7,105	0.49	3.72
28	16	12,375	11,014	0.89	3.07	12,000	10,680	0.89	3.24	11,625	10,346	0.89	3.44
28	18	13,250	10,203	0.77	3.13	12,875	9,914	0.77	3.30	12,438	9,577	0.77	3.53
28	20	14,250	9,263	0.65	3.23	13,938	9,059	0.65	3.38	13,563	8,816	0.65	3.61
28	22	15,188	8,049	0.53	3.30	14,875	7,884	0.53	3.49	14,500	7,685	0.53	3.72
30	16	12,375	12,004	0.97	3.07	12,000	11,640	0.97	3.24	11,625	11,276	0.97	3.44
30	18	13,250	11,263	0.85	3.13	12,875	10,944	0.85	3.30	12,438	10,572	0.85	3.53
30	20	14,250	10,403	0.73	3.23	13,938	10,174	0.73	3.38	13,563	9,901	0.73	3.61
30	22	15,188	9,264	0.61	3.30	14,875	9,074	0.61	3.49	14,500	8,845	0.61	3.72
32	16	12,375	12,375	1.00	3.07	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.44
32	18	13,250	12,323	0.93	3.13	12,875	11,974	0.93	3.30	12,438	11,567	0.93	3.53
32	20	14,250	11,543	0.81	3.23	13,938	11,289	0.81	3.38	13,563	10,986	0.81	3.61
32	22	15,188	10,479	0.69	3.30	14,875	10,264	0.69	3.49	14,500	10,005	0.69	3.72
34	16	12,375	12,375	1.00	3.07	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.44
34	18	13,250	13,250	1.00	3.13	12,875	12,875	1.00	3.30	12,438	12,438	1.00	3.53
34	20	14,250	12,683	0.89	3.23	13,938	12,404	0.89	3.38	13,563	12,071	0.89	3.61
34	22	15,188	11,694	0.77	3.30	14,875	11,454	0.77	3.49	14,500	11,165	0.77	3.72

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,341	0.57	3.69	10,625	6,056	0.57	3.96	10,125	5,771	0.57	4.28
20	18	12,000	5,400	0.45	3.78	11,625	5,231	0.45	4.07	10,875	4,894	0.45	4.38
20	20	13,000	4,290	0.33	3.88	12,500	4,125	0.33	4.15	11,750	3,878	0.33	4.45
22	16	11,125	7,231	0.65	3.69	10,625	6,906	0.65	3.96	10,125	6,581	0.65	4.28
22	18	12,000	6,360	0.53	3.78	11,625	6,161	0.53	4.07	10,875	5,764	0.53	4.38
22	20	13,000	5,330	0.41	3.88	12,500	5,125	0.41	4.15	11,750	4,818	0.41	4.45
24	16	11,125	8,121	0.73	3.69	10,625	7,756	0.73	3.96	10,125	7,391	0.73	4.28
24	18	12,000	7,320	0.61	3.78	11,625	7,091	0.61	4.07	10,875	6,634	0.61	4.38
24	20	13,000	6,370	0.49	3.88	12,500	6,125	0.49	4.15	11,750	5,758	0.49	4.45
24	22	14,000	5,180	0.37	3.96	13,500	4,995	0.37	4.26	12,750	4,718	0.37	4.53
26	16	11,125	9,011	0.81	3.69	10,625	8,606	0.81	3.96	10,125	8,201	0.81	4.28
26	18	12,000	8,280	0.69	3.78	11,625	8,021	0.69	4.07	10,875	7,504	0.69	4.38
26	20	13,000	7,410	0.57	3.88	12,500	7,125	0.57	4.15	11,750	6,698	0.57	4.45
26	22	14,000	6,300	0.45	3.96	13,500	6,075	0.45	4.26	12,750	5,738	0.45	4.53
27	16	11,125	9,456	0.85	3.69	10,625	9,031	0.85	3.96	10,125	8,606	0.85	4.28
27	18	12,000	8,760	0.73	3.78	11,625	8,486	0.73	4.07	10,875	7,939	0.73	4.38
27	20	13,000	7,930	0.61	3.88	12,500	7,625	0.61	4.15	11,750	7,168	0.61	4.45
27	22	14,000	6,860	0.49	3.96	13,500	6,615	0.49	4.26	12,750	6,248	0.49	4.53
28	16	11,125	9,901	0.89	3.69	10,625	9,456	0.89	3.96	10,125	9,011	0.89	4.28
28	18	12,000	9,240	0.77	3.78	11,625	8,951	0.77	4.07	10,875	8,374	0.77	4.38
28	20	13,000	8,450	0.65	3.88	12,500	8,125	0.65	4.15	11,750	7,638	0.65	4.45
28	22	14,000	7,420	0.53	3.96	13,500	7,155	0.53	4.26	12,750	6,758	0.53	4.53
30	16	11,125	10,791	0.97	3.69	10,625	10,306	0.97	3.96	10,125	9,821	0.97	4.28
30	18	12,000	10,200	0.85	3.78	11,625	9,881	0.85	4.07	10,875	9,244	0.85	4.38
30	20	13,000	9,490	0.73	3.88	12,500	9,125	0.73	4.15	11,750	8,578	0.73	4.45
30	22	14,000	8,540	0.61	3.96	13,500	8,235	0.61	4.26	12,750	7,778	0.61	4.53
32	16	11,125	11,125	1.00	3.69	10,625	10,625	1.00	3.96	10,125	10,125	1.00	4.28
32	18	12,000	11,160	0.93	3.78	11,625	10,811	0.93	4.07	10,875	10,114	0.93	4.38
32	20	13,000	10,530	0.81	3.88	12,500	10,125	0.81	4.15	11,750	9,518	0.81	4.45
32	22	14,000	9,660	0.69	3.96	13,500	9,315	0.69	4.26	12,750	8,798	0.69	4.53
34	16	11,125	11,125	1.00	3.69	10,625	10,625	1.00	3.96	10,125	10,125	1.00	4.28
34	18	12,000	12,000	1.00	3.78	11,625	11,625	1.00	4.07	10,875	10,875	1.00	4.38
34	20	13,000	11,570	0.89	3.88	12,500	11,125	0.89	4.15	11,750	10,458	0.89	4.45
34	22	14,000	10,780	0.77	3.96	13,500	10,395	0.77	4.26	12,750	9,818	0.77	4.53

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

COOLING CAPACITY
PLA-ZM140EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	7,562	0.57	3.49	12,864	7,332	0.57	3.68	12,462	7,103	0.57	3.90
20	18	14,204	6,392	0.45	3.55	13,802	6,211	0.45	3.75	13,333	6,000	0.45	4.01
20	20	15,276	5,041	0.33	3.66	14,941	4,931	0.33	3.84	14,539	4,798	0.33	4.10
22	16	13,266	8,623	0.65	3.49	12,864	8,362	0.65	3.68	12,462	8,100	0.65	3.90
22	18	14,204	7,528	0.53	3.55	13,802	7,315	0.53	3.75	13,333	7,066	0.53	4.01
22	20	15,276	6,263	0.41	3.66	14,941	6,126	0.41	3.84	14,539	5,961	0.41	4.10
24	16	13,266	9,684	0.73	3.49	12,864	9,391	0.73	3.68	12,462	9,097	0.73	3.90
24	18	14,204	8,664	0.61	3.55	13,802	8,419	0.61	3.75	13,333	8,133	0.61	4.01
24	20	15,276	7,485	0.49	3.66	14,941	7,321	0.49	3.84	14,539	7,124	0.49	4.10
24	22	16,281	6,024	0.37	3.75	15,946	5,900	0.37	3.97	15,544	5,751	0.37	4.23
26	16	13,266	10,745	0.81	3.49	12,864	10,420	0.81	3.68	12,462	10,094	0.81	3.90
26	18	14,204	9,801	0.69	3.55	13,802	9,523	0.69	3.75	13,333	9,200	0.69	4.01
26	20	15,276	8,707	0.57	3.66	14,941	8,516	0.57	3.84	14,539	8,287	0.57	4.10
26	22	16,281	7,326	0.45	3.75	15,946	7,176	0.45	3.97	15,544	6,995	0.45	4.23
27	16	13,266	11,276	0.85	3.49	12,864	10,934	0.85	3.68	12,462	10,593	0.85	3.90
27	18	14,204	10,369	0.73	3.55	13,802	10,075	0.73	3.75	13,333	9,733	0.73	4.01
27	20	15,276	9,318	0.61	3.66	14,941	9,114	0.61	3.84	14,539	8,869	0.61	4.10
27	22	16,281	7,978	0.49	3.75	15,946	7,814	0.49	3.97	15,544	7,617	0.49	4.23
28	16	13,266	11,807	0.89	3.49	12,864	11,449	0.89	3.68	12,462	11,091	0.89	3.90
28	18	14,204	10,937	0.77	3.55	13,802	10,628	0.77	3.75	13,333	10,266	0.77	4.01
28	20	15,276	9,929	0.65	3.66	14,941	9,712	0.65	3.84	14,539	9,450	0.65	4.10
28	22	16,281	8,629	0.53	3.75	15,946	8,451	0.53	3.97	15,544	8,238	0.53	4.23
30	16	13,266	12,868	0.97	3.49	12,864	12,478	0.97	3.68	12,462	12,088	0.97	3.90
30	18	14,204	12,073	0.85	3.55	13,802	11,732	0.85	3.75	13,333	11,333	0.85	4.01
30	20	15,276	11,151	0.73	3.66	14,941	10,907	0.73	3.84	14,539	10,613	0.73	4.10
30	22	16,281	9,931	0.61	3.75	15,946	9,727	0.61	3.97	15,544	9,482	0.61	4.23
32	16	13,266	13,266	1.00	3.49	12,864	12,864	1.00	3.68	12,462	12,462	1.00	3.90
32	18	14,204	13,210	0.93	3.55	13,802	12,836	0.93	3.75	13,333	12,400	0.93	4.01
32	20	15,276	12,374	0.81	3.66	14,941	12,102	0.81	3.84	14,539	11,777	0.81	4.10
32	22	16,281	11,234	0.69	3.75	15,946	11,003	0.69	3.97	15,544	10,725	0.69	4.23
34	16	13,266	13,266	1.00	3.49	12,864	12,864	1.00	3.68	12,462	12,462	1.00	3.90
34	18	14,204	14,204	1.00	3.55	13,802	13,802	1.00	3.75	13,333	13,333	1.00	4.01
34	20	15,276	13,596	0.89	3.66	14,941	13,297	0.89	3.84	14,539	12,940	0.89	4.10
34	22	16,281	12,536	0.77	3.75	15,946	12,278	0.77	3.97	15,544	11,969	0.77	4.23

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	6,798	0.57	4.19	11,390	6,492	0.57	4.49	10,854	6,187	0.57	4.86
20	18	12,864	5,789	0.45	4.29	12,462	5,608	0.45	4.62	11,658	5,246	0.45	4.97
20	20	13,936	4,599	0.33	4.40	13,400	4,422	0.33	4.71	12,596	4,157	0.33	5.06
22	16	11,926	7,752	0.65	4.19	11,390	7,404	0.65	4.49	10,854	7,055	0.65	4.86
22	18	12,864	6,818	0.53	4.29	12,462	6,605	0.53	4.62	11,658	6,179	0.53	4.97
22	20	13,936	5,714	0.41	4.40	13,400	5,494	0.41	4.71	12,596	5,164	0.41	5.06
24	16	11,926	8,706	0.73	4.19	11,390	8,315	0.73	4.49	10,854	7,923	0.73	4.86
24	18	12,864	7,847	0.61	4.29	12,462	7,602	0.61	4.62	11,658	7,111	0.61	4.97
24	20	13,936	6,829	0.49	4.40	13,400	6,566	0.49	4.71	12,596	6,172	0.49	5.06
24	22	15,008	5,553	0.37	4.49	14,472	5,355	0.37	4.84	13,668	5,057	0.37	5.14
26	16	11,926	9,660	0.81	4.19	11,390	9,226	0.81	4.49	10,854	8,792	0.81	4.86
26	18	12,864	8,876	0.69	4.29	12,462	8,599	0.69	4.62	11,658	8,044	0.69	4.97
26	20	13,936	7,944	0.57	4.40	13,400	7,638	0.57	4.71	12,596	7,180	0.57	5.06
26	22	15,008	6,754	0.45	4.49	14,472	6,512	0.45	4.84	13,668	6,151	0.45	5.14
27	16	11,926	10,137	0.85	4.19	11,390	9,682	0.85	4.49	10,854	9,226	0.85	4.86
27	18	12,864	9,391	0.73	4.29	12,462	9,097	0.73	4.62	11,658	8,510	0.73	4.97
27	20	13,936	8,501	0.61	4.40	13,400	8,174	0.61	4.71	12,596	7,684	0.61	5.06
27	22	15,008	7,354	0.49	4.49	14,472	7,091	0.49	4.84	13,668	6,697	0.49	5.14
28	16	11,926	10,614	0.89	4.19	11,390	10,137	0.89	4.49	10,854	9,660	0.89	4.86
28	18	12,864	9,905	0.77	4.29	12,462	9,596	0.77	4.62	11,658	8,977	0.77	4.97
28	20	13,936	9,058	0.65	4.40	13,400	8,710	0.65	4.71	12,596	8,187	0.65	5.06
28	22	15,008	7,954	0.53	4.49	14,472	7,670	0.53	4.84	13,668	7,244	0.53	5.14
30	16	11,926	11,568	0.97	4.19	11,390	11,048	0.97	4.49	10,854	10,528	0.97	4.86
30	18	12,864	10,934	0.85	4.29	12,462	10,593	0.85	4.62	11,658	9,909	0.85	4.97
30	20	13,936	10,173	0.73	4.40	13,400	9,782	0.73	4.71	12,596	9,195	0.73	5.06
30	22	15,008	9,155	0.61	4.49	14,472	8,828	0.61	4.84	13,668	8,337	0.61	5.14
32	16	11,926	11,926	1.00	4.19	11,390	11,390	1.00	4.49	10,854	10,854	1.00	4.86
32	18	12,864	11,964	0.93	4.29	12,462	11,590	0.93	4.62	11,658	10,842	0.93	4.97
32	20	13,936	11,288	0.81	4.40	13,400	10,854	0.81	4.71	12,596	10,203	0.81	5.06
32	22	15,008	10,356	0.69	4.49	14,472	9,986	0.69	4.84	13,668	9,431	0.69	5.14
34	16	11,926	11,926	1.00	4.19	11,390	11,390	1.00	4.49	10,854	10,854	1.00	4.86
34	18	12,864	12,864	1.00	4.29	12,462	12,462	1.00	4.62	11,658	11,658	1.00	4.97
34	20	13,936	12,403	0.89	4.40	13,400	11,926	0.89	4.71	12,596	11,210	0.89	5.06
34	22	15,008	11,556	0.77	4.49	14,472	11,143	0.77	4.84	13,668	10,524	0.77	5.14

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M35EA / PUHZ-ZRP35VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,637	0.74	0.66	3,456	2,557	0.74	0.70	3,348	2,478	0.74	0.74
20	18	3,816	2,366	0.62	0.68	3,708	2,299	0.62	0.71	3,582	2,221	0.62	0.76
20	20	4,104	2,052	0.50	0.70	4,014	2,007	0.50	0.73	3,906	1,953	0.50	0.78
22	16	3,564	2,922	0.82	0.66	3,456	2,834	0.82	0.70	3,348	2,745	0.82	0.74
22	18	3,816	2,671	0.70	0.68	3,708	2,596	0.70	0.71	3,582	2,507	0.70	0.76
22	20	4,104	2,380	0.58	0.70	4,014	2,328	0.58	0.73	3,906	2,265	0.58	0.78
24	16	3,564	3,208	0.90	0.66	3,456	3,110	0.90	0.70	3,348	3,013	0.90	0.74
24	18	3,816	2,976	0.78	0.68	3,708	2,892	0.78	0.71	3,582	2,794	0.78	0.76
24	20	4,104	2,709	0.66	0.70	4,014	2,649	0.66	0.73	3,906	2,578	0.66	0.78
24	22	4,374	2,362	0.54	0.71	4,284	2,313	0.54	0.76	4,176	2,255	0.54	0.81
26	16	3,564	3,493	0.98	0.66	3,456	3,387	0.98	0.70	3,348	3,281	0.98	0.74
26	18	3,816	3,282	0.86	0.68	3,708	3,189	0.86	0.71	3,582	3,081	0.86	0.76
26	20	4,104	3,037	0.74	0.70	4,014	2,970	0.74	0.73	3,906	2,890	0.74	0.78
26	22	4,374	2,712	0.62	0.71	4,284	2,656	0.62	0.76	4,176	2,589	0.62	0.81
27	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.70	3,348	3,348	1.00	0.74
27	18	3,816	3,434	0.90	0.68	3,708	3,337	0.90	0.71	3,582	3,224	0.90	0.76
27	20	4,104	3,201	0.78	0.70	4,014	3,131	0.78	0.73	3,906	3,047	0.78	0.78
27	22	4,374	2,887	0.66	0.71	4,284	2,827	0.66	0.76	4,176	2,756	0.66	0.81
28	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.70	3,348	3,348	1.00	0.74
28	18	3,816	3,587	0.94	0.68	3,708	3,486	0.94	0.71	3,582	3,367	0.94	0.76
28	20	4,104	3,365	0.82	0.70	4,014	3,291	0.82	0.73	3,906	3,203	0.82	0.78
28	22	4,374	3,062	0.70	0.71	4,284	2,999	0.70	0.76	4,176	2,923	0.70	0.81
30	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.70	3,348	3,348	1.00	0.74
30	18	3,816	3,816	1.00	0.68	3,708	3,708	1.00	0.71	3,582	3,582	1.00	0.76
30	20	4,104	3,694	0.90	0.70	4,014	3,613	0.90	0.73	3,906	3,515	0.90	0.78
30	22	4,374	3,412	0.78	0.71	4,284	3,342	0.78	0.76	4,176	3,257	0.78	0.81
32	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.70	3,348	3,348	1.00	0.74
32	18	3,816	3,816	1.00	0.68	3,708	3,708	1.00	0.71	3,582	3,582	1.00	0.76
32	20	4,104	4,022	0.98	0.70	4,014	3,934	0.98	0.73	3,906	3,828	0.98	0.78
32	22	4,374	3,762	0.86	0.71	4,284	3,684	0.86	0.76	4,176	3,591	0.86	0.81
34	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.70	3,348	3,348	1.00	0.74
34	18	3,816	3,816	1.00	0.68	3,708	3,708	1.00	0.71	3,582	3,582	1.00	0.76
34	20	4,104	4,104	1.00	0.70	4,014	4,014	1.00	0.73	3,906	3,906	1.00	0.78
34	22	4,374	4,112	0.94	0.71	4,284	4,027	0.94	0.76	4,176	3,925	0.94	0.81

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,371	0.74	0.80	3,060	2,264	0.74	0.85	2,916	2,158	0.74	0.93
20	18	3,456	2,143	0.62	0.82	3,348	2,076	0.62	0.88	3,132	1,942	0.62	0.95
20	20	3,744	1,872	0.50	0.84	3,600	1,800	0.50	0.90	3,384	1,692	0.50	0.96
22	16	3,204	2,627	0.82	0.80	3,060	2,509	0.82	0.85	2,916	2,391	0.82	0.93
22	18	3,456	2,419	0.70	0.82	3,348	2,344	0.70	0.88	3,132	2,192	0.70	0.95
22	20	3,744	2,172	0.58	0.84	3,600	2,088	0.58	0.90	3,384	1,963	0.58	0.96
24	16	3,204	2,884	0.90	0.80	3,060	2,754	0.90	0.85	2,916	2,624	0.90	0.93
24	18	3,456	2,696	0.78	0.82	3,348	2,611	0.78	0.88	3,132	2,443	0.78	0.95
24	20	3,744	2,471	0.66	0.84	3,600	2,376	0.66	0.90	3,384	2,233	0.66	0.96
24	22	4,032	2,177	0.54	0.85	3,888	2,100	0.54	0.92	3,672	1,983	0.54	0.98
26	16	3,204	3,140	0.98	0.80	3,060	2,999	0.98	0.85	2,916	2,858	0.98	0.93
26	18	3,456	2,972	0.86	0.82	3,348	2,879	0.86	0.88	3,132	2,694	0.86	0.95
26	20	3,744	2,771	0.74	0.84	3,600	2,664	0.74	0.90	3,384	2,504	0.74	0.96
26	22	4,032	2,500	0.62	0.85	3,888	2,411	0.62	0.92	3,672	2,277	0.62	0.98
27	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.85	2,916	2,916	1.00	0.93
27	18	3,456	3,110	0.90	0.82	3,348	3,013	0.90	0.88	3,132	2,819	0.90	0.95
27	20	3,744	2,920	0.78	0.84	3,600	2,808	0.78	0.90	3,384	2,640	0.78	0.96
27	22	4,032	2,661	0.66	0.85	3,888	2,566	0.66	0.92	3,672	2,424	0.66	0.98
28	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.85	2,916	2,916	1.00	0.93
28	18	3,456	3,249	0.94	0.82	3,348	3,147	0.94	0.88	3,132	2,944	0.94	0.95
28	20	3,744	3,070	0.82	0.84	3,600	2,952	0.82	0.90	3,384	2,775	0.82	0.96
28	22	4,032	2,822	0.70	0.85	3,888	2,722	0.70	0.92	3,672	2,570	0.70	0.98
30	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.85	2,916	2,916	1.00	0.93
30	18	3,456	3,456	1.00	0.82	3,348	3,348	1.00	0.88	3,132	3,132	1.00	0.95
30	20	3,744	3,370	0.90	0.84	3,600	3,240	0.90	0.90	3,384	3,046	0.90	0.96
30	22	4,032	3,145	0.78	0.85	3,888	3,033	0.78	0.92	3,672	2,864	0.78	0.98
32	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.85	2,916	2,916	1.00	0.93
32	18	3,456	3,456	1.00	0.82	3,348	3,348	1.00	0.88	3,132	3,132	1.00	0.95
32	20	3,744	3,669	0.98	0.84	3,600	3,528	0.98	0.90	3,384	3,316	0.98	0.96
32	22	4,032	3,468	0.86	0.85	3,888	3,344	0.86	0.92	3,672	3,158	0.86	0.98
34	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.85	2,916	2,916	1.00	0.93
34	18	3,456	3,456	1.00	0.82	3,348	3,348	1.00	0.88	3,132	3,132	1.00	0.95
34	20	3,744	3,744	1.00	0.84	3,600	3,600	1.00	0.90	3,384	3,384	1.00	0.96
34	22	4,032	3,790	0.94	0.85	3,888	3,655	0.94	0.92	3,672	3,452	0.94	0.98

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M50EA / PUHZ-ZRP50VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,515	0.71	1.14	4,800	3,408	0.71	1.20	4,650	3,302	0.71	1.27
20	18	5,300	3,127	0.59	1.16	5,150	3,039	0.59	1.22	4,975	2,935	0.59	1.31
20	20	5,700	2,679	0.47	1.19	5,575	2,620	0.47	1.25	5,425	2,550	0.47	1.33
22	16	4,950	3,911	0.79	1.14	4,800	3,792	0.79	1.20	4,650	3,674	0.79	1.27
22	18	5,300	3,551	0.67	1.16	5,150	3,451	0.67	1.22	4,975	3,333	0.67	1.31
22	20	5,700	3,135	0.55	1.19	5,575	3,066	0.55	1.25	5,425	2,984	0.55	1.33
24	16	4,950	4,307	0.87	1.14	4,800	4,176	0.87	1.20	4,650	4,046	0.87	1.27
24	18	5,300	3,975	0.75	1.16	5,150	3,863	0.75	1.22	4,975	3,731	0.75	1.31
24	20	5,700	3,591	0.63	1.19	5,575	3,512	0.63	1.25	5,425	3,418	0.63	1.33
24	22	6,075	3,098	0.51	1.22	5,950	3,035	0.51	1.29	5,800	2,958	0.51	1.38
26	16	4,950	4,703	0.95	1.14	4,800	4,560	0.95	1.20	4,650	4,418	0.95	1.27
26	18	5,300	4,399	0.83	1.16	5,150	4,275	0.83	1.22	4,975	4,129	0.83	1.31
26	20	5,700	4,047	0.71	1.19	5,575	3,958	0.71	1.25	5,425	3,852	0.71	1.33
26	22	6,075	3,584	0.59	1.22	5,950	3,511	0.59	1.29	5,800	3,422	0.59	1.38
27	16	4,950	4,901	0.99	1.14	4,800	4,752	0.99	1.20	4,650	4,604	0.99	1.27
27	18	5,300	4,611	0.87	1.16	5,150	4,481	0.87	1.22	4,975	4,328	0.87	1.31
27	20	5,700	4,275	0.75	1.19	5,575	4,181	0.75	1.25	5,425	4,069	0.75	1.33
27	22	6,075	3,827	0.63	1.22	5,950	3,749	0.63	1.29	5,800	3,654	0.63	1.38
28	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
28	18	5,300	4,823	0.91	1.16	5,150	4,687	0.91	1.22	4,975	4,527	0.91	1.31
28	20	5,700	4,503	0.79	1.19	5,575	4,404	0.79	1.25	5,425	4,286	0.79	1.33
28	22	6,075	4,070	0.67	1.22	5,950	3,987	0.67	1.29	5,800	3,886	0.67	1.38
30	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
30	18	5,300	5,247	0.99	1.16	5,150	5,099	0.99	1.22	4,975	4,925	0.99	1.31
30	20	5,700	4,959	0.87	1.19	5,575	4,850	0.87	1.25	5,425	4,720	0.87	1.33
30	22	6,075	4,556	0.75	1.22	5,950	4,463	0.75	1.29	5,800	4,350	0.75	1.38
32	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
32	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
32	20	5,700	5,415	0.95	1.19	5,575	5,296	0.95	1.25	5,425	5,154	0.95	1.33
32	22	6,075	5,042	0.83	1.22	5,950	4,939	0.83	1.29	5,800	4,814	0.83	1.38
34	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
34	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
34	20	5,700	5,700	1.00	1.19	5,575	5,575	1.00	1.25	5,425	5,425	1.00	1.33
34	22	6,075	5,528	0.91	1.22	5,950	5,415	0.91	1.29	5,800	5,278	0.91	1.38

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,160	0.71	1.36	4,250	3,018	0.71	1.46	4,050	2,876	0.71	1.58
20	18	4,800	2,832	0.59	1.40	4,650	2,744	0.59	1.51	4,350	2,567	0.59	1.62
20	20	5,200	2,444	0.47	1.43	5,000	2,350	0.47	1.53	4,700	2,209	0.47	1.65
22	16	4,450	3,516	0.79	1.36	4,250	3,358	0.79	1.46	4,050	3,200	0.79	1.58
22	18	4,800	3,216	0.67	1.40	4,650	3,116	0.67	1.51	4,350	2,915	0.67	1.62
22	20	5,200	2,860	0.55	1.43	5,000	2,750	0.55	1.53	4,700	2,585	0.55	1.65
24	16	4,450	3,872	0.87	1.36	4,250	3,698	0.87	1.46	4,050	3,524	0.87	1.58
24	18	4,800	3,600	0.75	1.40	4,650	3,488	0.75	1.51	4,350	3,263	0.75	1.62
24	20	5,200	3,276	0.63	1.43	5,000	3,150	0.63	1.53	4,700	2,961	0.63	1.65
24	22	5,600	2,856	0.51	1.46	5,400	2,754	0.51	1.58	5,100	2,601	0.51	1.68
26	16	4,450	4,228	0.95	1.36	4,250	4,038	0.95	1.46	4,050	3,848	0.95	1.58
26	18	4,800	3,984	0.83	1.40	4,650	3,860	0.83	1.51	4,350	3,611	0.83	1.62
26	20	5,200	3,692	0.71	1.43	5,000	3,550	0.71	1.53	4,700	3,337	0.71	1.65
26	22	5,600	3,304	0.59	1.46	5,400	3,186	0.59	1.58	5,100	3,009	0.59	1.68
27	16	4,450	4,406	0.99	1.36	4,250	4,208	0.99	1.46	4,050	4,010	0.99	1.58
27	18	4,800	4,176	0.87	1.40	4,650	4,046	0.87	1.51	4,350	3,785	0.87	1.62
27	20	5,200	3,900	0.75	1.43	5,000	3,750	0.75	1.53	4,700	3,525	0.75	1.65
27	22	5,600	3,528	0.63	1.46	5,400	3,402	0.63	1.58	5,100	3,213	0.63	1.68
28	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
28	18	4,800	4,368	0.91	1.40	4,650	4,232	0.91	1.51	4,350	3,959	0.91	1.62
28	20	5,200	4,108	0.79	1.43	5,000	3,950	0.79	1.53	4,700	3,713	0.79	1.65
28	22	5,600	3,752	0.67	1.46	5,400	3,618	0.67	1.58	5,100	3,417	0.67	1.68
30	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
30	18	4,800	4,752	0.99	1.40	4,650	4,604	0.99	1.51	4,350	4,307	0.99	1.62
30	20	5,200	4,524	0.87	1.43	5,000	4,350	0.87	1.53	4,700	4,089	0.87	1.65
30	22	5,600	4,200	0.75	1.46	5,400	4,050	0.75	1.58	5,100	3,825	0.75	1.68
32	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
32	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
32	20	5,200	4,940	0.95	1.43	5,000	4,750	0.95	1.53	4,700	4,465	0.95	1.65
32	22	5,600	4,648	0.83	1.46	5,400	4,482	0.83	1.58	5,100	4,233	0.83	1.68
34	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
34	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
34	20	5,200	5,200	1.00	1.43	5,000	5,000	1.00	1.53	4,700	4,700	1.00	1.65
34	22	5,600	5,096	0.91	1.46	5,400	4,914	0.91	1.58	5,100	4,641	0.91	1.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M60EA / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,046	0.67	1.40	5,856	3,924	0.67	1.48	5,673	3,801	0.67	1.57
20	18	6,466	3,556	0.55	1.43	6,283	3,456	0.55	1.51	6,070	3,338	0.55	1.61
20	20	6,954	2,990	0.43	1.47	6,802	2,925	0.43	1.54	6,619	2,846	0.43	1.65
22	16	6,039	4,529	0.75	1.40	5,856	4,392	0.75	1.48	5,673	4,255	0.75	1.57
22	18	6,466	4,074	0.63	1.43	6,283	3,958	0.63	1.51	6,070	3,824	0.63	1.61
22	20	6,954	3,547	0.51	1.47	6,802	3,469	0.51	1.54	6,619	3,375	0.51	1.65
24	16	6,039	5,012	0.83	1.40	5,856	4,860	0.83	1.48	5,673	4,709	0.83	1.57
24	18	6,466	4,591	0.71	1.43	6,283	4,461	0.71	1.51	6,070	4,309	0.71	1.61
24	20	6,954	4,103	0.59	1.47	6,802	4,013	0.59	1.54	6,619	3,905	0.59	1.65
24	22	7,412	3,483	0.47	1.51	7,259	3,412	0.47	1.59	7,076	3,326	0.47	1.70
26	16	6,039	5,495	0.91	1.40	5,856	5,329	0.91	1.48	5,673	5,162	0.91	1.57
26	18	6,466	5,108	0.79	1.43	6,283	4,964	0.79	1.51	6,070	4,795	0.79	1.61
26	20	6,954	4,659	0.67	1.47	6,802	4,557	0.67	1.54	6,619	4,434	0.67	1.65
26	22	7,412	4,076	0.55	1.51	7,259	3,992	0.55	1.59	7,076	3,892	0.55	1.70
27	16	6,039	5,737	0.95	1.40	5,856	5,563	0.95	1.48	5,673	5,389	0.95	1.57
27	18	6,466	5,367	0.83	1.43	6,283	5,215	0.83	1.51	6,070	5,038	0.83	1.61
27	20	6,954	4,937	0.71	1.47	6,802	4,829	0.71	1.54	6,619	4,699	0.71	1.65
27	22	7,412	4,373	0.59	1.51	7,259	4,283	0.59	1.59	7,076	4,175	0.59	1.70
28	16	6,039	5,979	0.99	1.40	5,856	5,797	0.99	1.48	5,673	5,616	0.99	1.57
28	18	6,466	5,625	0.87	1.43	6,283	5,466	0.87	1.51	6,070	5,280	0.87	1.61
28	20	6,954	5,216	0.75	1.47	6,802	5,101	0.75	1.54	6,619	4,964	0.75	1.65
28	22	7,412	4,669	0.63	1.51	7,259	4,573	0.63	1.59	7,076	4,458	0.63	1.70
30	16	6,039	6,039	1.00	1.40	5,856	5,856	1.00	1.48	5,673	5,673	1.00	1.57
30	18	6,466	6,143	0.95	1.43	6,283	5,969	0.95	1.51	6,070	5,766	0.95	1.61
30	20	6,954	5,772	0.83	1.47	6,802	5,645	0.83	1.54	6,619	5,493	0.83	1.65
30	22	7,412	5,262	0.71	1.51	7,259	5,154	0.71	1.59	7,076	5,024	0.71	1.70
32	16	6,039	6,039	1.00	1.40	5,856	5,856	1.00	1.48	5,673	5,673	1.00	1.57
32	18	6,466	6,466	1.00	1.43	6,283	6,283	1.00	1.51	6,070	6,070	1.00	1.61
32	20	6,954	6,328	0.91	1.47	6,802	6,189	0.91	1.54	6,619	6,023	0.91	1.65
32	22	7,412	5,855	0.79	1.51	7,259	5,735	0.79	1.59	7,076	5,590	0.79	1.70
34	16	6,039	6,039	1.00	1.40	5,856	5,856	1.00	1.48	5,673	5,673	1.00	1.57
34	18	6,466	6,466	1.00	1.43	6,283	6,283	1.00	1.51	6,070	6,070	1.00	1.61
34	20	6,954	6,884	0.99	1.47	6,802	6,733	0.99	1.54	6,619	6,552	0.99	1.65
34	22	7,412	6,448	0.87	1.51	7,259	6,315	0.87	1.59	7,076	6,156	0.87	1.70

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,637	0.67	1.68	5,185	3,474	0.67	1.80	4,941	3,310	0.67	1.95
20	18	5,856	3,221	0.55	1.72	5,673	3,120	0.55	1.86	5,307	2,919	0.55	2.00
20	20	6,344	2,728	0.43	1.77	6,100	2,623	0.43	1.89	5,734	2,466	0.43	2.03
22	16	5,429	4,072	0.75	1.68	5,185	3,889	0.75	1.80	4,941	3,706	0.75	1.95
22	18	5,856	3,689	0.63	1.72	5,673	3,574	0.63	1.86	5,307	3,343	0.63	2.00
22	20	6,344	3,235	0.51	1.77	6,100	3,111	0.51	1.89	5,734	2,924	0.51	2.03
24	16	5,429	4,506	0.83	1.68	5,185	4,304	0.83	1.80	4,941	4,101	0.83	1.95
24	18	5,856	4,158	0.71	1.72	5,673	4,028	0.71	1.86	5,307	3,768	0.71	2.00
24	20	6,344	3,743	0.59	1.77	6,100	3,599	0.59	1.89	5,734	3,383	0.59	2.03
24	22	6,832	3,211	0.47	1.80	6,588	3,096	0.47	1.94	6,222	2,924	0.47	2.07
26	16	5,429	4,940	0.91	1.68	5,185	4,718	0.91	1.80	4,941	4,496	0.91	1.95
26	18	5,856	4,626	0.79	1.72	5,673	4,482	0.79	1.86	5,307	4,193	0.79	2.00
26	20	6,344	4,250	0.67	1.77	6,100	4,087	0.67	1.89	5,734	3,842	0.67	2.03
26	22	6,832	3,758	0.55	1.80	6,588	3,623	0.55	1.94	6,222	3,422	0.55	2.07
27	16	5,429	5,158	0.95	1.68	5,185	4,926	0.95	1.80	4,941	4,694	0.95	1.95
27	18	5,856	4,860	0.83	1.72	5,673	4,709	0.83	1.86	5,307	4,405	0.83	2.00
27	20	6,344	4,504	0.71	1.77	6,100	4,331	0.71	1.89	5,734	4,071	0.71	2.03
27	22	6,832	4,031	0.59	1.80	6,588	3,887	0.59	1.94	6,222	3,671	0.59	2.07
28	16	5,429	5,375	0.99	1.68	5,185	5,133	0.99	1.80	4,941	4,892	0.99	1.95
28	18	5,856	5,095	0.87	1.72	5,673	4,936	0.87	1.86	5,307	4,617	0.87	2.00
28	20	6,344	4,758	0.75	1.77	6,100	4,575	0.75	1.89	5,734	4,301	0.75	2.03
28	22	6,832	4,304	0.63	1.80	6,588	4,150	0.63	1.94	6,222	3,920	0.63	2.07
30	16	5,429	5,429	1.00	1.68	5,185	5,185	1.00	1.80	4,941	4,941	1.00	1.95
30	18	5,856	5,563	0.95	1.72	5,673	5,389	0.95	1.86	5,307	5,042	0.95	2.00
30	20	6,344	5,266	0.83	1.77	6,100	5,063	0.83	1.89	5,734	4,759	0.83	2.03
30	22	6,832	4,851	0.71	1.80	6,588	4,677	0.71	1.94	6,222	4,418	0.71	2.07
32	16	5,429	5,429	1.00	1.68	5,185	5,185	1.00	1.80	4,941	4,941	1.00	1.95
32	18	5,856	5,856	1.00	1.72	5,673	5,673	1.00	1.86	5,307	5,307	1.00	2.00
32	20	6,344	5,773	0.91	1.77	6,100	5,551	0.91	1.89	5,734	5,218	0.91	2.03
32	22	6,832	5,397	0.79	1.80	6,588	5,205	0.79	1.94	6,222	4,915	0.79	2.07
34	16	5,429	5,429	1.00	1.68	5,185	5,185	1.00	1.80	4,941	4,941	1.00	1.95
34	18	5,856	5,856	1.00	1.72	5,673	5,673	1.00	1.86	5,307	5,307	1.00	2.00
34	20	6,344	6,281	0.99	1.77	6,100	6,039	0.99	1.89	5,734	5,677	0.99	2.03
34	22	6,832	5,944	0.87	1.80	6,588	5,732	0.87	1.94	6,222	5,413	0.87	2.07

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M71EA / PUHZ-ZRP71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,428	0.63	1.50	6,816	4,294	0.63	1.58	6,603	4,160	0.63	1.67
20	18	7,526	3,838	0.51	1.52	7,313	3,730	0.51	1.61	7,065	3,603	0.51	1.72
20	20	8,094	3,157	0.39	1.57	7,917	3,087	0.39	1.65	7,704	3,004	0.39	1.76
22	16	7,029	4,991	0.71	1.50	6,816	4,839	0.71	1.58	6,603	4,688	0.71	1.67
22	18	7,526	4,440	0.59	1.52	7,313	4,315	0.59	1.61	7,065	4,168	0.59	1.72
22	20	8,094	3,804	0.47	1.57	7,917	3,721	0.47	1.65	7,704	3,621	0.47	1.76
24	16	7,029	5,553	0.79	1.50	6,816	5,385	0.79	1.58	6,603	5,216	0.79	1.67
24	18	7,526	5,042	0.67	1.52	7,313	4,900	0.67	1.61	7,065	4,733	0.67	1.72
24	20	8,094	4,452	0.55	1.57	7,917	4,354	0.55	1.65	7,704	4,237	0.55	1.76
24	22	8,627	3,709	0.43	1.61	8,449	3,633	0.43	1.70	8,236	3,541	0.43	1.81
26	16	7,029	6,115	0.87	1.50	6,816	5,930	0.87	1.58	6,603	5,745	0.87	1.67
26	18	7,526	5,645	0.75	1.52	7,313	5,485	0.75	1.61	7,065	5,298	0.75	1.72
26	20	8,094	5,099	0.63	1.57	7,917	4,987	0.63	1.65	7,704	4,853	0.63	1.76
26	22	8,627	4,400	0.51	1.61	8,449	4,309	0.51	1.70	8,236	4,200	0.51	1.81
27	16	7,029	6,396	0.91	1.50	6,816	6,203	0.91	1.58	6,603	6,009	0.91	1.67
27	18	7,526	5,946	0.79	1.52	7,313	5,777	0.79	1.61	7,065	5,581	0.79	1.72
27	20	8,094	5,423	0.67	1.57	7,917	5,304	0.67	1.65	7,704	5,161	0.67	1.76
27	22	8,627	4,745	0.55	1.61	8,449	4,647	0.55	1.70	8,236	4,530	0.55	1.81
28	16	7,029	6,678	0.95	1.50	6,816	6,475	0.95	1.58	6,603	6,273	0.95	1.67
28	18	7,526	6,247	0.83	1.52	7,313	6,070	0.83	1.61	7,065	5,864	0.83	1.72
28	20	8,094	5,747	0.71	1.57	7,917	5,621	0.71	1.65	7,704	5,469	0.71	1.76
28	22	8,627	5,090	0.59	1.61	8,449	4,985	0.59	1.70	8,236	4,859	0.59	1.81
30	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.58	6,603	6,603	1.00	1.67
30	18	7,526	6,849	0.91	1.52	7,313	6,655	0.91	1.61	7,065	6,429	0.91	1.72
30	20	8,094	6,394	0.79	1.57	7,917	6,254	0.79	1.65	7,704	6,086	0.79	1.76
30	22	8,627	5,780	0.67	1.61	8,449	5,661	0.67	1.70	8,236	5,518	0.67	1.81
32	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.58	6,603	6,603	1.00	1.67
32	18	7,526	7,451	0.99	1.52	7,313	7,240	0.99	1.61	7,065	6,994	0.99	1.72
32	20	8,094	7,042	0.87	1.57	7,917	6,887	0.87	1.65	7,704	6,702	0.87	1.76
32	22	8,627	6,470	0.75	1.61	8,449	6,337	0.75	1.70	8,236	6,177	0.75	1.81
34	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.58	6,603	6,603	1.00	1.67
34	18	7,526	7,526	1.00	1.52	7,313	7,313	1.00	1.61	7,065	7,065	1.00	1.72
34	20	8,094	7,689	0.95	1.57	7,917	7,521	0.95	1.65	7,704	7,318	0.95	1.76
34	22	8,627	7,160	0.83	1.61	8,449	7,013	0.83	1.70	8,236	6,836	0.83	1.81

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	3,981	0.63	1.80	6,035	3,802	0.63	1.93	5,751	3,623	0.63	2.09
20	18	6,816	3,476	0.51	1.84	6,603	3,368	0.51	1.98	6,177	3,150	0.51	2.13
20	20	7,384	2,880	0.39	1.89	7,100	2,769	0.39	2.02	6,674	2,603	0.39	2.17
22	16	6,319	4,486	0.71	1.80	6,035	4,285	0.71	1.93	5,751	4,083	0.71	2.09
22	18	6,816	4,021	0.59	1.84	6,603	3,896	0.59	1.98	6,177	3,644	0.59	2.13
22	20	7,384	3,470	0.47	1.89	7,100	3,337	0.47	2.02	6,674	3,137	0.47	2.17
24	16	6,319	4,992	0.79	1.80	6,035	4,768	0.79	1.93	5,751	4,543	0.79	2.09
24	18	6,816	4,567	0.67	1.84	6,603	4,424	0.67	1.98	6,177	4,139	0.67	2.13
24	20	7,384	4,061	0.55	1.89	7,100	3,905	0.55	2.02	6,674	3,671	0.55	2.17
24	22	7,952	3,419	0.43	1.93	7,668	3,297	0.43	2.08	7,242	3,114	0.43	2.21
26	16	6,319	5,498	0.87	1.80	6,035	5,250	0.87	1.93	5,751	5,003	0.87	2.09
26	18	6,816	5,112	0.75	1.84	6,603	4,952	0.75	1.98	6,177	4,633	0.75	2.13
26	20	7,384	4,652	0.63	1.89	7,100	4,473	0.63	2.02	6,674	4,205	0.63	2.17
26	22	7,952	4,056	0.51	1.93	7,668	3,911	0.51	2.08	7,242	3,693	0.51	2.21
27	16	6,319	5,750	0.91	1.80	6,035	5,492	0.91	1.93	5,751	5,233	0.91	2.09
27	18	6,816	5,385	0.79	1.84	6,603	5,216	0.79	1.98	6,177	4,880	0.79	2.13
27	20	7,384	4,947	0.67	1.89	7,100	4,757	0.67	2.02	6,674	4,472	0.67	2.17
27	22	7,952	4,374	0.55	1.93	7,668	4,217	0.55	2.08	7,242	3,983	0.55	2.21
28	16	6,319	6,003	0.95	1.80	6,035	5,733	0.95	1.93	5,751	5,463	0.95	2.09
28	18	6,816	5,657	0.83	1.84	6,603	5,480	0.83	1.98	6,177	5,127	0.83	2.13
28	20	7,384	5,243	0.71	1.89	7,100	5,041	0.71	2.02	6,674	4,739	0.71	2.17
28	22	7,952	4,692	0.59	1.93	7,668	4,524	0.59	2.08	7,242	4,273	0.59	2.21
30	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.93	5,751	5,751	1.00	2.09
30	18	6,816	6,203	0.91	1.84	6,603	6,009	0.91	1.98	6,177	5,621	0.91	2.13
30	20	7,384	5,833	0.79	1.89	7,100	5,609	0.79	2.02	6,674	5,272	0.79	2.17
30	22	7,952	5,328	0.67	1.93	7,668	5,138	0.67	2.08	7,242	4,852	0.67	2.21
32	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.93	5,751	5,751	1.00	2.09
32	18	6,816	6,748	0.99	1.84	6,603	6,537	0.99	1.98	6,177	6,115	0.99	2.13
32	20	7,384	6,424	0.87	1.89	7,100	6,177	0.87	2.02	6,674	5,806	0.87	2.17
32	22	7,952	5,964	0.75	1.93	7,668	5,751	0.75	2.08	7,242	5,432	0.75	2.21
34	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.93	5,751	5,751	1.00	2.09
34	18	6,816	6,816	1.00	1.84	6,603	6,603	1.00	1.98	6,177	6,177	1.00	2.13
34	20	7,384	7,015	0.95	1.89	7,100	6,745	0.95	2.02	6,674	6,340	0.95	2.17
34	22	7,952	6,600	0.83	1.93	7,668	6,364	0.83	2.08	7,242	6,011	0.83	2.21

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M100EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,019	0.64	1.78	9,120	5,837	0.64	1.88	8,835	5,654	0.64	2.00
20	18	10,070	5,236	0.52	1.82	9,785	5,088	0.52	1.92	9,453	4,915	0.52	2.05
20	20	10,830	4,332	0.40	1.87	10,593	4,237	0.40	1.96	10,308	4,123	0.40	2.10
22	16	9,405	6,772	0.72	1.78	9,120	6,566	0.72	1.88	8,835	6,361	0.72	2.00
22	18	10,070	6,042	0.60	1.82	9,785	5,871	0.60	1.92	9,453	5,672	0.60	2.05
22	20	10,830	5,198	0.48	1.87	10,593	5,084	0.48	1.96	10,308	4,948	0.48	2.10
24	16	9,405	7,524	0.80	1.78	9,120	7,296	0.80	1.88	8,835	7,068	0.80	2.00
24	18	10,070	6,848	0.68	1.82	9,785	6,654	0.68	1.92	9,453	6,428	0.68	2.05
24	20	10,830	6,065	0.56	1.87	10,593	5,932	0.56	1.96	10,308	5,772	0.56	2.10
24	22	11,543	5,079	0.44	1.92	11,305	4,974	0.44	2.03	11,020	4,849	0.44	2.16
26	16	9,405	8,276	0.88	1.78	9,120	8,026	0.88	1.88	8,835	7,775	0.88	2.00
26	18	10,070	7,653	0.76	1.82	9,785	7,437	0.76	1.92	9,453	7,184	0.76	2.05
26	20	10,830	6,931	0.64	1.87	10,593	6,779	0.64	1.96	10,308	6,597	0.64	2.10
26	22	11,543	6,002	0.52	1.92	11,305	5,879	0.52	2.03	11,020	5,730	0.52	2.16
27	16	9,405	8,653	0.92	1.78	9,120	8,390	0.92	1.88	8,835	8,128	0.92	2.00
27	18	10,070	8,056	0.80	1.82	9,785	7,828	0.80	1.92	9,453	7,562	0.80	2.05
27	20	10,830	7,364	0.68	1.87	10,593	7,203	0.68	1.96	10,308	7,009	0.68	2.10
27	22	11,543	6,464	0.56	1.92	11,305	6,331	0.56	2.03	11,020	6,171	0.56	2.16
28	16	9,405	9,029	0.96	1.78	9,120	8,755	0.96	1.88	8,835	8,482	0.96	2.00
28	18	10,070	8,459	0.84	1.82	9,785	8,219	0.84	1.92	9,453	7,940	0.84	2.05
28	20	10,830	7,798	0.72	1.87	10,593	7,627	0.72	1.96	10,308	7,421	0.72	2.10
28	22	11,543	6,926	0.60	1.92	11,305	6,783	0.60	2.03	11,020	6,612	0.60	2.16
30	16	9,405	9,405	1.00	1.78	9,120	9,120	1.00	1.88	8,835	8,835	1.00	2.00
30	18	10,070	9,264	0.92	1.82	9,785	9,002	0.92	1.92	9,453	8,696	0.92	2.05
30	20	10,830	8,664	0.80	1.87	10,593	8,474	0.80	1.96	10,308	8,246	0.80	2.10
30	22	11,543	7,849	0.68	1.92	11,305	7,687	0.68	2.03	11,020	7,494	0.68	2.16
32	16	9,405	9,405	1.00	1.78	9,120	9,120	1.00	1.88	8,835	8,835	1.00	2.00
32	18	10,070	10,070	1.00	1.82	9,785	9,785	1.00	1.92	9,453	9,453	1.00	2.05
32	20	10,830	9,530	0.88	1.87	10,593	9,321	0.88	1.96	10,308	9,071	0.88	2.10
32	22	11,543	8,772	0.76	1.92	11,305	8,592	0.76	2.03	11,020	8,375	0.76	2.16
34	16	9,405	9,405	1.00	1.78	9,120	9,120	1.00	1.88	8,835	8,835	1.00	2.00
34	18	10,070	10,070	1.00	1.82	9,785	9,785	1.00	1.92	9,453	9,453	1.00	2.05
34	20	10,830	10,397	0.96	1.87	10,593	10,169	0.96	1.96	10,308	9,895	0.96	2.10
34	22	11,543	9,696	0.84	1.92	11,305	9,496	0.84	2.03	11,020	9,257	0.84	2.16

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,411	0.64	2.14	8,075	5,168	0.64	2.30	7,695	4,925	0.64	2.49
20	18	9,120	4,742	0.52	2.20	8,835	4,594	0.52	2.36	8,265	4,298	0.52	2.54
20	20	9,880	3,952	0.40	2.25	9,500	3,800	0.40	2.41	8,930	3,572	0.40	2.59
22	16	8,455	6,088	0.72	2.14	8,075	5,814	0.72	2.30	7,695	5,540	0.72	2.49
22	18	9,120	5,472	0.60	2.20	8,835	5,301	0.60	2.36	8,265	4,959	0.60	2.54
22	20	9,880	4,742	0.48	2.25	9,500	4,560	0.48	2.41	8,930	4,286	0.48	2.59
24	16	8,455	6,764	0.80	2.14	8,075	6,460	0.80	2.30	7,695	6,156	0.80	2.49
24	18	9,120	6,202	0.68	2.20	8,835	6,008	0.68	2.36	8,265	5,620	0.68	2.54
24	20	9,880	5,533	0.56	2.25	9,500	5,320	0.56	2.41	8,930	5,001	0.56	2.59
24	22	10,640	4,682	0.44	2.30	10,260	4,514	0.44	2.48	9,690	4,264	0.44	2.63
26	16	8,455	7,440	0.88	2.14	8,075	7,106	0.88	2.30	7,695	6,772	0.88	2.49
26	18	9,120	6,931	0.76	2.20	8,835	6,715	0.76	2.36	8,265	6,281	0.76	2.54
26	20	9,880	6,323	0.64	2.25	9,500	6,080	0.64	2.41	8,930	5,715	0.64	2.59
26	22	10,640	5,533	0.52	2.30	10,260	5,335	0.52	2.48	9,690	5,039	0.52	2.63
27	16	8,455	7,779	0.92	2.14	8,075	7,429	0.92	2.30	7,695	7,079	0.92	2.49
27	18	9,120	7,296	0.80	2.20	8,835	7,068	0.80	2.36	8,265	6,612	0.80	2.54
27	20	9,880	6,718	0.68	2.25	9,500	6,460	0.68	2.41	8,930	6,072	0.68	2.59
27	22	10,640	5,958	0.56	2.30	10,260	5,746	0.56	2.48	9,690	5,426	0.56	2.63
28	16	8,455	8,117	0.96	2.14	8,075	7,752	0.96	2.30	7,695	7,387	0.96	2.49
28	18	9,120	7,661	0.84	2.20	8,835	7,421	0.84	2.36	8,265	6,943	0.84	2.54
28	20	9,880	7,114	0.72	2.25	9,500	6,840	0.72	2.41	8,930	6,430	0.72	2.59
28	22	10,640	6,384	0.60	2.30	10,260	6,156	0.60	2.48	9,690	5,814	0.60	2.63
30	16	8,455	8,455	1.00	2.14	8,075	8,075	1.00	2.30	7,695	7,695	1.00	2.49
30	18	9,120	8,390	0.92	2.20	8,835	8,128	0.92	2.36	8,265	7,604	0.92	2.54
30	20	9,880	7,904	0.80	2.25	9,500	7,600	0.80	2.41	8,930	7,144	0.80	2.59
30	22	10,640	7,235	0.68	2.30	10,260	6,977	0.68	2.48	9,690	6,589	0.68	2.63
32	16	8,455	8,455	1.00	2.14	8,075	8,075	1.00	2.30	7,695	7,695	1.00	2.49
32	18	9,120	9,120	1.00	2.20	8,835	8,835	1.00	2.36	8,265	8,265	1.00	2.54
32	20	9,880	8,694	0.88	2.25	9,500	8,360	0.88	2.41	8,930	7,858	0.88	2.59
32	22	10,640	8,086	0.76	2.30	10,260	7,798	0.76	2.48	9,690	7,364	0.76	2.63
34	16	8,455	8,455	1.00	2.14	8,075	8,075	1.00	2.30	7,695	7,695	1.00	2.49
34	18	9,120	9,120	1.00	2.20	8,835	8,835	1.00	2.36	8,265	8,265	1.00	2.54
34	20	9,880	9,485	0.96	2.25	9,500	9,120	0.96	2.41	8,930	8,573	0.96	2.59
34	22	10,640	8,938	0.84	2.30	10,260	8,618	0.84	2.48	9,690	8,140	0.84	2.63

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M125EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,549	0.61	3.10	12,000	7,320	0.61	3.27	11,625	7,091	0.61	3.46
20	18	13,250	6,493	0.49	3.15	12,875	6,309	0.49	3.33	12,438	6,094	0.49	3.56
20	20	14,250	5,273	0.37	3.25	13,938	5,157	0.37	3.41	13,563	5,018	0.37	3.64
22	16	12,375	8,539	0.69	3.10	12,000	8,280	0.69	3.27	11,625	8,021	0.69	3.46
22	18	13,250	7,553	0.57	3.15	12,875	7,339	0.57	3.33	12,438	7,089	0.57	3.56
22	20	14,250	6,413	0.45	3.25	13,938	6,272	0.45	3.41	13,563	6,103	0.45	3.64
24	16	12,375	9,529	0.77	3.10	12,000	9,240	0.77	3.27	11,625	8,951	0.77	3.46
24	18	13,250	8,613	0.65	3.15	12,875	8,369	0.65	3.33	12,438	8,084	0.65	3.56
24	20	14,250	7,553	0.53	3.25	13,938	7,387	0.53	3.41	13,563	7,188	0.53	3.64
24	22	15,188	6,227	0.41	3.33	14,875	6,099	0.41	3.52	14,500	5,945	0.41	3.75
26	16	12,375	10,519	0.85	3.10	12,000	10,200	0.85	3.27	11,625	9,881	0.85	3.46
26	18	13,250	9,673	0.73	3.15	12,875	9,399	0.73	3.33	12,438	9,079	0.73	3.56
26	20	14,250	8,693	0.61	3.25	13,938	8,502	0.61	3.41	13,563	8,273	0.61	3.64
26	22	15,188	7,442	0.49	3.33	14,875	7,289	0.49	3.52	14,500	7,105	0.49	3.75
27	16	12,375	11,014	0.89	3.10	12,000	10,680	0.89	3.27	11,625	10,346	0.89	3.46
27	18	13,250	10,203	0.77	3.15	12,875	9,914	0.77	3.33	12,438	9,577	0.77	3.56
27	20	14,250	9,263	0.65	3.25	13,938	9,059	0.65	3.41	13,563	8,816	0.65	3.64
27	22	15,188	8,049	0.53	3.33	14,875	7,884	0.53	3.52	14,500	7,685	0.53	3.75
28	16	12,375	11,509	0.93	3.10	12,000	11,160	0.93	3.27	11,625	10,811	0.93	3.46
28	18	13,250	10,733	0.81	3.15	12,875	10,429	0.81	3.33	12,438	10,074	0.81	3.56
28	20	14,250	9,833	0.69	3.25	13,938	9,617	0.69	3.41	13,563	9,358	0.69	3.64
28	22	15,188	8,657	0.57	3.33	14,875	8,479	0.57	3.52	14,500	8,265	0.57	3.75
30	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.46
30	18	13,250	11,793	0.89	3.15	12,875	11,459	0.89	3.33	12,438	11,069	0.89	3.56
30	20	14,250	10,973	0.77	3.25	13,938	10,732	0.77	3.41	13,563	10,443	0.77	3.64
30	22	15,188	9,872	0.65	3.33	14,875	9,669	0.65	3.52	14,500	9,425	0.65	3.75
32	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.46
32	18	13,250	12,853	0.97	3.15	12,875	12,489	0.97	3.33	12,438	12,064	0.97	3.56
32	20	14,250	12,113	0.85	3.25	13,938	11,847	0.85	3.41	13,563	11,528	0.85	3.64
32	22	15,188	11,087	0.73	3.33	14,875	10,859	0.73	3.52	14,500	10,585	0.73	3.75
34	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.46
34	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.56
34	20	14,250	13,253	0.93	3.25	13,938	12,962	0.93	3.41	13,563	12,613	0.93	3.64
34	22	15,188	12,302	0.81	3.33	14,875	12,049	0.81	3.52	14,500	11,745	0.81	3.75

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,786	0.61	3.72	10,625	6,481	0.61	3.99	10,125	6,176	0.61	4.32
20	18	12,000	5,880	0.49	3.81	11,625	5,696	0.49	4.10	10,875	5,329	0.49	4.41
20	20	13,000	4,810	0.37	3.91	12,500	4,625	0.37	4.18	11,750	4,348	0.37	4.49
22	16	11,125	7,676	0.69	3.72	10,625	7,331	0.69	3.99	10,125	6,986	0.69	4.32
22	18	12,000	6,840	0.57	3.81	11,625	6,626	0.57	4.10	10,875	6,199	0.57	4.41
22	20	13,000	5,850	0.45	3.91	12,500	5,625	0.45	4.18	11,750	5,288	0.45	4.49
24	16	11,125	8,566	0.77	3.72	10,625	8,181	0.77	3.99	10,125	7,796	0.77	4.32
24	18	12,000	7,800	0.65	3.81	11,625	7,556	0.65	4.10	10,875	7,069	0.65	4.41
24	20	13,000	6,890	0.53	3.91	12,500	6,625	0.53	4.18	11,750	6,228	0.53	4.49
24	22	14,000	5,740	0.41	3.99	13,500	5,535	0.41	4.30	12,750	5,228	0.41	4.57
26	16	11,125	9,456	0.85	3.72	10,625	9,031	0.85	3.99	10,125	8,606	0.85	4.32
26	18	12,000	8,760	0.73	3.81	11,625	8,486	0.73	4.10	10,875	7,939	0.73	4.41
26	20	13,000	7,930	0.61	3.91	12,500	7,625	0.61	4.18	11,750	7,168	0.61	4.49
26	22	14,000	6,860	0.49	3.99	13,500	6,615	0.49	4.30	12,750	6,248	0.49	4.57
27	16	11,125	9,901	0.89	3.72	10,625	9,456	0.89	3.99	10,125	9,011	0.89	4.32
27	18	12,000	9,240	0.77	3.81	11,625	8,951	0.77	4.10	10,875	8,374	0.77	4.41
27	20	13,000	8,450	0.65	3.91	12,500	8,125	0.65	4.18	11,750	7,638	0.65	4.49
27	22	14,000	7,420	0.53	3.99	13,500	7,155	0.53	4.30	12,750	6,758	0.53	4.57
28	16	11,125	10,346	0.93	3.72	10,625	9,881	0.93	3.99	10,125	9,416	0.93	4.32
28	18	12,000	9,720	0.81	3.81	11,625	9,416	0.81	4.10	10,875	8,809	0.81	4.41
28	20	13,000	8,970	0.69	3.91	12,500	8,625	0.69	4.18	11,750	8,108	0.69	4.49
28	22	14,000	7,980	0.57	3.99	13,500	7,695	0.57	4.30	12,750	7,268	0.57	4.57
30	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
30	18	12,000	10,680	0.89	3.81	11,625	10,346	0.89	4.10	10,875	9,679	0.89	4.41
30	20	13,000	10,010	0.77	3.91	12,500	9,625	0.77	4.18	11,750	9,048	0.77	4.49
30	22	14,000	9,100	0.65	3.99	13,500	8,775	0.65	4.30	12,750	8,288	0.65	4.57
32	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
32	18	12,000	11,640	0.97	3.81	11,625	11,276	0.97	4.10	10,875	10,549	0.97	4.41
32	20	13,000	11,050	0.85	3.91	12,500	10,625	0.85	4.18	11,750	9,988	0.85	4.49
32	22	14,000	10,220	0.73	3.99	13,500	9,855	0.73	4.30	12,750	9,308	0.73	4.57
34	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
34	18	12,000	12,000	1.00	3.81	11,625	11,625	1.00	4.10	10,875	10,875	1.00	4.41
34	20	13,000	12,090	0.93	3.91	12,500	11,625	0.93	4.18	11,750	10,928	0.93	4.49
34	22	14,000	11,340	0.81	3.99	13,500	10,935	0.81	4.30	12,750	10,328	0.81	4.57

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M140EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,225	0.62	3.51	12,864	7,976	0.62	3.71	12,462	7,726	0.62	3.93
20	18	14,204	7,102	0.50	3.58	13,802	6,901	0.50	3.78	13,333	6,667	0.50	4.04
20	20	15,276	5,805	0.38	3.69	14,941	5,678	0.38	3.86	14,539	5,525	0.38	4.13
22	16	13,266	9,286	0.70	3.51	12,864	9,005	0.70	3.71	12,462	8,723	0.70	3.93
22	18	14,204	8,238	0.58	3.58	13,802	8,005	0.58	3.78	13,333	7,733	0.58	4.04
22	20	15,276	7,027	0.46	3.69	14,941	6,873	0.46	3.86	14,539	6,688	0.46	4.13
24	16	13,266	10,347	0.78	3.51	12,864	10,034	0.78	3.71	12,462	9,720	0.78	3.93
24	18	14,204	9,375	0.66	3.58	13,802	9,109	0.66	3.78	13,333	8,800	0.66	4.04
24	20	15,276	8,249	0.54	3.69	14,941	8,068	0.54	3.86	14,539	7,851	0.54	4.13
24	22	16,281	6,838	0.42	3.78	15,946	6,697	0.42	3.99	15,544	6,528	0.42	4.26
26	16	13,266	11,409	0.86	3.51	12,864	11,063	0.86	3.71	12,462	10,717	0.86	3.93
26	18	14,204	10,511	0.74	3.58	13,802	10,213	0.74	3.78	13,333	9,866	0.74	4.04
26	20	15,276	9,471	0.62	3.69	14,941	9,263	0.62	3.86	14,539	9,014	0.62	4.13
26	22	16,281	8,141	0.50	3.78	15,946	7,973	0.50	3.99	15,544	7,772	0.50	4.26
27	16	13,266	11,939	0.90	3.51	12,864	11,578	0.90	3.71	12,462	11,216	0.90	3.93
27	18	14,204	11,079	0.78	3.58	13,802	10,766	0.78	3.78	13,333	10,400	0.78	4.04
27	20	15,276	10,082	0.66	3.69	14,941	9,861	0.66	3.86	14,539	9,596	0.66	4.13
27	22	16,281	8,792	0.54	3.78	15,946	8,611	0.54	3.99	15,544	8,394	0.54	4.26
28	16	13,266	12,470	0.94	3.51	12,864	12,092	0.94	3.71	12,462	11,714	0.94	3.93
28	18	14,204	11,647	0.82	3.58	13,802	11,318	0.82	3.78	13,333	10,933	0.82	4.04
28	20	15,276	10,693	0.70	3.69	14,941	10,459	0.70	3.86	14,539	10,177	0.70	4.13
28	22	16,281	9,443	0.58	3.78	15,946	9,249	0.58	3.99	15,544	9,016	0.58	4.26
30	16	13,266	13,266	1.00	3.51	12,864	12,864	1.00	3.71	12,462	12,462	1.00	3.93
30	18	14,204	12,784	0.90	3.58	13,802	12,422	0.90	3.78	13,333	12,000	0.90	4.04
30	20	15,276	11,915	0.78	3.69	14,941	11,654	0.78	3.86	14,539	11,340	0.78	4.13
30	22	16,281	10,745	0.66	3.78	15,946	10,524	0.66	3.99	15,544	10,259	0.66	4.26
32	16	13,266	13,266	1.00	3.51	12,864	12,864	1.00	3.71	12,462	12,462	1.00	3.93
32	18	14,204	13,920	0.98	3.58	13,802	13,526	0.98	3.78	13,333	13,066	0.98	4.04
32	20	15,276	13,137	0.86	3.69	14,941	12,849	0.86	3.86	14,539	12,504	0.86	4.13
32	22	16,281	12,048	0.74	3.78	15,946	11,800	0.74	3.99	15,544	11,503	0.74	4.26
34	16	13,266	13,266	1.00	3.51	12,864	12,864	1.00	3.71	12,462	12,462	1.00	3.93
34	18	14,204	14,204	1.00	3.58	13,802	13,802	1.00	3.78	13,333	13,333	1.00	4.04
34	20	15,276	14,359	0.94	3.69	14,941	14,045	0.94	3.86	14,539	13,667	0.94	4.13
34	22	16,281	13,350	0.82	3.78	15,946	13,076	0.82	3.99	15,544	12,746	0.82	4.26

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,394	0.62	4.21	11,390	7,062	0.62	4.52	10,854	6,729	0.62	4.89
20	18	12,864	6,432	0.50	4.32	12,462	6,231	0.50	4.65	11,658	5,829	0.50	5.00
20	20	13,936	5,296	0.38	4.43	13,400	5,092	0.38	4.74	12,596	4,786	0.38	5.09
22	16	11,926	8,348	0.70	4.21	11,390	7,973	0.70	4.52	10,854	7,598	0.70	4.89
22	18	12,864	7,461	0.58	4.32	12,462	7,228	0.58	4.65	11,658	6,762	0.58	5.00
22	20	13,936	6,411	0.46	4.43	13,400	6,164	0.46	4.74	12,596	5,794	0.46	5.09
24	16	11,926	9,302	0.78	4.21	11,390	8,884	0.78	4.52	10,854	8,466	0.78	4.89
24	18	12,864	8,490	0.66	4.32	12,462	8,225	0.66	4.65	11,658	7,694	0.66	5.00
24	20	13,936	7,525	0.54	4.43	13,400	7,236	0.54	4.74	12,596	6,802	0.54	5.09
24	22	15,008	6,303	0.42	4.52	14,472	6,078	0.42	4.87	13,668	5,741	0.42	5.18
26	16	11,926	10,256	0.86	4.21	11,390	9,795	0.86	4.52	10,854	9,334	0.86	4.89
26	18	12,864	9,519	0.74	4.32	12,462	9,222	0.74	4.65	11,658	8,627	0.74	5.00
26	20	13,936	8,640	0.62	4.43	13,400	8,308	0.62	4.74	12,596	7,810	0.62	5.09
26	22	15,008	7,504	0.50	4.52	14,472	7,236	0.50	4.87	13,668	6,834	0.50	5.18
27	16	11,926	10,733	0.90	4.21	11,390	10,251	0.90	4.52	10,854	9,769	0.90	4.89
27	18	12,864	10,034	0.78	4.32	12,462	9,720	0.78	4.65	11,658	9,093	0.78	5.00
27	20	13,936	9,198	0.66	4.43	13,400	8,844	0.66	4.74	12,596	8,313	0.66	5.09
27	22	15,008	8,104	0.54	4.52	14,472	7,815	0.54	4.87	13,668	7,381	0.54	5.18
28	16	11,926	11,210	0.94	4.21	11,390	10,707	0.94	4.52	10,854	10,203	0.94	4.89
28	18	12,864	10,548	0.82	4.32	12,462	10,219	0.82	4.65	11,658	9,560	0.82	5.00
28	20	13,936	9,755	0.70	4.43	13,400	9,380	0.70	4.74	12,596	8,817	0.70	5.09
28	22	15,008	8,705	0.58	4.52	14,472	8,394	0.58	4.87	13,668	7,927	0.58	5.18
30	16	11,926	11,926	1.00	4.21	11,390	11,390	1.00	4.52	10,854	10,854	1.00	4.89
30	18	12,864	11,578	0.90	4.32	12,462	11,216	0.90	4.65	11,658	10,492	0.90	5.00
30	20	13,936	10,870	0.78	4.43	13,400	10,452	0.78	4.74	12,596	9,825	0.78	5.09
30	22	15,008	9,905	0.66	4.52	14,472	9,552	0.66	4.87	13,668	9,021	0.66	5.18
32	16	11,926	11,926	1.00	4.21	11,390	11,390	1.00	4.52	10,854	10,854	1.00	4.89
32	18	12,864	12,607	0.98	4.32	12,462	12,213	0.98	4.65	11,658	11,425	0.98	5.00
32	20	13,936	11,985	0.86	4.43	13,400	11,524	0.86	4.74	12,596	10,833	0.86	5.09
32	22	15,008	11,106	0.74	4.52	14,472	10,709	0.74	4.87	13,668	10,114	0.74	5.18
34	16	11,926	11,926	1.00	4.21	11,390	11,390	1.00	4.52	10,854	10,854	1.00	4.89
34	18	12,864	12,864	1.00	4.32	12,462	12,462	1.00	4.65	11,658	11,658	1.00	5.00
34	20	13,936	13,100	0.94	4.43	13,400	12,596	0.94	4.74	12,596	11,840	0.94	5.09
34	22	15,008	12,307	0.82	4.52	14,472	11,867	0.82	4.87	13,668	11,208	0.82	5.18

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-ZM71EA / PUHZ-FRP71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,428	0.63	1.50	6,816	4,294	0.63	1.59	6,603	4,160	0.63	1.68
20	18	7,526	3,838	0.51	1.53	7,313	3,730	0.51	1.62	7,065	3,603	0.51	1.73
20	20	8,094	3,157	0.39	1.58	7,917	3,087	0.39	1.65	7,704	3,004	0.39	1.77
22	16	7,029	4,991	0.71	1.50	6,816	4,839	0.71	1.59	6,603	4,688	0.71	1.68
22	18	7,526	4,440	0.59	1.53	7,313	4,315	0.59	1.62	7,065	4,168	0.59	1.73
22	20	8,094	3,804	0.47	1.58	7,917	3,721	0.47	1.65	7,704	3,621	0.47	1.77
24	16	7,029	5,553	0.79	1.50	6,816	5,385	0.79	1.59	6,603	5,216	0.79	1.68
24	18	7,526	5,042	0.67	1.53	7,313	4,900	0.67	1.62	7,065	4,733	0.67	1.73
24	20	8,094	4,452	0.55	1.58	7,917	4,354	0.55	1.65	7,704	4,237	0.55	1.77
24	22	8,627	3,709	0.43	1.62	8,449	3,633	0.43	1.71	8,236	3,541	0.43	1.82
26	16	7,029	6,115	0.87	1.50	6,816	5,930	0.87	1.59	6,603	5,745	0.87	1.68
26	18	7,526	5,645	0.75	1.53	7,313	5,485	0.75	1.62	7,065	5,298	0.75	1.73
26	20	8,094	5,099	0.63	1.58	7,917	4,987	0.63	1.65	7,704	4,853	0.63	1.77
26	22	8,627	4,400	0.51	1.62	8,449	4,309	0.51	1.71	8,236	4,200	0.51	1.82
27	16	7,029	6,396	0.91	1.50	6,816	6,203	0.91	1.59	6,603	6,009	0.91	1.68
27	18	7,526	5,946	0.79	1.53	7,313	5,777	0.79	1.62	7,065	5,581	0.79	1.73
27	20	8,094	5,423	0.67	1.58	7,917	5,304	0.67	1.65	7,704	5,161	0.67	1.77
27	22	8,627	4,745	0.55	1.62	8,449	4,647	0.55	1.71	8,236	4,530	0.55	1.82
28	16	7,029	6,678	0.95	1.50	6,816	6,475	0.95	1.59	6,603	6,273	0.95	1.68
28	18	7,526	6,247	0.83	1.53	7,313	6,070	0.83	1.62	7,065	5,864	0.83	1.73
28	20	8,094	5,747	0.71	1.58	7,917	5,621	0.71	1.65	7,704	5,469	0.71	1.77
28	22	8,627	5,090	0.59	1.62	8,449	4,985	0.59	1.71	8,236	4,859	0.59	1.82
30	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
30	18	7,526	6,849	0.91	1.53	7,313	6,655	0.91	1.62	7,065	6,429	0.91	1.73
30	20	8,094	6,394	0.79	1.58	7,917	6,254	0.79	1.65	7,704	6,086	0.79	1.77
30	22	8,627	5,780	0.67	1.62	8,449	5,661	0.67	1.71	8,236	5,518	0.67	1.82
32	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
32	18	7,526	7,451	0.99	1.53	7,313	7,240	0.99	1.62	7,065	6,994	0.99	1.73
32	20	8,094	7,042	0.87	1.58	7,917	6,887	0.87	1.65	7,704	6,702	0.87	1.77
32	22	8,627	6,470	0.75	1.62	8,449	6,337	0.75	1.71	8,236	6,177	0.75	1.82
34	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
34	18	7,526	7,526	1.00	1.53	7,313	7,313	1.00	1.62	7,065	7,065	1.00	1.73
34	20	8,094	7,689	0.95	1.58	7,917	7,521	0.95	1.65	7,704	7,318	0.95	1.77
34	22	8,627	7,160	0.83	1.62	8,449	7,013	0.83	1.71	8,236	6,836	0.83	1.82

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	3,981	0.63	1.80	6,035	3,802	0.63	1.94	5,751	3,623	0.63	2.10
20	18	6,816	3,476	0.51	1.85	6,603	3,368	0.51	1.99	6,177	3,150	0.51	2.14
20	20	7,384	2,880	0.39	1.90	7,100	2,769	0.39	2.03	6,674	2,603	0.39	2.18
22	16	6,319	4,486	0.71	1.80	6,035	4,285	0.71	1.94	5,751	4,083	0.71	2.10
22	18	6,816	4,021	0.59	1.85	6,603	3,896	0.59	1.99	6,177	3,644	0.59	2.14
22	20	7,384	3,470	0.47	1.90	7,100	3,337	0.47	2.03	6,674	3,137	0.47	2.18
24	16	6,319	4,992	0.79	1.80	6,035	4,768	0.79	1.94	5,751	4,543	0.79	2.10
24	18	6,816	4,567	0.67	1.85	6,603	4,424	0.67	1.99	6,177	4,139	0.67	2.14
24	20	7,384	4,061	0.55	1.90	7,100	3,905	0.55	2.03	6,674	3,671	0.55	2.18
24	22	7,952	3,419	0.43	1.94	7,668	3,297	0.43	2.09	7,242	3,114	0.43	2.22
26	16	6,319	5,498	0.87	1.80	6,035	5,250	0.87	1.94	5,751	5,003	0.87	2.10
26	18	6,816	5,112	0.75	1.85	6,603	4,952	0.75	1.99	6,177	4,633	0.75	2.14
26	20	7,384	4,652	0.63	1.90	7,100	4,473	0.63	2.03	6,674	4,205	0.63	2.18
26	22	7,952	4,056	0.51	1.94	7,668	3,911	0.51	2.09	7,242	3,693	0.51	2.22
27	16	6,319	5,750	0.91	1.80	6,035	5,492	0.91	1.94	5,751	5,233	0.91	2.10
27	18	6,816	5,385	0.79	1.85	6,603	5,216	0.79	1.99	6,177	4,880	0.79	2.14
27	20	7,384	4,947	0.67	1.90	7,100	4,757	0.67	2.03	6,674	4,472	0.67	2.18
27	22	7,952	4,374	0.55	1.94	7,668	4,217	0.55	2.09	7,242	3,983	0.55	2.22
28	16	6,319	6,003	0.95	1.80	6,035	5,733	0.95	1.94	5,751	5,463	0.95	2.10
28	18	6,816	5,657	0.83	1.85	6,603	5,480	0.83	1.99	6,177	5,127	0.83	2.14
28	20	7,384	5,243	0.71	1.90	7,100	5,041	0.71	2.03	6,674	4,739	0.71	2.18
28	22	7,952	4,692	0.59	1.94	7,668	4,524	0.59	2.09	7,242	4,273	0.59	2.22
30	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
30	18	6,816	6,203	0.91	1.85	6,603	6,009	0.91	1.99	6,177	5,621	0.91	2.14
30	20	7,384	5,833	0.79	1.90	7,100	5,609	0.79	2.03	6,674	5,272	0.79	2.18
30	22	7,952	5,328	0.67	1.94	7,668	5,138	0.67	2.09	7,242	4,852	0.67	2.22
32	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
32	18	6,816	6,748	0.99	1.85	6,603	6,537	0.99	1.99	6,177	6,115	0.99	2.14
32	20	7,384	6,424	0.87	1.90	7,100	6,177	0.87	2.03	6,674	5,806	0.87	2.18
32	22	7,952	5,964	0.75	1.94	7,668	5,751	0.75	2.09	7,242	5,432	0.75	2.22
34	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
34	18	6,816	6,816	1.00	1.85	6,603	6,603	1.00	1.99	6,177	6,177	1.00	2.14
34	20	7,384	7,015	0.95	1.90	7,100	6,745	0.95	2.03	6,674	6,340	0.95	2.18
34	22	7,952	6,600	0.83	1.94	7,668	6,364	0.83	2.09	7,242	6,011	0.83	2.22

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M35EA / SUZ-KA35VA6

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	4,315	1.02	0.816	4,050	4,131	1.02	0.857	3,888	3,966	1.02	0.898	3,744	3,819	1.02	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	4,484	1.06	0.816	4,050	4,293	1.06	0.857	3,888	4,121	1.06	0.898	3,744	3,969	1.06	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	4,653	1.10	0.816	4,050	4,455	1.10	0.857	3,888	4,277	1.10	0.898	3,744	4,118	1.10	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M35EA / SUZ-KA35VA6**

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	3,599	1.02	1.000	3,240	3,305	1.02	1.061	2,988	3,048	1.02	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	3,740	1.06	1.000	3,240	3,434	1.06	1.061	2,988	3,167	1.06	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	3,881	1.10	1.000	3,240	3,564	1.10	1.061	2,988	3,287	1.10	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M50EA / SUZ-KA50VA6

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,463	4,071	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	3,554	0.55	1.433	6,270	3,449	0.55	1.465	6,050	3,328	0.55	1.530
22	22	7,013	3,015	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	4,588	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	4,071	0.63	1.433	6,270	3,950	0.63	1.465	6,050	3,812	0.63	1.530
24	22	7,013	3,576	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	4,588	0.71	1.433	6,270	4,452	0.71	1.465	6,050	4,296	0.71	1.530
26	22	7,013	4,137	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	5,622	0.87	1.288	6,188	5,383	0.87	1.352	5,940	5,168	0.87	1.417	5,720	4,976	0.87	1.481
27	20	6,738	5,053	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	5,105	0.79	1.433	6,270	4,953	0.79	1.465	6,050	4,780	0.79	1.530
28	22	7,013	4,698	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	6,139	0.95	1.288	6,188	5,878	0.95	1.352	5,940	5,643	0.95	1.417	5,720	5,434	0.95	1.481
29	20	6,738	5,592	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	5,622	0.87	1.433	6,270	5,455	0.87	1.465	6,050	5,264	0.87	1.530
30	22	7,013	5,259	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	6,656	1.03	1.288	6,188	6,373	1.03	1.352	5,940	6,118	1.03	1.417	5,720	5,892	1.03	1.481
31	20	6,738	6,131	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	6,915	1.07	1.288	6,188	6,621	1.07	1.352	5,940	6,356	1.07	1.417	5,720	6,120	1.07	1.481
32	20	6,738	6,401	0.95	1.352	6,463	6,139	0.95	1.433	6,270	5,957	0.95	1.465	6,050	5,748	0.95	1.530
32	22	7,013	5,820	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M50EA / SUZ-KA50VA6**

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	5,552	1.03	1.578	4,950	5,099	1.03	1.674	4,565	4,702	1.03	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	5,767	1.07	1.578	4,950	5,297	1.07	1.674	4,565	4,885	1.07	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M60EA / SUZ-KA60VA6

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	3,885	0.58	1.408	6,413	3,719	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	4,152	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	3,491	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	4,420	0.66	1.408	6,413	4,232	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	3,052	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	4,688	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	4,152	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	4,608	0.66	1.478	6,698	4,420	0.66	1.566	6,498	4,289	0.66	1.602	6,270	4,138	0.66	1.672
26	22	7,268	3,924	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	5,258	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	4,688	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	4,956	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	5,771	0.90	1.478	6,156	5,540	0.90	1.549	5,928	5,335	0.90	1.619
29	20	6,983	5,446	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	5,087	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	6,284	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	6,831	1.02	1.408	6,413	6,541	1.02	1.478	6,156	6,279	1.02	1.549	5,928	6,047	1.02	1.619
32	20	6,983	6,284	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M60EA / SUZ-KA60VA6**

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	5,698	1.02	1.725	5,130	5,233	1.02	1.830	4,731	4,826	1.02	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M71EA / SUZ-KA71VA6

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,588	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	3,168	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	3,530	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	5,589	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	4,588	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	5,479	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	6,310	0.79	1.764	7,668	6,058	0.79	1.848	7,384	5,833	0.79	1.932
27	20	8,698	5,827	0.67	1.764	8,343	5,589	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	6,924	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	6,175	0.71	1.764	8,343	5,923	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	6,949	0.87	1.764	7,668	6,671	0.87	1.848	7,384	6,424	0.87	1.932
29	20	8,698	6,523	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	6,065	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	7,925	0.95	1.680	7,988	7,588	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	6,924	0.83	1.869	8,094	6,718	0.83	1.911	7,810	6,482	0.83	1.995
31	22	9,053	6,427	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	8,259	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	6,789	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-M71EA / SUZ-KA71VA6**

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M100EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,235	0.67	2.54	9,024	6,046	0.67	2.69	8,742	5,857	0.67	2.85
20	18	9,964	5,480	0.55	2.59	9,682	5,325	0.55	2.73	9,353	5,144	0.55	2.93
20	20	10,716	4,608	0.43	2.67	10,481	4,507	0.43	2.80	10,199	4,386	0.43	2.99
22	16	9,306	6,980	0.75	2.54	9,024	6,768	0.75	2.69	8,742	6,557	0.75	2.85
22	18	9,964	6,277	0.63	2.59	9,682	6,100	0.63	2.73	9,353	5,892	0.63	2.93
22	20	10,716	5,465	0.51	2.67	10,481	5,345	0.51	2.80	10,199	5,201	0.51	2.99
24	16	9,306	7,724	0.83	2.54	9,024	7,490	0.83	2.69	8,742	7,256	0.83	2.85
24	18	9,964	7,074	0.71	2.59	9,682	6,874	0.71	2.73	9,353	6,641	0.71	2.93
24	20	10,716	6,322	0.59	2.67	10,481	6,184	0.59	2.80	10,199	6,017	0.59	2.99
24	22	11,421	5,368	0.47	2.73	11,186	5,257	0.47	2.89	10,904	5,125	0.47	3.08
26	16	9,306	8,468	0.91	2.54	9,024	8,212	0.91	2.69	8,742	7,955	0.91	2.85
26	18	9,964	7,872	0.79	2.59	9,682	7,649	0.79	2.73	9,353	7,389	0.79	2.93
26	20	10,716	7,180	0.67	2.67	10,481	7,022	0.67	2.80	10,199	6,833	0.67	2.99
26	22	11,421	6,282	0.55	2.73	11,186	6,152	0.55	2.89	10,904	5,997	0.55	3.08
27	16	9,306	8,841	0.95	2.54	9,024	8,573	0.95	2.69	8,742	8,305	0.95	2.85
27	18	9,964	8,270	0.83	2.59	9,682	8,036	0.83	2.73	9,353	7,763	0.83	2.93
27	20	10,716	7,608	0.71	2.67	10,481	7,442	0.71	2.80	10,199	7,241	0.71	2.99
27	22	11,421	6,738	0.59	2.73	11,186	6,600	0.59	2.89	10,904	6,433	0.59	3.08
28	16	9,306	9,213	0.99	2.54	9,024	8,934	0.99	2.69	8,742	8,655	0.99	2.85
28	18	9,964	8,669	0.87	2.59	9,682	8,423	0.87	2.73	9,353	8,137	0.87	2.93
28	20	10,716	8,037	0.75	2.67	10,481	7,861	0.75	2.80	10,199	7,649	0.75	2.99
28	22	11,421	7,195	0.63	2.73	11,186	7,047	0.63	2.89	10,904	6,870	0.63	3.08
30	16	9,306	9,306	1.00	2.54	9,024	9,024	1.00	2.69	8,742	8,742	1.00	2.85
30	18	9,964	9,466	0.95	2.59	9,682	9,198	0.95	2.73	9,353	8,885	0.95	2.93
30	20	10,716	8,894	0.83	2.67	10,481	8,699	0.83	2.80	10,199	8,465	0.83	2.99
30	22	11,421	8,109	0.71	2.73	11,186	7,942	0.71	2.89	10,904	7,742	0.71	3.08
32	16	9,306	9,306	1.00	2.54	9,024	9,024	1.00	2.69	8,742	8,742	1.00	2.85
32	18	9,964	9,964	1.00	2.59	9,682	9,682	1.00	2.73	9,353	9,353	1.00	2.93
32	20	10,716	9,752	0.91	2.67	10,481	9,538	0.91	2.80	10,199	9,281	0.91	2.99
32	22	11,421	9,023	0.79	2.73	11,186	8,837	0.79	2.89	10,904	8,614	0.79	3.08
34	16	9,306	9,306	1.00	2.54	9,024	9,024	1.00	2.69	8,742	8,742	1.00	2.85
34	18	9,964	9,964	1.00	2.59	9,682	9,682	1.00	2.73	9,353	9,353	1.00	2.93
34	20	10,716	10,609	0.99	2.67	10,481	10,376	0.99	2.80	10,199	10,097	0.99	2.99
34	22	11,421	9,936	0.87	2.73	11,186	9,732	0.87	2.89	10,904	9,486	0.87	3.08

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,605	0.67	3.05	7,990	5,353	0.67	3.28	7,614	5,101	0.67	3.55
20	18	9,024	4,963	0.55	3.13	8,742	4,808	0.55	3.37	8,178	4,498	0.55	3.63
20	20	9,776	4,204	0.43	3.21	9,400	4,042	0.43	3.43	8,836	3,799	0.43	3.69
22	16	8,366	6,275	0.75	3.05	7,990	5,993	0.75	3.28	7,614	5,711	0.75	3.55
22	18	9,024	5,685	0.63	3.13	8,742	5,507	0.63	3.37	8,178	5,152	0.63	3.63
22	20	9,776	4,986	0.51	3.21	9,400	4,794	0.51	3.43	8,836	4,506	0.51	3.69
24	16	8,366	6,944	0.83	3.05	7,990	6,632	0.83	3.28	7,614	6,320	0.83	3.55
24	18	9,024	6,407	0.71	3.13	8,742	6,207	0.71	3.37	8,178	5,806	0.71	3.63
24	20	9,776	5,768	0.59	3.21	9,400	5,546	0.59	3.43	8,836	5,213	0.59	3.69
24	22	10,528	4,948	0.47	3.28	10,152	4,771	0.47	3.53	9,588	4,506	0.47	3.75
26	16	8,366	7,613	0.91	3.05	7,990	7,271	0.91	3.28	7,614	6,929	0.91	3.55
26	18	9,024	7,129	0.79	3.13	8,742	6,906	0.79	3.37	8,178	6,461	0.79	3.63
26	20	9,776	6,550	0.67	3.21	9,400	6,298	0.67	3.43	8,836	5,920	0.67	3.69
26	22	10,528	5,790	0.55	3.28	10,152	5,584	0.55	3.53	9,588	5,273	0.55	3.75
27	16	8,366	7,948	0.95	3.05	7,990	7,591	0.95	3.28	7,614	7,233	0.95	3.55
27	18	9,024	7,490	0.83	3.13	8,742	7,256	0.83	3.37	8,178	6,788	0.83	3.63
27	20	9,776	6,941	0.71	3.21	9,400	6,674	0.71	3.43	8,836	6,274	0.71	3.69
27	22	10,528	6,212	0.59	3.28	10,152	5,990	0.59	3.53	9,588	5,657	0.59	3.75
28	16	8,366	8,282	0.99	3.05	7,990	7,910	0.99	3.28	7,614	7,538	0.99	3.55
28	18	9,024	7,851	0.87	3.13	8,742	7,606	0.87	3.37	8,178	7,115	0.87	3.63
28	20	9,776	7,332	0.75	3.21	9,400	7,050	0.75	3.43	8,836	6,627	0.75	3.69
28	22	10,528	6,633	0.63	3.28	10,152	6,396	0.63	3.53	9,588	6,040	0.63	3.75
30	16	8,366	8,366	1.00	3.05	7,990	7,990	1.00	3.28	7,614	7,614	1.00	3.55
30	18	9,024	8,573	0.95	3.13	8,742	8,305	0.95	3.37	8,178	7,769	0.95	3.63
30	20	9,776	8,114	0.83	3.21	9,400	7,802	0.83	3.43	8,836	7,334	0.83	3.69
30	22	10,528	7,475	0.71	3.28	10,152	7,208	0.71	3.53	9,588	6,807	0.71	3.75
32	16	8,366	8,366	1.00	3.05	7,990	7,990	1.00	3.28	7,614	7,614	1.00	3.55
32	18	9,024	9,024	1.00	3.13	8,742	8,742	1.00	3.37	8,178	8,178	1.00	3.63
32	20	9,776	8,896	0.91	3.21	9,400	8,554	0.91	3.43	8,836	8,041	0.91	3.69
32	22	10,528	8,317	0.79	3.28	10,152	8,020	0.79	3.53	9,588	7,575	0.79	3.75
34	16	8,366	8,366	1.00	3.05	7,990	7,990	1.00	3.28	7,614	7,614	1.00	3.55
34	18	9,024	9,024	1.00	3.13	8,742	8,742	1.00	3.37	8,178	8,178	1.00	3.63
34	20	9,776	9,678	0.99	3.21	9,400	9,306	0.99	3.43	8,836	8,748	0.99	3.69
34	22	10,528	9,159	0.87	3.28	10,152	8,832	0.87	3.53	9,588	8,342	0.87	3.75

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-M125EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,547	0.63	3.28	11,616	7,318	0.63	3.46	11,253	7,089	0.63	3.67
20	18	12,826	6,541	0.51	3.34	12,463	6,356	0.51	3.53	12,040	6,140	0.51	3.77
20	20	13,794	5,380	0.39	3.44	13,492	5,262	0.39	3.61	13,129	5,120	0.39	3.85
22	16	11,979	8,505	0.71	3.28	11,616	8,247	0.71	3.46	11,253	7,990	0.71	3.67
22	18	12,826	7,567	0.59	3.34	12,463	7,353	0.59	3.53	12,040	7,103	0.59	3.77
22	20	13,794	6,483	0.47	3.44	13,492	6,341	0.47	3.61	13,129	6,170	0.47	3.85
24	16	11,979	9,463	0.79	3.28	11,616	9,177	0.79	3.46	11,253	8,890	0.79	3.67
24	18	12,826	8,593	0.67	3.34	12,463	8,350	0.67	3.53	12,040	8,066	0.67	3.77
24	20	13,794	7,587	0.55	3.44	13,492	7,420	0.55	3.61	13,129	7,221	0.55	3.85
24	22	14,702	6,322	0.43	3.53	14,399	6,192	0.43	3.73	14,036	6,035	0.43	3.98
26	16	11,979	10,422	0.87	3.28	11,616	10,106	0.87	3.46	11,253	9,790	0.87	3.67
26	18	12,826	9,620	0.75	3.34	12,463	9,347	0.75	3.53	12,040	9,030	0.75	3.77
26	20	13,794	8,690	0.63	3.44	13,492	8,500	0.63	3.61	13,129	8,271	0.63	3.85
26	22	14,702	7,498	0.51	3.53	14,399	7,343	0.51	3.73	14,036	7,158	0.51	3.98
27	16	11,979	10,901	0.91	3.28	11,616	10,571	0.91	3.46	11,253	10,240	0.91	3.67
27	18	12,826	10,133	0.79	3.34	12,463	9,846	0.79	3.53	12,040	9,511	0.79	3.77
27	20	13,794	9,242	0.67	3.44	13,492	9,039	0.67	3.61	13,129	8,796	0.67	3.85
27	22	14,702	8,086	0.55	3.53	14,399	7,919	0.55	3.73	14,036	7,720	0.55	3.98
28	16	11,979	11,380	0.95	3.28	11,616	11,035	0.95	3.46	11,253	10,690	0.95	3.67
28	18	12,826	10,646	0.83	3.34	12,463	10,344	0.83	3.53	12,040	9,993	0.83	3.77
28	20	13,794	9,794	0.71	3.44	13,492	9,579	0.71	3.61	13,129	9,321	0.71	3.85
28	22	14,702	8,674	0.59	3.53	14,399	8,495	0.59	3.73	14,036	8,281	0.59	3.98
30	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
30	18	12,826	11,672	0.91	3.34	12,463	11,341	0.91	3.53	12,040	10,956	0.91	3.77
30	20	13,794	10,897	0.79	3.44	13,492	10,658	0.79	3.61	13,129	10,372	0.79	3.85
30	22	14,702	9,850	0.67	3.53	14,399	9,647	0.67	3.73	14,036	9,404	0.67	3.98
32	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
32	18	12,826	12,698	0.99	3.34	12,463	12,338	0.99	3.53	12,040	11,919	0.99	3.77
32	20	13,794	12,001	0.87	3.44	13,492	11,738	0.87	3.61	13,129	11,422	0.87	3.85
32	22	14,702	11,026	0.75	3.53	14,399	10,799	0.75	3.73	14,036	10,527	0.75	3.98
34	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
34	18	12,826	12,826	1.00	3.34	12,463	12,463	1.00	3.53	12,040	12,040	1.00	3.77
34	20	13,794	13,104	0.95	3.44	13,492	12,817	0.95	3.61	13,129	12,472	0.95	3.85
34	22	14,702	12,202	0.83	3.53	14,399	11,951	0.83	3.73	14,036	11,650	0.83	3.98

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,784	0.63	3.94	10,285	6,480	0.63	4.22	9,801	6,175	0.63	4.57
20	18	11,616	5,924	0.51	4.04	11,253	5,739	0.51	4.35	10,527	5,369	0.51	4.67
20	20	12,584	4,908	0.39	4.14	12,100	4,719	0.39	4.43	11,374	4,436	0.39	4.76
22	16	10,769	7,646	0.71	3.94	10,285	7,302	0.71	4.22	9,801	6,959	0.71	4.57
22	18	11,616	6,853	0.59	4.04	11,253	6,639	0.59	4.35	10,527	6,211	0.59	4.67
22	20	12,584	5,914	0.47	4.14	12,100	5,687	0.47	4.43	11,374	5,346	0.47	4.76
24	16	10,769	8,508	0.79	3.94	10,285	8,125	0.79	4.22	9,801	7,743	0.79	4.57
24	18	11,616	7,783	0.67	4.04	11,253	7,540	0.67	4.35	10,527	7,053	0.67	4.67
24	20	12,584	6,921	0.55	4.14	12,100	6,655	0.55	4.43	11,374	6,256	0.55	4.76
24	22	13,552	5,827	0.43	4.22	13,068	5,619	0.43	4.55	12,342	5,307	0.43	4.84
26	16	10,769	9,369	0.87	3.94	10,285	8,948	0.87	4.22	9,801	8,527	0.87	4.57
26	18	11,616	8,712	0.75	4.04	11,253	8,440	0.75	4.35	10,527	7,895	0.75	4.67
26	20	12,584	7,928	0.63	4.14	12,100	7,623	0.63	4.43	11,374	7,166	0.63	4.76
26	22	13,552	6,912	0.51	4.22	13,068	6,665	0.51	4.55	12,342	6,294	0.51	4.84
27	16	10,769	9,800	0.91	3.94	10,285	9,359	0.91	4.22	9,801	8,919	0.91	4.57
27	18	11,616	9,177	0.79	4.04	11,253	8,890	0.79	4.35	10,527	8,316	0.79	4.67
27	20	12,584	8,431	0.67	4.14	12,100	8,107	0.67	4.43	11,374	7,621	0.67	4.76
27	22	13,552	7,454	0.55	4.22	13,068	7,187	0.55	4.55	12,342	6,788	0.55	4.84
28	16	10,769	10,231	0.95	3.94	10,285	9,771	0.95	4.22	9,801	9,311	0.95	4.57
28	18	11,616	9,641	0.83	4.04	11,253	9,340	0.83	4.35	10,527	8,737	0.83	4.67
28	20	12,584	8,935	0.71	4.14	12,100	8,591	0.71	4.43	11,374	8,076	0.71	4.76
28	22	13,552	7,996	0.59	4.22	13,068	7,710	0.59	4.55	12,342	7,282	0.59	4.84
30	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
30	18	11,616	10,571	0.91	4.04	11,253	10,240	0.91	4.35	10,527	9,580	0.91	4.67
30	20	12,584	9,941	0.79	4.14	12,100	9,559	0.79	4.43	11,374	8,985	0.79	4.76
30	22	13,552	9,080	0.67	4.22	13,068	8,756	0.67	4.55	12,342	8,269	0.67	4.84
32	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
32	18	11,616	11,500	0.99	4.04	11,253	11,140	0.99	4.35	10,527	10,422	0.99	4.67
32	20	12,584	10,948	0.87	4.14	12,100	10,527	0.87	4.43	11,374	9,895	0.87	4.76
32	22	13,552	10,164	0.75	4.22	13,068	9,801	0.75	4.55	12,342	9,257	0.75	4.84
34	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
34	18	11,616	11,616	1.00	4.04	11,253	11,253	1.00	4.35	10,527	10,527	1.00	4.67
34	20	12,584	11,955	0.95	4.14	12,100	11,495	0.95	4.43	11,374	10,805	0.95	4.76
34	22	13,552	11,248	0.83	4.22	13,068	10,846	0.83	4.55	12,342	10,244	0.83	4.84

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

COOLING CAPACITY
PLA-M140EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,078	0.60	4.33	13,056	7,834	0.60	4.57	12,648	7,589	0.60	4.84
20	18	14,416	6,920	0.48	4.41	14,008	6,724	0.48	4.65	13,532	6,495	0.48	4.98
20	20	15,504	5,581	0.36	4.54	15,164	5,459	0.36	4.76	14,756	5,312	0.36	5.09
22	16	13,464	9,156	0.68	4.33	13,056	8,878	0.68	4.57	12,648	8,601	0.68	4.84
22	18	14,416	8,073	0.56	4.41	14,008	7,844	0.56	4.65	13,532	7,578	0.56	4.98
22	20	15,504	6,822	0.44	4.54	15,164	6,672	0.44	4.76	14,756	6,493	0.44	5.09
24	16	13,464	10,233	0.76	4.33	13,056	9,923	0.76	4.57	12,648	9,612	0.76	4.84
24	18	14,416	9,226	0.64	4.41	14,008	8,965	0.64	4.65	13,532	8,660	0.64	4.98
24	20	15,504	8,062	0.52	4.54	15,164	7,885	0.52	4.76	14,756	7,673	0.52	5.09
24	22	16,524	6,610	0.40	4.65	16,184	6,474	0.40	4.92	15,776	6,310	0.40	5.25
26	16	13,464	11,310	0.84	4.33	13,056	10,967	0.84	4.57	12,648	10,624	0.84	4.84
26	18	14,416	10,380	0.72	4.41	14,008	10,086	0.72	4.65	13,532	9,743	0.72	4.98
26	20	15,504	9,302	0.60	4.54	15,164	9,098	0.60	4.76	14,756	8,854	0.60	5.09
26	22	16,524	7,932	0.48	4.65	16,184	7,768	0.48	4.92	15,776	7,572	0.48	5.25
27	16	13,464	11,848	0.88	4.33	13,056	11,489	0.88	4.57	12,648	11,130	0.88	4.84
27	18	14,416	10,956	0.76	4.41	14,008	10,646	0.76	4.65	13,532	10,284	0.76	4.98
27	20	15,504	9,923	0.64	4.54	15,164	9,705	0.64	4.76	14,756	9,444	0.64	5.09
27	22	16,524	8,592	0.52	4.65	16,184	8,416	0.52	4.92	15,776	8,204	0.52	5.25
28	16	13,464	12,387	0.92	4.33	13,056	12,012	0.92	4.57	12,648	11,636	0.92	4.84
28	18	14,416	11,533	0.80	4.41	14,008	11,206	0.80	4.65	13,532	10,826	0.80	4.98
28	20	15,504	10,543	0.68	4.54	15,164	10,312	0.68	4.76	14,756	10,034	0.68	5.09
28	22	16,524	9,253	0.56	4.65	16,184	9,063	0.56	4.92	15,776	8,835	0.56	5.25
30	16	13,464	13,464	1.00	4.33	13,056	13,056	1.00	4.57	12,648	12,648	1.00	4.84
30	18	14,416	12,686	0.88	4.41	14,008	12,327	0.88	4.65	13,532	11,908	0.88	4.98
30	20	15,504	11,783	0.76	4.54	15,164	11,525	0.76	4.76	14,756	11,215	0.76	5.09
30	22	16,524	10,575	0.64	4.65	16,184	10,358	0.64	4.92	15,776	10,097	0.64	5.25
32	16	13,464	13,464	1.00	4.33	13,056	13,056	1.00	4.57	12,648	12,648	1.00	4.84
32	18	14,416	13,839	0.96	4.41	14,008	13,448	0.96	4.65	13,532	12,991	0.96	4.98
32	20	15,504	13,023	0.84	4.54	15,164	12,738	0.84	4.76	14,756	12,395	0.84	5.09
32	22	16,524	11,897	0.72	4.65	16,184	11,652	0.72	4.92	15,776	11,359	0.72	5.25
34	16	13,464	13,464	1.00	4.33	13,056	13,056	1.00	4.57	12,648	12,648	1.00	4.84
34	18	14,416	14,416	1.00	4.41	14,008	14,008	1.00	4.65	13,532	13,532	1.00	4.98
34	20	15,504	14,264	0.92	4.54	15,164	13,951	0.92	4.76	14,756	13,576	0.92	5.09
34	22	16,524	13,219	0.80	4.65	16,184	12,947	0.80	4.92	15,776	12,621	0.80	5.25

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,262	0.60	5.19	11,560	6,936	0.60	5.57	11,016	6,610	0.60	6.03
20	18	13,056	6,267	0.48	5.33	12,648	6,071	0.48	5.73	11,832	5,679	0.48	6.17
20	20	14,144	5,092	0.36	5.46	13,600	4,896	0.36	5.84	12,784	4,602	0.36	6.28
22	16	12,104	8,231	0.68	5.19	11,560	7,861	0.68	5.57	11,016	7,491	0.68	6.03
22	18	13,056	7,311	0.56	5.33	12,648	7,083	0.56	5.73	11,832	6,626	0.56	6.17
22	20	14,144	6,223	0.44	5.46	13,600	5,984	0.44	5.84	12,784	5,625	0.44	6.28
24	16	12,104	9,199	0.76	5.19	11,560	8,786	0.76	5.57	11,016	8,372	0.76	6.03
24	18	13,056	8,356	0.64	5.33	12,648	8,095	0.64	5.73	11,832	7,572	0.64	6.17
24	20	14,144	7,355	0.52	5.46	13,600	7,072	0.52	5.84	12,784	6,648	0.52	6.28
24	22	15,232	6,093	0.40	5.57	14,688	5,875	0.40	6.01	13,872	5,549	0.40	6.38
26	16	12,104	10,167	0.84	5.19	11,560	9,710	0.84	5.57	11,016	9,253	0.84	6.03
26	18	13,056	9,400	0.72	5.33	12,648	9,107	0.72	5.73	11,832	8,519	0.72	6.17
26	20	14,144	8,486	0.60	5.46	13,600	8,160	0.60	5.84	12,784	7,670	0.60	6.28
26	22	15,232	7,311	0.48	5.57	14,688	7,050	0.48	6.01	13,872	6,659	0.48	6.38
27	16	12,104	10,652	0.88	5.19	11,560	10,173	0.88	5.57	11,016	9,694	0.88	6.03
27	18	13,056	9,923	0.76	5.33	12,648	9,612	0.76	5.73	11,832	8,992	0.76	6.17
27	20	14,144	9,052	0.64	5.46	13,600	8,704	0.64	5.84	12,784	8,182	0.64	6.28
27	22	15,232	7,921	0.52	5.57	14,688	7,638	0.52	6.01	13,872	7,213	0.52	6.38
28	16	12,104	11,136	0.92	5.19	11,560	10,635	0.92	5.57	11,016	10,135	0.92	6.03
28	18	13,056	10,445	0.80	5.33	12,648	10,118	0.80	5.73	11,832	9,466	0.80	6.17
28	20	14,144	9,618	0.68	5.46	13,600	9,248	0.68	5.84	12,784	8,693	0.68	6.28
28	22	15,232	8,530	0.56	5.57	14,688	8,225	0.56	6.01	13,872	7,768	0.56	6.38
30	16	12,104	12,104	1.00	5.19	11,560	11,560	1.00	5.57	11,016	11,016	1.00	6.03
30	18	13,056	11,489	0.88	5.33	12,648	11,130	0.88	5.73	11,832	10,412	0.88	6.17
30	20	14,144	10,749	0.76	5.46	13,600	10,336	0.76	5.84	12,784	9,716	0.76	6.28
30	22	15,232	9,748	0.64	5.57	14,688	9,400	0.64	6.01	13,872	8,878	0.64	6.38
32	16	12,104	12,104	1.00	5.19	11,560	11,560	1.00	5.57	11,016	11,016	1.00	6.03
32	18	13,056	12,534	0.96	5.33	12,648	12,142	0.96	5.73	11,832	11,359	0.96	6.17
32	20	14,144	11,881	0.84	5.46	13,600	11,424	0.84	5.84	12,784	10,739	0.84	6.28
32	22	15,232	10,967	0.72	5.57	14,688	10,575	0.72	6.01	13,872	9,988	0.72	6.38
34	16	12,104	12,104	1.00	5.19	11,560	11,560	1.00	5.57	11,016	11,016	1.00	6.03
34	18	13,056	13,056	1.00	5.33	12,648	12,648	1.00	5.73	11,832	11,832	1.00	6.17
34	20	14,144	13,012	0.92	5.46	13,600	12,512	0.92	5.84	12,784	11,761	0.92	6.28
34	22	15,232	12,186	0.80	5.57	14,688	11,750	0.80	6.01	13,872	11,098	0.80	6.38

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

**COOLING CAPACITY
PLA-SM71EA / SUZ-SA71VA3**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,922	0.59	1.774	7,988	4,713	0.59	1.863	7,668	4,524	0.59	1.952	7,384	4,357	0.59	2.041
21	20	8,698	4,088	0.47	1.863	8,343	3,921	0.47	1.974	8,094	3,804	0.47	2.018	7,810	3,671	0.47	2.107
22	18	8,343	5,256	0.63	1.774	7,988	5,032	0.63	1.863	7,668	4,831	0.63	1.952	7,384	4,652	0.63	2.041
22	20	8,698	4,436	0.51	1.863	8,343	4,255	0.51	1.974	8,094	4,128	0.51	2.018	7,810	3,983	0.51	2.107
22	22	9,053	3,530	0.39	1.930	8,733	3,406	0.39	2.052	8,520	3,323	0.39	2.107	8,165	3,184	0.39	2.196
23	18	8,343	5,589	0.67	1.774	7,988	5,352	0.67	1.863	7,668	5,138	0.67	1.952	7,384	4,947	0.67	2.041
23	20	8,698	4,784	0.55	1.863	8,343	4,588	0.55	1.974	8,094	4,452	0.55	2.018	7,810	4,296	0.55	2.107
23	22	9,053	3,893	0.43	1.930	8,733	3,755	0.43	2.052	8,520	3,664	0.43	2.107	8,165	3,511	0.43	2.196
24	18	8,343	5,923	0.71	1.774	7,988	5,671	0.71	1.863	7,668	5,444	0.71	1.952	7,384	5,243	0.71	2.041
24	20	8,698	5,132	0.59	1.863	8,343	4,922	0.59	1.974	8,094	4,775	0.59	2.018	7,810	4,608	0.59	2.107
24	22	9,053	4,255	0.47	1.930	8,733	4,105	0.47	2.052	8,520	4,004	0.47	2.107	8,165	3,838	0.47	2.196
24	24	9,514	3,330	0.35	2.018	9,159	3,206	0.35	2.129	8,946	3,131	0.35	2.196	8,662	3,032	0.35	2.307
25	18	8,698	5,479	0.63	1.863	8,343	5,256	0.63	1.974	8,094	5,099	0.63	2.018	7,810	4,920	0.63	2.107
25	20	9,053	4,617	0.51	1.930	8,733	4,454	0.51	2.052	8,520	4,345	0.51	2.107	8,165	4,164	0.51	2.196
25	22	9,514	3,710	0.39	2.018	9,159	3,572	0.39	2.129	8,946	3,489	0.39	2.196	8,662	3,378	0.39	2.307
26	18	8,343	6,591	0.79	1.774	7,988	6,310	0.79	1.863	7,668	6,058	0.79	1.952	7,384	5,833	0.79	2.041
26	20	8,698	5,827	0.67	1.863	8,343	5,589	0.67	1.974	8,094	5,423	0.67	2.018	7,810	5,233	0.67	2.107
26	22	9,053	4,979	0.55	1.930	8,733	4,803	0.55	2.052	8,520	4,686	0.55	2.107	8,165	4,491	0.55	2.196
26	24	9,514	4,091	0.43	2.018	9,159	3,938	0.43	2.129	8,946	3,847	0.43	2.196	8,662	3,725	0.43	2.307
26	26	9,798	3,037	0.31	2.129	9,514	2,949	0.31	2.240	9,372	2,905	0.31	2.307	9,088	2,817	0.31	2.373
27	18	8,343	6,924	0.83	1.774	7,988	6,630	0.83	1.863	7,668	6,364	0.83	1.952	7,384	6,129	0.83	2.041
27	20	8,698	6,175	0.71	1.863	8,343	5,923	0.71	1.974	8,094	5,747	0.71	2.018	7,810	5,545	0.71	2.107
27	22	9,053	5,341	0.59	1.930	8,733	5,152	0.59	2.052	8,520	5,027	0.59	2.107	8,165	4,817	0.59	2.196
27	24	9,514	4,472	0.47	2.018	9,159	4,305	0.47	2.129	8,946	4,205	0.47	2.196	8,662	4,071	0.47	2.307
27	26	9,798	3,429	0.35	2.129	9,514	3,330	0.35	2.240	9,372	3,280	0.35	2.307	9,088	3,181	0.35	2.373
28	18	8,343	7,258	0.87	1.774	7,988	6,949	0.87	1.863	7,668	6,671	0.87	1.952	7,384	6,424	0.87	2.041
28	20	8,698	6,523	0.75	1.863	8,343	6,257	0.75	1.974	8,094	6,071	0.75	2.018	7,810	5,858	0.75	2.107
28	22	9,053	5,703	0.63	1.930	8,733	5,502	0.63	2.052	8,520	5,368	0.63	2.107	8,165	5,144	0.63	2.196
28	24	9,514	4,852	0.51	2.018	9,159	4,671	0.51	2.129	8,946	4,562	0.51	2.196	8,662	4,418	0.51	2.307
28	26	9,798	3,821	0.39	2.129	9,514	3,710	0.39	2.240	9,372	3,655	0.39	2.307	9,088	3,544	0.39	2.373
29	18	8,343	7,592	0.91	1.774	7,988	7,269	0.91	1.863	7,668	6,978	0.91	1.952	7,384	6,719	0.91	2.041
29	20	8,698	6,871	0.79	1.863	8,343	6,591	0.79	1.974	8,094	6,394	0.79	2.018	7,810	6,170	0.79	2.107
29	22	9,053	6,065	0.67	1.930	8,733	5,851	0.67	2.052	8,520	5,708	0.67	2.107	8,165	5,471	0.67	2.196
29	24	9,514	5,233	0.55	2.018	9,159	5,037	0.55	2.129	8,946	4,920	0.55	2.196	8,662	4,764	0.55	2.307
29	26	9,798	4,213	0.43	2.129	9,514	4,091	0.43	2.240	9,372	4,030	0.43	2.307	9,088	3,908	0.43	2.373
30	18	8,343	7,925	0.95	1.774	7,988	7,588	0.95	1.863	7,668	7,285	0.95	1.952	7,384	7,015	0.95	2.041
30	20	8,698	7,219	0.83	1.863	8,343	6,924	0.83	1.974	8,094	6,718	0.83	2.018	7,810	6,482	0.83	2.107
30	22	9,053	6,427	0.71	1.930	8,733	6,200	0.71	2.052	8,520	6,049	0.71	2.107	8,165	5,797	0.71	2.196
30	24	9,514	5,613	0.59	2.018	9,159	5,404	0.59	2.129	8,946	5,278	0.59	2.196	8,662	5,111	0.59	2.307
30	26	9,798	4,605	0.47	2.129	9,514	4,472	0.47	2.240	9,372	4,405	0.47	2.307	9,088	4,271	0.47	2.373
31	18	8,343	8,259	0.99	1.774	7,988	7,908	0.99	1.863	7,668	7,591	0.99	1.952	7,384	7,310	0.99	2.041
31	20	8,698	7,567	0.87	1.863	8,343	7,258	0.87	1.974	8,094	7,042	0.87	2.018	7,810	6,795	0.87	2.107
31	22	9,053	6,789	0.75	1.930	8,733	6,550	0.75	2.052	8,520	6,390	0.75	2.107	8,165	6,124	0.75	2.196
31	24	9,514	5,994	0.63	2.018	9,159	5,770	0.63	2.129	8,946	5,636	0.63	2.196	8,662	5,457	0.63	2.307
31	26	9,798	4,997	0.51	2.129	9,514	4,852	0.51	2.240	9,372	4,780	0.51	2.307	9,088	4,635	0.51	2.373
32	18	8,343	8,593	1.03	1.774	7,988	8,227	1.03	1.863	7,668	7,898	1.03	1.952	7,384	7,606	1.03	2.041
32	20	8,698	7,915	0.91	1.863	8,343	7,592	0.91	1.974	8,094	7,366	0.91	2.018	7,810	7,107	0.91	2.107
32	22	9,053	7,151	0.79	1.930	8,733	6,899	0.79	2.052	8,520	6,731	0.79	2.107	8,165	6,450	0.79	2.196
32	24	9,514	6,374	0.67	2.018	9,159	6,137	0.67	2.129	8,946	5,994	0.67	2.196	8,662	5,804	0.67	2.307
32	26	9,798	5,389	0.55	2.129	9,514	5,233	0.55	2.240	9,372	5,155	0.55	2.307	9,088	4,998	0.55	2.373

Note: Q : Capacity (W) SHC : Sensible heat capacity (W) D.B. : Dry-bulb temperature
 INPUT. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature

**COOLING CAPACITY
PLA-SM71EA / SUZ-SA71VA3**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,105	0.59	2.174	6,390	3,770	0.59	2.307	5,893	3,477	0.59	2.395
21	20	7,313	3,437	0.47	2.262	6,816	3,204	0.47	2.373	6,319	2,970	0.47	2.506
22	18	6,958	4,384	0.63	2.174	6,390	4,026	0.63	2.307	5,893	3,713	0.63	2.395
22	20	7,313	3,730	0.51	2.262	6,816	3,476	0.51	2.373	6,319	3,223	0.51	2.506
22	22	7,739	3,018	0.39	2.351	7,242	2,824	0.39	2.484	6,745	2,631	0.39	2.573
23	18	6,958	4,662	0.67	2.174	6,390	4,281	0.67	2.307	5,893	3,948	0.67	2.395
23	20	7,313	4,022	0.55	2.262	6,816	3,749	0.55	2.373	6,319	3,475	0.55	2.506
23	22	7,739	3,328	0.43	2.351	7,242	3,114	0.43	2.484	6,745	2,900	0.43	2.573
24	18	6,958	4,940	0.71	2.174	6,390	4,537	0.71	2.307	5,893	4,184	0.71	2.395
24	20	7,313	4,315	0.59	2.262	6,816	4,021	0.59	2.373	6,319	3,728	0.59	2.506
24	22	7,739	3,637	0.47	2.351	7,242	3,404	0.47	2.484	6,745	3,170	0.47	2.573
24	24	8,165	2,858	0.35	2.440	7,668	2,684	0.35	2.551	7,242	2,535	0.35	2.662
25	18	7,313	4,607	0.63	2.262	6,816	4,294	0.63	2.373	6,319	3,981	0.63	2.506
25	20	7,739	3,947	0.51	2.351	7,242	3,693	0.51	2.484	6,745	3,440	0.51	2.573
25	22	8,165	3,184	0.39	2.440	7,668	2,991	0.39	2.551	7,242	2,824	0.39	2.662
26	18	6,958	5,497	0.79	2.174	6,390	5,048	0.79	2.307	5,893	4,655	0.79	2.395
26	20	7,313	4,900	0.67	2.262	6,816	4,567	0.67	2.373	6,319	4,234	0.67	2.506
26	22	7,739	4,256	0.55	2.351	7,242	3,983	0.55	2.484	6,745	3,710	0.55	2.573
26	24	8,165	3,511	0.43	2.440	7,668	3,297	0.43	2.551	7,242	3,114	0.43	2.662
26	26	8,591	2,663	0.31	2.529	8,094	2,509	0.31	2.639	7,597	2,355	0.31	2.750
27	18	6,958	5,775	0.83	2.174	6,390	5,304	0.83	2.307	5,893	4,891	0.83	2.395
27	20	7,313	5,192	0.71	2.262	6,816	4,839	0.71	2.373	6,319	4,486	0.71	2.506
27	22	7,739	4,566	0.59	2.351	7,242	4,273	0.59	2.484	6,745	3,980	0.59	2.573
27	24	8,165	3,838	0.47	2.440	7,668	3,604	0.47	2.551	7,242	3,404	0.47	2.662
27	26	8,591	3,007	0.35	2.529	8,094	2,833	0.35	2.639	7,597	2,659	0.35	2.750
28	18	6,958	6,053	0.87	2.174	6,390	5,559	0.87	2.307	5,893	5,127	0.87	2.395
28	20	7,313	5,485	0.75	2.262	6,816	5,112	0.75	2.373	6,319	4,739	0.75	2.506
28	22	7,739	4,876	0.63	2.351	7,242	4,562	0.63	2.484	6,745	4,249	0.63	2.573
28	24	8,165	4,164	0.51	2.440	7,668	3,911	0.51	2.551	7,242	3,693	0.51	2.662
28	26	8,591	3,350	0.39	2.529	8,094	3,157	0.39	2.639	7,597	2,963	0.39	2.750
29	18	6,958	6,332	0.91	2.174	6,390	5,815	0.91	2.307	5,893	5,363	0.91	2.395
29	20	7,313	5,777	0.79	2.262	6,816	5,385	0.79	2.373	6,319	4,992	0.79	2.506
29	22	7,739	5,185	0.67	2.351	7,242	4,852	0.67	2.484	6,745	4,519	0.67	2.573
29	24	8,165	4,491	0.55	2.440	7,668	4,217	0.55	2.551	7,242	3,983	0.55	2.662
29	26	8,591	3,694	0.43	2.529	8,094	3,480	0.43	2.639	7,597	3,267	0.43	2.750
30	18	6,958	6,610	0.95	2.174	6,390	6,071	0.95	2.307	5,893	5,598	0.95	2.395
30	20	7,313	6,070	0.83	2.262	6,816	5,657	0.83	2.373	6,319	5,245	0.83	2.506
30	22	7,739	5,495	0.71	2.351	7,242	5,142	0.71	2.484	6,745	4,789	0.71	2.573
30	24	8,165	4,817	0.59	2.440	7,668	4,524	0.59	2.551	7,242	4,273	0.59	2.662
30	26	8,591	4,038	0.47	2.529	8,094	3,804	0.47	2.639	7,597	3,571	0.47	2.750
31	18	6,958	6,888	0.99	2.174	6,390	6,326	0.99	2.307	5,893	5,834	0.99	2.395
31	20	7,313	6,362	0.87	2.262	6,816	5,930	0.87	2.373	6,319	5,498	0.87	2.506
31	22	7,739	5,804	0.75	2.351	7,242	5,432	0.75	2.484	6,745	5,059	0.75	2.573
31	24	8,165	5,144	0.63	2.440	7,668	4,831	0.63	2.551	7,242	4,562	0.63	2.662
31	26	8,591	4,381	0.51	2.529	8,094	4,128	0.51	2.639	7,597	3,874	0.51	2.750
32	18	6,958	7,167	1.03	2.174	6,390	6,582	1.03	2.307	5,893	6,070	1.03	2.395
32	20	7,313	6,655	0.91	2.262	6,816	6,203	0.91	2.373	6,319	5,750	0.91	2.506
32	22	7,739	6,114	0.79	2.351	7,242	5,721	0.79	2.484	6,745	5,329	0.79	2.573
32	24	8,165	5,471	0.67	2.440	7,668	5,138	0.67	2.551	7,242	4,852	0.67	2.662
32	26	8,591	4,725	0.55	2.529	8,094	4,452	0.55	2.639	7,597	4,178	0.55	2.750

Note: Q : Capacity (W) SHC : Sensible heat capacity (W) D.B. : Dry-bulb temperature
 INPUT. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature

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

**COOLING CAPACITY
PLA-SM100EA / SUZ-SA100VA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	18	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	20	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	22	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	11,266	1.02	2.498	10,575	10,787	1.02	2.622	10,152	10,355	1.02	2.747	9,776	9,972	1.02	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	11,708	1.06	2.498	10,575	11,210	1.06	2.622	10,152	10,761	1.06	2.747	9,776	10,363	1.06	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	12,150	1.10	2.498	10,575	11,633	1.10	2.622	10,152	11,167	1.10	2.747	9,776	10,754	1.10	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: Q : Capacity (W) SHC : Sensible heat capacity (W) D.B. : Dry-bulb temperature
 INPUT. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SM100EA / SUZ-SA100VA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	9,396	1.02	3.060	8,460	8,629	1.02	3.247	7,802	7,958	1.02	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	9,765	1.06	3.060	8,460	8,968	1.06	3.247	7,802	8,270	1.06	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	10,133	1.10	3.060	8,460	9,306	1.10	3.247	7,802	8,582	1.10	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: Q : Capacity (W) SHC : Sensible heat capacity (W) D.B. : Dry-bulb temperature
 INPUT. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SM100EA / PUHZ-SP100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,235	0.67	2.63	9,024	6,046	0.67	2.78	8,742	5,857	0.67	2.94
20	18	9,964	5,480	0.55	2.68	9,682	5,325	0.55	2.83	9,353	5,144	0.55	3.03
20	20	10,716	4,608	0.43	2.76	10,481	4,507	0.43	2.90	10,199	4,386	0.43	3.09
22	16	9,306	6,980	0.75	2.63	9,024	6,768	0.75	2.78	8,742	6,557	0.75	2.94
22	18	9,964	6,277	0.63	2.68	9,682	6,100	0.63	2.83	9,353	5,892	0.63	3.03
22	20	10,716	5,465	0.51	2.76	10,481	5,345	0.51	2.90	10,199	5,201	0.51	3.09
24	16	9,306	7,724	0.83	2.63	9,024	7,490	0.83	2.78	8,742	7,256	0.83	2.94
24	18	9,964	7,074	0.71	2.68	9,682	6,874	0.71	2.83	9,353	6,641	0.71	3.03
24	20	10,716	6,322	0.59	2.76	10,481	6,184	0.59	2.90	10,199	6,017	0.59	3.09
24	22	11,421	5,368	0.47	2.83	11,186	5,257	0.47	2.99	10,904	5,125	0.47	3.19
26	16	9,306	8,468	0.91	2.63	9,024	8,212	0.91	2.78	8,742	7,955	0.91	2.94
26	18	9,964	7,872	0.79	2.68	9,682	7,649	0.79	2.83	9,353	7,389	0.79	3.03
26	20	10,716	7,180	0.67	2.76	10,481	7,022	0.67	2.90	10,199	6,833	0.67	3.09
26	22	11,421	6,282	0.55	2.83	11,186	6,152	0.55	2.99	10,904	5,997	0.55	3.19
27	16	9,306	8,841	0.95	2.63	9,024	8,573	0.95	2.78	8,742	8,305	0.95	2.94
27	18	9,964	8,270	0.83	2.68	9,682	8,036	0.83	2.83	9,353	7,763	0.83	3.03
27	20	10,716	7,608	0.71	2.76	10,481	7,442	0.71	2.90	10,199	7,241	0.71	3.09
27	22	11,421	6,738	0.59	2.83	11,186	6,600	0.59	2.99	10,904	6,433	0.59	3.19
28	16	9,306	9,213	0.99	2.63	9,024	8,934	0.99	2.78	8,742	8,655	0.99	2.94
28	18	9,964	8,669	0.87	2.68	9,682	8,423	0.87	2.83	9,353	8,137	0.87	3.03
28	20	10,716	8,037	0.75	2.76	10,481	7,861	0.75	2.90	10,199	7,649	0.75	3.09
28	22	11,421	7,195	0.63	2.83	11,186	7,047	0.63	2.99	10,904	6,870	0.63	3.19
30	16	9,306	9,306	1.00	2.63	9,024	9,024	1.00	2.78	8,742	8,742	1.00	2.94
30	18	9,964	9,466	0.95	2.68	9,682	9,198	0.95	2.83	9,353	8,885	0.95	3.03
30	20	10,716	8,894	0.83	2.76	10,481	8,699	0.83	2.90	10,199	8,465	0.83	3.09
30	22	11,421	8,109	0.71	2.83	11,186	7,942	0.71	2.99	10,904	7,742	0.71	3.19
32	16	9,306	9,306	1.00	2.63	9,024	9,024	1.00	2.78	8,742	8,742	1.00	2.94
32	18	9,964	9,964	1.00	2.68	9,682	9,682	1.00	2.83	9,353	9,353	1.00	3.03
32	20	10,716	9,752	0.91	2.76	10,481	9,538	0.91	2.90	10,199	9,281	0.91	3.09
32	22	11,421	9,023	0.79	2.83	11,186	8,837	0.79	2.99	10,904	8,614	0.79	3.19
34	16	9,306	9,306	1.00	2.63	9,024	9,024	1.00	2.78	8,742	8,742	1.00	2.94
34	18	9,964	9,964	1.00	2.68	9,682	9,682	1.00	2.83	9,353	9,353	1.00	3.03
34	20	10,716	10,609	0.99	2.76	10,481	10,376	0.99	2.90	10,199	10,097	0.99	3.09
34	22	11,421	9,936	0.87	2.83	11,186	9,732	0.87	2.99	10,904	9,486	0.87	3.19

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,605	0.67	3.16	7,990	5,353	0.67	3.39	7,614	5,101	0.67	3.67
20	18	9,024	4,963	0.55	3.24	8,742	4,808	0.55	3.49	8,178	4,498	0.55	3.75
20	20	9,776	4,204	0.43	3.32	9,400	4,042	0.43	3.55	8,836	3,799	0.43	3.82
22	16	8,366	6,275	0.75	3.16	7,990	5,993	0.75	3.39	7,614	5,711	0.75	3.67
22	18	9,024	5,685	0.63	3.24	8,742	5,507	0.63	3.49	8,178	5,152	0.63	3.75
22	20	9,776	4,986	0.51	3.32	9,400	4,794	0.51	3.55	8,836	4,506	0.51	3.82
24	16	8,366	6,944	0.83	3.16	7,990	6,632	0.83	3.39	7,614	6,320	0.83	3.67
24	18	9,024	6,407	0.71	3.24	8,742	6,207	0.71	3.49	8,178	5,806	0.71	3.75
24	20	9,776	5,768	0.59	3.32	9,400	5,546	0.59	3.55	8,836	5,213	0.59	3.82
24	22	10,528	4,948	0.47	3.39	10,152	4,771	0.47	3.65	9,588	4,506	0.47	3.88
26	16	8,366	7,613	0.91	3.16	7,990	7,271	0.91	3.39	7,614	6,929	0.91	3.67
26	18	9,024	7,129	0.79	3.24	8,742	6,906	0.79	3.49	8,178	6,461	0.79	3.75
26	20	9,776	6,550	0.67	3.32	9,400	6,298	0.67	3.55	8,836	5,920	0.67	3.82
26	22	10,528	5,790	0.55	3.39	10,152	5,584	0.55	3.65	9,588	5,273	0.55	3.88
27	16	8,366	7,948	0.95	3.16	7,990	7,591	0.95	3.39	7,614	7,233	0.95	3.67
27	18	9,024	7,490	0.83	3.24	8,742	7,256	0.83	3.49	8,178	6,788	0.83	3.75
27	20	9,776	6,941	0.71	3.32	9,400	6,674	0.71	3.55	8,836	6,274	0.71	3.82
27	22	10,528	6,212	0.59	3.39	10,152	5,990	0.59	3.65	9,588	5,657	0.59	3.88
28	16	8,366	8,282	0.99	3.16	7,990	7,910	0.99	3.39	7,614	7,538	0.99	3.67
28	18	9,024	7,851	0.87	3.24	8,742	7,606	0.87	3.49	8,178	7,115	0.87	3.75
28	20	9,776	7,332	0.75	3.32	9,400	7,050	0.75	3.55	8,836	6,627	0.75	3.82
28	22	10,528	6,633	0.63	3.39	10,152	6,396	0.63	3.65	9,588	6,040	0.63	3.88
30	16	8,366	8,366	1.00	3.16	7,990	7,990	1.00	3.39	7,614	7,614	1.00	3.67
30	18	9,024	8,573	0.95	3.24	8,742	8,305	0.95	3.49	8,178	7,769	0.95	3.75
30	20	9,776	8,114	0.83	3.32	9,400	7,802	0.83	3.55	8,836	7,334	0.83	3.82
30	22	10,528	7,475	0.71	3.39	10,152	7,208	0.71	3.65	9,588	6,807	0.71	3.88
32	16	8,366	8,366	1.00	3.16	7,990	7,990	1.00	3.39	7,614	7,614	1.00	3.67
32	18	9,024	9,024	1.00	3.24	8,742	8,742	1.00	3.49	8,178	8,178	1.00	3.75
32	20	9,776	8,896	0.91	3.32	9,400	8,554	0.91	3.55	8,836	8,041	0.91	3.82
32	22	10,528	8,317	0.79	3.39	10,152	8,020	0.79	3.65	9,588	7,575	0.79	3.88
34	16	8,366	8,366	1.00	3.16	7,990	7,990	1.00	3.39	7,614	7,614	1.00	3.67
34	18	9,024	9,024	1.00	3.24	8,742	8,742	1.00	3.49	8,178	8,178	1.00	3.75
34	20	9,776	9,678	0.99	3.32	9,400	9,306	0.99	3.55	8,836	8,748	0.99	3.82
34	22	10,528	9,159	0.87	3.39	10,152	8,832	0.87	3.65	9,588	8,342	0.87	3.88

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SM125EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,547	0.63	3.39	11,616	7,318	0.63	3.58	11,253	7,089	0.63	3.79
20	18	12,826	6,541	0.51	3.46	12,463	6,356	0.51	3.65	12,040	6,140	0.51	3.90
20	20	13,794	5,380	0.39	3.56	13,492	5,262	0.39	3.73	13,129	5,120	0.39	3.99
22	16	11,979	8,505	0.71	3.39	11,616	8,247	0.71	3.58	11,253	7,990	0.71	3.79
22	18	12,826	7,567	0.59	3.46	12,463	7,353	0.59	3.65	12,040	7,103	0.59	3.90
22	20	13,794	6,483	0.47	3.56	13,492	6,341	0.47	3.73	13,129	6,170	0.47	3.99
24	16	11,979	9,463	0.79	3.39	11,616	9,177	0.79	3.58	11,253	8,890	0.79	3.79
24	18	12,826	8,593	0.67	3.46	12,463	8,350	0.67	3.65	12,040	8,066	0.67	3.90
24	20	13,794	7,587	0.55	3.56	13,492	7,420	0.55	3.73	13,129	7,221	0.55	3.99
24	22	14,702	6,322	0.43	3.65	14,399	6,192	0.43	3.86	14,036	6,035	0.43	4.11
26	16	11,979	10,422	0.87	3.39	11,616	10,106	0.87	3.58	11,253	9,790	0.87	3.79
26	18	12,826	9,620	0.75	3.46	12,463	9,347	0.75	3.65	12,040	9,030	0.75	3.90
26	20	13,794	8,690	0.63	3.56	13,492	8,500	0.63	3.73	13,129	8,271	0.63	3.99
26	22	14,702	7,498	0.51	3.65	14,399	7,343	0.51	3.86	14,036	7,158	0.51	4.11
27	16	11,979	10,901	0.91	3.39	11,616	10,571	0.91	3.58	11,253	10,240	0.91	3.79
27	18	12,826	10,133	0.79	3.46	12,463	9,846	0.79	3.65	12,040	9,511	0.79	3.90
27	20	13,794	9,242	0.67	3.56	13,492	9,039	0.67	3.73	13,129	8,796	0.67	3.99
27	22	14,702	8,086	0.55	3.65	14,399	7,919	0.55	3.86	14,036	7,720	0.55	4.11
28	16	11,979	11,380	0.95	3.39	11,616	11,035	0.95	3.58	11,253	10,690	0.95	3.79
28	18	12,826	10,646	0.83	3.46	12,463	10,344	0.83	3.65	12,040	9,993	0.83	3.90
28	20	13,794	9,794	0.71	3.56	13,492	9,579	0.71	3.73	13,129	9,321	0.71	3.99
28	22	14,702	8,674	0.59	3.65	14,399	8,495	0.59	3.86	14,036	8,281	0.59	4.11
30	16	11,979	11,979	1.00	3.39	11,616	11,616	1.00	3.58	11,253	11,253	1.00	3.79
30	18	12,826	11,672	0.91	3.46	12,463	11,341	0.91	3.65	12,040	10,956	0.91	3.90
30	20	13,794	10,897	0.79	3.56	13,492	10,658	0.79	3.73	13,129	10,372	0.79	3.99
30	22	14,702	9,850	0.67	3.65	14,399	9,647	0.67	3.86	14,036	9,404	0.67	4.11
32	16	11,979	11,979	1.00	3.39	11,616	11,616	1.00	3.58	11,253	11,253	1.00	3.79
32	18	12,826	12,698	0.99	3.46	12,463	12,338	0.99	3.65	12,040	11,919	0.99	3.90
32	20	13,794	12,001	0.87	3.56	13,492	11,738	0.87	3.73	13,129	11,422	0.87	3.99
32	22	14,702	11,026	0.75	3.65	14,399	10,799	0.75	3.86	14,036	10,527	0.75	4.11
34	16	11,979	11,979	1.00	3.39	11,616	11,616	1.00	3.58	11,253	11,253	1.00	3.79
34	18	12,826	12,826	1.00	3.46	12,463	12,463	1.00	3.65	12,040	12,040	1.00	3.90
34	20	13,794	13,104	0.95	3.56	13,492	12,817	0.95	3.73	13,129	12,472	0.95	3.99
34	22	14,702	12,202	0.83	3.65	14,399	11,951	0.83	3.86	14,036	11,650	0.83	4.11

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,784	0.63	4.07	10,285	6,480	0.63	4.37	9,801	6,175	0.63	4.73
20	18	11,616	5,924	0.51	4.18	11,253	5,739	0.51	4.49	10,527	5,369	0.51	4.83
20	20	12,584	4,908	0.39	4.28	12,100	4,719	0.39	4.58	11,374	4,436	0.39	4.92
22	16	10,769	7,646	0.71	4.07	10,285	7,302	0.71	4.37	9,801	6,959	0.71	4.73
22	18	11,616	6,853	0.59	4.18	11,253	6,639	0.59	4.49	10,527	6,211	0.59	4.83
22	20	12,584	5,914	0.47	4.28	12,100	5,687	0.47	4.58	11,374	5,346	0.47	4.92
24	16	10,769	8,508	0.79	4.07	10,285	8,125	0.79	4.37	9,801	7,743	0.79	4.73
24	18	11,616	7,783	0.67	4.18	11,253	7,540	0.67	4.49	10,527	7,053	0.67	4.83
24	20	12,584	6,921	0.55	4.28	12,100	6,655	0.55	4.58	11,374	6,256	0.55	4.92
24	22	13,552	5,827	0.43	4.37	13,068	5,619	0.43	4.71	12,342	5,307	0.43	5.00
26	16	10,769	9,369	0.87	4.07	10,285	8,948	0.87	4.37	9,801	8,527	0.87	4.73
26	18	11,616	8,712	0.75	4.18	11,253	8,440	0.75	4.49	10,527	7,895	0.75	4.83
26	20	12,584	7,928	0.63	4.28	12,100	7,623	0.63	4.58	11,374	7,166	0.63	4.92
26	22	13,552	6,912	0.51	4.37	13,068	6,665	0.51	4.71	12,342	6,294	0.51	5.00
27	16	10,769	9,800	0.91	4.07	10,285	9,359	0.91	4.37	9,801	8,919	0.91	4.73
27	18	11,616	9,177	0.79	4.18	11,253	8,890	0.79	4.49	10,527	8,316	0.79	4.83
27	20	12,584	8,431	0.67	4.28	12,100	8,107	0.67	4.58	11,374	7,621	0.67	4.92
27	22	13,552	7,454	0.55	4.37	13,068	7,187	0.55	4.71	12,342	6,788	0.55	5.00
28	16	10,769	10,231	0.95	4.07	10,285	9,771	0.95	4.37	9,801	9,311	0.95	4.73
28	18	11,616	9,641	0.83	4.18	11,253	9,340	0.83	4.49	10,527	8,737	0.83	4.83
28	20	12,584	8,935	0.71	4.28	12,100	8,591	0.71	4.58	11,374	8,076	0.71	4.92
28	22	13,552	7,996	0.59	4.37	13,068	7,710	0.59	4.71	12,342	7,282	0.59	5.00
30	16	10,769	10,769	1.00	4.07	10,285	10,285	1.00	4.37	9,801	9,801	1.00	4.73
30	18	11,616	10,571	0.91	4.18	11,253	10,240	0.91	4.49	10,527	9,580	0.91	4.83
30	20	12,584	9,941	0.79	4.28	12,100	9,559	0.79	4.58	11,374	8,985	0.79	4.92
30	22	13,552	9,080	0.67	4.37	13,068	8,756	0.67	4.71	12,342	8,269	0.67	5.00
32	16	10,769	10,769	1.00	4.07	10,285	10,285	1.00	4.37	9,801	9,801	1.00	4.73
32	18	11,616	11,500	0.99	4.18	11,253	11,140	0.99	4.49	10,527	10,422	0.99	4.83
32	20	12,584	10,948	0.87	4.28	12,100	10,527	0.87	4.58	11,374	9,895	0.87	4.92
32	22	13,552	10,164	0.75	4.37	13,068	9,801	0.75	4.71	12,342	9,257	0.75	5.00
34	16	10,769	10,769	1.00	4.07	10,285	10,285	1.00	4.37	9,801	9,801	1.00	4.73
34	18	11,616	11,616	1.00	4.18	11,253	11,253	1.00	4.49	10,527	10,527	1.00	4.83
34	20	12,584	11,955	0.95	4.28	12,100	11,495	0.95	4.58	11,374	10,805	0.95	4.92
34	22	13,552	11,248	0.83	4.37	13,068	10,846	0.83	4.71	12,342	10,244	0.83	5.00

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

COOLING CAPACITY
PLA-SM140EA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,078	0.60	4.51	13,056	7,834	0.60	4.77	12,648	7,589	0.60	5.05
20	18	14,416	6,920	0.48	4.60	14,008	6,724	0.48	4.85	13,532	6,495	0.48	5.19
20	20	15,504	5,581	0.36	4.74	15,164	5,459	0.36	4.96	14,756	5,312	0.36	5.30
22	16	13,464	9,156	0.68	4.51	13,056	8,878	0.68	4.77	12,648	8,601	0.68	5.05
22	18	14,416	8,073	0.56	4.60	14,008	7,844	0.56	4.85	13,532	7,578	0.56	5.19
22	20	15,504	6,822	0.44	4.74	15,164	6,672	0.44	4.96	14,756	6,493	0.44	5.30
24	16	13,464	10,233	0.76	4.51	13,056	9,923	0.76	4.77	12,648	9,612	0.76	5.05
24	18	14,416	9,226	0.64	4.60	14,008	8,965	0.64	4.85	13,532	8,660	0.64	5.19
24	20	15,504	8,062	0.52	4.74	15,164	7,885	0.52	4.96	14,756	7,673	0.52	5.30
24	22	16,524	6,610	0.40	4.85	16,184	6,474	0.40	5.13	15,776	6,310	0.40	5.47
26	16	13,464	11,310	0.84	4.51	13,056	10,967	0.84	4.77	12,648	10,624	0.84	5.05
26	18	14,416	10,380	0.72	4.60	14,008	10,086	0.72	4.85	13,532	9,743	0.72	5.19
26	20	15,504	9,302	0.60	4.74	15,164	9,098	0.60	4.96	14,756	8,854	0.60	5.30
26	22	16,524	7,932	0.48	4.85	16,184	7,768	0.48	5.13	15,776	7,572	0.48	5.47
27	16	13,464	11,848	0.88	4.51	13,056	11,489	0.88	4.77	12,648	11,130	0.88	5.05
27	18	14,416	10,956	0.76	4.60	14,008	10,646	0.76	4.85	13,532	10,284	0.76	5.19
27	20	15,504	9,923	0.64	4.74	15,164	9,705	0.64	4.96	14,756	9,444	0.64	5.30
27	22	16,524	8,592	0.52	4.85	16,184	8,416	0.52	5.13	15,776	8,204	0.52	5.47
28	16	13,464	12,387	0.92	4.51	13,056	12,012	0.92	4.77	12,648	11,636	0.92	5.05
28	18	14,416	11,533	0.80	4.60	14,008	11,206	0.80	4.85	13,532	10,826	0.80	5.19
28	20	15,504	10,543	0.68	4.74	15,164	10,312	0.68	4.96	14,756	10,034	0.68	5.30
28	22	16,524	9,253	0.56	4.85	16,184	9,063	0.56	5.13	15,776	8,835	0.56	5.47
30	16	13,464	13,464	1.00	4.51	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.05
30	18	14,416	12,686	0.88	4.60	14,008	12,327	0.88	4.85	13,532	11,908	0.88	5.19
30	20	15,504	11,783	0.76	4.74	15,164	11,525	0.76	4.96	14,756	11,215	0.76	5.30
30	22	16,524	10,575	0.64	4.85	16,184	10,358	0.64	5.13	15,776	10,097	0.64	5.47
32	16	13,464	13,464	1.00	4.51	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.05
32	18	14,416	13,839	0.96	4.60	14,008	13,448	0.96	4.85	13,532	12,991	0.96	5.19
32	20	15,504	13,023	0.84	4.74	15,164	12,738	0.84	4.96	14,756	12,395	0.84	5.30
32	22	16,524	11,897	0.72	4.85	16,184	11,652	0.72	5.13	15,776	11,359	0.72	5.47
34	16	13,464	13,464	1.00	4.51	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.05
34	18	14,416	14,416	1.00	4.60	14,008	14,008	1.00	4.85	13,532	13,532	1.00	5.19
34	20	15,504	14,264	0.92	4.74	15,164	13,951	0.92	4.96	14,756	13,576	0.92	5.30
34	22	16,524	13,219	0.80	4.85	16,184	12,947	0.80	5.13	15,776	12,621	0.80	5.47

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,262	0.60	5.41	11,560	6,936	0.60	5.81	11,016	6,610	0.60	6.29
20	18	13,056	6,267	0.48	5.56	12,648	6,071	0.48	5.98	11,832	5,679	0.48	6.43
20	20	14,144	5,092	0.36	5.70	13,600	4,896	0.36	6.09	12,784	4,602	0.36	6.54
22	16	12,104	8,231	0.68	5.41	11,560	7,861	0.68	5.81	11,016	7,491	0.68	6.29
22	18	13,056	7,311	0.56	5.56	12,648	7,083	0.56	5.98	11,832	6,626	0.56	6.43
22	20	14,144	6,223	0.44	5.70	13,600	5,984	0.44	6.09	12,784	5,625	0.44	6.54
24	16	12,104	9,199	0.76	5.41	11,560	8,786	0.76	5.81	11,016	8,372	0.76	6.29
24	18	13,056	8,356	0.64	5.56	12,648	8,095	0.64	5.98	11,832	7,572	0.64	6.43
24	20	14,144	7,355	0.52	5.70	13,600	7,072	0.52	6.09	12,784	6,648	0.52	6.54
24	22	15,232	6,093	0.40	5.81	14,688	5,875	0.40	6.26	13,872	5,549	0.40	6.66
26	16	12,104	10,167	0.84	5.41	11,560	9,710	0.84	5.81	11,016	9,253	0.84	6.29
26	18	13,056	9,400	0.72	5.56	12,648	9,107	0.72	5.98	11,832	8,519	0.72	6.43
26	20	14,144	8,486	0.60	5.70	13,600	8,160	0.60	6.09	12,784	7,670	0.60	6.54
26	22	15,232	7,311	0.48	5.81	14,688	7,050	0.48	6.26	13,872	6,659	0.48	6.66
27	16	12,104	10,652	0.88	5.41	11,560	10,173	0.88	5.81	11,016	9,694	0.88	6.29
27	18	13,056	9,923	0.76	5.56	12,648	9,612	0.76	5.98	11,832	8,992	0.76	6.43
27	20	14,144	9,052	0.64	5.70	13,600	8,704	0.64	6.09	12,784	8,182	0.64	6.54
27	22	15,232	7,921	0.52	5.81	14,688	7,638	0.52	6.26	13,872	7,213	0.52	6.66
28	16	12,104	11,136	0.92	5.41	11,560	10,635	0.92	5.81	11,016	10,135	0.92	6.29
28	18	13,056	10,445	0.80	5.56	12,648	10,118	0.80	5.98	11,832	9,466	0.80	6.43
28	20	14,144	9,618	0.68	5.70	13,600	9,248	0.68	6.09	12,784	8,693	0.68	6.54
28	22	15,232	8,530	0.56	5.81	14,688	8,225	0.56	6.26	13,872	7,768	0.56	6.66
30	16	12,104	12,104	1.00	5.41	11,560	11,560	1.00	5.81	11,016	11,016	1.00	6.29
30	18	13,056	11,489	0.88	5.56	12,648	11,130	0.88	5.98	11,832	10,412	0.88	6.43
30	20	14,144	10,749	0.76	5.70	13,600	10,336	0.76	6.09	12,784	9,716	0.76	6.54
30	22	15,232	9,748	0.64	5.81	14,688	9,400	0.64	6.26	13,872	8,878	0.64	6.66
32	16	12,104	12,104	1.00	5.41	11,560	11,560	1.00	5.81	11,016	11,016	1.00	6.29
32	18	13,056	12,534	0.96	5.56	12,648	12,142	0.96	5.98	11,832	11,359	0.96	6.43
32	20	14,144	11,881	0.84	5.70	13,600	11,424	0.84	6.09	12,784	10,739	0.84	6.54
32	22	15,232	10,967	0.72	5.81	14,688	10,575	0.72	6.26	13,872	9,988	0.72	6.66
34	16	12,104	12,104	1.00	5.41	11,560	11,560	1.00	5.81	11,016	11,016	1.00	6.29
34	18	13,056	13,056	1.00	5.56	12,648	12,648	1.00	5.98	11,832	11,832	1.00	6.43
34	20	14,144	13,012	0.92	5.70	13,600	12,512	0.92	6.09	12,784	11,761	0.92	6.54
34	22	15,232	12,186	0.80	5.81	14,688	11,750	0.80	6.26	13,872	11,098	0.80	6.66

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

HEATING CAPACITY
PLA-ZM-EA / 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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZM100EA	15	11,648	4.59	11,648	4.41	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-ZM125EA	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

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-M-EA / 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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-M100EA	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-M125EA	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

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-ZM-EA / 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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZM35EA	15	2,604	0.50	2,829	0.55	3,157	0.64	4,141	0.77	4,674	0.85	5,207	0.92
	20	2,501	0.54	2,706	0.60	2,993	0.69	3,998	0.82	4,510	0.92	5,023	0.99
	25	2,419	0.58	2,624	0.65	2,870	0.75	3,772	0.88	4,346	0.98	4,838	1.06
PLA-ZM50EA	15	3,810	0.91	4,140	1.01	4,620	1.16	6,060	1.40	6,840	1.55	7,620	1.67
	20	3,660	0.99	3,960	1.09	4,380	1.26	5,850	1.50	6,600	1.67	7,350	1.80
	25	3,540	1.05	3,840	1.18	4,200	1.36	5,520	1.60	6,360	1.79	7,080	1.93
PLA-ZM60EA	15	4,445	1.12	4,830	1.23	5,390	1.42	7,070	1.70	7,980	1.89	8,890	2.04
	20	4,270	1.21	4,620	1.32	5,110	1.53	6,825	1.83	7,700	2.04	8,575	2.19
	25	4,130	1.29	4,480	1.44	4,900	1.66	6,440	1.95	7,420	2.18	8,260	2.35
PLA-ZM71EA	15	5,080	1.12	5,520	1.24	6,160	1.43	8,080	1.71	9,120	1.90	10,160	2.05
	20	4,880	1.22	5,280	1.33	5,840	1.54	7,800	1.84	8,800	2.05	9,800	2.20
	25	4,720	1.29	5,120	1.44	5,600	1.67	7,360	1.96	8,480	2.19	9,440	2.37
PLA-ZM100EA	15	7,112	1.53	7,728	1.69	8,624	1.95	11,312	2.34	12,768	2.60	14,224	2.81
	20	6,832	1.66	7,392	1.82	8,176	2.11	10,920	2.52	12,320	2.81	13,720	3.02
	25	6,608	1.77	7,168	1.98	7,840	2.29	10,304	2.68	11,872	3.00	13,216	3.24
PLA-ZM125EA	15	8,890	2.17	9,660	2.39	10,780	2.75	14,140	3.30	15,960	3.67	17,780	3.96
	20	8,540	2.35	9,240	2.57	10,220	2.97	13,650	3.56	15,400	3.96	17,150	4.26
	25	8,260	2.50	8,960	2.79	9,800	3.23	12,880	3.78	14,840	4.24	16,520	4.57
PLA-ZM140EA	15	10,160	2.86	11,040	3.15	12,320	3.63	16,160	4.36	18,240	4.84	20,320	5.23
	20	9,760	3.10	10,560	3.39	11,680	3.92	15,600	4.69	17,600	5.23	19,600	5.61
	25	9,440	3.29	10,240	3.68	11,200	4.26	14,720	4.99	16,960	5.59	18,880	6.03

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-ZM71EA / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZM71EA	15	5,080	1.24	5,520	1.37	6,160	1.58	8,080	1.90	9,120	2.11	10,160	2.28
	20	4,880	1.35	5,280	1.48	5,840	1.71	7,800	2.05	8,800	2.28	9,800	2.45
	25	4,720	1.43	5,120	1.60	5,600	1.86	7,360	2.17	8,480	2.44	9,440	2.63

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-M·EA / 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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-M35EA	15	2,604	0.54	2,829	0.60	3,157	0.69	4,141	0.83	4,674	0.92	5,207	0.99
	20	2,501	0.59	2,706	0.64	2,993	0.75	3,998	0.89	4,510	0.99	5,023	1.07
	25	2,419	0.63	2,624	0.70	2,870	0.81	3,772	0.95	4,346	1.06	4,838	1.15
PLA-M50EA	15	3,810	1.07	4,140	1.18	4,620	1.36	6,060	1.63	6,840	1.81	7,620	1.95
	20	3,660	1.16	3,960	1.27	4,380	1.47	5,850	1.76	6,600	1.95	7,350	2.10
	25	3,540	1.23	3,840	1.38	4,200	1.59	5,520	1.86	6,360	2.09	7,080	2.25
PLA-M60EA	15	4,445	1.22	4,830	1.35	5,390	1.55	7,070	1.86	7,980	2.07	8,890	2.24
	20	4,270	1.32	4,620	1.45	5,110	1.68	6,825	2.01	7,700	2.24	8,575	2.40
	25	4,130	1.41	4,480	1.57	4,900	1.82	6,440	2.13	7,420	2.39	8,260	2.58
PLA-M71EA	15	5,080	1.24	5,520	1.37	6,160	1.58	8,080	1.90	9,120	2.11	10,160	2.28
	20	4,880	1.35	5,280	1.48	5,840	1.71	7,800	2.05	8,800	2.28	9,800	2.45
	25	4,720	1.43	5,120	1.60	5,600	1.86	7,360	2.17	8,480	2.44	9,440	2.63
PLA-M100EA	15	7,112	1.59	7,728	1.75	8,624	2.02	11,312	2.42	12,768	2.69	14,224	2.91
	20	6,832	1.72	7,392	1.88	8,176	2.18	10,920	2.61	12,320	2.91	13,720	3.12
	25	6,608	1.83	7,168	2.04	7,840	2.37	10,304	2.77	11,872	3.11	13,216	3.35
PLA-M125EA	15	8,890	2.22	9,660	2.45	10,780	2.83	14,140	3.39	15,960	3.77	17,780	4.07
	20	8,540	2.41	9,240	2.64	10,220	3.05	13,650	3.66	15,400	4.07	17,150	4.37
	25	8,260	2.56	8,960	2.87	9,800	3.32	12,880	3.88	14,840	4.35	16,520	4.69
PLA-M140EA	15	10,160	2.89	11,040	3.19	12,320	3.68	16,160	4.41	18,240	4.90	20,320	5.29
	20	9,760	3.14	10,560	3.43	11,680	3.97	15,600	4.75	17,600	5.29	19,600	5.68
		9,440	3.33	10,240	3.72	11,200	4.31	14,720	5.05	16,960	5.66	18,880	6.10

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-M·EA / SUZ-KA·VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-20		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-M35EA	15	2,050	0.52	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
	20	1,927	0.55	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
	25	1,681	0.60	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-M50EA	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
	20	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
	25	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-M60EA	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
	20	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
	25	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-M71EA	15	4,000	1.165	5,040	1.456	6,080	1.747	7,120	1.971	8,160	2.128	9,200	2.262	10,160	2.330	11,200	2.374
	20	3,760	1.241	4,800	1.568	5,760	1.859	6,800	2.061	7,760	2.218	8,800	2.330	9,760	2.397	10,760	2.486
	25	3,280	1.344	4,320	1.680	5,360	1.971	6,320	2.173	7,360	2.330	8,400	2.442	9,360	2.509	10,400	2.576

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-M·EA / PUHZ-P·VKA PUHZ-P·YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-M100EA	15	7,112	1.92	7,728	2.12	8,624	2.45	11,312	2.93	12,768	3.26	14,224	3.52
	20	6,832	2.09	7,392	2.28	8,176	2.64	10,920	3.16	12,320	3.52	13,720	3.78
	25	6,608	2.22	7,168	2.48	7,840	2.87	10,304	3.36	11,872	3.77	13,216	4.06
PLA-M125EA	15	8,573	2.20	9,315	2.42	10,395	2.80	13,635	3.36	15,390	3.73	17,145	4.03
	20	8,235	2.39	8,910	2.61	9,855	3.02	13,163	3.62	14,850	4.03	16,538	4.33
	25	7,965	2.54	8,640	2.83	9,450	3.28	12,420	3.84	14,310	4.31	15,930	4.64
PLA-M140EA	15	9,525	2.76	10,350	3.04	11,550	3.50	15,150	4.20	17,100	4.67	19,050	5.04
	20	9,150	2.99	9,900	3.27	10,950	3.78	14,625	4.53	16,500	5.04	18,375	5.42
	25	8,850	3.18	9,600	3.55	10,500	4.11	13,800	4.81	15,900	5.39	17,700	5.81

Note: CA : Capacity (W) P.C. : Total power input (kW)

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

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-SM71EA	15	4,000	1.295	5,040	1.619	6,080	1.942	7,120	2.191	8,160	2.366	9,200	2.515	10,160	2.590	11,200	2.639
	20	3,760	1.379	4,800	1.743	5,760	2.067	6,800	2.291	7,760	2.465	8,800	2.590	9,760	2.664	10,760	2.764
	25	3,280	1.494	4,320	1.868	5,360	2.191	6,320	2.415	7,360	2.590	8,400	2.714	9,360	2.789	10,400	2.864
PLA-SM100EA	15	5,600	1.810	7,056	2.262	8,512	2.714	9,968	3.062	11,424	3.306	12,880	3.515	14,224	3.619	15,680	3.689
	20	5,264	1.928	6,720	2.436	8,064	2.888	9,520	3.202	10,864	3.445	12,320	3.619	13,664	3.724	15,064	3.863
	25	4,592	2.088	6,048	2.610	7,504	3.062	8,848	3.376	10,304	3.619	11,760	3.793	13,104	3.898	14,560	4.002

Note: CA : Capacity (W) P.C. : Total power input (kW)

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

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-SM100EA	15	7,112	2.05	7,728	2.26	8,624	2.61	11,312	3.13	12,768	3.48	14,224	3.76
	20	6,832	2.23	7,392	2.44	8,176	2.82	10,920	3.38	12,320	3.76	13,720	4.04
	25	6,608	2.37	7,168	2.64	7,840	3.06	10,304	3.58	11,872	4.02	13,216	4.33
PLA-SM125EA	15	8,573	2.33	9,315	2.57	10,395	2.96	13,635	3.56	15,390	3.95	17,145	4.27
	20	8,235	2.53	8,910	2.77	9,855	3.20	13,163	3.83	14,850	4.27	16,538	4.58
	25	7,965	2.69	8,640	3.00	9,450	3.48	12,420	4.07	14,310	4.56	15,930	4.92
PLA-SM140EA	15	9,525	2.84	10,350	3.13	11,550	3.62	15,150	4.34	17,100	4.82	19,050	5.21
	20	9,150	3.08	9,900	3.37	10,950	3.90	14,625	4.68	16,500	5.21	18,375	5.59
	25	8,850	3.28	9,600	3.66	10,500	4.24	13,800	4.96	15,900	5.57	17,700	6.00

Note: CA : Capacity (W) P.C. : Total power input (kW)

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.

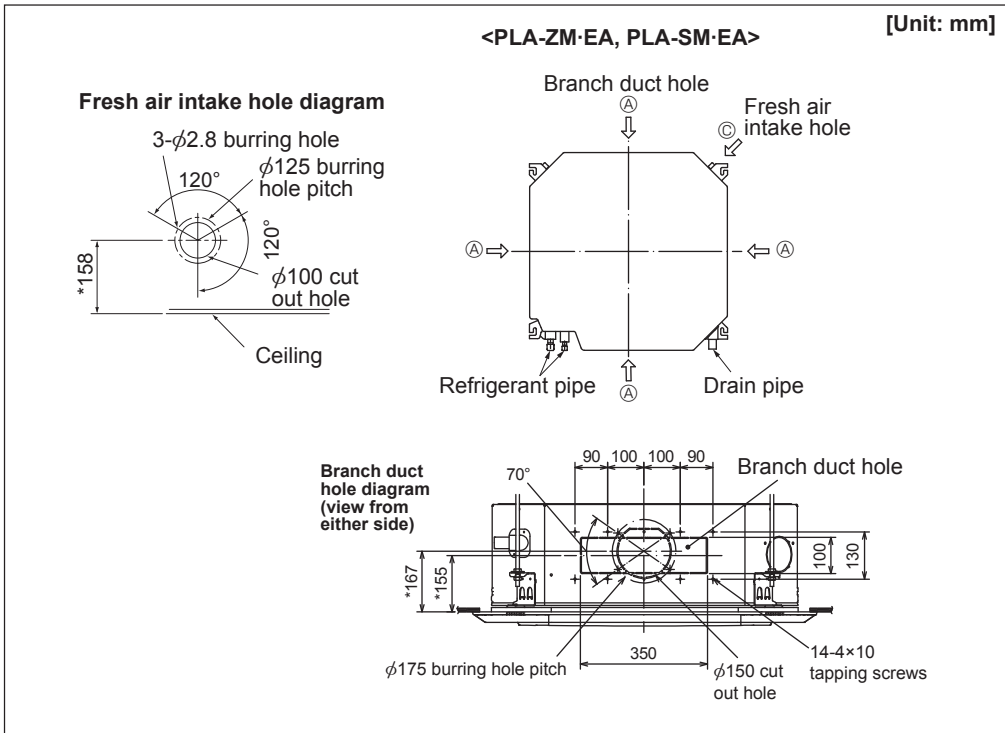
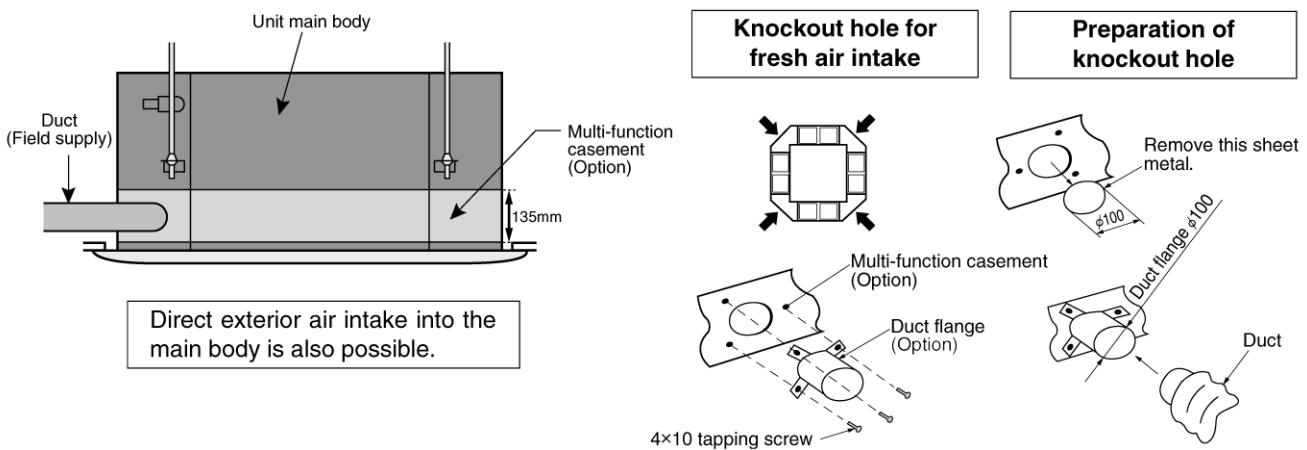


Fig. 1

2. Fresh air intake (Installation at site)

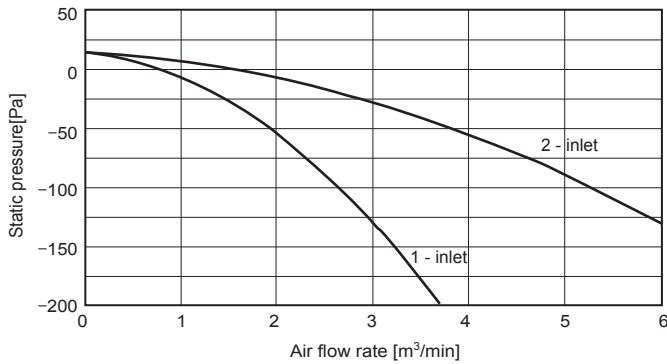
- By mounting the optional multi-function casement to the indoor unit main body, and mounting the duct and duct flange (option) onto it further, fresh exterior air intake can be accomplished.
 (The mounting of the multi-function casement increases the height of the ceiling plenum by 135mm.)



3. Fresh air intake volume & static pressure characteristics

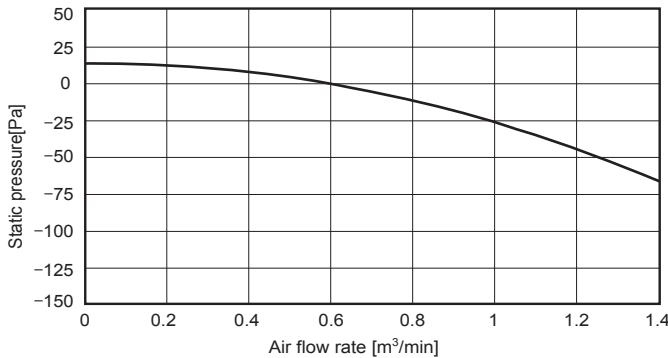
PLA-ZM35EA PLA-ZM50EA PLA-ZM60EA

① At using multi-function casement, standard filter



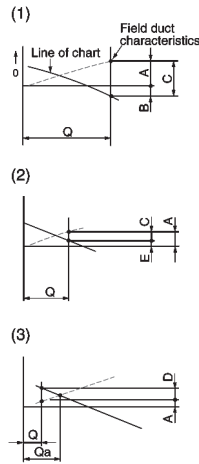
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



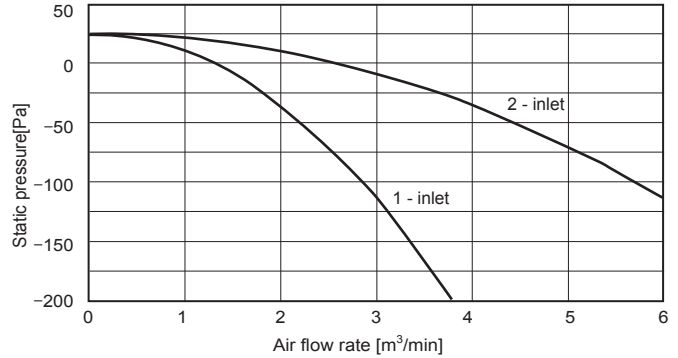
*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

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

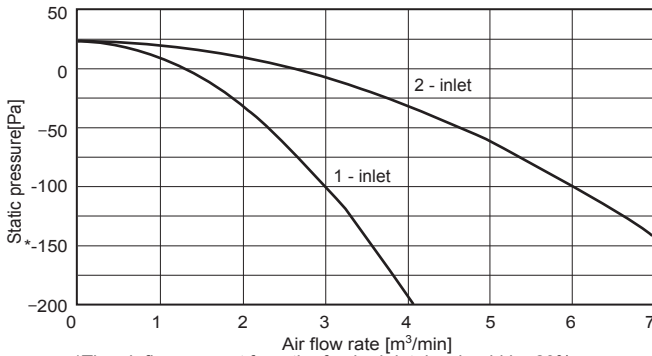
③ At using multi-function casement, high efficiency filter



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

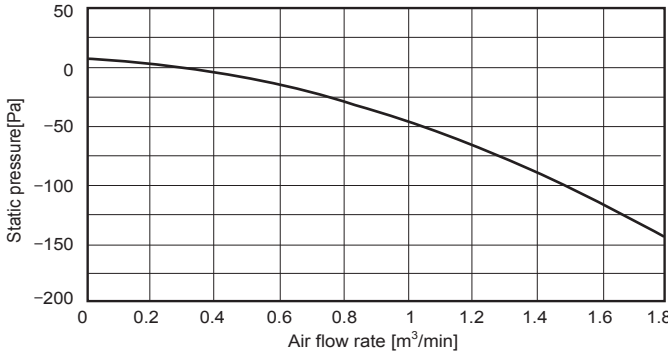
PLA-ZM71EA PLA-ZM100EA PLA-ZM125EA PLA-ZM140EA

① At using multi-function casement, standard filter



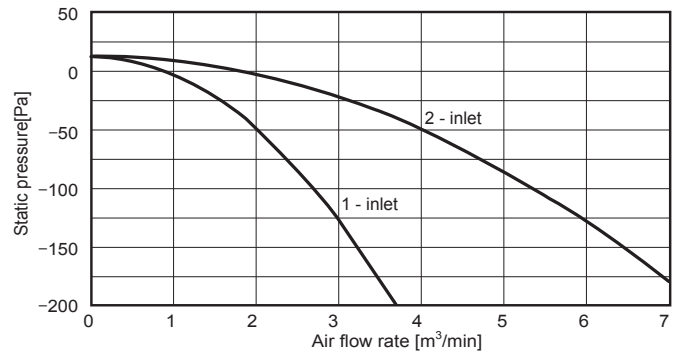
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



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

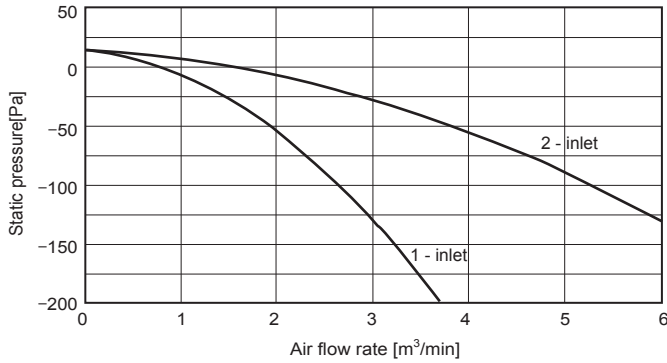
③ At using multi-function casement, high efficiency filter



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

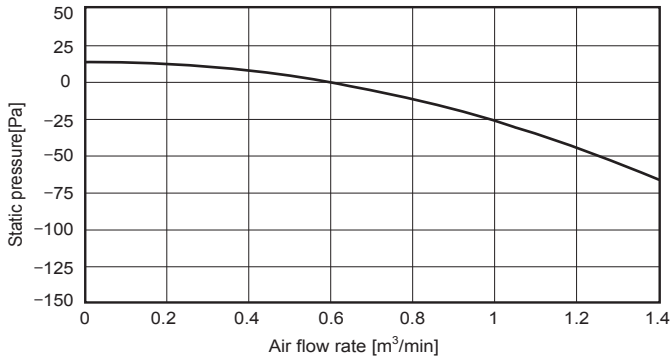
**PLA-M35EA PLA-M50EA PLA-M60EA PLA-M71EA
PLA-SM71EA**

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.

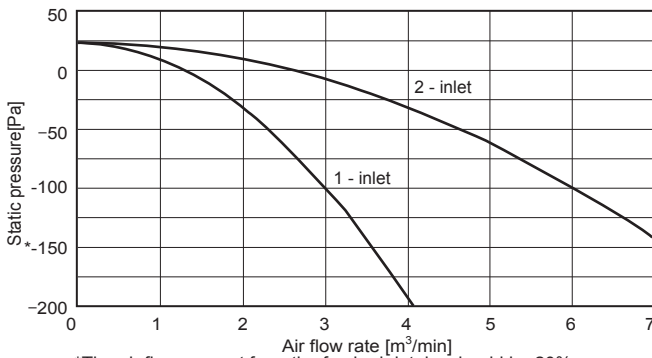
② Direct intake to unit



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

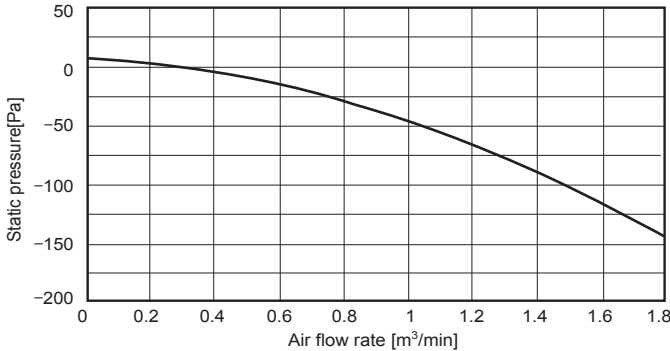
**PLA-M100EA PLA-M125EA PLA-M140EA
PLA-SM100EA PLA-SM125EA PLA-SM140EA**

① At using multi-function casement, standard filter



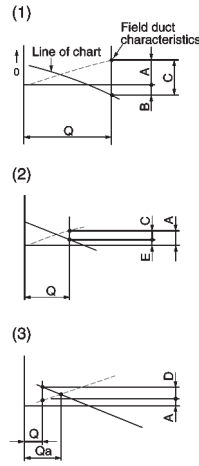
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

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

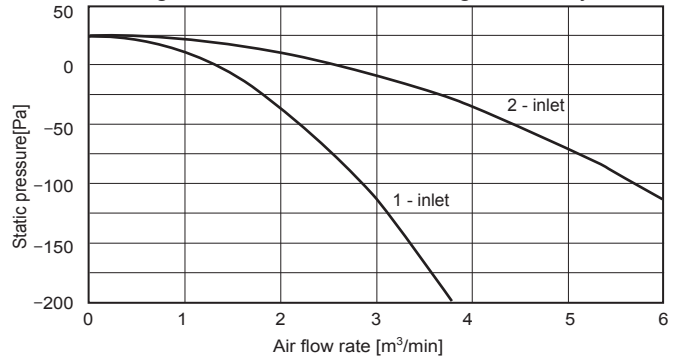
C Required static pressure [Pa] of booster fan at air flow rate of Q

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

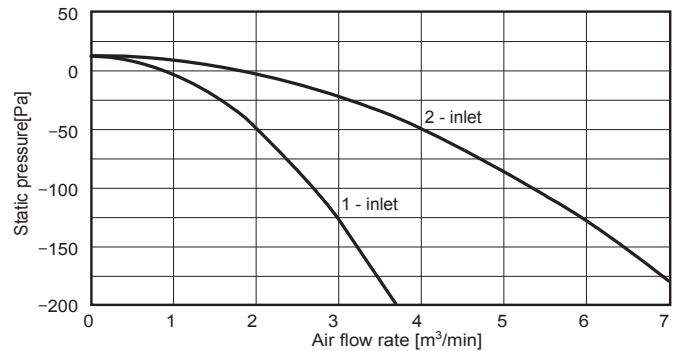
Qa .. Estimated fresh air intake [m³/min] without compensation of D

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.

③ At using multi-function casement, high efficiency filter



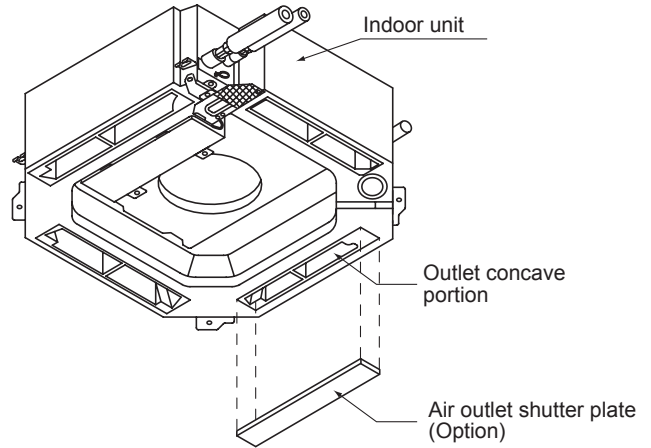
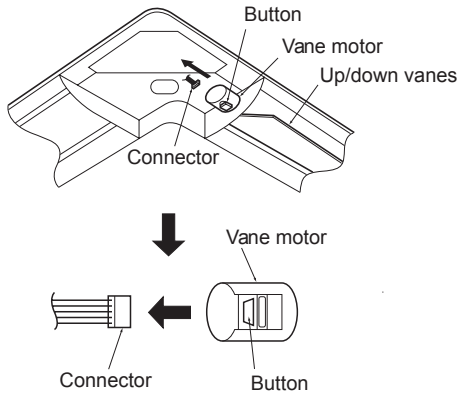
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

4. Change of outlet numbers

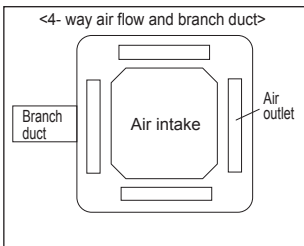
[The optional air outlet shutter is necessary.]

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

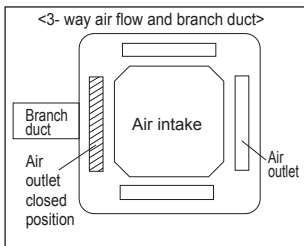
(When the air outlets are closed, close the vane by removing the vane connector.)



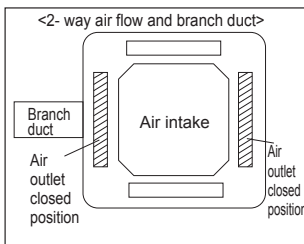
5. Branch duct and change of outlet numbers



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



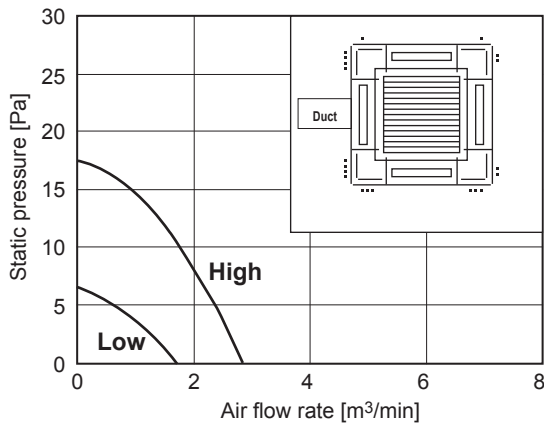
※ Close the outlet on the side of branch duct and air flows in 3 directions.



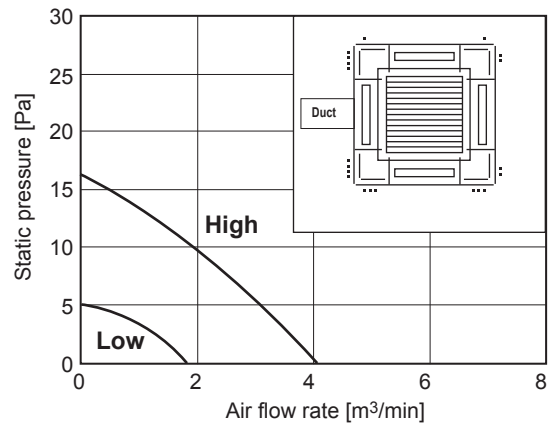
※ The outlet on the side of branch duct and one of the other outlets are closed. Air flow in 2 directions.

PLA-ZM71EA

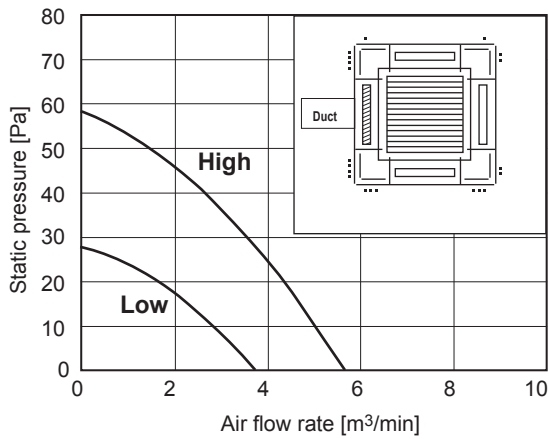
●4-way air flow (horizontal vane) Round duct



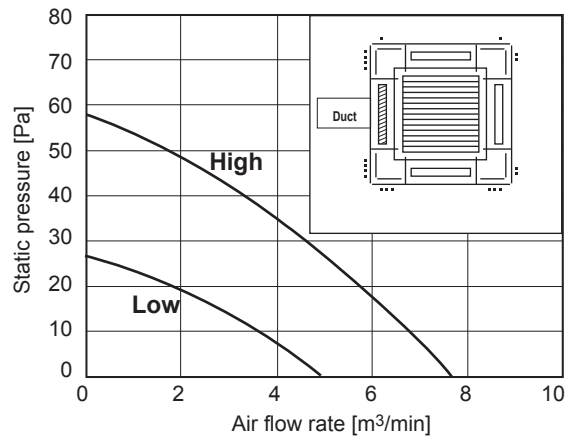
●4-way air flow (horizontal vane) Rectangular duct



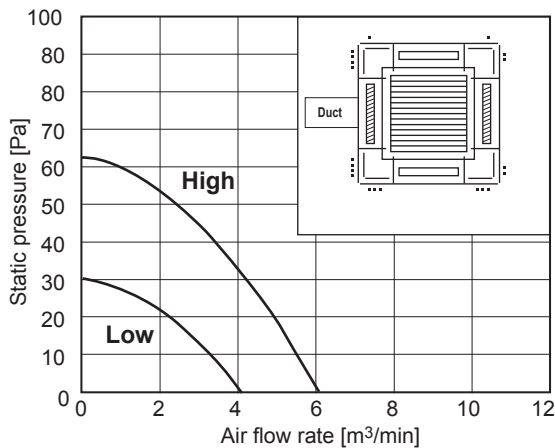
●3-way air flow (horizontal vane) Round duct



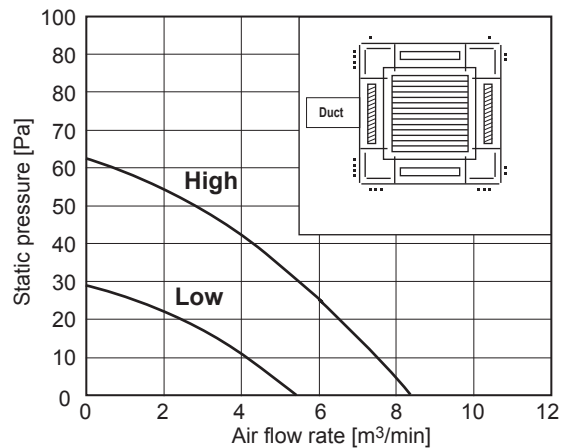
●3-way air flow (horizontal vane) Rectangular duct



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



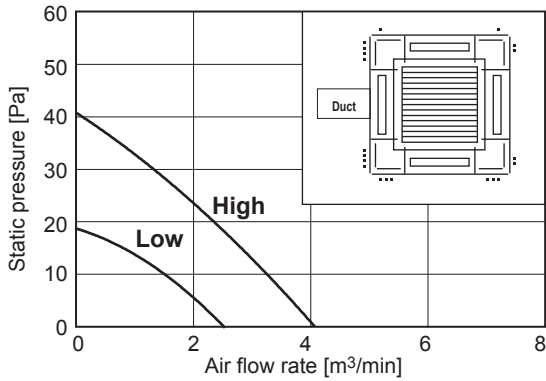
●2-way air flow (horizontal vane) Rectangular duct



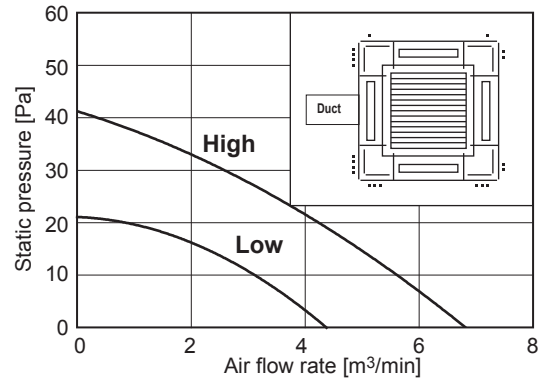
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM35,50,60EA PLA-M35,50,60EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM71EA.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-ZM140EA

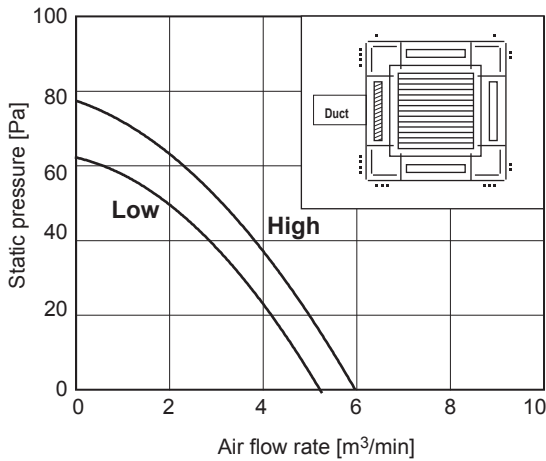
●4-way air flow (horizontal vane) Round duct



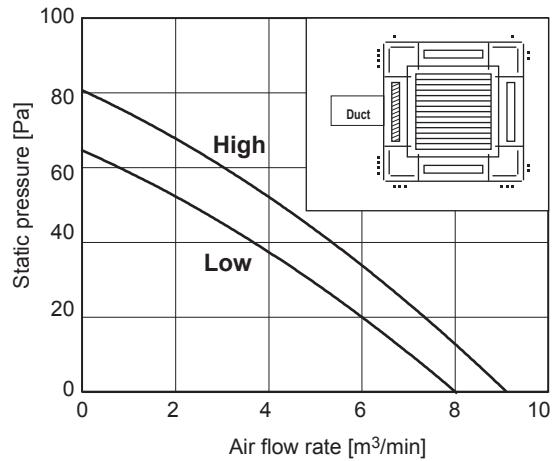
●4-way air flow (horizontal vane) Rectangular duct



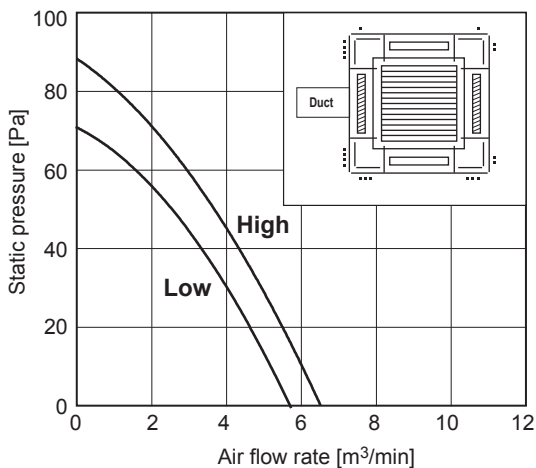
●3-way air flow (horizontal vane) Round duct



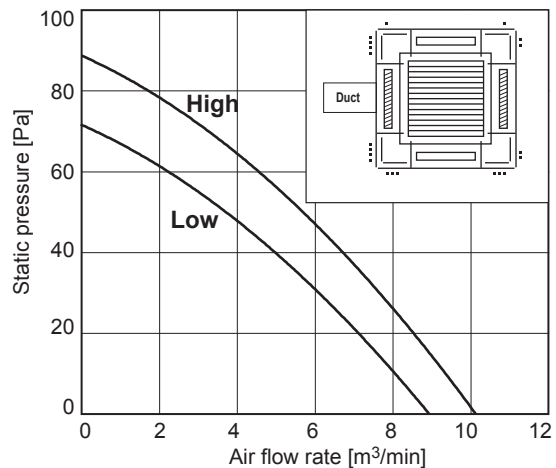
●3-way air flow (horizontal vane) Rectangular duct



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



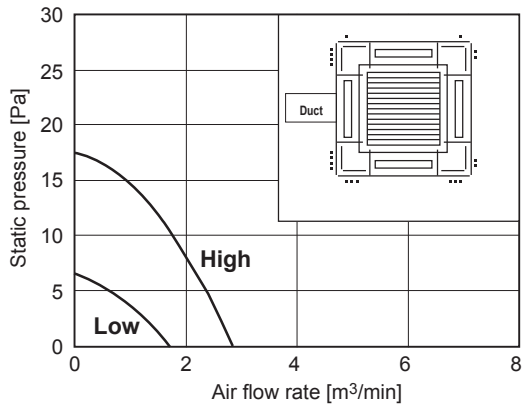
●2-way air flow (horizontal vane) Rectangular duct



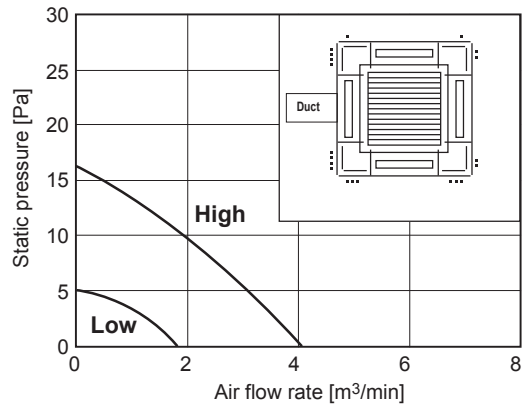
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM71,100,125EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM140EA.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-M71EA

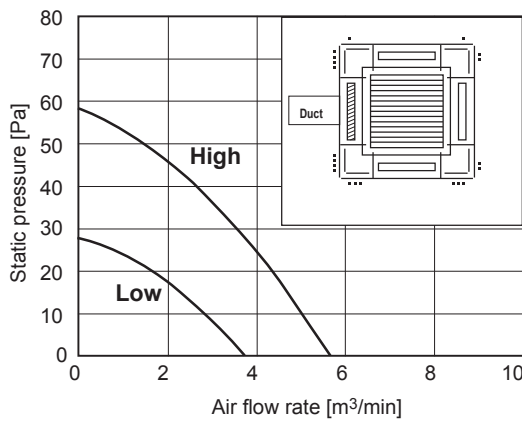
●4-way air flow (horizontal vane) Round duct



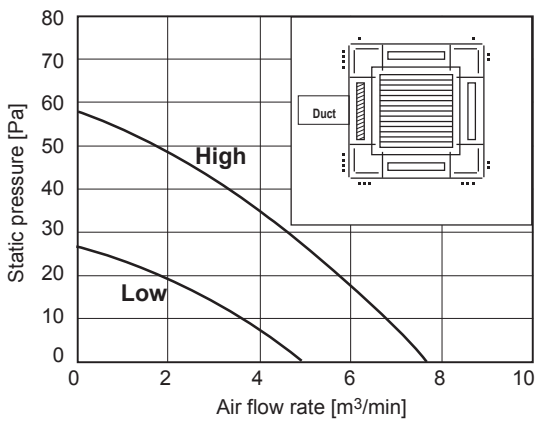
●4-way air flow (horizontal vane) Rectangular duct



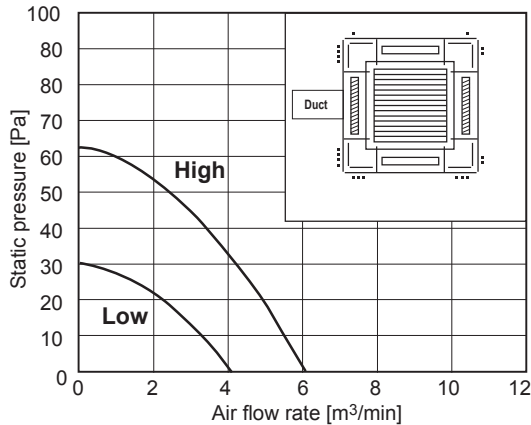
●3-way air flow (horizontal vane) Round duct



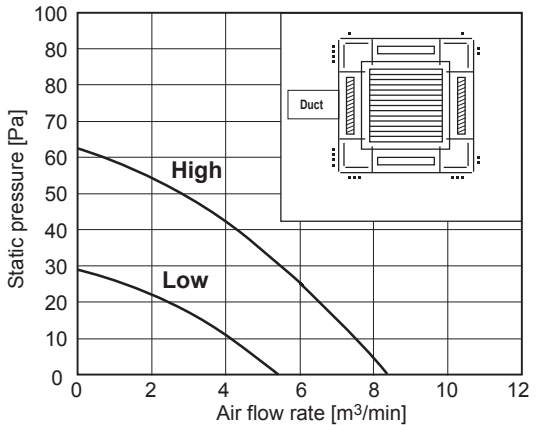
●3-way air flow (horizontal vane) Rectangular duct



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



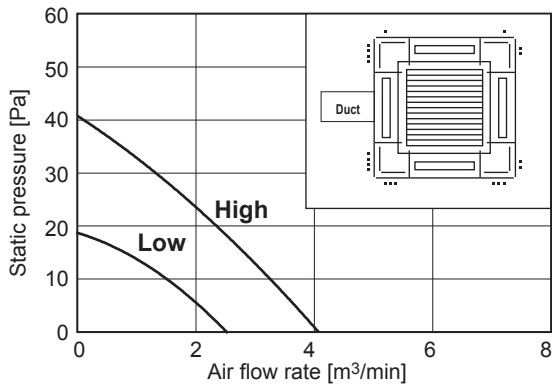
●2-way air flow (horizontal vane) Rectangular duct



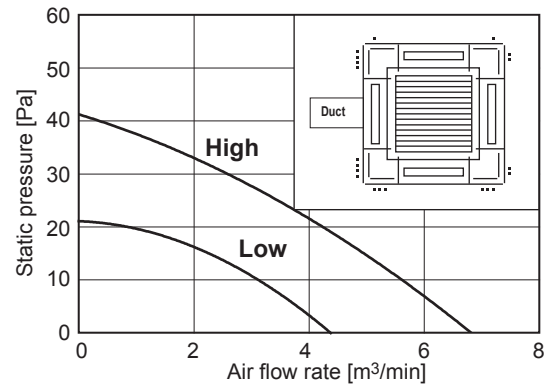
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM35,50,60EA PLA-M35,50,60EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM71EA.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

**PLA-M140EA
PLA-SM140EA**

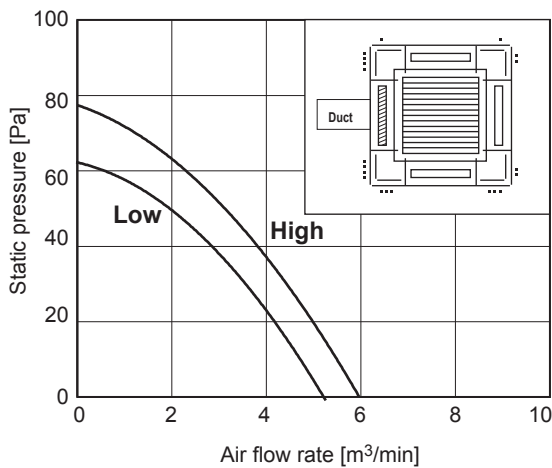
●4-way air flow (horizontal vane) Round duct



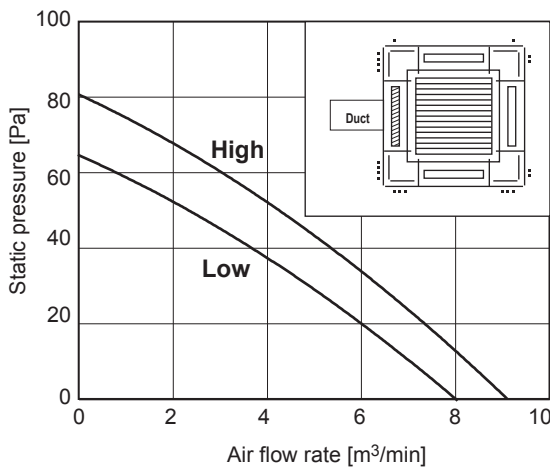
●4-way air flow (horizontal vane) Rectangular duct



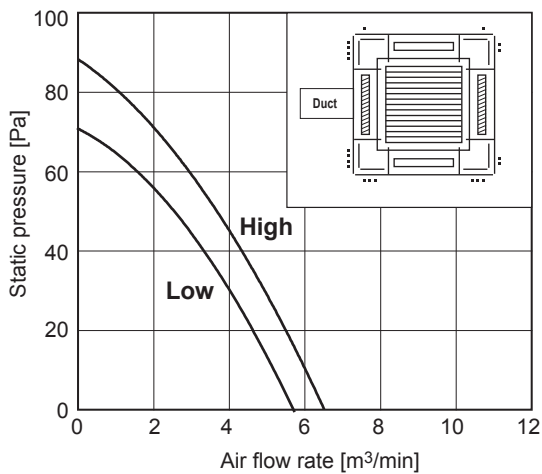
●3-way air flow (horizontal vane) Round duct



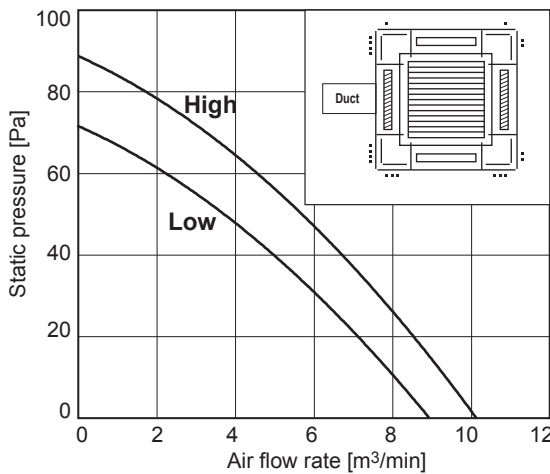
●3-way air flow (horizontal vane) Rectangular duct



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



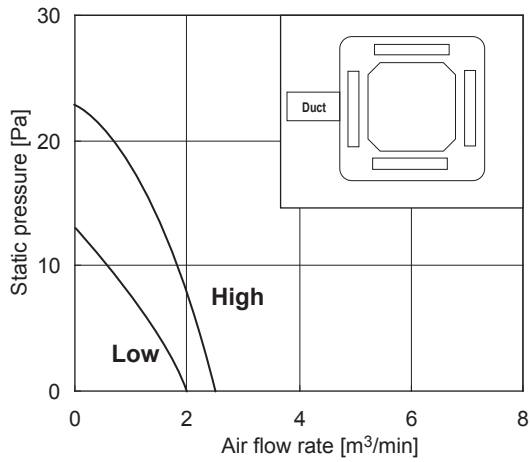
●2-way air flow (horizontal vane) Rectangular duct



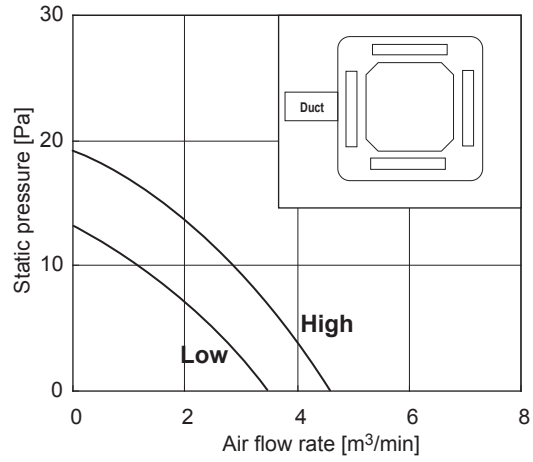
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M100,125EA PLA-SM71,100,125EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-M140EA, PLA-SM140EA.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-SM71EA

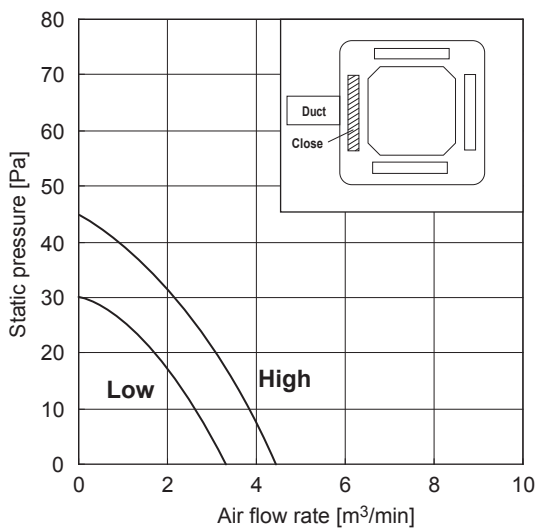
● 4-way air flow (horizontal vane) Round duct



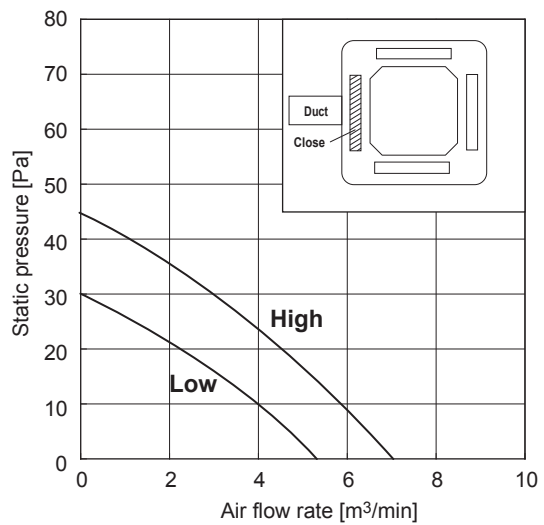
● 4-way air flow (horizontal vane) Rectangular duct



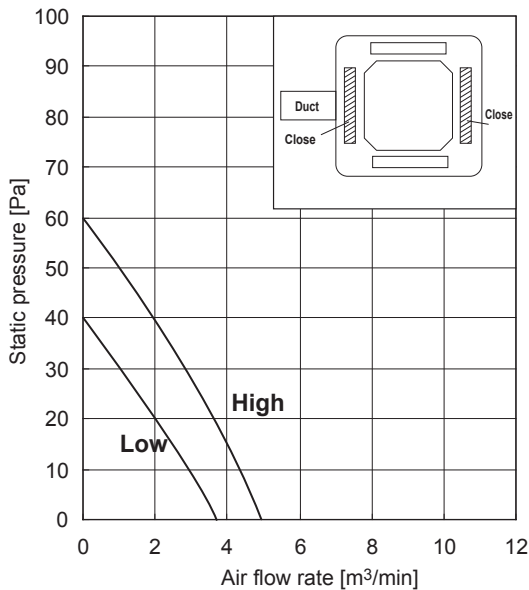
● 3-way air flow (horizontal vane) Round duct



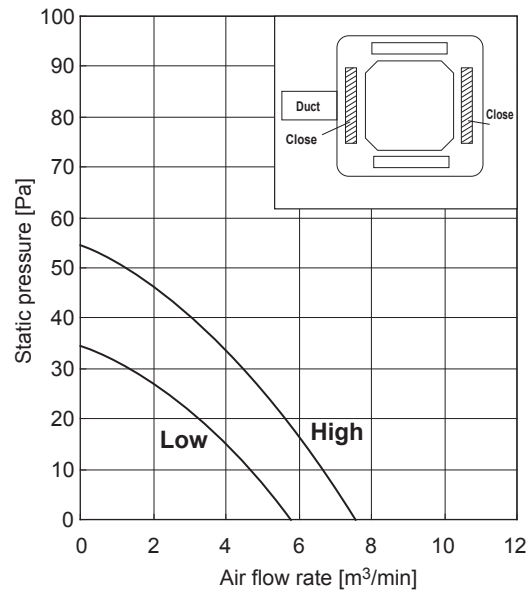
● 3-way air flow (horizontal vane) Rectangular duct



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



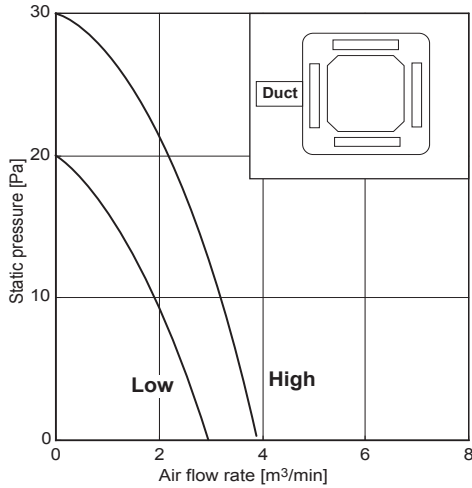
● 2-way air flow (horizontal vane) Rectangular duct



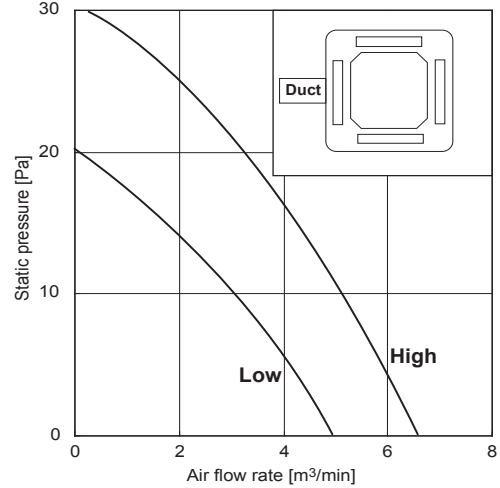
- Use 1 of the 2 duct holes on the indoor unit.
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

PLA-SM125EA

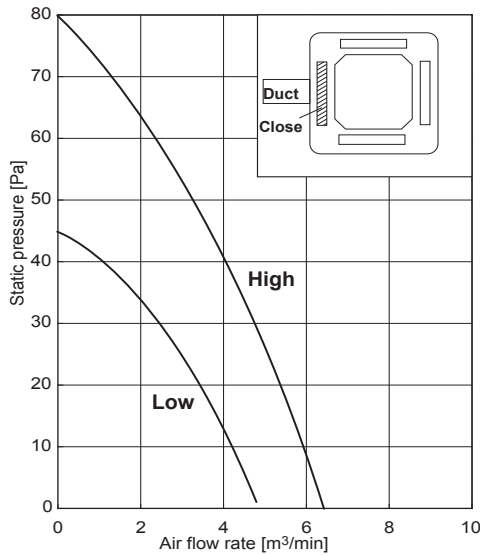
●4-way air flow (horizontal vane) Round duct



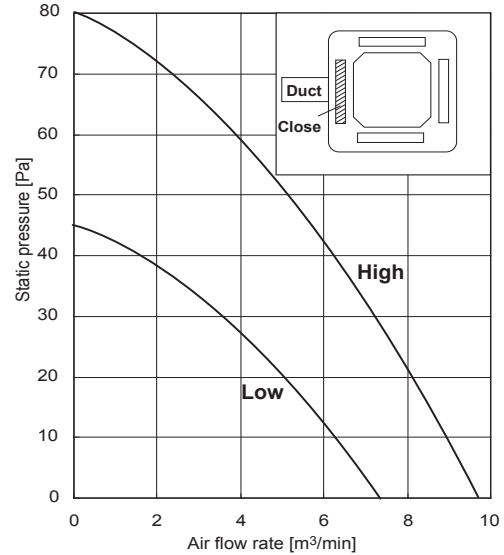
●4-way air flow (horizontal vane) Rectangular duct



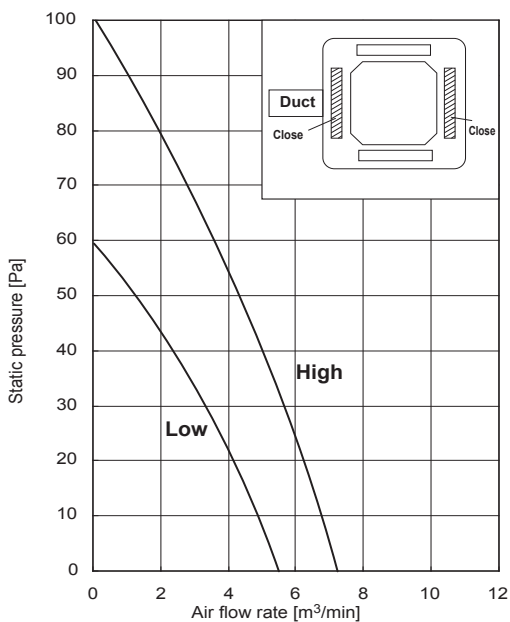
●3-way air flow (horizontal vane) Round duct



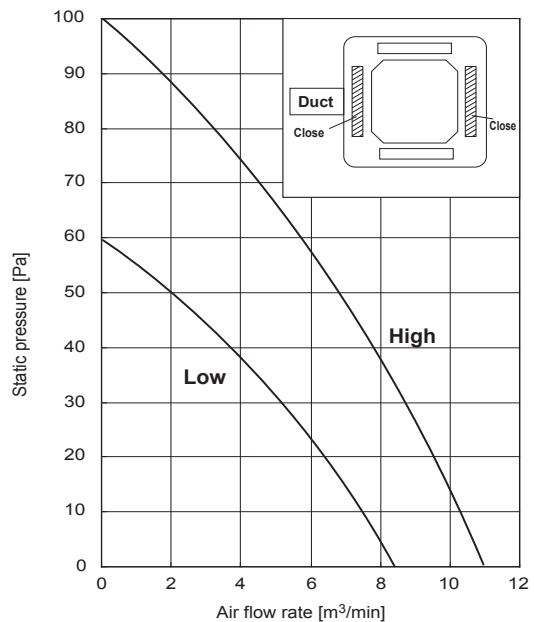
●3-way air flow (horizontal vane) Rectangular duct



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



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

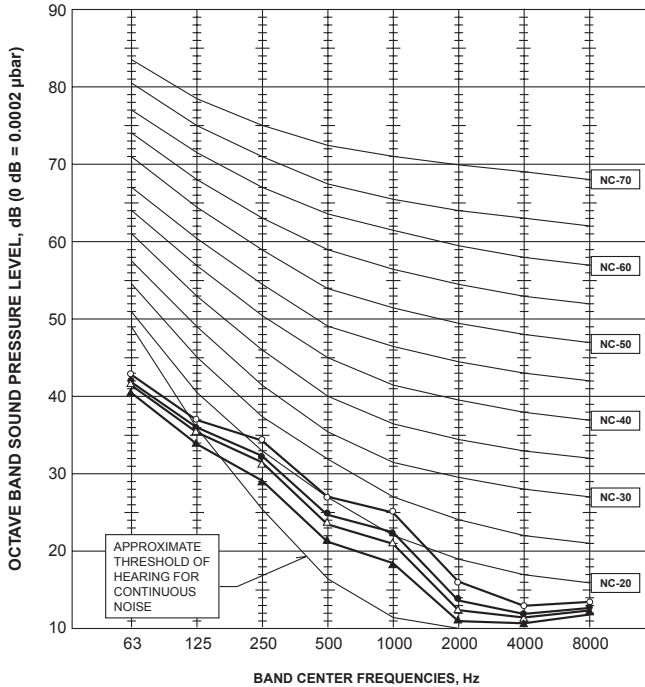


- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate PLA-SM100EA, PLA-SM140EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-SM125EA
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

A.1.7 NOISE CRITERIA CURVES

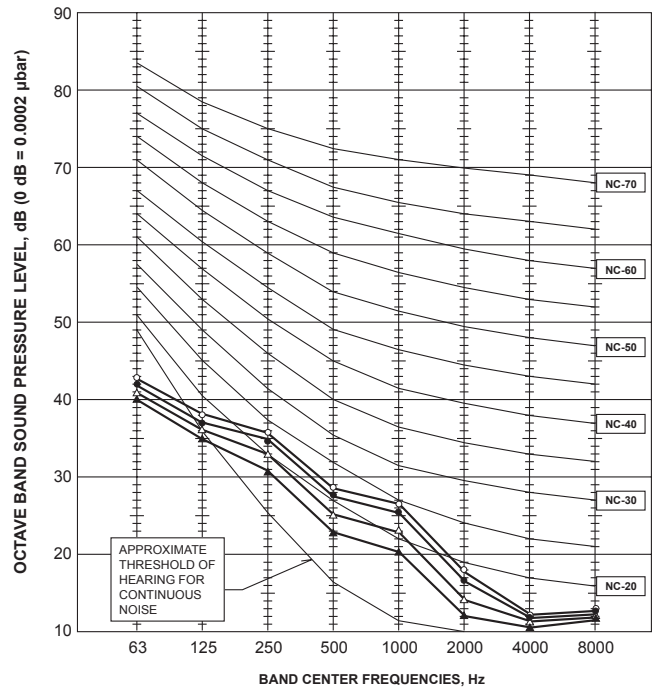
PLA-ZM35EA
PLA-RP35EA

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



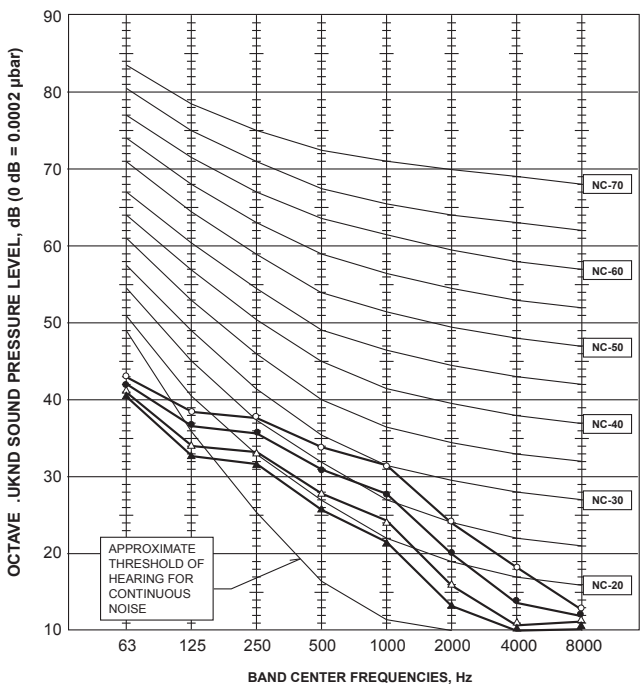
PLA-ZM50EA
PLA-ZM60EA
PLA-M50EA
PLA-M60EA

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



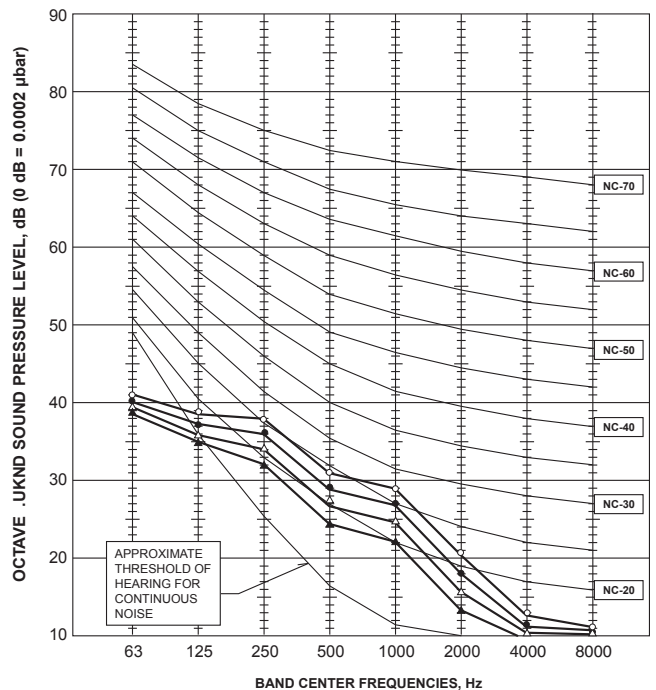
PLA-ZM71EA

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



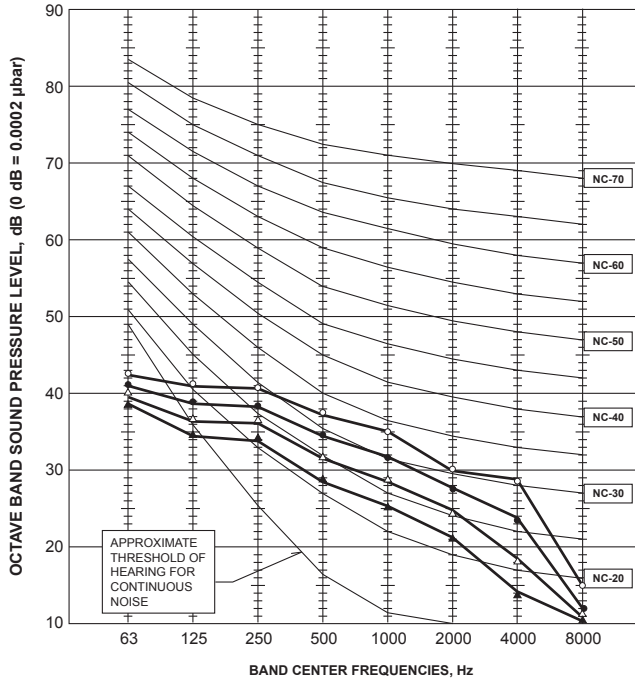
PLA-M71EA
PLA-SM71EA

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



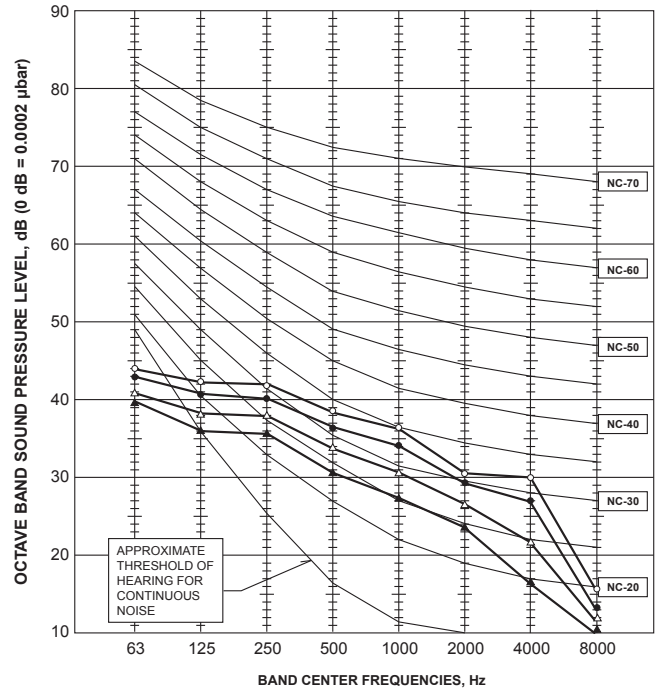
PLA-ZM100EA
PLA-M100EA
PLA-SM100EA

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



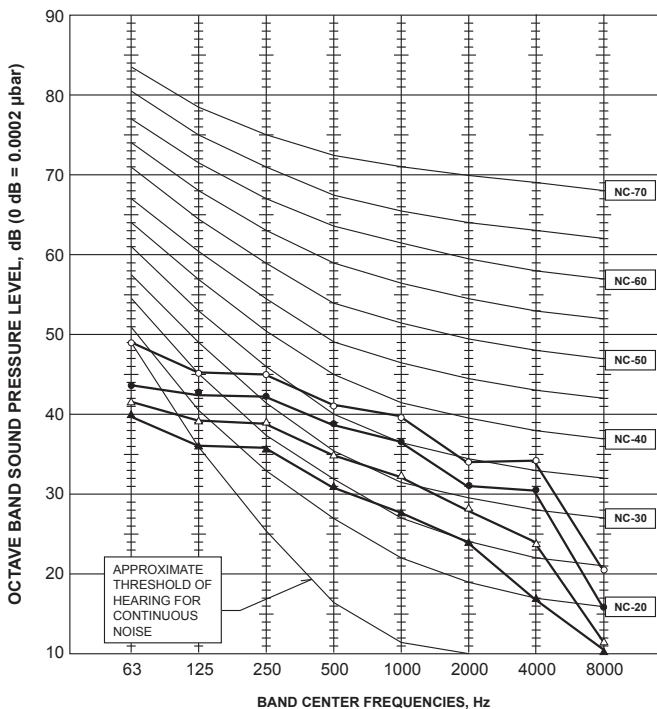
PLA-ZM125EA

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



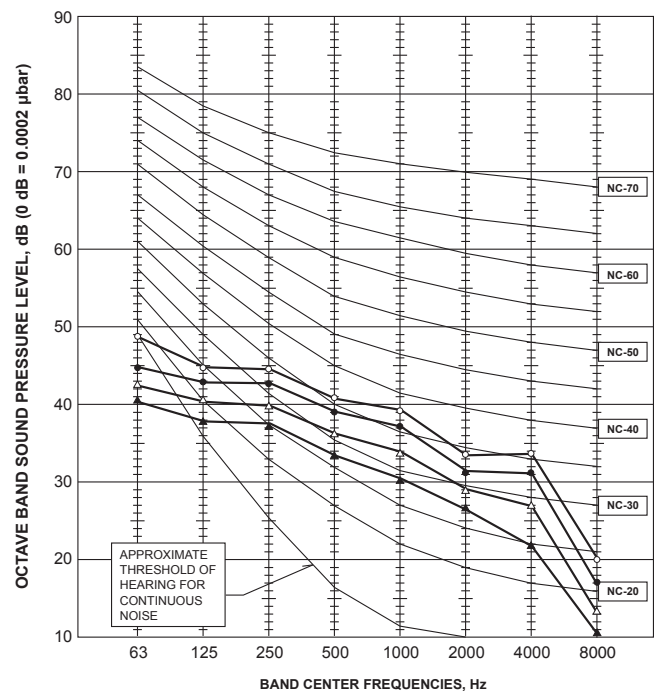
PLA-M125EA
PLA-SM125EA

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



PLA-ZM140EA
PLA-M140EA
PLA-SM140EA

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

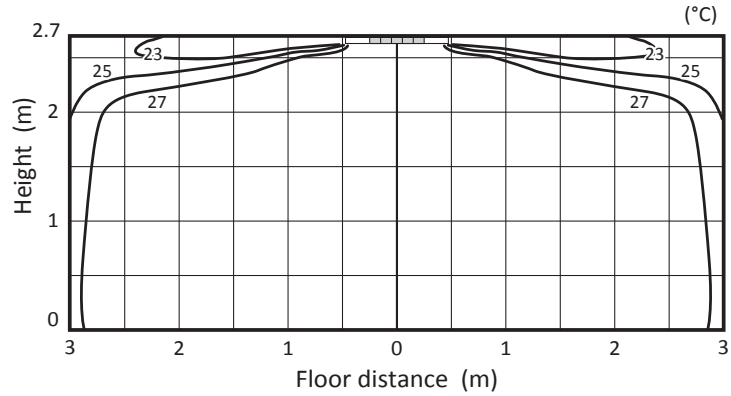


A.1.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

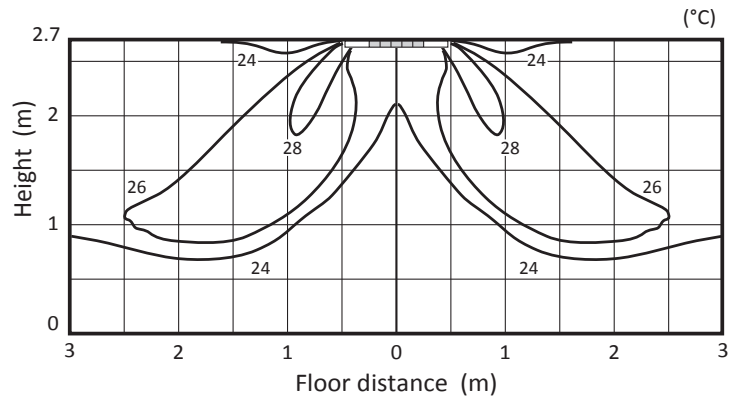
PLA-ZM35EA

■TEMPERATURE DISTRIBUTION

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

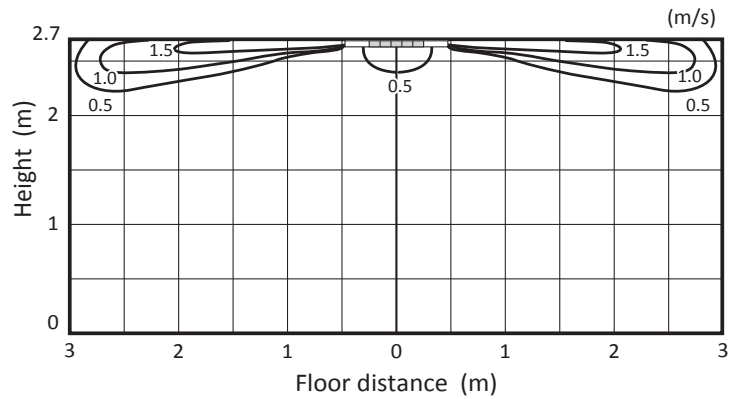


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

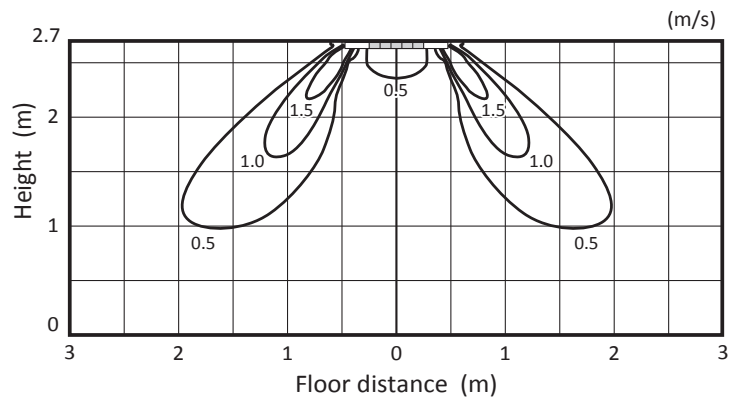


■AIRFLOW DISTRIBUTION

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



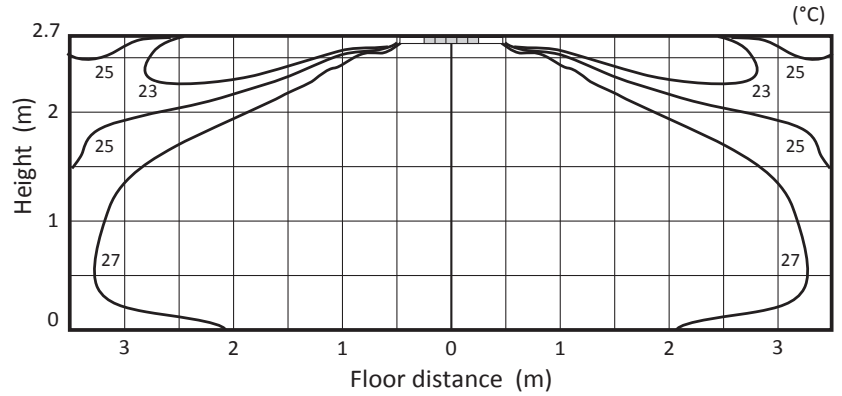
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



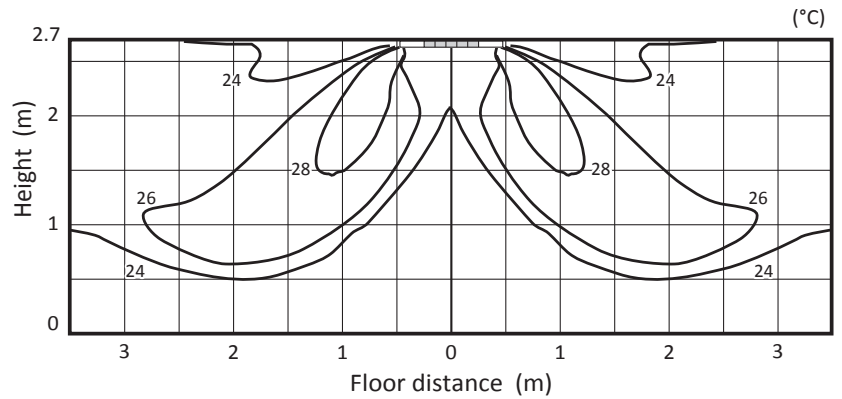
PLA-ZM50EA

■TEMPERATURE DISTRIBUTION

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

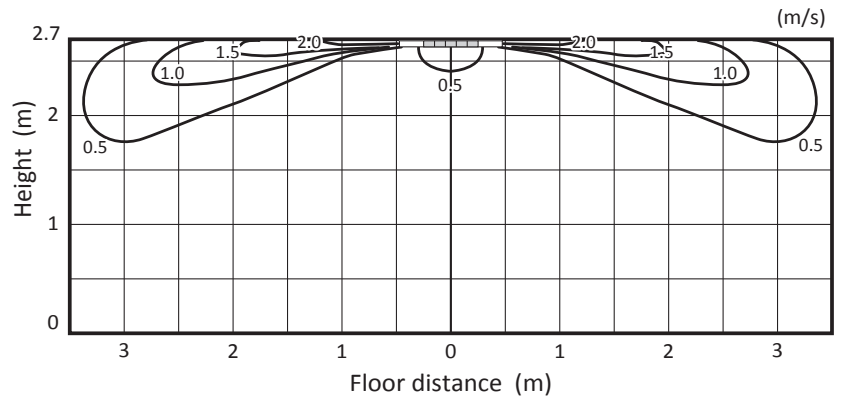


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

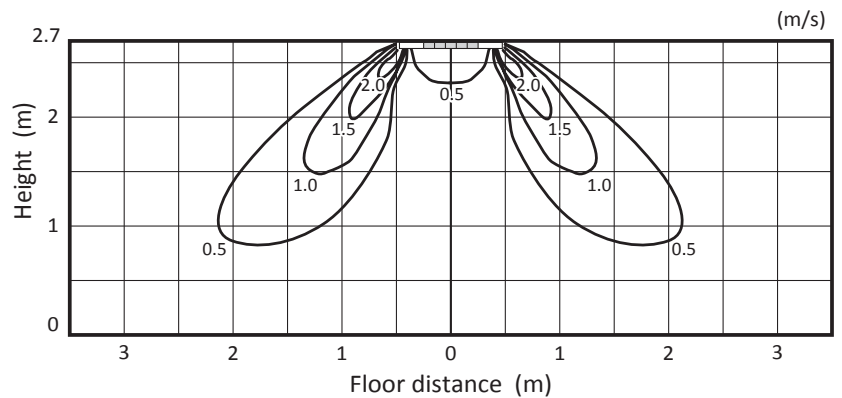


■AIRFLOW DISTRIBUTION

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



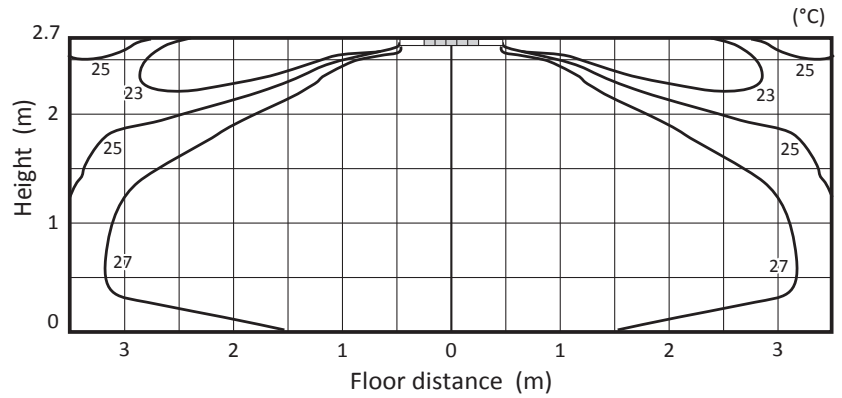
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



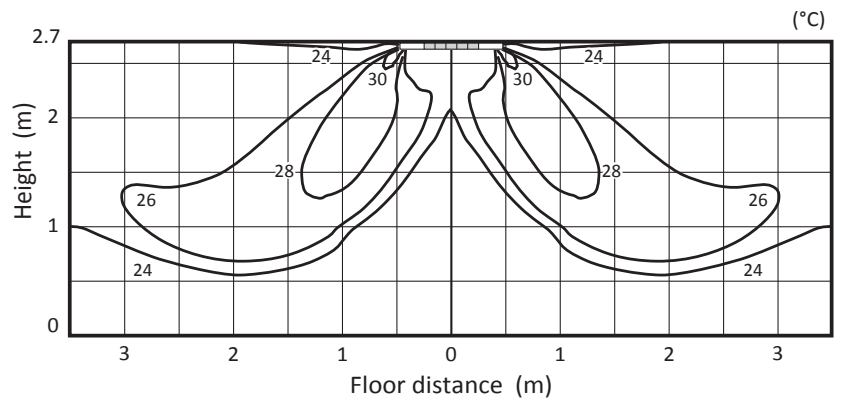
PLA-ZM60EA

■TEMPERATURE DISTRIBUTION

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

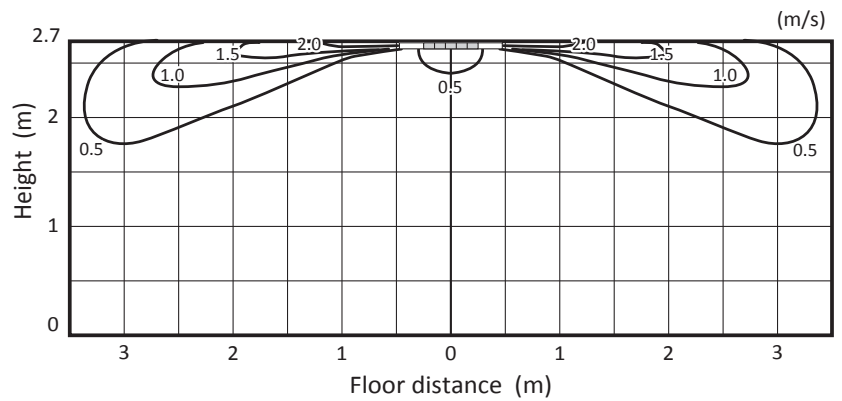


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

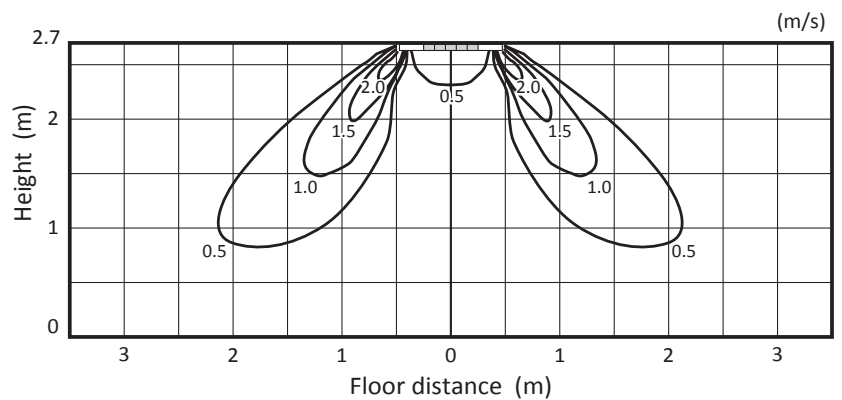


■AIRFLOW DISTRIBUTION

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



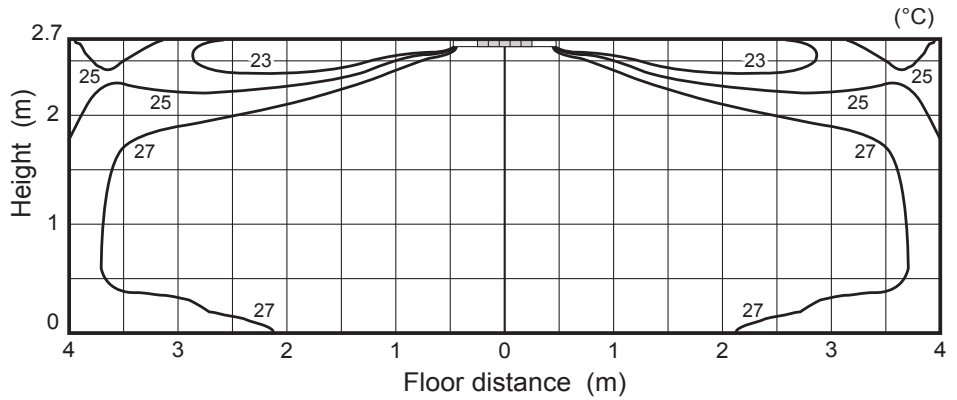
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



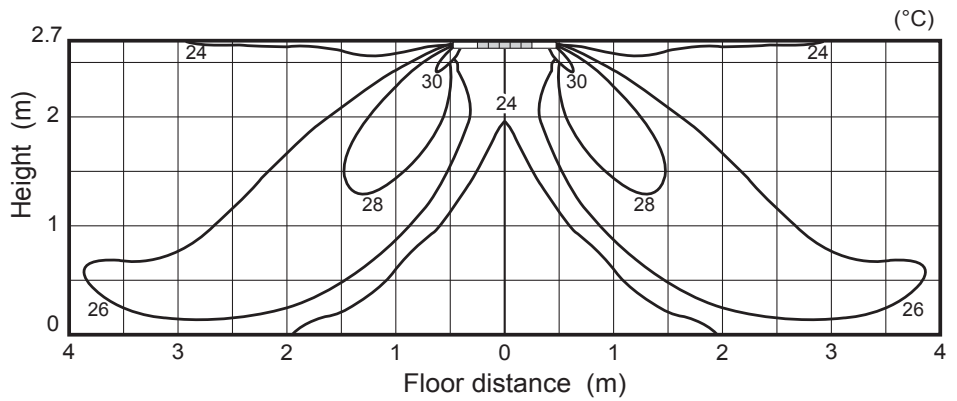
PLA-ZM71EA

■TEMPERATURE DISTRIBUTION

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

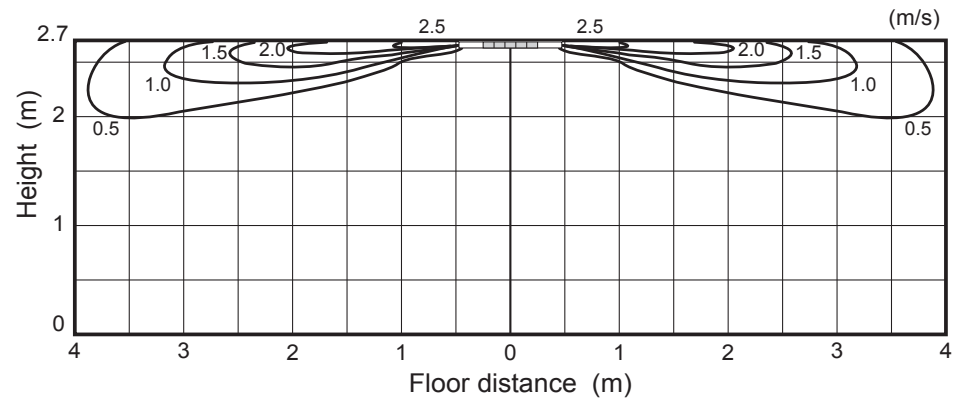


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

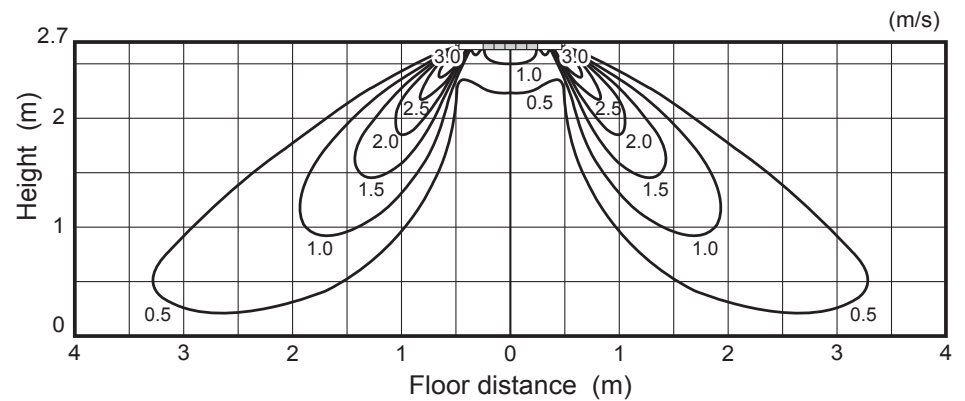


■AIRFLOW DISTRIBUTION

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



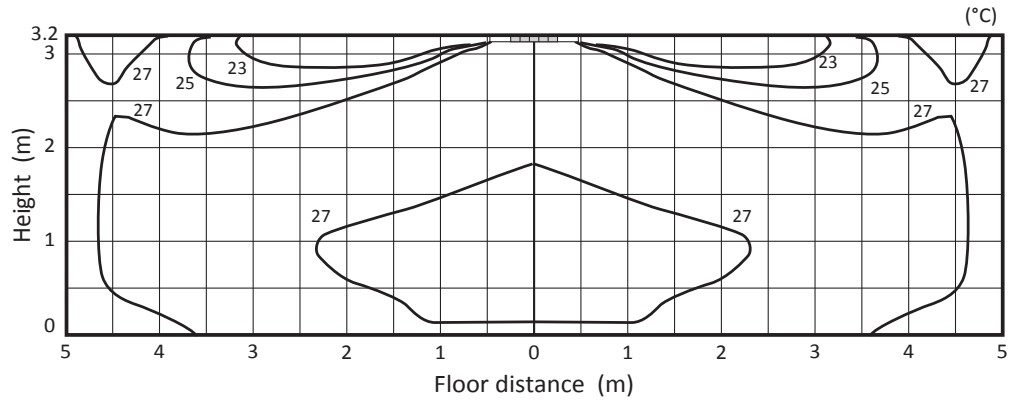
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



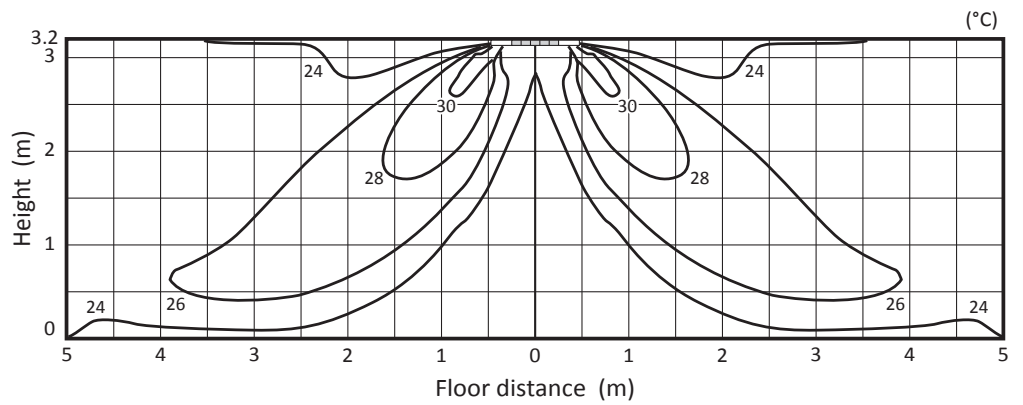
PLA-ZM100EA

■TEMPERATURE DISTRIBUTION

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

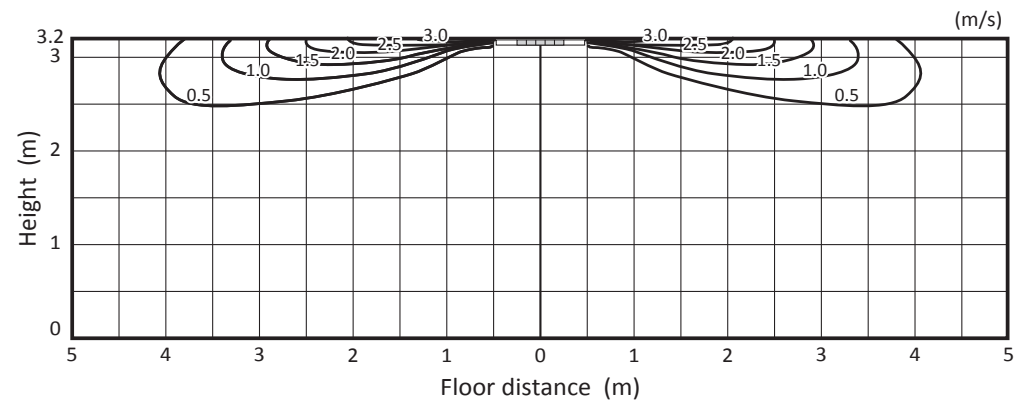


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

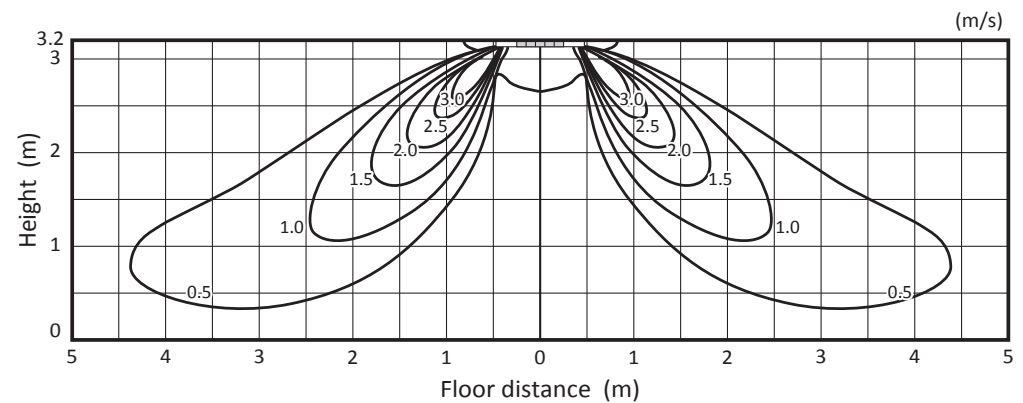


■AIRFLOW DISTRIBUTION

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



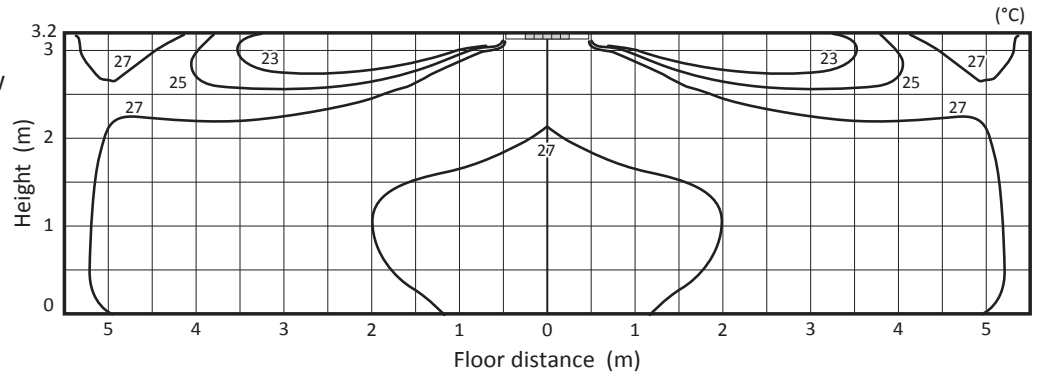
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



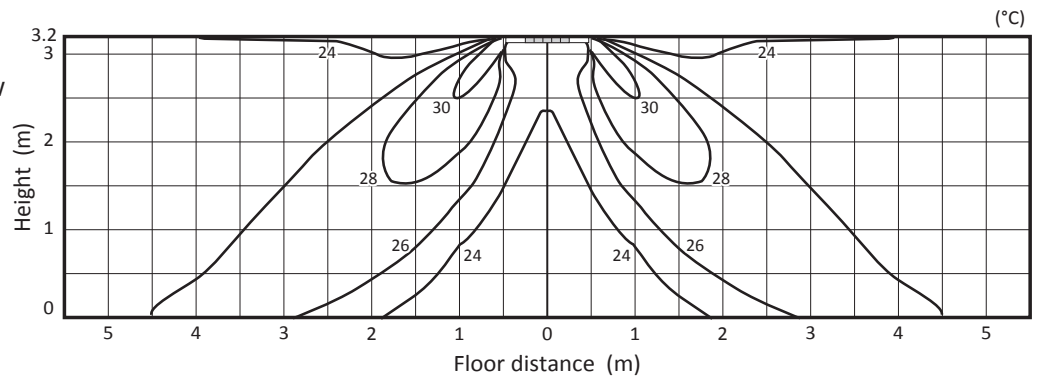
PLA-ZM125EA

■TEMPERATURE DISTRIBUTION

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

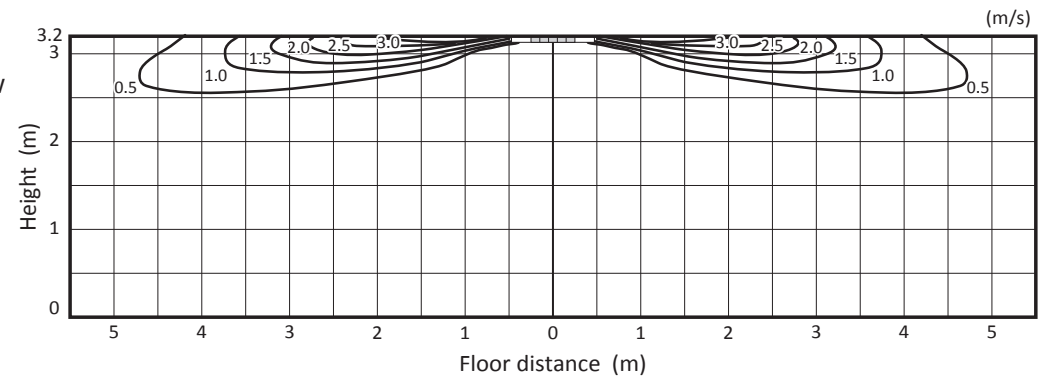


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

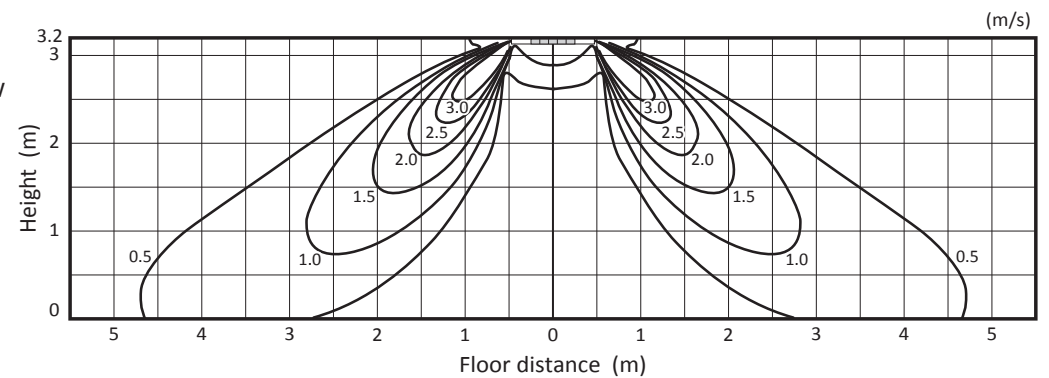


■AIRFLOW DISTRIBUTION

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



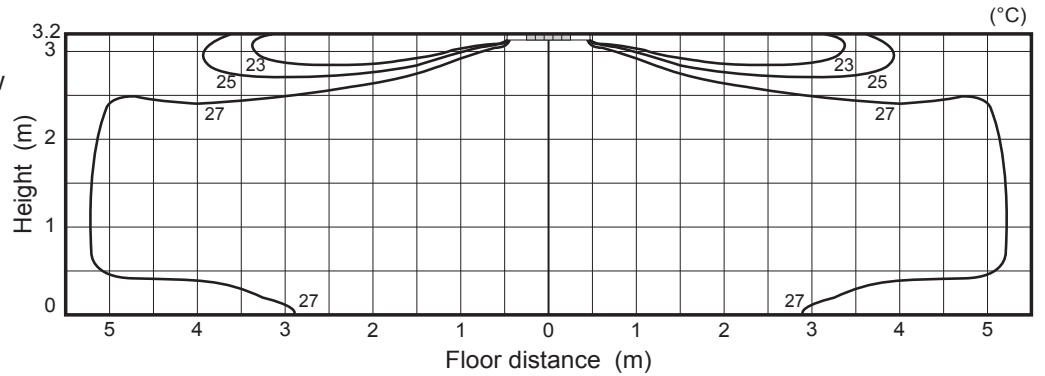
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



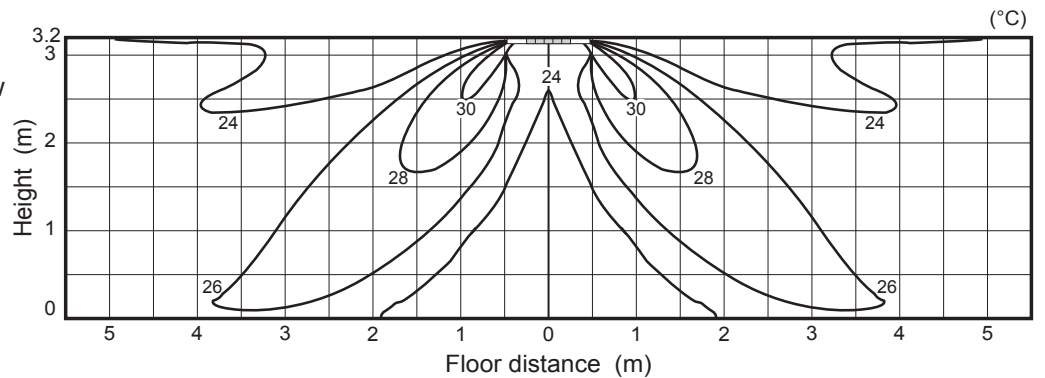
PLA-ZM140EA

■TEMPERATURE DISTRIBUTION

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

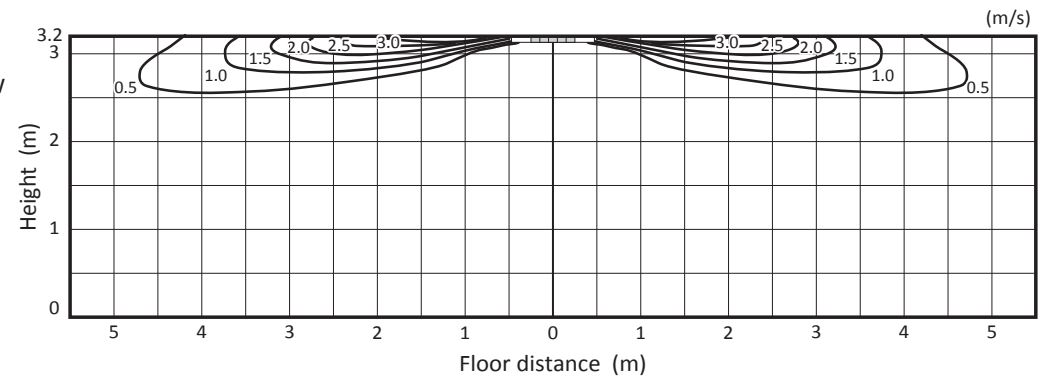


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

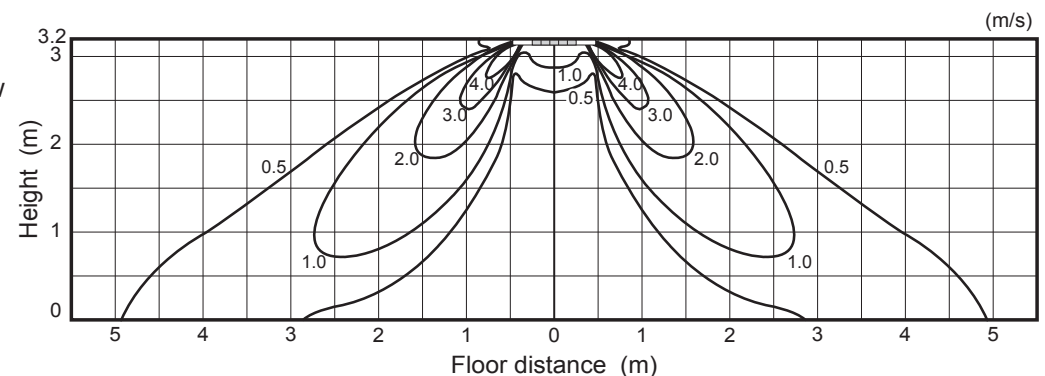


■AIRFLOW DISTRIBUTION

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



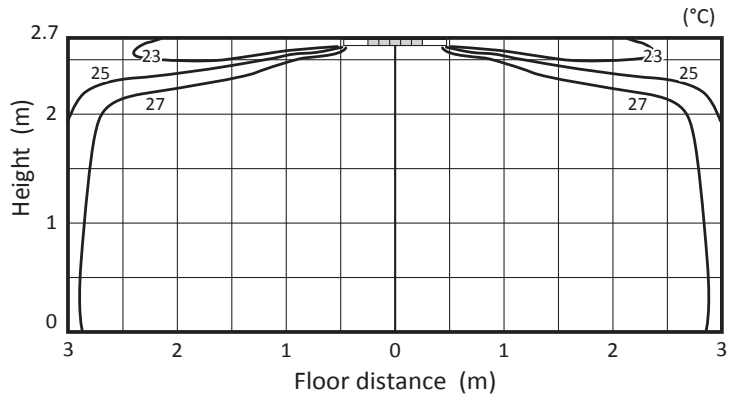
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



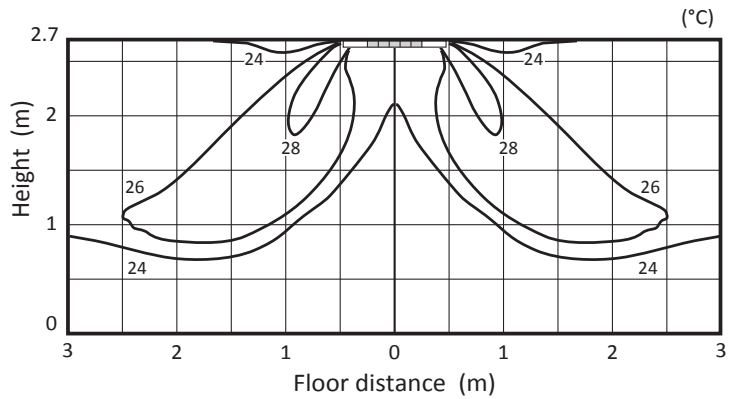
PLA-M35EA

■TEMPERATURE DISTRIBUTION

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

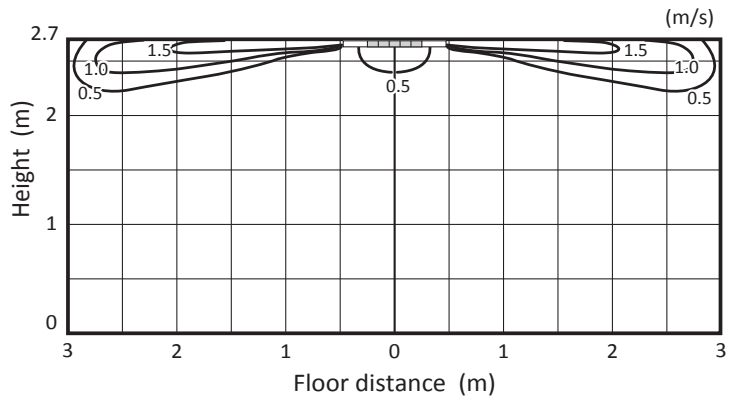


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

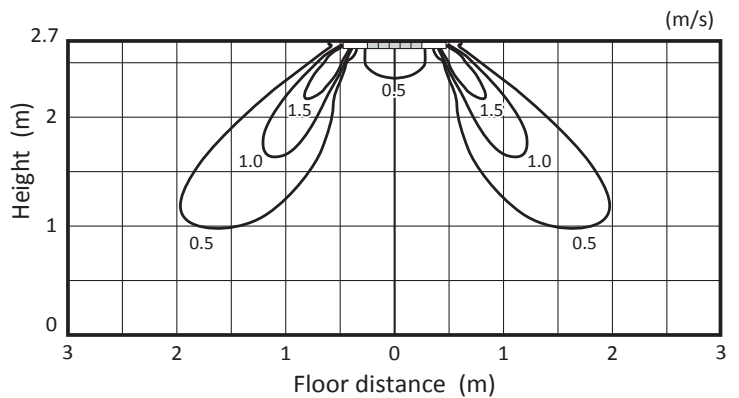


■AIRFLOW DISTRIBUTION

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



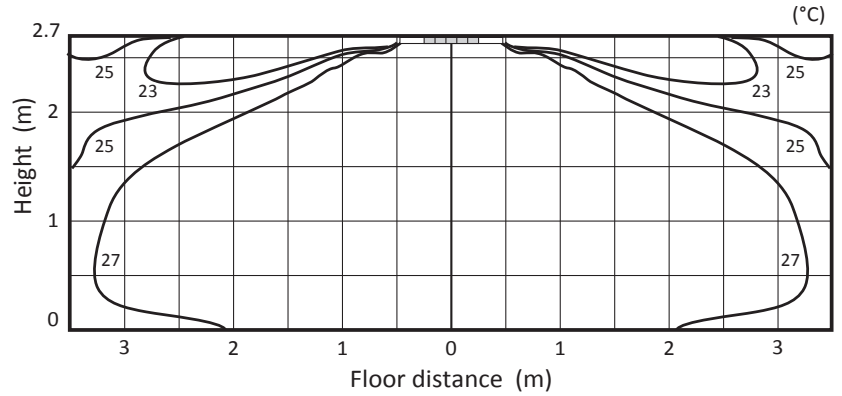
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



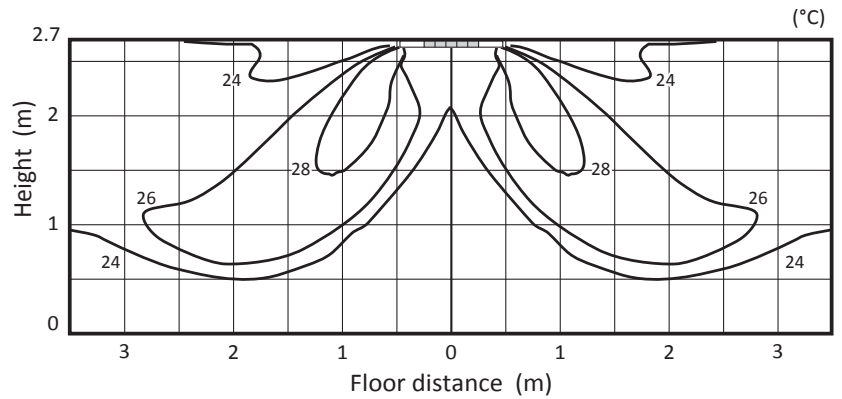
PLA-M50EA

■TEMPERATURE DISTRIBUTION

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

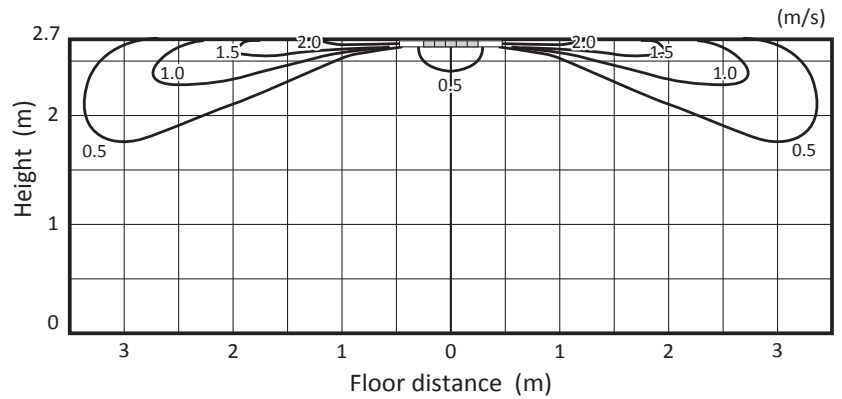


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

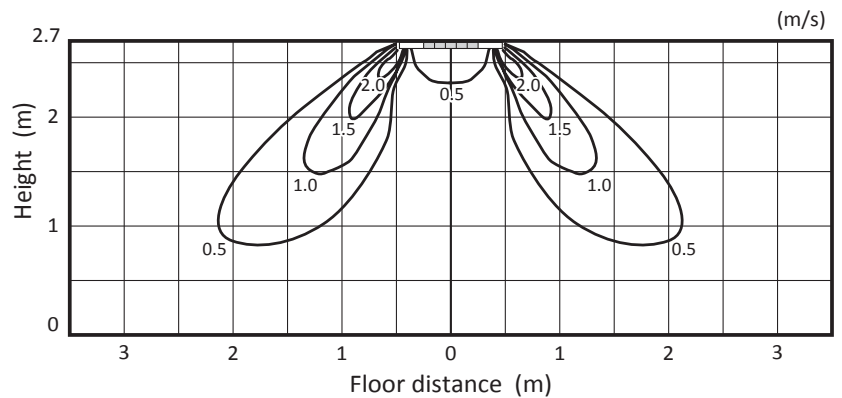


■AIRFLOW DISTRIBUTION

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



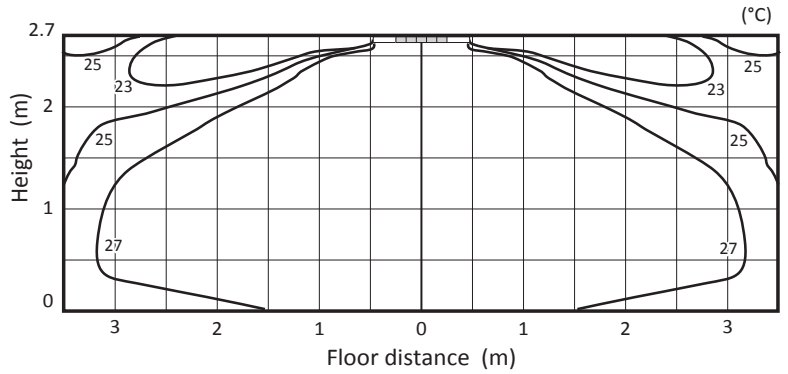
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



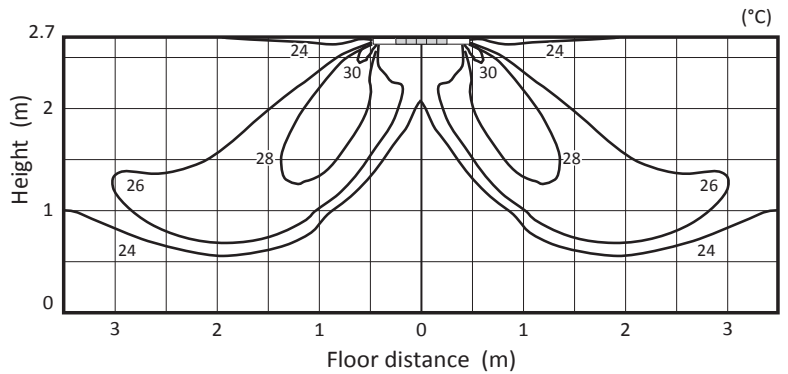
PLA-M60EA

■TEMPERATURE DISTRIBUTION

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

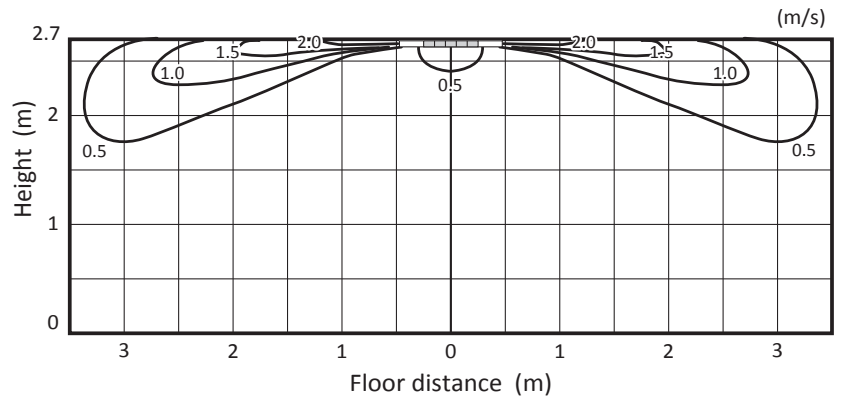


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

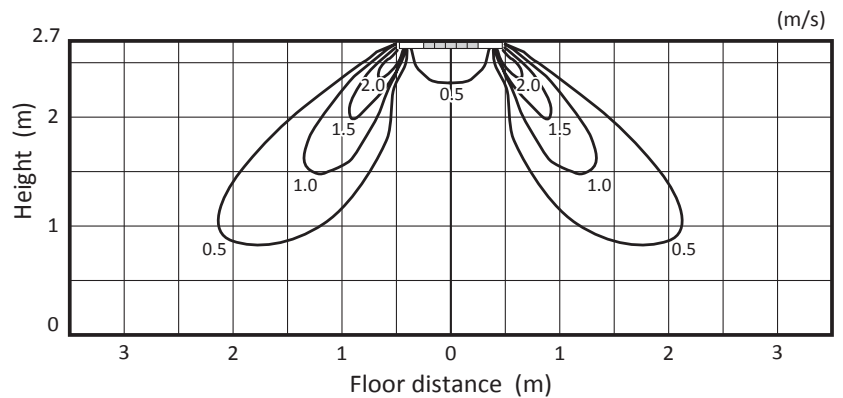


■AIRFLOW DISTRIBUTION

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

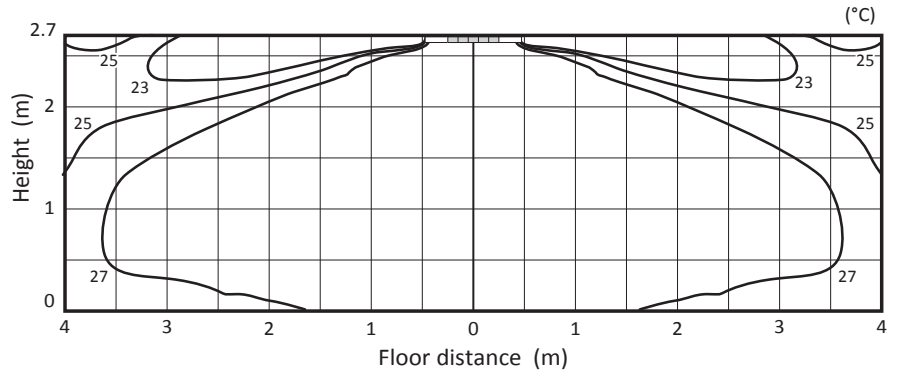


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

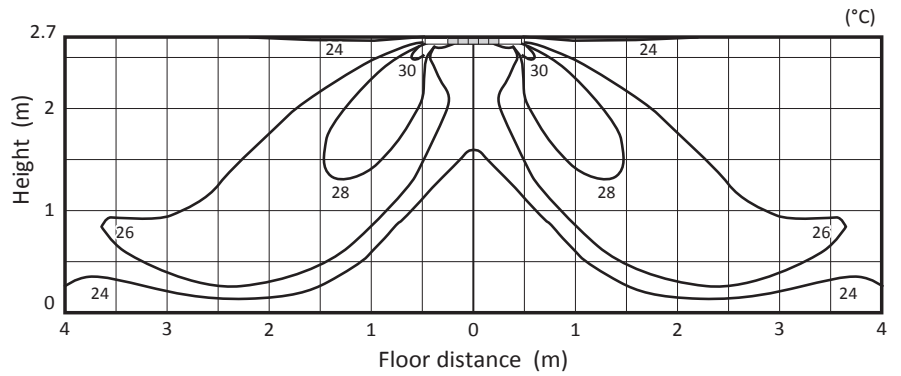


PLA-M71EA
PLA-SM71EA
■TEMPERATURE DISTRIBUTION

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

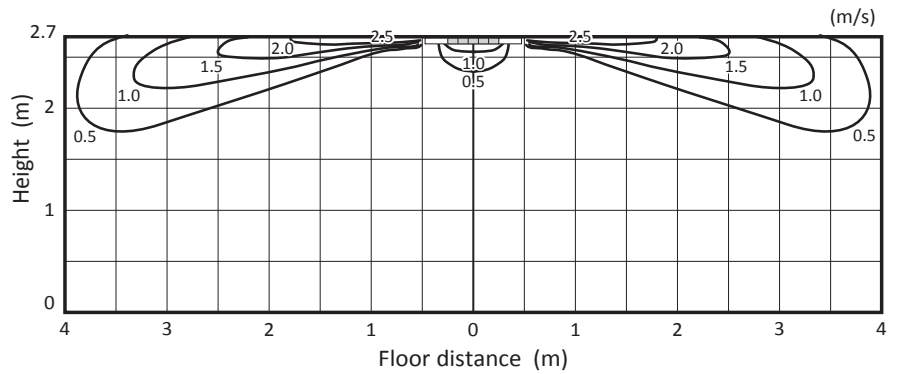


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

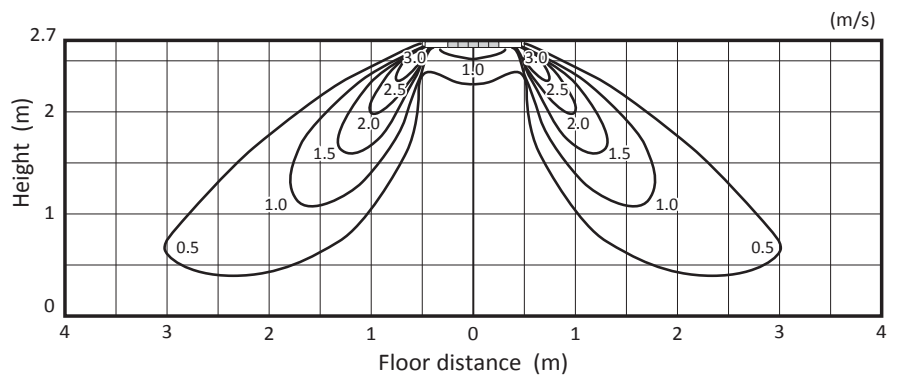


■AIRFLOW DISTRIBUTION

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



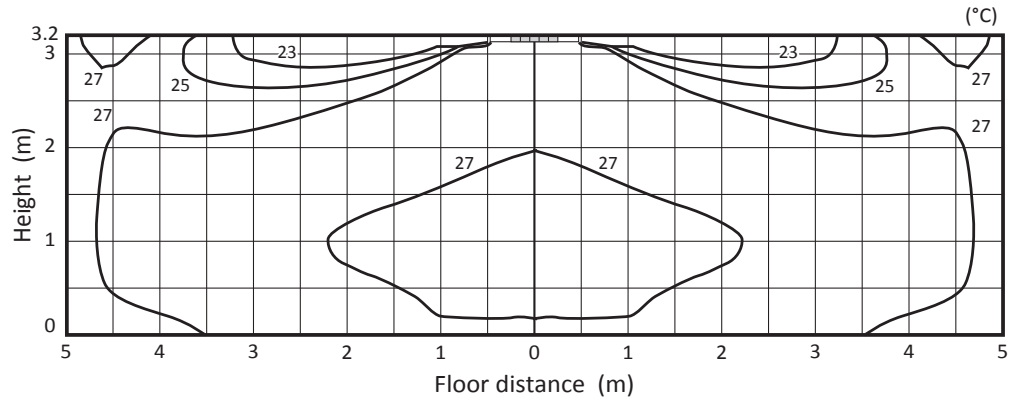
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



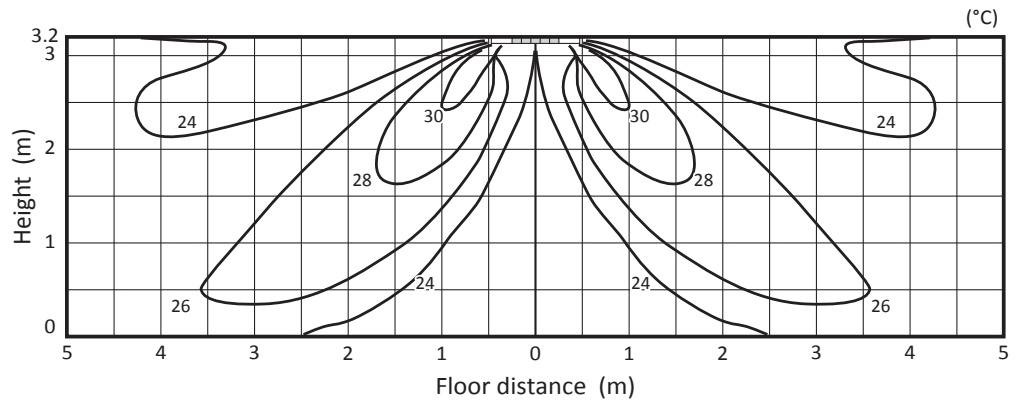
**PLA-M100EA
PLA-SM100EA**

■TEMPERATURE DISTRIBUTION

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

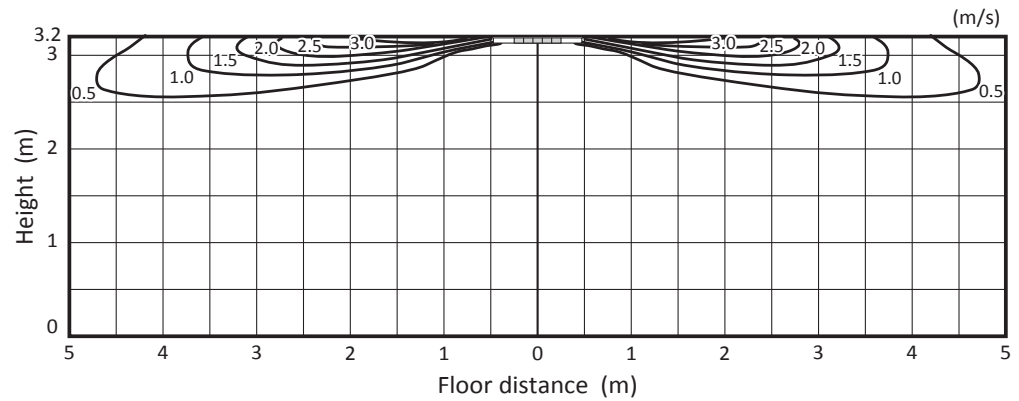


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

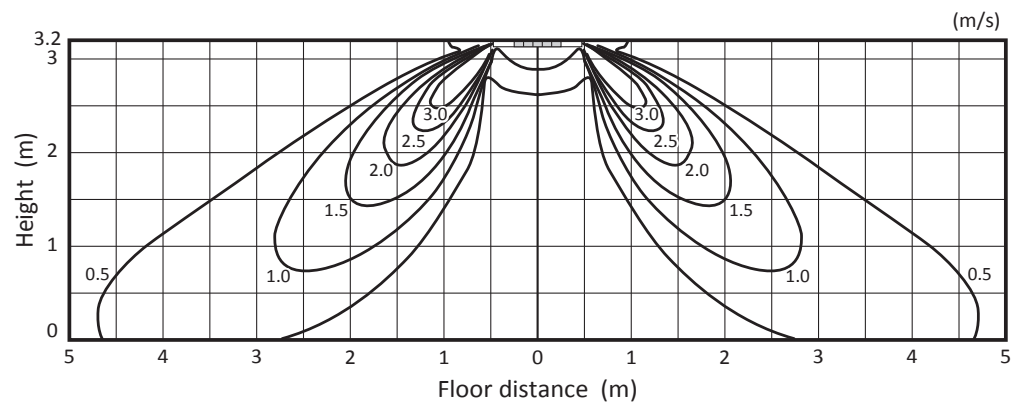


■AIRFLOW DISTRIBUTION

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



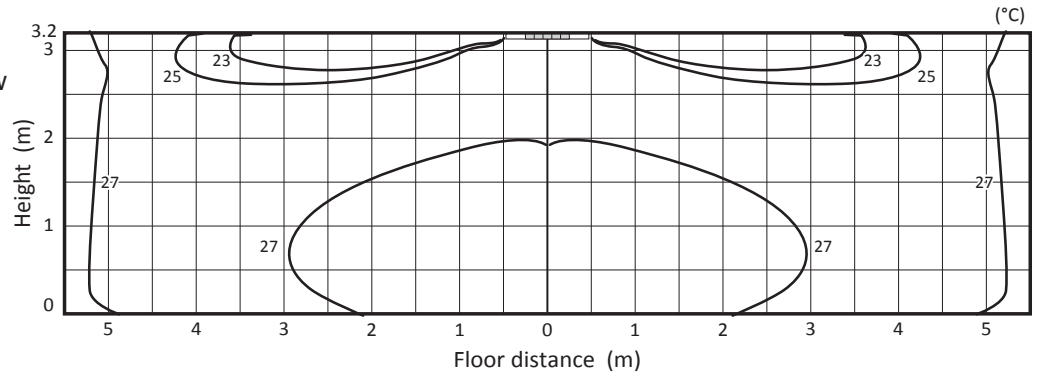
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



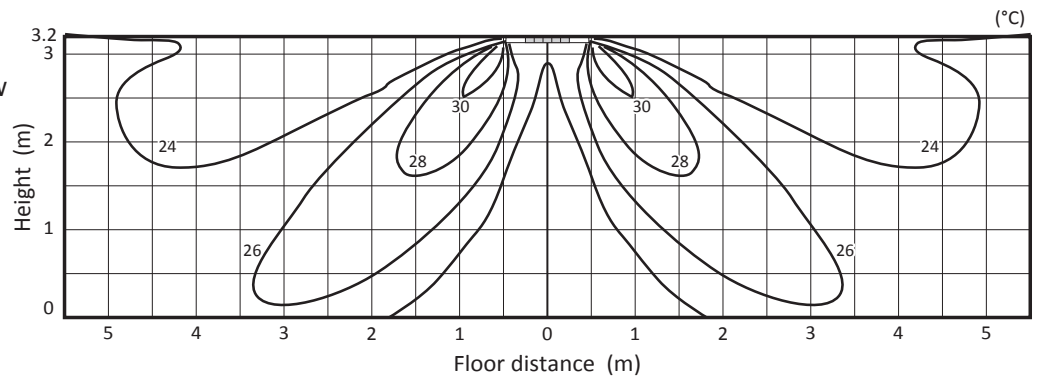
**PLA-M125EA
PLA-SM125EA**

■TEMPERATURE DISTRIBUTION

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

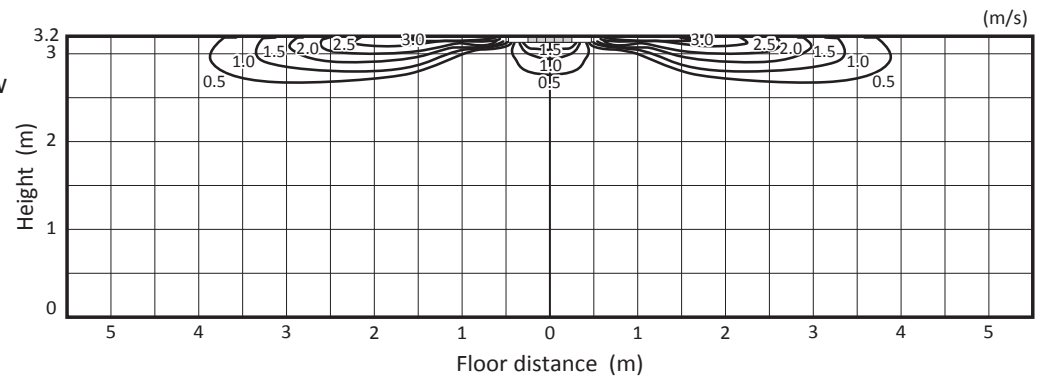


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

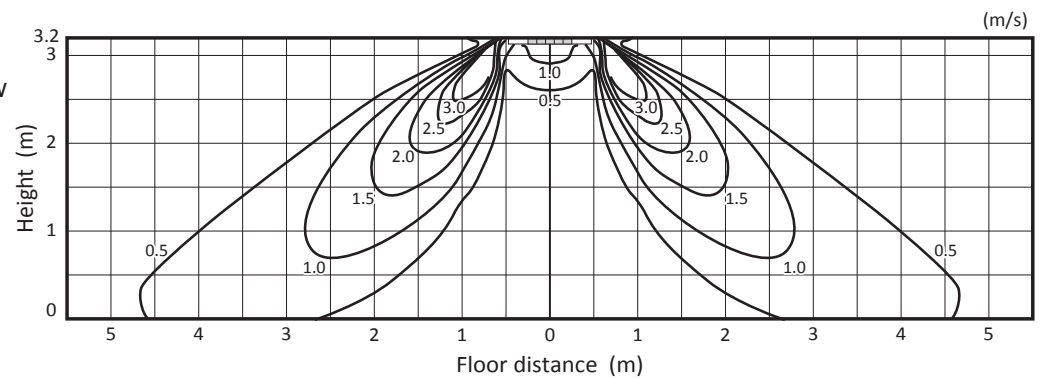


■AIRFLOW DISTRIBUTION

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



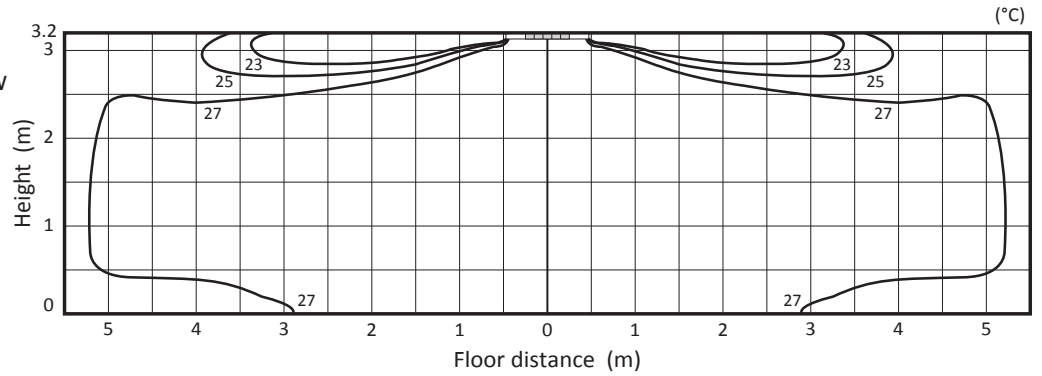
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



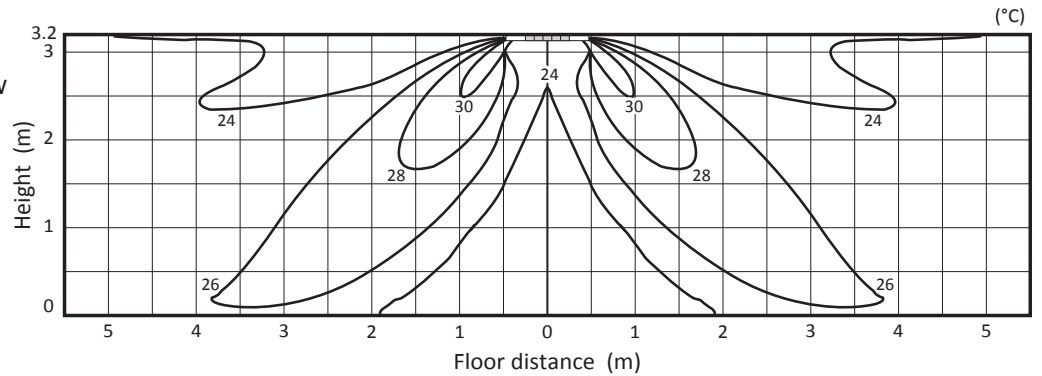
**PLA-M140EA
PLA-SM140EA**

■TEMPERATURE DISTRIBUTION

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

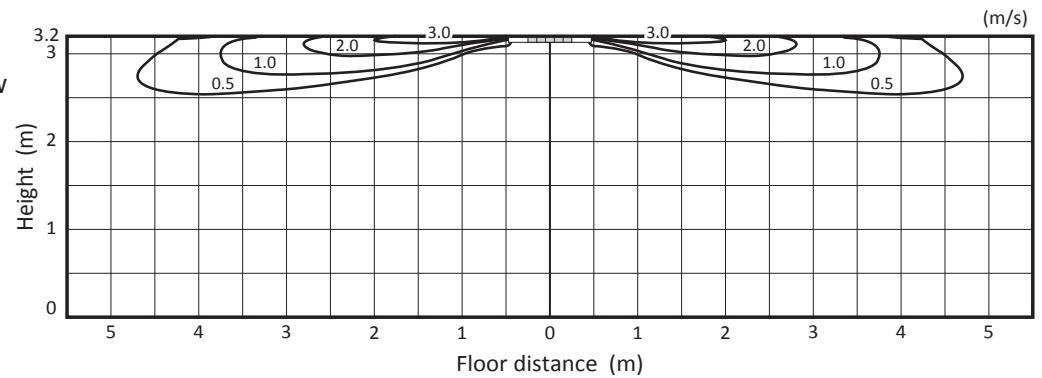


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

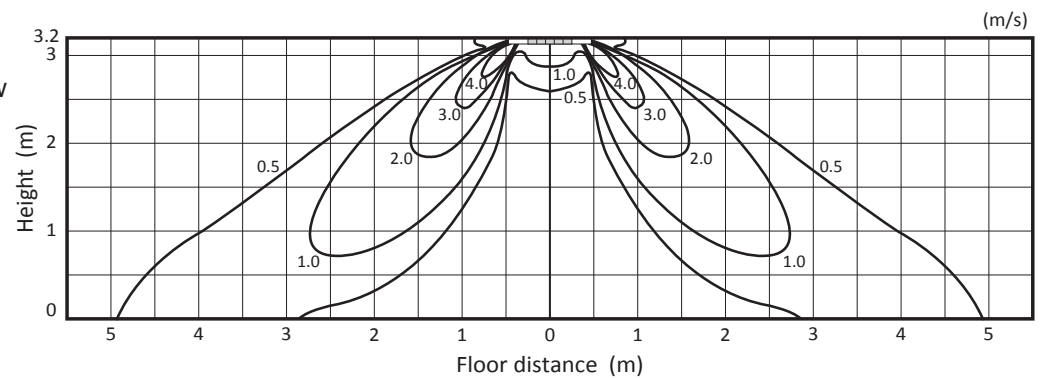


■AIRFLOW DISTRIBUTION

<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

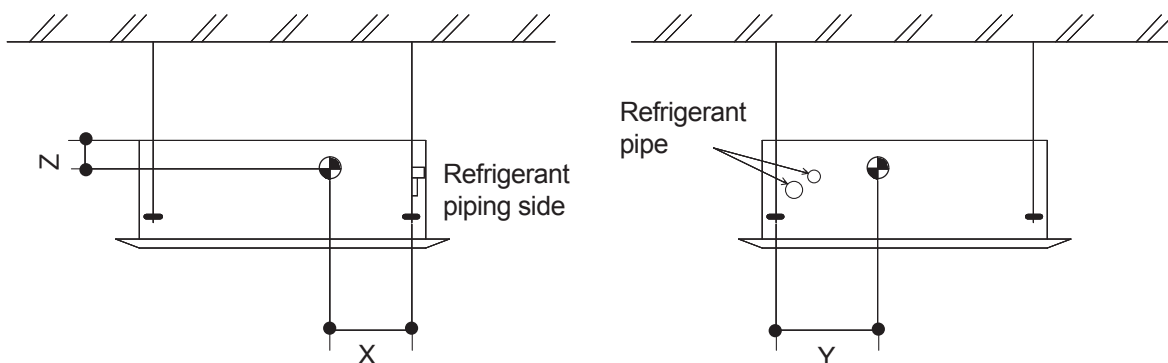
		PLA-ZM35EA	PLA-ZM50EA	PLA-ZM60EA	PLA-ZM71EA	PLA-ZM100EA	PLA-ZM125EA	PLA-ZM140EA
Air flow	m ³ /min.	16	18	18	23	28	29	32
Air speed	m/sec.	2.5	2.8	2.8	3.6	4.4	4.5	5.0
Coverage range	m	4.1	4.6	4.6	5.8	7.0	7.3	8.0

		PLA-M35EA	PLA-M50EA	PLA-M60EA	PLA-M71EA	PLA-M100EA	PLA-M125EA	PLA-M140EA
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-SM71EA	PLA-SM100EA	PLA-SM125EA	PLA-SM140EA
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-ZM35EA PLA-ZM50EA PLA-ZM60EA	325	390	115
PLA-ZM71EA PLA-ZM100EA PLA-ZM125EA PLA-ZM140EA	325	380	100
PLA-M35EA PLA-M50EA PLA-M60EA PLA-M71EA	325	390	115
PLA-M100EA PLA-M125EA PLA-M140EA	325	380	100
PLA-SM71EA	325	390	115
PLA-SM100EA PLA-SM125EA PLA-SM140EA	325	380	100

A.2 WALL-MOUNTED (PKA)

A.2.1	SPECIFICATIONS	A-128
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A.2.1 SPECIFICATIONS

A.2.1.1 R32 type

Model Name	Indoor Unit			PKA-M35HA(L)	PKA-M50HAL(L)	
	Outdoor Unit			PUZ-ZM35VKA	PUZ-ZM50VKA	
Power Supply	Source			Outdoor power supply		
	Out	V		230	230	
		Phase		Single	Single	
		Hz		50	50	
	In	V		-	-	
		Phase		-	-	
Hz		-	-			
Refrigerant				R32	R32	
Cooling	Capacity	Rated	kW	3.6	4.6	
		Max.	kW	4.5	5.6	
		Min.	kW	1.6	2.3	
	SHF	Rated		0.81	0.72	
	Total Input	Rated	kW	0.869	1.239	
	EER			4.14	3.71	
	Annual Electricity Consumption			kWh/a	200	251
	SEER			6.3	6.4	
Energy efficiency class			A++	A++		
Heating	Capacity	Rated	kW	4.1	5.0	
		Max.	kW	5.2	7.3	
		Min.	kW	1.6	2.5	
	Total Input	Rated	kW	1.040	1.347	
	COP			3.94	3.71	
	Annual Electricity Consumption			kWh/a	838	1115
	SCOP			4.0	4.0	
	Energy efficiency class			A+	A+	
Operating Current(max)			A	13.4	13.4	
Indoor Unit	Input	Rated	kW	0.040	0.040	
		Operating Current(max)		A	0.40	0.40
	Dimensions	Height	mm	295	295	
		Width	mm	898	898	
		Depth	mm	249	249	
	Weight		kg	13	13	
	Air Volume	Low	m ³ /min.	9.0	9.0	
		Mid2	m ³ /min.	-	-	
		Mid	m ³ /min.	10.5	10.5	
		Hi	m ³ /min.	12.0	12.0	
	External Static Pressure		Pa	-	-	
	Sound Level (SPL)	Low	dB(A)	36	36	
		Mid2	dB(A)	-	-	
		Mid	dB(A)	40	40	
		Hi	dB(A)	43	43	
Sound Level (PWL)	Cooling		60	60		
Outdoor Unit	Dimensions	Height	mm	630	630	
		Width	mm	809	809	
		Depth	mm	300 (+23)	300 (+23)	
	Weight		kg	46	46	
	Air Volume	Cooling	Rated	m ³ /min.	45.0	45.0
		Heating	Rated	m ³ /min.	45.0	45.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44
			Silent	dB(A)	41	41
		Heating	Rated	dB(A)	46	46
	Sound Level (PWL)	Cooling		65	65	
Operating Current(max)			A	13.0	13.0	
Breaker Size			A	16	16	
Ext. Piping	Diameter	Liquid	mm	6.35	6.35	
		Gas	mm	12.7	12.7	
	Max. Length	Out-In	m	50	50	
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-15*	-15*
	Heating	Upper Limit.	°C	21	21	
		Lower Limit.	°C	-11	-11	

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

Model Name	Indoor Unit			PKA-M60KA(L)	PKA-M71KA(L)	PKA-M100KA(L)	PKA-M100(KAL)	
	Outdoor Unit			PUZ-ZM60VHA	PUZ-ZM71VHA	PUZ-ZM100VKA	PUZ-ZM100YKA	
Power Supply	Source			Outdoor power supply				
	Out	V		230	230	230	400	
		Phase		Single	Single	Single	3	
		Hz		50	50	50	50	
	In	V		-	-	-	-	
		Phase		-	-	-	-	
Hz		-	-	-	-			
Refrigerant				R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	6.1	7.1	9.5	9.5	
		Max.	kW	6.7	8.1	11.4	11.4	
		Min.	kW	2.7	3.3	4.9	4.9	
	SHF	Rated		0.86	0.78	0.73	0.73	
	Total Input	Rated	kW	1.560	1.863	2.405	2.405	
	EER			3.91	3.81	3.95	3.95	
	Annual Electricity Consumption		kWh/a	313	364	508	519	
	SEER			6.8	6.8	6.5	6.5	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	7.0	8.0	11.2	11.2
Max.			kW	8.2	10.2	14.0	14.0	
Min.			kW	2.8	3.5	4.5	4.5	
Total Input		Rated	kW	1.732	2.116	3.102	3.102	
COP				4.04	3.78	3.61	3.61	
Annual Electricity Consumption			kWh/a	1460	1523	2472	2472	
SCOP				4.2	4.3	4.4	4.4	
		Energy efficiency class		A+	A+	A+	A+	
Operating Current(max)			A	19.4	19.4	27.1	8.6	
Indoor Unit	Input	Rated	kW	0.060	0.060	0.080	0.080	
	Operating Current(max)			A	0.43	0.43	0.57	0.57
	Dimensions	Height	mm	365	365	365	365	
		Width	mm	1170	1170	1170	1170	
		Depth	mm	295	295	295	295	
	Weight		kg	21	21	21	21	
	Air Volume	Low	m³/min.	18.0	18.0	20.0	20.0	
		Mid2	m³/min.	-	-	-	-	
		Mid	m³/min.	20.0	20.0	23.0	23.0	
		Hi	m³/min.	22.0	22.0	26.0	26.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	39	39	41	41	
		Mid2	dB(A)	-	-	-	-	
		Mid	dB(A)	42	42	45	45	
		Hi	dB(A)	45	45	49	49	
Sound Level (PWL)	Cooling		64	64	65	65		
Outdoor Unit	Dimensions	Height	mm	943	943	1338	1338	
		Width	mm	950	950	1050	1050	
		Depth	mm	330 (+25)	330 (+25)	330 (+40)	330 (+40)	
	Weight		kg	70	70	116	123	
	Air Volume	Cooling	Rated	m³/min.	55.0	55.0	110.0	110.0
		Heating	Rated	m³/min.	55.0	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47	49	49
			Silent	dB(A)	44	44	46	46
		Heating	Rated	dB(A)	49	49	51	51
	Sound Level (PWL)	Cooling		67	67	69	69	
	Operating Current(max)			A	19.0	19.0	26.5	8.0
	Breaker Size			A	25	25	32	16
	Ext. Piping	Diameter	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	100	100	
Max. Height		Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	
		Heating	Upper Limit.	°C	21	21	21	
			Lower Limit.	°C	-20	-20	-20	

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

Model Name	Indoor Unit			PKA-M100KA(L)		PKA-M100KA(L)	
	Outdoor Unit			PUZ-M100VKA		PUZ-M100YKA	
Power Supply				Source	Outdoor power supply		
	Out			V	230	400	
				Phase	Single	3	
				Hz	50	50	
	In			V	-	-	
				Phase	-	-	
		Hz	-	-			
Refrigerant				R32	R32		
Cooling	Capacity	Rated	kW	9.5	9.5		
		Max.	kW	10.6	10.4		
		Min.	kW	4.0	4.0		
	SHF	Rated		0.73	0.73		
	Total Input	Rated	kW	2.940	2.940		
	EER				3.23	3.23	
	Annual Electricity Consumption			kWh/a	572	572	
	SEER				5.8	5.8	
				Energy efficiency class	A ⁺	A ⁺	
	Heating	Capacity	Rated	kW	11.2	11.2	
Max.			kW	12.5	12.5		
Min.			kW	2.8	2.8		
Total Input		Rated	kW	3.28	3.28		
COP				3.41	3.41		
Annual Electricity Consumption			kWh/a	2797	2797		
SCOP				4.0	4.0		
			Energy efficiency class	A ⁺	A ⁺		
Operating Current(max)			A	20.6	12.1		
Indoor Unit	Input	Rated	kW	0.080	0.080		
		Operating Current(max)			A	0.57	0.57
	Dimensions	Height		mm	365	365	
		Width		mm	1170	1170	
		Depth		mm	295	295	
	Weight			kg	21	21	
	Air Volume	Low	m ³ /min.	20.0	20.0		
		Mid2	m ³ /min.	-	-		
		Mid	m ³ /min.	23.0	23.0		
		Hi	m ³ /min.	26.0	26.0		
	External Static Pressure			Pa	-	-	
	Sound Level (SPL)	Low	dB(A)	41	41		
		Mid2	dB(A)	-	-		
		Mid	dB(A)	45	45		
		Hi	dB(A)	49	49		
	Sound Level (PWL) Cooling				65	65	
Outdoor Unit	Dimensions	Height		mm	981	981	
		Width		mm	1050	1050	
		Depth		mm	330 (+40)	330 (+40)	
	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				70	70	
	Operating Current(max)			A	20	11.5	
	Breaker Size			A	32	16	
	Ext. Piping	Diameter	Liquid	mm	9.52	9.52	
Gas			mm	15.88	15.88		
Max. Length		Out-In	m	55	55		
Max. Height		Out-In	Below Indoor	m	30	30	
			Above Indoor	m	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	
			Lower Limit.	°C	-15*	-15*	
		Heating	Upper Limit.	°C	21	21	
			Lower Limit.	°C	-15	-15	

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

A.2.1.2 R410A type
1. ZUBADAN

WALL-MOUNTED SPECIFICATIONS

Model Name	Indoor Unit		PKA-M100KA(L)		PKA-M100KA(L)		
	Outdoor Unit		PUHZ-SHW112VHA(-BS)		PUHZ-SHW112YHA(-BS)		
Power Supply			Source	Outdoor power supply			
	Out			V	230	400	
				Phase	Single	3	
				Hz	50	50	
	In			V	-	-	
		Phase	-	-			
		Hz	-	-			
Refrigerant			R410A	R410A			
Cooling	Capacity	Rated	kW	10.0	10.0		
		Max.	kW	11.4	11.4		
		Min.	kW	4.9	4.9		
	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		
		Max.	kW	14.0	14.0		
		Min.	kW	4.5	4.5		
	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	Rated	kW	0.080	0.080		
		Operating Current(max)	A	0.57	0.57		
	Dimensions	Height	mm	365	365		
		Width	mm	1170	1170		
		Depth	mm	295	295		
	Weight			kg	21	21	
	Air Volume	Low	m ³ /min.	20.0	20.0		
		Mid2	m ³ /min.	-	-		
		Mid	m ³ /min.	23.0	23.0		
		Hi	m ³ /min.	26.0	26.0		
	External Static Pressure			Pa	-	-	
	Sound Level (SPL)	Low	dB(A)	41	41		
		Mid2	dB(A)	-	-		
		Mid	dB(A)	45	45		
		Hi	dB(A)	49	49		
Sound Level (PWL)	Cooling			65	65		
Outdoor Unit	Dimensions	Height	mm	1350	1350		
		Width	mm	950	950		
		Depth	mm	330 (+30)	330 (+30)		
	Weight			kg	120	134	
	Air Volume	Cooling	Rated	m ³ /min.	100.0	100.0	
		Heating	Rated	m ³ /min.	100.0	100.0	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	
			Silent	dB(A)	48	48	
		Heating	Rated	dB(A)	52	52	
	Sound Level (PWL)	Cooling			69	69	
	Operating Current(max)			A	35.0	13.0	
	Breaker Size			A	40	16	
Ext. Piping	Diameter	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max. Length	Out-In	m	75	75		
	Max. Height	Out-In	Below Indoor	m	30	30	
			Above Indoor	m	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	
			Lower Limit.	°C	-15*	-15*	
	Heating	Upper Limit.	°C	21	21		
		Lower Limit.	°C	-25	-25		

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

2. Power Inverter SERIES

Model Name	Indoor Unit			PKA-M35HA(L)	PKA-M50HA(L)	
	Outdoor Unit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	
Power Supply	Source			Outdoor power supply		
	Out	V			230	230
		Phase			Single	Single
		Hz			50	50
	In	V			-	-
		Phase			-	-
Hz			-	-		
Refrigerant				R410A	R410A	
Cooling	Capacity	Rated	kW	3.6	4.6	
		Max.	kW	4.5	5.6	
		Min.	kW	1.6	2.3	
	SHF	Rated		0.81	0.72	
	Total Input	Rated	kW	0.94	1.41	
	EER			3.83	3.26	
	Annual Electricity Consumption			kWh/a	214	296
	SEER			5.9	5.4	
			Energy efficiency class	A+	A	
Heating	Capacity	Rated	kW	4.1	5.0	
		Max.	kW	5.2	7.3	
		Min.	kW	1.6	2.5	
	Total Input	Rated	kW	1.07	1.50	
	COP			3.83	3.33	
	Annual Electricity Consumption			kWh/a	847	1160
	SCOP			3.9	4.0	
				Energy efficiency class	A	A+
Operating Current(max)			A	13.4	13.4	
Indoor Unit	Input	Rated	kW	0.040	0.040	
		Operating Current(max)			A	0.40
	Dimensions	Height	mm	295	295	
		Width	mm	898	898	
		Depth	mm	249	249	
	Weight			kg	13	13
	Air Volume	Low	m ³ /min.	9.0	9.0	
		Mid2	m ³ /min.	-	-	
		Mid	m ³ /min.	10.5	10.5	
		Hi	m ³ /min.	12.0	12.0	
	External Static Pressure			Pa	-	-
	Sound Level (SPL)	Low	dB(A)	36	36	
		Mid2	dB(A)	-	-	
		Mid	dB(A)	40	40	
		Hi	dB(A)	43	43	
Sound Level (PWL) Cooling				60	60	
Outdoor Unit	Dimensions	Height	mm	630	630	
		Width	mm	809	809	
		Depth	mm	300 (+23)	300 (+23)	
	Weight			kg	43	46
	Air Volume	Cooling	Rated	m ³ /min.	45.0	45.0
		Heating	Rated	m ³ /min.	45.0	45.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44
		Heating	Rated	dB(A)	41	41
	Sound Level (PWL)	Cooling	Rated	dB(A)	46	46
		Heating	Rated	dB(A)	46	46
	Sound Level (PWL) Cooling				65	65
	Operating Current(max)			A	13.0	13.0
	Breaker Size			A	16	16
	Ext. Piping	Diameter	Liquid	mm	6.35	6.35
			Gas	mm	12.7	12.7
Max. Length		Out-In	m	50	50	
Max. Height		Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range		Out	Cooling	Upper Limit.	°C	46
	Cooling		Lower Limit.	°C	-15*	-15*
	Heating	Upper Limit.	°C	21	21	
		Lower Limit.	°C	-11	-11	

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

Model Name	Indoor Unit			PKA-M60KA(L)	PKA-M71KA(L)	PKA-M100KA(L)	PKA-M100KA(L)	
	Outdoor Unit			PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	
Power Supply	Source			Outdoor power supply				
	Out	V		230	230	230	400	
		Phase		Single	Single	Single	3	
		Hz		50	50	50	50	
	In	V		-	-	-	-	
Phase		-	-	-	-			
Hz		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	6.1	7.1	9.5	9.5	
		Max.	kW	6.7	8.1	11.4	11.4	
		Min.	kW	2.7	3.3	4.9	4.9	
	SHF	Rated		0.86	0.78	0.73	0.73	
	Total Input	Rated	kW	1.60	1.80	2.40	2.40	
	EER			3.81	3.94	3.96	3.96	
	Annual Electricity Consumption			kWh/a	324	368	522	533
	SEER			6.5	6.7	6.3	6.2	
	Energy efficiency class			A++	A++	A++	A+	
	Heating	Capacity	Rated	kW	7.0	8.0	11.2	11.2
Max.			kW	8.2	10.2	14.0	14.0	
Min.			kW	2.8	3.5	4.5	4.5	
Total Input		Rated	kW	1.96	2.19	3.04	3.04	
COP			3.57	3.65	3.68	3.68		
Annual Electricity Consumption			kWh/a	1473	1532	2608	2608	
SCOP			4.2	4.3	4.1	4.1		
Energy efficiency class			A+	A+	A+	A+		
Operating Current(max)			A	19.4	19.4	27.1	8.6	
Indoor Unit		Input	Rated	kW	0.060	0.060	0.080	0.080
	Operating Current(max)			A	0.43	0.43	0.57	0.57
	Dimensions	Height	mm	365	365	365	365	
		Width	mm	1170	1170	1170	1170	
		Depth	mm	295	295	295	295	
	Weight			kg	21	21	21	21
	Air Volume	Low	m³/min.	18.0	18.0	20.0	20.0	
		Mid2	m³/min.	-	-	-	-	
		Mid	m³/min.	20.0	20.0	23.0	23.0	
		Hi	m³/min.	22.0	22.0	26.0	26.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	39	39	41	41	
		Mid2	dB(A)	-	-	-	-	
		Mid	dB(A)	42	42	45	45	
		Hi	dB(A)	45	45	49	49	
	Sound Level (PWL) Cooling				64	64	65	65
Outdoor Unit	Dimensions	Height	mm	943	943	1338	1338	
		Width	mm	950	950	1050	1050	
		Depth	mm	330 (+30)	330 (+30)	330 (+40)	330 (+40)	
	Weight			kg	70	70	116	123
	Air Volume	Cooling	Rated	m³/min.	55.0	55.0	110.0	110.0
		Heating	Rated	m³/min.	55.0	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47	49	49
		Heating	Silent	dB(A)	44	44	46	46
			Rated	dB(A)	48	48	51	51
	Sound Level (PWL) Cooling				67	67	69	69
	Operating Current(max)			A	19.0	19.0	26.5	8.0
	Breaker Size			A	25	25	32	16
	Ext. Piping	Diameter	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	75	75	
Max. Height		Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

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

3. Mr.Slim+

Model Name	Indoor Unit			PKA-M71KA(L)	
	Outdoor Unit			PUHZ-FRP71VHA2	
Power Supply	Source			Outdoor power supply	
	Out	V		230	
		Phase		Single	
		Hz		50	
	In	V		-	
		Phase		-	
Hz		-			
Refrigerant				R410A	
Cooling	Capacity	Rated	kW	7.1	
		Max.	kW	8.1	
		Min.	kW	3.3	
	SHF	Rated		-	
	Total Input	Rated	kW	1.93	
	EER				3.67
	Annual Electricity Consumption			kWh/a	386
	SEER				6.4
	Energy efficiency class			A++	
	Heating	Capacity	Rated	kW	8.0
Max.			kW	10.2	
Min.			kW	3.5	
Total Input		Rated	kW	2.28	
COP				3.50	
Annual Electricity Consumption			kWh/a	1564	
SCOP				4.2	
Energy efficiency class			A+		
Operating Current(max)			A	19.4	
Indoor Unit		Input	Rated	kW	0.060
	Operating Current(max)			A	
	Dimensions	Height		mm	365
		Width		mm	1170
		Depth		mm	295
	Weight			kg	21
	Air Volume	Low	m ³ /min.	18.0	
		Mid2	m ³ /min.	-	
		Mid	m ³ /min.	20.0	
		Hi	m ³ /min.	22.0	
	External Static Pressure			Pa	-
	Sound Level (SPL)	Low	dB(A)	39	
		Mid2	dB(A)	-	
		Mid	dB(A)	42	
		Hi	dB(A)	45	
	Sound Level (PWL)	Cooling		64	
	Outdoor Unit	Dimensions	Height	mm	943
Width			mm	950	
Depth			mm	330 (+30)	
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		67	
Operating Current(max)			A	19.0	
Breaker Size			A	25	
Ext. Piping		Diameter	Liquid	mm	9.52
	Gas		mm	15.88	
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

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

4. Standard Inverter SERIES

Model Name	Indoor Unit			PKA-M100KA(L)			
	Outdoor Unit			PUHZ-P100VKA		PUHZ-P100YKA	
Power Supply	Source			Outdoor power supply			
	Out	V		230	400		
		Phase		Single	3		
		Hz		50			
	In	V		-			
		Phase		-			
Hz		-					
Refrigerant				R410A			
Cooling	Capacity	Rated	kW	9.4			
		Max.	kW	10.6			
		Min.	kW	3.7			
	SHF	Rated		0.73			
	Total Input	Rated		kW 3.120			
	EER				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		
Max.			kW	12.5			
Min.			kW	2.8			
Total Input		Rated		kW 3.48			
COP					3.21		
Annual Electricity Consumption		kWh/a		2795	2795		
SCOP				4.0	4.0		
		Energy efficiency class		A+	A+		
Operating Current(max)			A	20.6	12.1		
Indoor Unit	Input	Rated		kW 0.080			
	Operating Current(max)			A 0.57			
	Dimensions	Height		mm 365			
		Width		mm 1170			
		Depth		mm 295			
	Weight			kg 21			
	Air Volume	Low	m³/min.		20.0		
		Mid2	m³/min.		-		
		Mid	m³/min.		23.0		
		Hi	m³/min.		26.0		
	External Static Pressure			Pa -			
	Sound Level (SPL)	Low		dB(A) 41			
		Mid2		dB(A) -			
		Mid		dB(A) 45			
		Hi		dB(A) 49			
	Sound Level (PWL)	Cooling		65			
Outdoor Unit	Dimensions	Height		mm 981			
		Width		mm 1050			
		Depth		mm 330(+40)			
	Weight			kg 76		78	
	Air Volume	Cooling	Rated		m³/min. 79		
		Heating	Rated		m³/min. 79		
	Sound Level (SPL)	Cooling	Rated		dB(A) 51		
			Silent		dB(A) 49		
		Heating	Rated		dB(A) 54		
	Sound Level (PWL)	Cooling		70		70	
Operating Current(max)			A 20		11.5		
Breaker Size			A 32		16		
Ext. Piping	Diameter	Liquid		mm 9.52			
		Gas		mm 15.88			
	Max. Length	Out-In		m 50			
	Max. Height	Out-In	Below Indoor		m 30		
			Above Indoor		m 30		
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C 46			
			Lower Limit.	°C -15*			
		Heating	Upper Limit.	°C 21			
			Lower Limit.	°C -15			

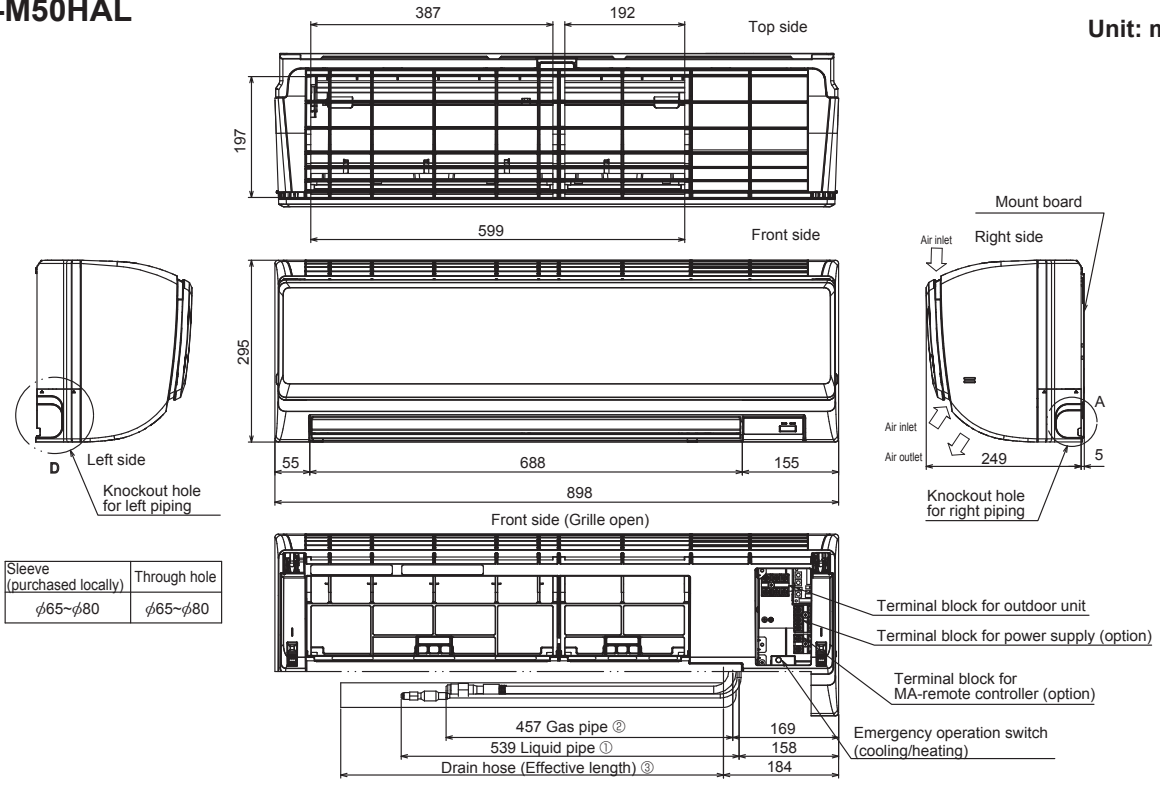
* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.2.2 OUTLINES AND DIMENSIONS

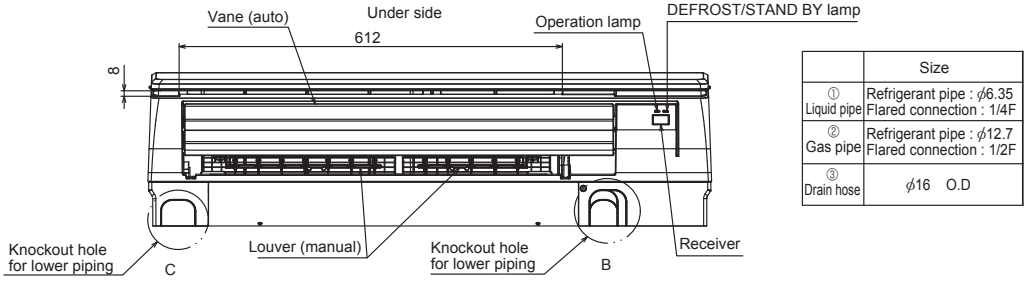
PKA-M35HA
 PKA-M35HAL
 PKA-M50HA
 PKA-M50HAL

WALL-MOUNTED OUTLINES AND DIMENSIONS

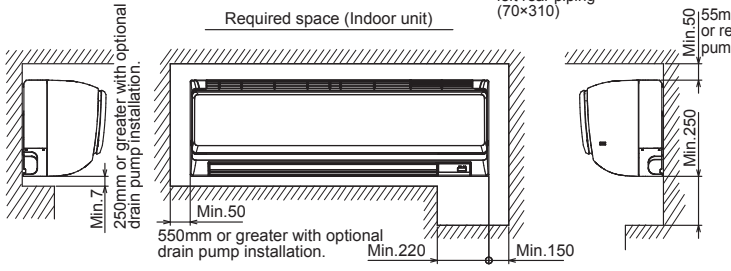
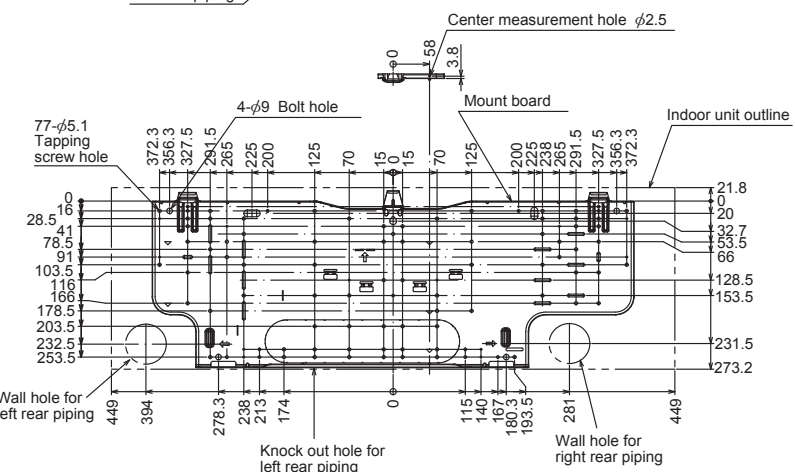
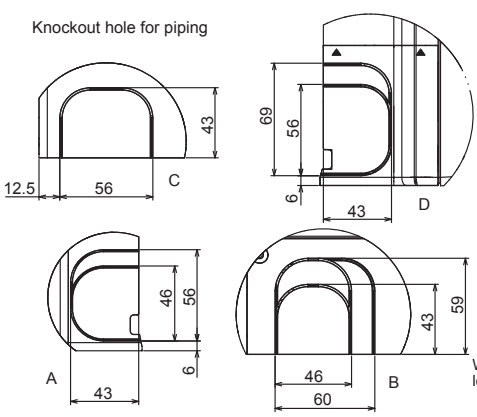
Unit: mm



Sleeve (purchased locally)	Through hole
φ65~φ80	φ65~φ80

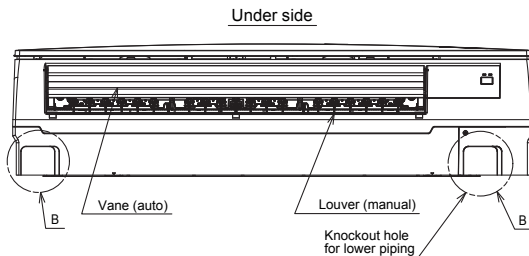
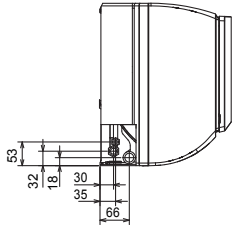
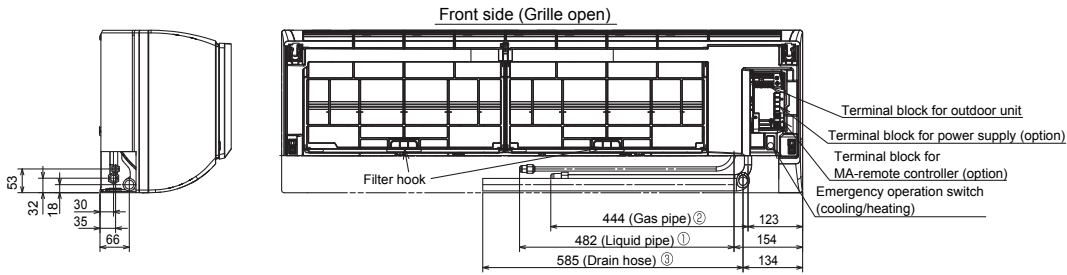
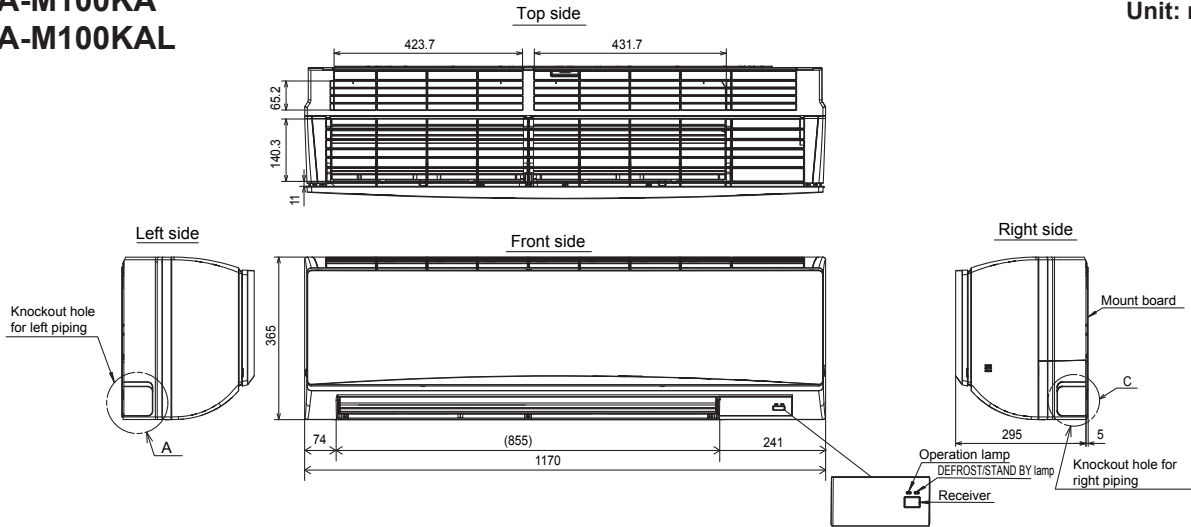


Size	
① Liquid pipe	Refrigerant pipe : φ6.35 Flared connection : 1/4F
② Gas pipe	Refrigerant pipe : φ12.7 Flared connection : 1/2F
③ Drain hose	φ16 O.D



PKA-M60KA
 PKA-M60KAL
 PKA-M71KA
 PKA-M71KAL
 PKA-M100KA
 PKA-M100KAL

Unit: mm

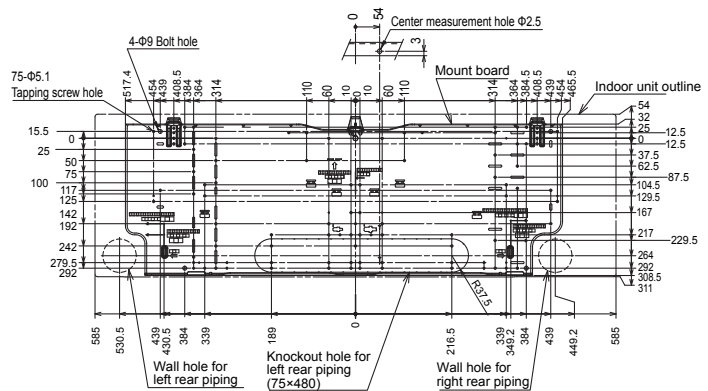
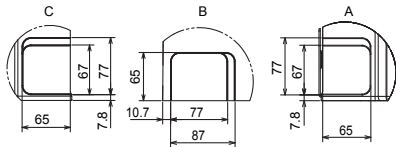


Piping connection department

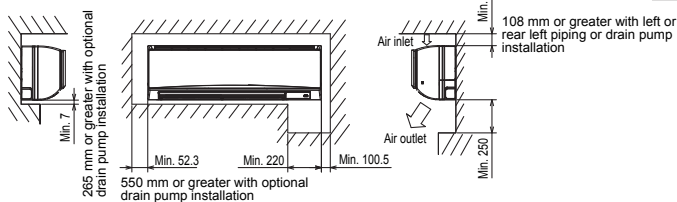
① Liquid pipe	Refrigerant pipe : $\phi 9.52$ Flared connection : 3/8F
② Gas pipe	Refrigerant pipe : $\phi 15.88$ Flared connection : 5/8F
③ Drain hose	$\phi 16$ O.D

Sleeve (purchased locally)	Through hole
$\phi 75$	$\phi 75 \sim \phi 80$

Knockout hole for piping



Required space (Indoor unit)

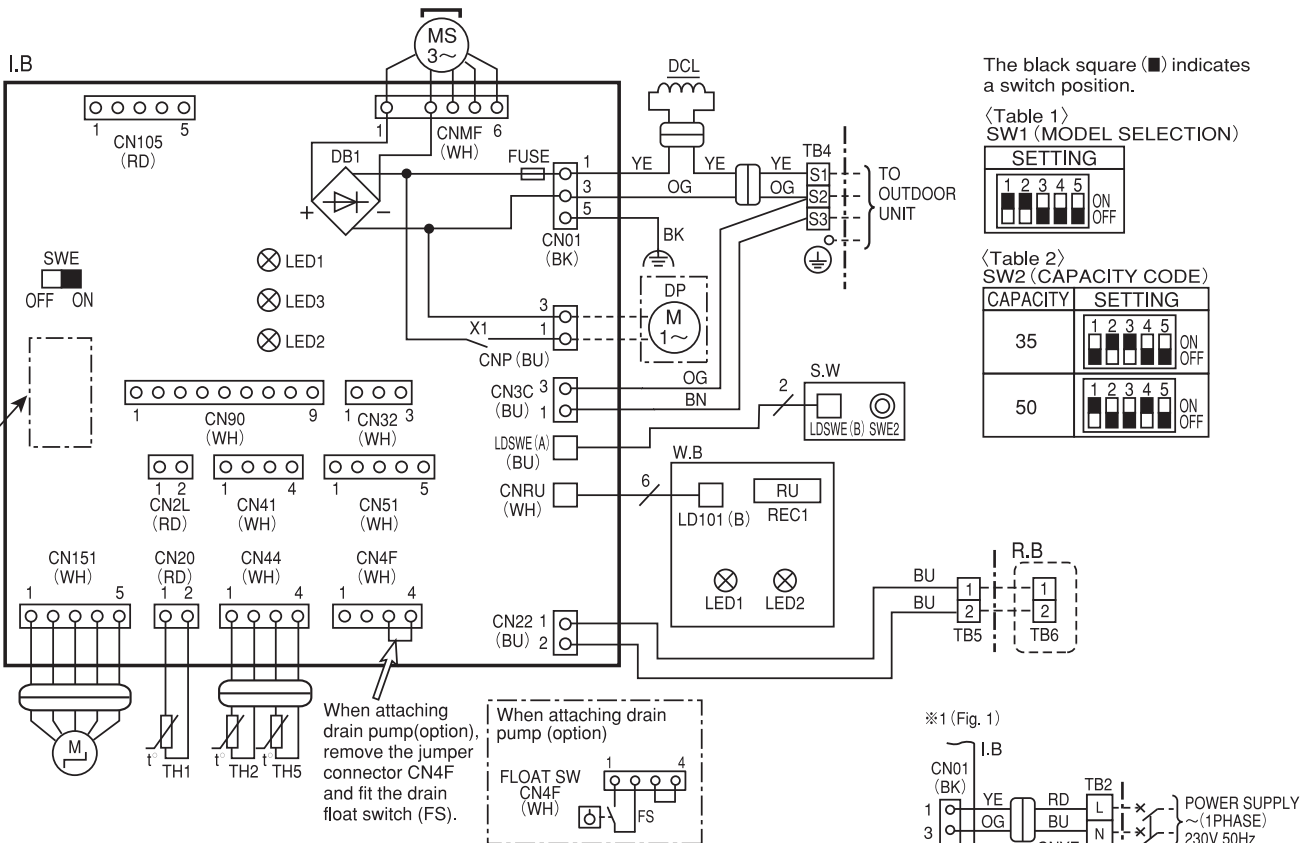


A.2.3 WIRING DIAGRAM

PKA-M35HA PKA-M50HA

【Explanation of symbols】

Symbol	Name	Symbol	Name
I.B	Indoor controller board	M	Vane motor
CN105	Connector	MS	Fan motor
CN2L	Connector (LOSSNAY)	S.W	Switch board
CN32	Connector (Remote switch)	SWE2	Emergency operation
CN41	Connector (HA terminal-A)	TB2	Terminal block(Indoor unit Power (option))
CN51	Connector (Centrally control)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Remote operation adapter)	TB5	Terminal block (Remote controller transmission line)
FUSE	FUSE(T3.15AL250V)	TH1	Room temp. Thermistor (0°C/15kΩ, 25°C/5.4kΩ Detect)
LED1	Power supply (I.B)	TH2	Pipe temp. Thermistor/liquid (0°C/15kΩ, 25°C/5.4kΩ Detect)
LED2	Power supply (R.B)	TH5	Cond./eva. temp. Thermistor (0°C/15kΩ, 25°C/5.4kΩ Detect)
LED3	Transmission (Indoor-outdoor)	W.B	Pcb for wireless remote controller
SW1	Switch (Model selection) Refer to (Table 1)	LED1	LED (Operation indication : Green)
SW2	Switch (Capacity code) Refer to (Table 2)	LED2	LED (Preparation for heating: Orange)
SWE	Connector (Emergency operation)	REC1	Receiving unit
X1	Relay (Drain pump (option))	DCL	REACTOR
CNP	Drain pump (option) power supply (Drain pump (option))	DP	DRAIN PUMP (OPTION)
CN4F	Drain float switch (Drain pump (option))	FS	DRAIN FLOAT SWITCH (OPTION)
R.B	Wired remote controller(option)		
TB6	Terminal block (Remote controller transmission line)		



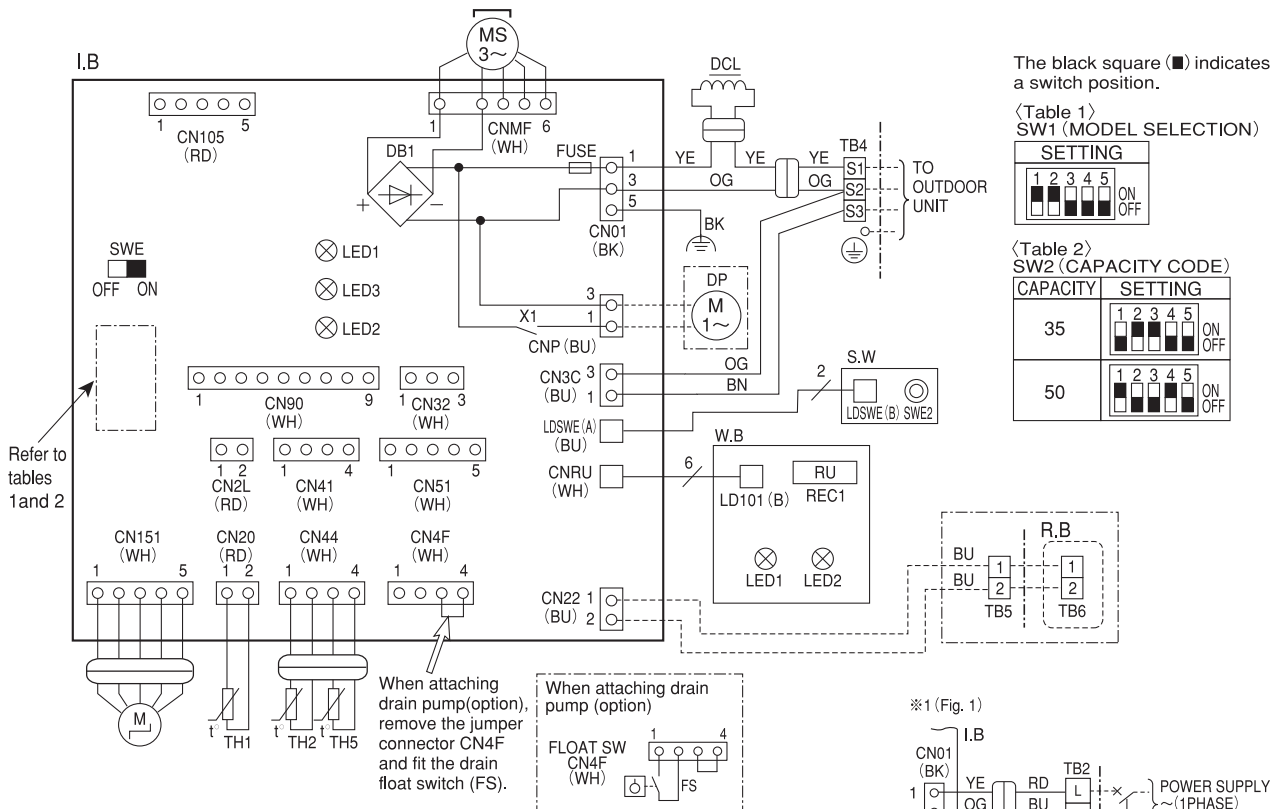
Notes:

- 1.Symbols used in wiring diagram above 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.

**PKA-M35HAL
PKA-M50HAL**

[Explanation of symbols]

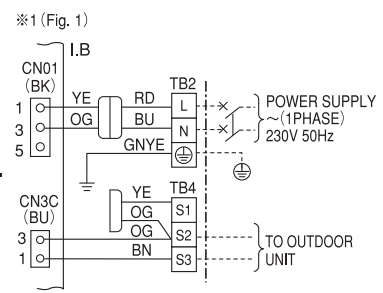
Symbol	Name	Symbol	Name
I.B	Indoor controller board	M	Vane motor
CN105	Connector	MS	Fan motor
CN2L	Connector (LOSSNAY)	S.W	Switch board
CN32	Connector (Remote switch)	SWE2	Emergency operation
CN41	Connector (HA terminal-A)	TB2	Terminal block(Indoor unit Power (option))
CN51	Connector (Centrally control)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Remote operation adapter)	TB5	Terminal block (Remote controller transmission line(option))
FUSE	FUSE(T3.15A/250V)	TH1	Room temp. Thermistor (0°C/15kΩ, 25°C/5.4kΩ Detect)
LED1	Power supply (I.B)	TH2	Pipe temp. Thermistor/liquid (0°C/15kΩ, 25°C/5.4kΩ Detect)
LED2	Power supply (R.B)	TH5	Cond./eva. temp. Thermistor (0°C/15kΩ, 25°C/5.4kΩ Detect)
LED3	Transmission (Indoor-outdoor)	W.B	Pcb for wireless remote controller
SW1	Switch (Model selection) Refer to (Table 1)	LED1	LED (Operation indication : Green)
SW2	Switch (Capacity code) Refer to (Table 2)	LED2	LED (Preparation for heating: Orange)
SWE	Connector (Emergency operation)	REC1	Receiving unit
X1	Relay (Drain pump (option))	DCL	REACTOR
CNP	Drain pump (option) power supply (Drain pump (option))	DP	DRAIN PUMP (OPTION)
CN4F	Drain float switch (Drain pump (option))	FS	DRAIN FLOAT SWITCH (OPTION)
R.B	Wired remote controller(option)		
TB6	Terminal block (Remote controller transmission line)		



Notes:

- 1.Symbols used in wiring diagram above 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.

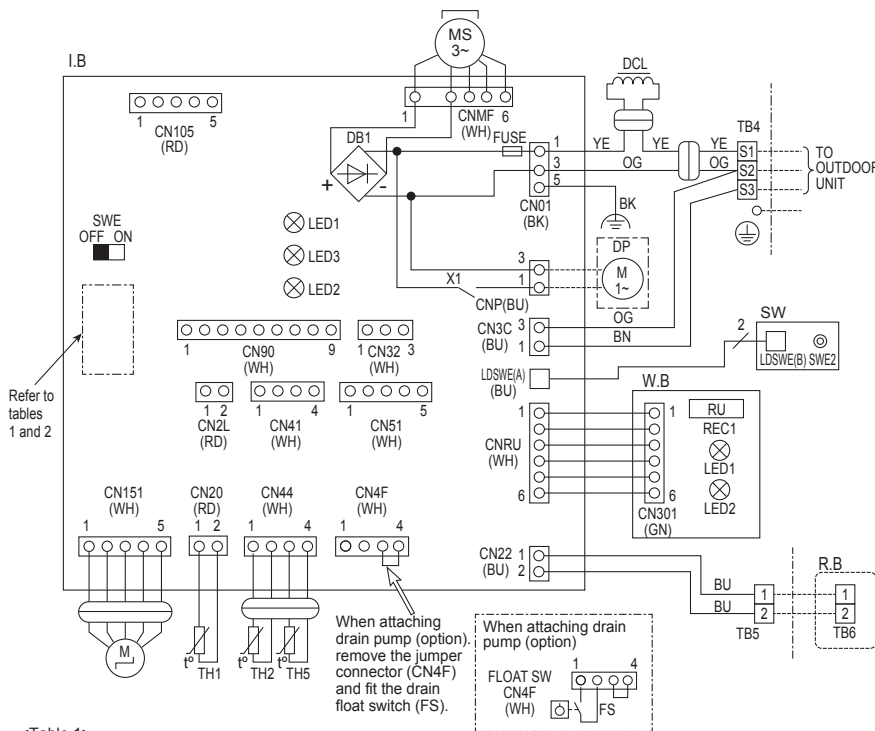


PKA-M60KA
PKA-M71KA
PKA-M100KA

WALL-MOUNTED WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	M	VANE MOTOR
CNP	DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))	MS	FAN MOTOR
CN105	CONNECTOR	S.W	SWITCH BOARD
CN2L	CONNECTOR (LOSSNAY)	SWE2	EMERGENCY OPERATION
CN32	CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (INDOOR UNIT POWER (OPTION))
CN41	CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN4F	DRAIN FLOAT SWITCH (DRAIN PUMP (OPTION))	TB5	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH1	ROOM TEMP. THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
CN90	CONNECTOR (REMOTE OPERATION ADAPTER)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
FUSE	FUSE (T3.15A/250V)	TH5	COND./EVA. TEMP. THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
LED1	POWER SUPPLY (I.B)	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
LED2	POWER SUPPLY (R.B)	LED1	LED (OPERATION INDICATION : GREEN)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW1	SWITCH (MODEL SELECTION) * Refer to <table 1>	REC1	RECEIVING UNIT
SW2	SWITCH (CAPACITY CODE) * Refer to <table 2>	DCL	REACTOR
SWE	CONNECTOR (EMERGENCY OPERATION)	DP	DRAIN PUMP (OPTION)
X1	RELAY (DRAIN PUMP (OPTION))	FS	DRAIN FLOAT SWITCH (OPTION)
R.B	WIRED REMOTE CONTROLLER (OPTION)		
TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)		

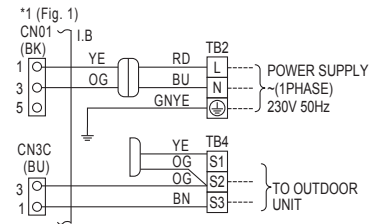


Notes:

- Symbols used in wiring diagram above are, : Connector, : Terminal (block).
- Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
- Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
- 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.



<Table 1>
SW1 (MODEL SELECTION)

SETTING	ON	OFF
1	■	□
2	■	□
3	■	□
4	■	□
5	■	□

<Table 2>
SW2 (CAPACITY CODE)

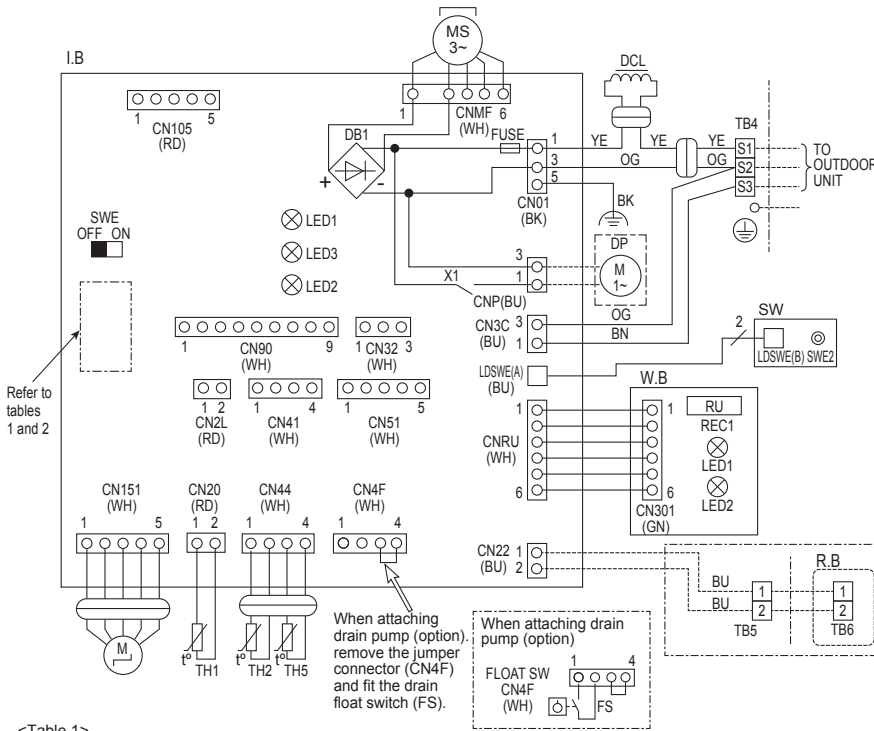
CAPACITY	SETTING	CAPACITY	SETTING	CAPACITY	SETTING
60	1 ■ 2 ■ 3 ■ 4 ■ 5 □ ON OFF	71	1 ■ 2 ■ 3 ■ 4 ■ 5 □ ON OFF	100	1 ■ 2 ■ 3 ■ 4 ■ 5 □ ON OFF

The black square (■) indicates a switch position.

**PKA-M60KAL
PKA-M71KAL
PKA-M100KAL**

[LEGEND]

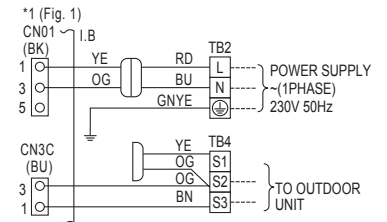
SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	M	VANE MOTOR
CNP	DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))	MS	FAN MOTOR
CN105	CONNECTOR	S.W	SWITCH BOARD
CN2L	CONNECTOR (LOSSNAY)	SWE2	EMERGENCY OPERATION
CN32	CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (INDOOR UNIT POWER (OPTION))
CN41	CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN4F	DRAIN FLOAT SWITCH (DRAIN PUMP (OPTION))	TB5	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE (OPTION))
CN51	CONNECTOR (CENTRALLY CONTROL)	TH1	ROOM TEMP. THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
CN90	CONNECTOR (REMOTE OPERATION ADAPTER)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
FUSE	FUSE (T3.15A/250V)	TH5	COND./EVA. TEMP. THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
LED1	POWER SUPPLY (I.B)	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
LED2	POWER SUPPLY (R.B)	LED1	LED (OPERATION INDICATION : GREEN)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW1	SWITCH (MODEL SELECTION) * Refer to <table 1>	REC1	RECEIVING UNIT
SW2	SWITCH (CAPACITY CODE) * Refer to <table 2>	DCL	REACTOR
SWE	CONNECTOR (EMERGENCY OPERATION)	DP	DRAIN PUMP (OPTION)
X1	RELAY (DRAIN PUMP (OPTION))	FS	DRAIN FLOAT SWITCH (OPTION)
R.B	WIRED REMOTE CONTROLLER (OPTION)		
TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)		



Notes:

1. Symbols used in wiring diagram above 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.



<Table 1>
SW1 (MODEL SELECTION)

SETTING
1 2 3 4 5 ON OFF

<Table 2>
SW2 (CAPACITY CODE)

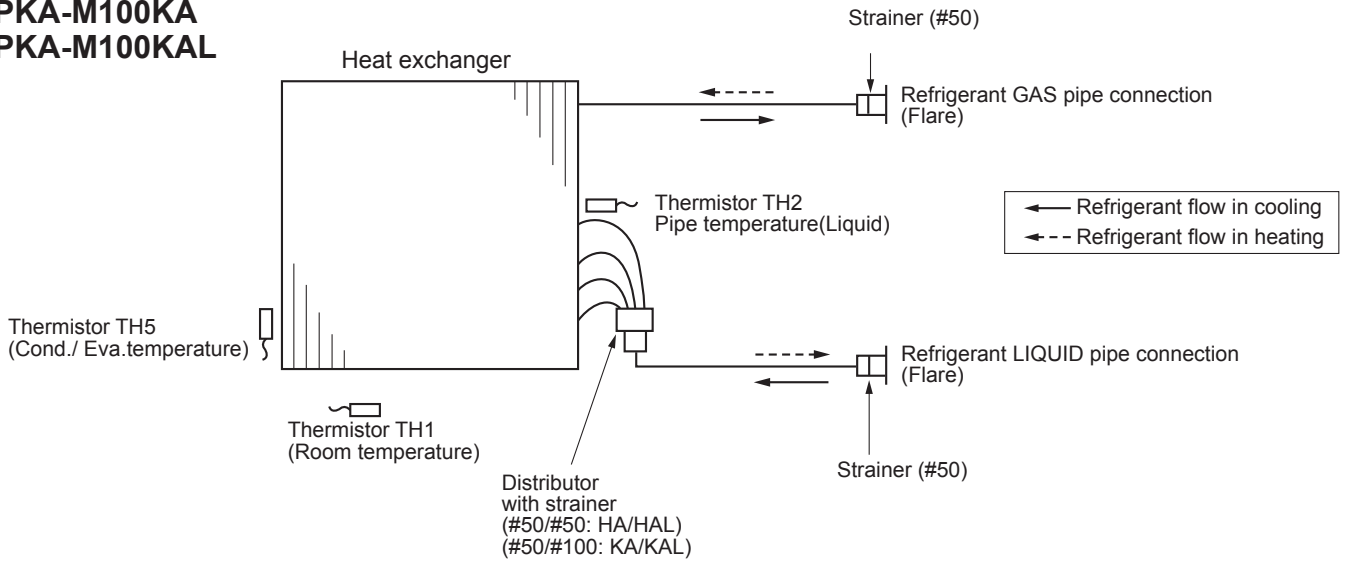
CAPACITY	SETTING	CAPACITY	SETTING	CAPACITY	SETTING
60	1 2 3 4 5 ON OFF	71	1 2 3 4 5 ON OFF	100	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.

A.2.4 REFRIGERANT SYSTEM DIAGRAM

- PKA-M35HA
- PKA-M35HAL
- PKA-M50HA
- PKA-M50HAL
- PKA-M60KA
- PKA-M60KAL
- PKA-M71KA
- PKA-M71KAL
- PKA-M100KA
- PKA-M100KAL

WALL-MOUNTED REFRIGERANT SYSTEM DIAGRAM



A.2.5 PERFORMANCE DATA

**A.2.5.1 R32 type
COOLING CAPACITY**

PKA-M35HA PKA-M35HAL / PUZ-ZM35VKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,530	0.71	0.695	3,456	2,454	0.71	0.734	3,348	2,377	0.71	0.778
20	18	3,816	2,251	0.59	0.708	3,708	2,188	0.59	0.747	3,582	2,113	0.59	0.799
20	20	4,104	1,929	0.47	0.730	4,014	1,887	0.47	0.765	3,906	1,836	0.47	0.817
22	16	3,564	2,816	0.79	0.695	3,456	2,730	0.79	0.734	3,348	2,645	0.79	0.778
22	18	3,816	2,557	0.67	0.708	3,708	2,484	0.67	0.747	3,582	2,400	0.67	0.799
22	20	4,104	2,257	0.55	0.730	4,014	2,208	0.55	0.765	3,906	2,148	0.55	0.817
24	16	3,564	3,101	0.87	0.695	3,456	3,007	0.87	0.734	3,348	2,913	0.87	0.778
24	18	3,816	2,862	0.75	0.708	3,708	2,781	0.75	0.747	3,582	2,687	0.75	0.799
24	20	4,104	2,586	0.63	0.730	4,014	2,529	0.63	0.765	3,906	2,461	0.63	0.817
24	22	4,374	2,231	0.51	0.747	4,284	2,185	0.51	0.791	4,176	2,130	0.51	0.843
26	16	3,564	3,386	0.95	0.695	3,456	3,283	0.95	0.734	3,348	3,181	0.95	0.778
26	18	3,816	3,167	0.83	0.708	3,708	3,078	0.83	0.747	3,582	2,973	0.83	0.799
26	20	4,104	2,914	0.71	0.730	4,014	2,850	0.71	0.765	3,906	2,773	0.71	0.817
26	22	4,374	2,581	0.59	0.747	4,284	2,528	0.59	0.791	4,176	2,464	0.59	0.843
27	16	3,564	3,528	0.99	0.695	3,456	3,421	0.99	0.734	3,348	3,315	0.99	0.778
27	18	3,816	3,320	0.87	0.708	3,708	3,226	0.87	0.747	3,582	3,116	0.87	0.799
27	20	4,104	3,078	0.75	0.730	4,014	3,011	0.75	0.765	3,906	2,930	0.75	0.817
27	22	4,374	2,756	0.63	0.747	4,284	2,699	0.63	0.791	4,176	2,631	0.63	0.843
28	16	3,564	3,564	1.00	0.695	3,456	3,456	1.00	0.734	3,348	3,348	1.00	0.778
28	18	3,816	3,473	0.91	0.708	3,708	3,374	0.91	0.747	3,582	3,260	0.91	0.799
28	20	4,104	3,242	0.79	0.730	4,014	3,171	0.79	0.765	3,906	3,086	0.79	0.817
28	22	4,374	2,931	0.67	0.747	4,284	2,870	0.67	0.791	4,176	2,798	0.67	0.843
30	16	3,564	3,564	1.00	0.695	3,456	3,456	1.00	0.734	3,348	3,348	1.00	0.778
30	18	3,816	3,778	0.99	0.708	3,708	3,671	0.99	0.747	3,582	3,546	0.99	0.799
30	20	4,104	3,570	0.87	0.730	4,014	3,492	0.87	0.765	3,906	3,398	0.87	0.817
30	22	4,374	3,281	0.75	0.747	4,284	3,213	0.75	0.791	4,176	3,132	0.75	0.843
32	16	3,564	3,564	1.00	0.695	3,456	3,456	1.00	0.734	3,348	3,348	1.00	0.778
32	18	3,816	3,816	1.00	0.708	3,708	3,708	1.00	0.747	3,582	3,582	1.00	0.799
32	20	4,104	3,899	0.95	0.730	4,014	3,813	0.95	0.765	3,906	3,711	0.95	0.817
32	22	4,374	3,630	0.83	0.747	4,284	3,556	0.83	0.791	4,176	3,466	0.83	0.843
34	16	3,564	3,564	1.00	0.695	3,456	3,456	1.00	0.734	3,348	3,348	1.00	0.778
34	18	3,816	3,816	1.00	0.708	3,708	3,708	1.00	0.747	3,582	3,582	1.00	0.799
34	20	4,104	4,104	1.00	0.730	4,014	4,014	1.00	0.765	3,906	3,906	1.00	0.817
34	22	4,374	3,980	0.91	0.747	4,284	3,898	0.91	0.791	4,176	3,800	0.91	0.843

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,275	0.71	0.834	3,060	2,173	0.71	0.895	2,916	2,070	0.71	0.969
20	18	3,456	2,039	0.59	0.856	3,348	1,975	0.59	0.921	3,132	1,848	0.59	0.991
20	20	3,744	1,760	0.47	0.878	3,600	1,692	0.47	0.939	3,384	1,590	0.47	1.008
22	16	3,204	2,531	0.79	0.834	3,060	2,417	0.79	0.895	2,916	2,304	0.79	0.969
22	18	3,456	2,316	0.67	0.856	3,348	2,243	0.67	0.921	3,132	2,098	0.67	0.991
22	20	3,744	2,059	0.55	0.878	3,600	1,980	0.55	0.939	3,384	1,861	0.55	1.008
24	16	3,204	2,787	0.87	0.834	3,060	2,662	0.87	0.895	2,916	2,537	0.87	0.969
24	18	3,456	2,592	0.75	0.856	3,348	2,511	0.75	0.921	3,132	2,349	0.75	0.991
24	20	3,744	2,359	0.63	0.878	3,600	2,268	0.63	0.939	3,384	2,132	0.63	1.008
24	22	4,032	2,056	0.51	0.895	3,888	1,983	0.51	0.965	3,672	1,873	0.51	1.025
26	16	3,204	3,044	0.95	0.834	3,060	2,907	0.95	0.895	2,916	2,770	0.95	0.969
26	18	3,456	2,868	0.83	0.856	3,348	2,779	0.83	0.921	3,132	2,600	0.83	0.991
26	20	3,744	2,658	0.71	0.878	3,600	2,556	0.71	0.939	3,384	2,403	0.71	1.008
26	22	4,032	2,379	0.59	0.895	3,888	2,294	0.59	0.965	3,672	2,166	0.59	1.025
27	16	3,204	3,172	0.99	0.834	3,060	3,029	0.99	0.895	2,916	2,887	0.99	0.969
27	18	3,456	3,007	0.87	0.856	3,348	2,913	0.87	0.921	3,132	2,725	0.87	0.991
27	20	3,744	2,808	0.75	0.878	3,600	2,700	0.75	0.939	3,384	2,538	0.75	1.008
27	22	4,032	2,540	0.63	0.895	3,888	2,449	0.63	0.965	3,672	2,313	0.63	1.025
28	16	3,204	3,204	1.00	0.834	3,060	3,060	1.00	0.895	2,916	2,916	1.00	0.969
28	18	3,456	3,145	0.91	0.856	3,348	3,047	0.91	0.921	3,132	2,850	0.91	0.991
28	20	3,744	2,958	0.79	0.878	3,600	2,844	0.79	0.939	3,384	2,673	0.79	1.008
28	22	4,032	2,701	0.67	0.895	3,888	2,605	0.67	0.965	3,672	2,460	0.67	1.025
30	16	3,204	3,204	1.00	0.834	3,060	3,060	1.00	0.895	2,916	2,916	1.00	0.969
30	18	3,456	3,421	0.99	0.856	3,348	3,315	0.99	0.921	3,132	3,101	0.99	0.991
30	20	3,744	3,257	0.87	0.878	3,600	3,132	0.87	0.939	3,384	2,944	0.87	1.008
30	22	4,032	3,024	0.75	0.895	3,888	2,916	0.75	0.965	3,672	2,754	0.75	1.025
32	16	3,204	3,204	1.00	0.834	3,060	3,060	1.00	0.895	2,916	2,916	1.00	0.969
32	18	3,456	3,456	1.00	0.856	3,348	3,348	1.00	0.921	3,132	3,132	1.00	0.991
32	20	3,744	3,557	0.95	0.878	3,600	3,420	0.95	0.939	3,384	3,215	0.95	1.008
32	22	4,032	3,347	0.83	0.895	3,888	3,227	0.83	0.965	3,672	3,048	0.83	1.025
34	16	3,204	3,204	1.00	0.834	3,060	3,060	1.00	0.895	2,916	2,916	1.00	0.969
34	18	3,456	3,456	1.00	0.856	3,348	3,348	1.00	0.921	3,132	3,132	1.00	0.991
34	20	3,744	3,744	1.00	0.878	3,600	3,600	1.00	0.939	3,384	3,384	1.00	1.008
34	22	4,032	3,669	0.91	0.895	3,888	3,538	0.91	0.965	3,672	3,342	0.91	1.025

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

COOLING CAPACITY
PKA-M50HA PKA-M50HAL / PUZ-ZM50VKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,554	2,823	0.62	0.991	4,416	2,738	0.62	1.047	4,278	2,652	0.62	1.109
20	18	4,876	2,438	0.50	1.010	4,738	2,369	0.50	1.066	4,577	2,289	0.50	1.140
20	20	5,244	1,993	0.38	1.041	5,129	1,949	0.38	1.090	4,991	1,897	0.38	1.165
22	16	4,554	3,188	0.70	0.991	4,416	3,091	0.70	1.047	4,278	2,995	0.70	1.109
22	18	4,876	2,828	0.58	1.010	4,738	2,748	0.58	1.066	4,577	2,655	0.58	1.140
22	20	5,244	2,412	0.46	1.041	5,129	2,359	0.46	1.090	4,991	2,296	0.46	1.165
24	16	4,554	3,552	0.78	0.991	4,416	3,444	0.78	1.047	4,278	3,337	0.78	1.109
24	18	4,876	3,218	0.66	1.010	4,738	3,127	0.66	1.066	4,577	3,021	0.66	1.140
24	20	5,244	2,832	0.54	1.041	5,129	2,770	0.54	1.090	4,991	2,695	0.54	1.165
24	22	5,589	2,347	0.42	1.066	5,474	2,299	0.42	1.127	5,336	2,241	0.42	1.202
26	16	4,554	3,916	0.86	0.991	4,416	3,798	0.86	1.047	4,278	3,679	0.86	1.109
26	18	4,876	3,608	0.74	1.010	4,738	3,506	0.74	1.066	4,577	3,387	0.74	1.140
26	20	5,244	3,251	0.62	1.041	5,129	3,180	0.62	1.090	4,991	3,094	0.62	1.165
26	22	5,589	2,795	0.50	1.066	5,474	2,737	0.50	1.127	5,336	2,668	0.50	1.202
27	16	4,554	4,099	0.90	0.991	4,416	3,974	0.90	1.047	4,278	3,850	0.90	1.109
27	18	4,876	3,803	0.78	1.010	4,738	3,696	0.78	1.066	4,577	3,570	0.78	1.140
27	20	5,244	3,461	0.66	1.041	5,129	3,385	0.66	1.090	4,991	3,294	0.66	1.165
27	22	5,589	3,018	0.54	1.066	5,474	2,956	0.54	1.127	5,336	2,881	0.54	1.202
28	16	4,554	4,281	0.94	0.991	4,416	4,151	0.94	1.047	4,278	4,021	0.94	1.109
28	18	4,876	3,998	0.82	1.010	4,738	3,885	0.82	1.066	4,577	3,753	0.82	1.140
28	20	5,244	3,671	0.70	1.041	5,129	3,590	0.70	1.090	4,991	3,494	0.70	1.165
28	22	5,589	3,242	0.58	1.066	5,474	3,175	0.58	1.127	5,336	3,095	0.58	1.202
30	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
30	18	4,876	4,388	0.90	1.010	4,738	4,264	0.90	1.066	4,577	4,119	0.90	1.140
30	20	5,244	4,090	0.78	1.041	5,129	4,001	0.78	1.090	4,991	3,893	0.78	1.165
30	22	5,589	3,689	0.66	1.066	5,474	3,613	0.66	1.127	5,336	3,522	0.66	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	4,778	0.98	1.010	4,738	4,643	0.98	1.066	4,577	4,485	0.98	1.140
32	20	5,244	4,510	0.86	1.041	5,129	4,411	0.86	1.090	4,991	4,292	0.86	1.165
32	22	5,589	4,136	0.74	1.066	5,474	4,051	0.74	1.127	5,336	3,949	0.74	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	4,929	0.94	1.041	5,129	4,821	0.94	1.090	4,991	4,692	0.94	1.165
34	22	5,589	4,583	0.82	1.066	5,474	4,489	0.82	1.127	5,336	4,376	0.82	1.202

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,094	2,538	0.62	1.189	3,910	2,424	0.62	1.276	3,726	2,310	0.62	1.381
20	18	4,416	2,208	0.50	1.220	4,278	2,139	0.50	1.313	4,002	2,001	0.50	1.412
20	20	4,784	1,818	0.38	1.251	4,600	1,748	0.38	1.338	4,324	1,643	0.38	1.437
22	16	4,094	2,866	0.70	1.189	3,910	2,737	0.70	1.276	3,726	2,608	0.70	1.381
22	18	4,416	2,561	0.58	1.220	4,278	2,481	0.58	1.313	4,002	2,321	0.58	1.412
22	20	4,784	2,201	0.46	1.251	4,600	2,116	0.46	1.338	4,324	1,989	0.46	1.437
24	16	4,094	3,193	0.78	1.189	3,910	3,050	0.78	1.276	3,726	2,906	0.78	1.381
24	18	4,416	2,915	0.66	1.220	4,278	2,823	0.66	1.313	4,002	2,641	0.66	1.412
24	20	4,784	2,583	0.54	1.251	4,600	2,484	0.54	1.338	4,324	2,335	0.54	1.437
24	22	5,152	2,164	0.42	1.276	4,968	2,087	0.42	1.375	4,692	1,971	0.42	1.462
26	16	4,094	3,521	0.86	1.189	3,910	3,363	0.86	1.276	3,726	3,204	0.86	1.381
26	18	4,416	3,268	0.74	1.220	4,278	3,166	0.74	1.313	4,002	2,961	0.74	1.412
26	20	4,784	2,966	0.62	1.251	4,600	2,852	0.62	1.338	4,324	2,681	0.62	1.437
26	22	5,152	2,576	0.50	1.276	4,968	2,484	0.50	1.375	4,692	2,346	0.50	1.462
27	16	4,094	3,685	0.90	1.189	3,910	3,519	0.90	1.276	3,726	3,353	0.90	1.381
27	18	4,416	3,444	0.78	1.220	4,278	3,337	0.78	1.313	4,002	3,122	0.78	1.412
27	20	4,784	3,157	0.66	1.251	4,600	3,036	0.66	1.338	4,324	2,854	0.66	1.437
27	22	5,152	2,782	0.54	1.276	4,968	2,683	0.54	1.375	4,692	2,534	0.54	1.462
28	16	4,094	3,848	0.94	1.189	3,910	3,675	0.94	1.276	3,726	3,502	0.94	1.381
28	18	4,416	3,621	0.82	1.220	4,278	3,508	0.82	1.313	4,002	3,282	0.82	1.412
28	20	4,784	3,349	0.70	1.251	4,600	3,220	0.70	1.338	4,324	3,027	0.70	1.437
28	22	5,152	2,988	0.58	1.276	4,968	2,881	0.58	1.375	4,692	2,721	0.58	1.462
30	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
30	18	4,416	3,974	0.90	1.220	4,278	3,850	0.90	1.313	4,002	3,602	0.90	1.412
30	20	4,784	3,732	0.78	1.251	4,600	3,588	0.78	1.338	4,324	3,373	0.78	1.437
30	22	5,152	3,400	0.66	1.276	4,968	3,279	0.66	1.375	4,692	3,097	0.66	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	4,328	0.98	1.220	4,278	4,192	0.98	1.313	4,002	3,922	0.98	1.412
32	20	4,784	4,114	0.86	1.251	4,600	3,956	0.86	1.338	4,324	3,719	0.86	1.437
32	22	5,152	3,812	0.74	1.276	4,968	3,676	0.74	1.375	4,692	3,472	0.74	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	4,497	0.94	1.251	4,600	4,324	0.94	1.338	4,324	4,065	0.94	1.437
34	22	5,152	4,225	0.82	1.276	4,968	4,074	0.82	1.375	4,692	3,847	0.82	1.462

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PKA-M60KA PKA-M60KAL / PUZ-ZM60VHA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	3,884	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	4,150	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	5,341	0.88	1.435
26	20	6,954	5,285	0.76	1.310	6,802	5,169	0.76	1.373	6,619	5,030	0.76	1.466
26	22	7,412	4,743	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	5,441	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	5,713	0.84	1.373	6,619	5,560	0.84	1.466
28	22	7,412	5,336	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	6,257	0.92	1.373	6,619	6,089	0.92	1.466
30	22	7,412	5,929	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	6,522	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	7,115	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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	6,588	6,324	0.96	1.732	6,222	5,973	0.96	1.841

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-M71KA PKA-M71KAL / PUZ-ZM71VHA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	4,521	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	5,086	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	5,383	0.68	1.639	7,704	5,238	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	5,934	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	7,283	0.92	1.639	7,704	7,087	0.92	1.751
32	22	8,627	6,901	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	7,591	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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	0.88	2.068	7,242	6,373	0.88	2.198

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

COOLING CAPACITY

PKA-M100KA PKA-M100KAL / PUZ-ZM100VKA PUZ-ZM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	5,925	0.63	1.924	9,120	5,746	0.63	2.032	8,835	5,566	0.63	2.152
20	18	10,070	5,136	0.51	1.960	9,785	4,990	0.51	2.068	9,453	4,821	0.51	2.213
20	20	10,830	4,224	0.39	2.020	10,593	4,131	0.39	2.116	10,308	4,020	0.39	2.261
22	16	9,405	6,678	0.71	1.924	9,120	6,475	0.71	2.032	8,835	6,273	0.71	2.152
22	18	10,070	5,941	0.59	1.960	9,785	5,773	0.59	2.068	9,453	5,577	0.59	2.213
22	20	10,830	5,090	0.47	2.020	10,593	4,978	0.47	2.116	10,308	4,845	0.47	2.261
24	16	9,405	7,430	0.79	1.924	9,120	7,205	0.79	2.032	8,835	6,980	0.79	2.152
24	18	10,070	6,747	0.67	1.960	9,785	6,556	0.67	2.068	9,453	6,333	0.67	2.213
24	20	10,830	5,957	0.55	2.020	10,593	5,826	0.55	2.116	10,308	5,669	0.55	2.261
24	22	11,543	4,963	0.43	2.068	11,305	4,861	0.43	2.189	11,020	4,739	0.43	2.333
26	16	9,405	8,182	0.87	1.924	9,120	7,934	0.87	2.032	8,835	7,686	0.87	2.152
26	18	10,070	7,553	0.75	1.960	9,785	7,339	0.75	2.068	9,453	7,089	0.75	2.213
26	20	10,830	6,823	0.63	2.020	10,593	6,673	0.63	2.116	10,308	6,494	0.63	2.261
26	22	11,543	5,887	0.51	2.068	11,305	5,766	0.51	2.189	11,020	5,620	0.51	2.333
27	16	9,405	8,559	0.91	1.924	9,120	8,299	0.91	2.032	8,835	8,040	0.91	2.152
27	18	10,070	7,955	0.79	1.960	9,785	7,730	0.79	2.068	9,453	7,467	0.79	2.213
27	20	10,830	7,256	0.67	2.020	10,593	7,097	0.67	2.116	10,308	6,906	0.67	2.261
27	22	11,543	6,348	0.55	2.068	11,305	6,218	0.55	2.189	11,020	6,061	0.55	2.333
28	16	9,405	8,935	0.95	1.924	9,120	8,664	0.95	2.032	8,835	8,393	0.95	2.152
28	18	10,070	8,358	0.83	1.960	9,785	8,122	0.83	2.068	9,453	7,846	0.83	2.213
28	20	10,830	7,689	0.71	2.020	10,593	7,521	0.71	2.116	10,308	7,318	0.71	2.261
28	22	11,543	6,810	0.59	2.068	11,305	6,670	0.59	2.189	11,020	6,502	0.59	2.333
30	16	9,405	9,405	1.00	1.924	9,120	9,120	1.00	2.032	8,835	8,835	1.00	2.152
30	18	10,070	9,164	0.91	1.960	9,785	8,904	0.91	2.068	9,453	8,602	0.91	2.213
30	20	10,830	8,556	0.79	2.020	10,593	8,368	0.79	2.116	10,308	8,143	0.79	2.261
30	22	11,543	7,733	0.67	2.068	11,305	7,574	0.67	2.189	11,020	7,383	0.67	2.333
32	16	9,405	9,405	1.00	1.924	9,120	9,120	1.00	2.032	8,835	8,835	1.00	2.152
32	18	10,070	9,969	0.99	1.960	9,785	9,687	0.99	2.068	9,453	9,358	0.99	2.213
32	20	10,830	9,422	0.87	2.020	10,593	9,215	0.87	2.116	10,308	9,968	0.87	2.261
32	22	11,543	8,657	0.75	2.068	11,305	8,479	0.75	2.189	11,020	8,265	0.75	2.333
34	16	9,405	9,405	1.00	1.924	9,120	9,120	1.00	2.032	8,835	8,835	1.00	2.152
34	18	10,070	10,070	1.00	1.960	9,785	9,785	1.00	2.068	9,453	9,453	1.00	2.213
34	20	10,830	10,289	0.95	2.020	10,593	10,063	0.95	2.116	10,308	9,792	0.95	2.261
34	22	11,543	9,580	0.83	2.068	11,305	9,383	0.83	2.189	11,020	9,147	0.83	2.333

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,327	0.63	2.309	8,075	5,087	0.63	2.477	7,695	4,848	0.63	2.682
20	18	9,120	4,651	0.51	2.369	8,835	4,506	0.51	2.549	8,265	4,215	0.51	2.742
20	20	9,880	3,853	0.39	2.429	9,500	3,705	0.39	2.597	8,930	3,483	0.39	2.790
22	16	8,455	6,003	0.71	2.309	8,075	5,733	0.71	2.477	7,695	5,463	0.71	2.682
22	18	9,120	5,381	0.59	2.369	8,835	5,213	0.59	2.549	8,265	4,876	0.59	2.742
22	20	9,880	4,644	0.47	2.429	9,500	4,465	0.47	2.597	8,930	4,197	0.47	2.790
24	16	8,455	6,679	0.79	2.309	8,075	6,379	0.79	2.477	7,695	6,079	0.79	2.682
24	18	9,120	6,110	0.67	2.369	8,835	5,919	0.67	2.549	8,265	5,538	0.67	2.742
24	20	9,880	5,434	0.55	2.429	9,500	5,225	0.55	2.597	8,930	4,912	0.55	2.790
24	22	10,640	4,575	0.43	2.477	10,260	4,412	0.43	2.670	9,690	4,167	0.43	2.838
26	16	8,455	7,356	0.87	2.309	8,075	7,025	0.87	2.477	7,695	6,695	0.87	2.682
26	18	9,120	6,840	0.75	2.369	8,835	6,626	0.75	2.549	8,265	6,199	0.75	2.742
26	20	9,880	6,224	0.63	2.429	9,500	5,985	0.63	2.597	8,930	5,626	0.63	2.790
26	22	10,640	5,426	0.51	2.477	10,260	5,233	0.51	2.670	9,690	4,942	0.51	2.838
27	16	8,455	7,694	0.91	2.309	8,075	7,348	0.91	2.477	7,695	7,002	0.91	2.682
27	18	9,120	7,205	0.79	2.369	8,835	6,980	0.79	2.549	8,265	6,529	0.79	2.742
27	20	9,880	6,620	0.67	2.429	9,500	6,365	0.67	2.597	8,930	5,983	0.67	2.790
27	22	10,640	5,852	0.55	2.477	10,260	5,643	0.55	2.670	9,690	5,330	0.55	2.838
28	16	8,455	8,032	0.95	2.309	8,075	7,671	0.95	2.477	7,695	7,310	0.95	2.682
28	18	9,120	7,570	0.83	2.369	8,835	7,333	0.83	2.549	8,265	6,860	0.83	2.742
28	20	9,880	7,015	0.71	2.429	9,500	6,745	0.71	2.597	8,930	6,340	0.71	2.790
28	22	10,640	6,278	0.59	2.477	10,260	6,053	0.59	2.670	9,690	5,717	0.59	2.838
30	16	8,455	8,455	1.00	2.309	8,075	8,075	1.00	2.477	7,695	7,695	1.00	2.682
30	18	9,120	8,299	0.91	2.369	8,835	8,040	0.91	2.549	8,265	7,521	0.91	2.742
30	20	9,880	7,805	0.79	2.429	9,500	7,505	0.79	2.597	8,930	7,055	0.79	2.790
30	22	10,640	7,129	0.67	2.477	10,260	6,874	0.67	2.670	9,690	6,492	0.67	2.838
32	16	8,455	8,455	1.00	2.309	8,075	8,075	1.00	2.477	7,695	7,695	1.00	2.682
32	18	9,120	9,029	0.99	2.369	8,835	8,747	0.99	2.549	8,265	8,182	0.99	2.742
32	20	9,880	8,596	0.87	2.429	9,500	8,265	0.87	2.597	8,930	7,769	0.87	2.790
32	22	10,640	7,980	0.75	2.477	10,260	7,695	0.75	2.670	9,690	7,268	0.75	2.838
34	16	8,455	8,455	1.00	2.309	8,075	8,075	1.00	2.477	7,695	7,695	1.00	2.682
34	18	9,120	9,120	1.00	2.369	8,835	8,835	1.00	2.549	8,265	8,265	1.00	2.742
34	20	9,880	9,386	0.95	2.429	9,500	9,025	0.95	2.597	8,930	8,484	0.95	2.790
34	22	10,640	8,831	0.83	2.477	10,260	8,516	0.83	2.670	9,690	8,043	0.83	2.838

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-M100KA PKA-M100KAL / PUZ-M100VKA PUZ-M100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	5,925	0.63	2.35	9,120	5,746	0.63	2.48	8,835	5,566	0.63	2.63
20	18	10,070	5,136	0.51	2.40	9,785	4,990	0.51	2.53	9,453	4,821	0.51	2.70
20	20	10,830	4,224	0.39	2.47	10,593	4,131	0.39	2.59	10,308	4,020	0.39	2.76
22	16	9,405	6,678	0.71	2.35	9,120	6,475	0.71	2.48	8,835	6,273	0.71	2.63
22	18	10,070	5,941	0.59	2.40	9,785	5,773	0.59	2.53	9,453	5,577	0.59	2.70
22	20	10,830	5,090	0.47	2.47	10,593	4,978	0.47	2.59	10,308	4,845	0.47	2.76
24	16	9,405	7,430	0.79	2.35	9,120	7,205	0.79	2.48	8,835	6,980	0.79	2.63
24	18	10,070	6,747	0.67	2.40	9,785	6,556	0.67	2.53	9,453	6,333	0.67	2.70
24	20	10,830	5,957	0.55	2.47	10,593	5,826	0.55	2.59	10,308	5,669	0.55	2.76
24	22	11,543	4,963	0.43	2.53	11,305	4,861	0.43	2.68	11,020	4,739	0.43	2.85
26	16	9,405	8,182	0.87	2.35	9,120	7,934	0.87	2.48	8,835	7,686	0.87	2.63
26	18	10,070	7,553	0.75	2.40	9,785	7,339	0.75	2.53	9,453	7,089	0.75	2.70
26	20	10,830	6,823	0.63	2.47	10,593	6,673	0.63	2.59	10,308	6,494	0.63	2.76
26	22	11,543	5,887	0.51	2.53	11,305	5,766	0.51	2.68	11,020	5,620	0.51	2.85
27	16	9,405	8,559	0.91	2.35	9,120	8,299	0.91	2.48	8,835	8,040	0.91	2.63
27	18	10,070	7,955	0.79	2.40	9,785	7,730	0.79	2.53	9,453	7,467	0.79	2.70
27	20	10,830	7,256	0.67	2.47	10,593	7,097	0.67	2.59	10,308	6,906	0.67	2.76
27	22	11,543	6,348	0.55	2.53	11,305	6,218	0.55	2.68	11,020	6,061	0.55	2.85
28	16	9,405	8,935	0.95	2.35	9,120	8,664	0.95	2.48	8,835	8,393	0.95	2.63
28	18	10,070	8,358	0.83	2.40	9,785	8,122	0.83	2.53	9,453	7,846	0.83	2.70
28	20	10,830	7,689	0.71	2.47	10,593	7,521	0.71	2.59	10,308	7,318	0.71	2.76
28	22	11,543	6,810	0.59	2.53	11,305	6,670	0.59	2.68	11,020	6,502	0.59	2.85
30	16	9,405	9,405	1.00	2.35	9,120	9,120	1.00	2.48	8,835	8,835	1.00	2.63
30	18	10,070	9,164	0.91	2.40	9,785	8,904	0.91	2.53	9,453	8,602	0.91	2.70
30	20	10,830	8,556	0.79	2.47	10,593	8,368	0.79	2.59	10,308	8,143	0.79	2.76
30	22	11,543	7,733	0.67	2.53	11,305	7,574	0.67	2.68	11,020	7,383	0.67	2.85
32	16	9,405	9,405	1.00	2.35	9,120	9,120	1.00	2.48	8,835	8,835	1.00	2.63
32	18	10,070	9,969	0.99	2.40	9,785	9,687	0.99	2.53	9,453	9,358	0.99	2.70
32	20	10,830	9,422	0.87	2.47	10,593	9,215	0.87	2.59	10,308	8,968	0.87	2.76
32	22	11,543	8,657	0.75	2.53	11,305	8,479	0.75	2.68	11,020	8,265	0.75	2.85
34	16	9,405	9,405	1.00	2.35	9,120	9,120	1.00	2.48	8,835	8,835	1.00	2.63
34	18	10,070	10,070	1.00	2.40	9,785	9,785	1.00	2.53	9,453	9,453	1.00	2.70
34	20	10,830	10,289	0.95	2.47	10,593	10,063	0.95	2.59	10,308	9,792	0.95	2.76
34	22	11,543	9,580	0.83	2.53	11,305	9,383	0.83	2.68	11,020	9,147	0.83	2.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,327	0.63	2.82	8,075	5,087	0.63	3.03	7,695	4,848	0.63	3.28
20	18	9,120	4,651	0.51	2.90	8,835	4,506	0.51	3.12	8,265	4,215	0.51	3.35
20	20	9,880	3,853	0.39	2.97	9,500	3,705	0.39	3.18	8,930	3,483	0.39	3.41
22	16	8,455	6,003	0.71	2.82	8,075	5,733	0.71	3.03	7,695	5,463	0.71	3.28
22	18	9,120	5,381	0.59	2.90	8,835	5,213	0.59	3.12	8,265	4,876	0.59	3.35
22	20	9,880	4,644	0.47	2.97	9,500	4,465	0.47	3.18	8,930	4,197	0.47	3.41
24	16	8,455	6,679	0.79	2.82	8,075	6,379	0.79	3.03	7,695	6,079	0.79	3.28
24	18	9,120	6,110	0.67	2.90	8,835	5,919	0.67	3.12	8,265	5,538	0.67	3.35
24	20	9,880	5,434	0.55	2.97	9,500	5,225	0.55	3.18	8,930	4,912	0.55	3.41
24	22	10,640	4,575	0.43	3.03	10,260	4,412	0.43	3.26	9,690	4,167	0.43	3.47
26	16	8,455	7,356	0.87	2.82	8,075	7,025	0.87	3.03	7,695	6,695	0.87	3.28
26	18	9,120	6,840	0.75	2.90	8,835	6,626	0.75	3.12	8,265	6,199	0.75	3.35
26	20	9,880	6,224	0.63	2.97	9,500	5,985	0.63	3.18	8,930	5,626	0.63	3.41
26	22	10,640	5,426	0.51	3.03	10,260	5,233	0.51	3.26	9,690	4,942	0.51	3.47
27	16	8,455	7,694	0.91	2.82	8,075	7,348	0.91	3.03	7,695	7,002	0.91	3.28
27	18	9,120	7,205	0.79	2.90	8,835	6,980	0.79	3.12	8,265	6,529	0.79	3.35
27	20	9,880	6,620	0.67	2.97	9,500	6,365	0.67	3.18	8,930	5,983	0.67	3.41
27	22	10,640	5,852	0.55	3.03	10,260	5,643	0.55	3.26	9,690	5,330	0.55	3.47
28	16	8,455	8,032	0.95	2.82	8,075	7,671	0.95	3.03	7,695	7,310	0.95	3.28
28	18	9,120	7,570	0.83	2.90	8,835	7,333	0.83	3.12	8,265	6,860	0.83	3.35
28	20	9,880	7,015	0.71	2.97	9,500	6,745	0.71	3.18	8,930	6,340	0.71	3.41
28	22	10,640	6,278	0.59	3.03	10,260	6,053	0.59	3.26	9,690	5,717	0.59	3.47
30	16	8,455	8,455	1.00	2.82	8,075	8,075	1.00	3.03	7,695	7,695	1.00	3.28
30	18	9,120	8,299	0.91	2.90	8,835	8,040	0.91	3.12	8,265	7,521	0.91	3.35
30	20	9,880	7,805	0.79	2.97	9,500	7,505	0.79	3.18	8,930	7,055	0.79	3.41
30	22	10,640	7,129	0.67	3.03	10,260	6,874	0.67	3.26	9,690	6,492	0.67	3.47
32	16	8,455	8,455	1.00	2.82	8,075	8,075	1.00	3.03	7,695	7,695	1.00	3.28
32	18	9,120	9,029	0.99	2.90	8,835	8,747	0.99	3.12	8,265	8,182	0.99	3.35
32	20	9,880	8,596	0.87	2.97	9,500	8,265	0.87	3.18	8,930	7,769	0.87	3.41
32	22	10,640	7,980	0.75	3.03	10,260	7,695	0.75	3.26	9,690	7,268	0.75	3.47
34	16	8,455	8,455	1.00	2.82	8,075	8,075	1.00	3.03	7,695	7,695	1.00	3.28
34	18	9,120	9,120	1.00	2.90	8,835	8,835	1.00	3.12	8,265	8,265	1.00	3.35
34	20	9,880	9,386	0.95	2.97	9,500	9,025	0.95	3.18	8,930	8,484	0.95	3.41
34	22	10,640	8,831	0.83	3.03	10,260	8,516	0.83	3.26	9,690	8,043	0.83	3.47

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

HEATING CAPACITY

PKA-M-HA PKA-M-HAL / PUZ-ZM-VKA

PKA-M-KA PKA-M-KAL / PUZ-ZM-VHA PUZ-ZM-VKA PUZ-ZM-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-M35HA(L)	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-M50HA(L)	15	3,175	0.795	3,450	0.876	3,850	1.010	5,050	1.212	5,700	1.347	6,350	1.455
	20	3,050	0.862	3,300	0.943	3,650	1.091	4,875	1.307	5,500	1.455	6,125	1.563
	25	2,950	0.916	3,200	1.024	3,500	1.185	4,600	1.387	5,300	1.556	5,900	1.677
PKA-M60KA(L)	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)	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)	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-KA PKA-M-KAL / PUZ-M-VKA PUZ-M-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-M100KA(L)	15	7,112	1.94	7,728	2.13	8,624	2.46	11,312	2.95	12,768	3.28	14,224	3.54
	20	6,832	2.10	7,392	2.30	8,176	2.66	10,920	3.18	12,320	3.54	13,720	3.80
	25	6,608	2.23	7,168	2.49	7,840	2.89	10,304	3.38	11,872	3.79	13,216	4.08

A.2.5.2 R410A type
COOLING CAPACITY

PKA-M100KA PKA-M100KAL / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	2.51	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	2.51	9,950	5,871	0.59	2.64
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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	2.51	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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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 (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PKA-M35HA PKA-M35HAL / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,530	0.71	0.75	3,456	2,454	0.71	0.79	3,348	2,377	0.71	0.84
20	18	3,816	2,251	0.59	0.77	3,708	2,188	0.59	0.81	3,582	2,113	0.59	0.86
20	20	4,104	1,929	0.47	0.79	4,014	1,887	0.47	0.83	3,906	1,836	0.47	0.88
22	16	3,564	2,816	0.79	0.75	3,456	2,730	0.79	0.79	3,348	2,645	0.79	0.84
22	18	3,816	2,557	0.67	0.77	3,708	2,484	0.67	0.81	3,582	2,400	0.67	0.86
22	20	4,104	2,257	0.55	0.79	4,014	2,208	0.55	0.83	3,906	2,148	0.55	0.88
24	16	3,564	3,101	0.87	0.75	3,456	3,007	0.87	0.79	3,348	2,913	0.87	0.84
24	18	3,816	2,862	0.75	0.77	3,708	2,781	0.75	0.81	3,582	2,687	0.75	0.86
24	20	4,104	2,586	0.63	0.79	4,014	2,529	0.63	0.83	3,906	2,461	0.63	0.88
24	22	4,374	2,231	0.51	0.81	4,284	2,185	0.51	0.86	4,176	2,130	0.51	0.91
26	16	3,564	3,386	0.95	0.75	3,456	3,283	0.95	0.79	3,348	3,181	0.95	0.84
26	18	3,816	3,167	0.83	0.77	3,708	3,078	0.83	0.81	3,582	2,973	0.83	0.86
26	20	4,104	2,914	0.71	0.79	4,014	2,850	0.71	0.83	3,906	2,773	0.71	0.88
26	22	4,374	2,581	0.59	0.81	4,284	2,528	0.59	0.86	4,176	2,464	0.59	0.91
27	16	3,564	3,528	0.99	0.75	3,456	3,421	0.99	0.79	3,348	3,315	0.99	0.84
27	18	3,816	3,320	0.87	0.77	3,708	3,226	0.87	0.81	3,582	3,116	0.87	0.86
27	20	4,104	3,078	0.75	0.79	4,014	3,011	0.75	0.83	3,906	2,930	0.75	0.88
27	22	4,374	2,756	0.63	0.81	4,284	2,699	0.63	0.86	4,176	2,631	0.63	0.91
28	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
28	18	3,816	3,473	0.91	0.77	3,708	3,374	0.91	0.81	3,582	3,260	0.91	0.86
28	20	4,104	3,242	0.79	0.79	4,014	3,171	0.79	0.83	3,906	3,086	0.79	0.88
28	22	4,374	2,931	0.67	0.81	4,284	2,870	0.67	0.86	4,176	2,798	0.67	0.91
30	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
30	18	3,816	3,778	0.99	0.77	3,708	3,671	0.99	0.81	3,582	3,546	0.99	0.86
30	20	4,104	3,570	0.87	0.79	4,014	3,492	0.87	0.83	3,906	3,398	0.87	0.88
30	22	4,374	3,281	0.75	0.81	4,284	3,213	0.75	0.86	4,176	3,132	0.75	0.91
32	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
32	18	3,816	3,816	1.00	0.77	3,708	3,708	1.00	0.81	3,582	3,582	1.00	0.86
32	20	4,104	3,899	0.95	0.79	4,014	3,813	0.95	0.83	3,906	3,711	0.95	0.88
32	22	4,374	3,630	0.83	0.81	4,284	3,556	0.83	0.86	4,176	3,466	0.83	0.91
34	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
34	18	3,816	3,816	1.00	0.77	3,708	3,708	1.00	0.81	3,582	3,582	1.00	0.86
34	20	4,104	4,104	1.00	0.79	4,014	4,014	1.00	0.83	3,906	3,906	1.00	0.88
34	22	4,374	3,980	0.91	0.81	4,284	3,898	0.91	0.86	4,176	3,800	0.91	0.91

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,275	0.71	0.90	3,060	2,173	0.71	0.97	2,916	2,070	0.71	1.05
20	18	3,456	2,039	0.59	0.93	3,348	1,975	0.59	1.00	3,132	1,848	0.59	1.07
20	20	3,744	1,760	0.47	0.95	3,600	1,692	0.47	1.02	3,384	1,590	0.47	1.09
22	16	3,204	2,531	0.79	0.90	3,060	2,417	0.79	0.97	2,916	2,304	0.79	1.05
22	18	3,456	2,316	0.67	0.93	3,348	2,243	0.67	1.00	3,132	2,098	0.67	1.07
22	20	3,744	2,059	0.55	0.95	3,600	1,980	0.55	1.02	3,384	1,861	0.55	1.09
24	16	3,204	2,787	0.87	0.90	3,060	2,662	0.87	0.97	2,916	2,537	0.87	1.05
24	18	3,456	2,592	0.75	0.93	3,348	2,511	0.75	1.00	3,132	2,349	0.75	1.07
24	20	3,744	2,359	0.63	0.95	3,600	2,268	0.63	1.02	3,384	2,132	0.63	1.09
24	22	4,032	2,056	0.51	0.97	3,888	1,983	0.51	1.04	3,672	1,873	0.51	1.11
26	16	3,204	3,044	0.95	0.90	3,060	2,907	0.95	0.97	2,916	2,770	0.95	1.05
26	18	3,456	2,868	0.83	0.93	3,348	2,779	0.83	1.00	3,132	2,600	0.83	1.07
26	20	3,744	2,658	0.71	0.95	3,600	2,556	0.71	1.02	3,384	2,403	0.71	1.09
26	22	4,032	2,379	0.59	0.97	3,888	2,294	0.59	1.04	3,672	2,166	0.59	1.11
27	16	3,204	3,172	0.99	0.90	3,060	3,029	0.99	0.97	2,916	2,887	0.99	1.05
27	18	3,456	3,007	0.87	0.93	3,348	2,913	0.87	1.00	3,132	2,725	0.87	1.07
27	20	3,744	2,808	0.75	0.95	3,600	2,700	0.75	1.02	3,384	2,538	0.75	1.09
27	22	4,032	2,540	0.63	0.97	3,888	2,449	0.63	1.04	3,672	2,313	0.63	1.11
28	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
28	18	3,456	3,145	0.91	0.93	3,348	3,047	0.91	1.00	3,132	2,850	0.91	1.07
28	20	3,744	2,958	0.79	0.95	3,600	2,844	0.79	1.02	3,384	2,673	0.79	1.09
28	22	4,032	2,701	0.67	0.97	3,888	2,605	0.67	1.04	3,672	2,460	0.67	1.11
30	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
30	18	3,456	3,421	0.99	0.93	3,348	3,315	0.99	1.00	3,132	3,101	0.99	1.07
30	20	3,744	3,257	0.87	0.95	3,600	3,132	0.87	1.02	3,384	2,944	0.87	1.09
30	22	4,032	3,024	0.75	0.97	3,888	2,916	0.75	1.04	3,672	2,754	0.75	1.11
32	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
32	18	3,456	3,456	1.00	0.93	3,348	3,348	1.00	1.00	3,132	3,132	1.00	1.07
32	20	3,744	3,557	0.95	0.95	3,600	3,420	0.95	1.02	3,384	3,215	0.95	1.09
32	22	4,032	3,347	0.83	0.97	3,888	3,227	0.83	1.04	3,672	3,048	0.83	1.11
34	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
34	18	3,456	3,456	1.00	0.93	3,348	3,348	1.00	1.00	3,132	3,132	1.00	1.07
34	20	3,744	3,744	1.00	0.95	3,600	3,600	1.00	1.02	3,384	3,384	1.00	1.09
34	22	4,032	3,669	0.91	0.97	3,888	3,538	0.91	1.04	3,672	3,342	0.91	1.11

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-M50HA PKA-M50HAL / PUHZ-ZRP50VKA2

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,554	2,823	0.62	1.13	4,416	2,738	0.62	1.19	4,278	2,652	0.62	1.26
20	18	4,876	2,438	0.50	1.15	4,738	2,369	0.50	1.21	4,577	2,289	0.50	1.30
20	20	5,244	1,993	0.38	1.18	5,129	1,949	0.38	1.24	4,991	1,897	0.38	1.33
22	16	4,554	3,188	0.70	1.13	4,416	3,091	0.70	1.19	4,278	2,995	0.70	1.26
22	18	4,876	2,828	0.58	1.15	4,738	2,748	0.58	1.21	4,577	2,655	0.58	1.30
22	20	5,244	2,412	0.46	1.18	5,129	2,359	0.46	1.24	4,991	2,296	0.46	1.33
24	16	4,554	3,552	0.78	1.13	4,416	3,444	0.78	1.19	4,278	3,337	0.78	1.26
24	18	4,876	3,218	0.66	1.15	4,738	3,127	0.66	1.21	4,577	3,021	0.66	1.30
24	20	5,244	2,832	0.54	1.18	5,129	2,770	0.54	1.24	4,991	2,695	0.54	1.33
24	22	5,589	2,347	0.42	1.21	5,474	2,299	0.42	1.28	5,336	2,241	0.42	1.37
26	16	4,554	3,916	0.86	1.13	4,416	3,798	0.86	1.19	4,278	3,679	0.86	1.26
26	18	4,876	3,608	0.74	1.15	4,738	3,506	0.74	1.21	4,577	3,387	0.74	1.30
26	20	5,244	3,251	0.62	1.18	5,129	3,180	0.62	1.24	4,991	3,094	0.62	1.33
26	22	5,589	2,795	0.50	1.21	5,474	2,737	0.50	1.28	5,336	2,668	0.50	1.37
27	16	4,554	4,099	0.90	1.13	4,416	3,974	0.90	1.19	4,278	3,850	0.90	1.26
27	18	4,876	3,803	0.78	1.15	4,738	3,696	0.78	1.21	4,577	3,570	0.78	1.30
27	20	5,244	3,461	0.66	1.18	5,129	3,385	0.66	1.24	4,991	3,294	0.66	1.33
27	22	5,589	3,018	0.54	1.21	5,474	2,956	0.54	1.28	5,336	2,881	0.54	1.37
28	16	4,554	4,281	0.94	1.13	4,416	4,151	0.94	1.19	4,278	4,021	0.94	1.26
28	18	4,876	3,998	0.82	1.15	4,738	3,885	0.82	1.21	4,577	3,753	0.82	1.30
28	20	5,244	3,671	0.70	1.18	5,129	3,590	0.70	1.24	4,991	3,494	0.70	1.33
28	22	5,589	3,242	0.58	1.21	5,474	3,175	0.58	1.28	5,336	3,095	0.58	1.37
30	16	4,554	4,554	1.00	1.13	4,416	4,416	1.00	1.19	4,278	4,278	1.00	1.26
30	18	4,876	4,388	0.90	1.15	4,738	4,264	0.90	1.21	4,577	4,119	0.90	1.30
30	20	5,244	4,090	0.78	1.18	5,129	4,001	0.78	1.24	4,991	3,893	0.78	1.33
30	22	5,589	3,689	0.66	1.21	5,474	3,613	0.66	1.28	5,336	3,522	0.66	1.37
32	16	4,554	4,554	1.00	1.13	4,416	4,416	1.00	1.19	4,278	4,278	1.00	1.26
32	18	4,876	4,778	0.98	1.15	4,738	4,643	0.98	1.21	4,577	4,485	0.98	1.30
32	20	5,244	4,510	0.86	1.18	5,129	4,411	0.86	1.24	4,991	4,292	0.86	1.33
32	22	5,589	4,136	0.74	1.21	5,474	4,051	0.74	1.28	5,336	3,949	0.74	1.37
34	16	4,554	4,554	1.00	1.13	4,416	4,416	1.00	1.19	4,278	4,278	1.00	1.26
34	18	4,876	4,876	1.00	1.15	4,738	4,738	1.00	1.21	4,577	4,577	1.00	1.30
34	20	5,244	4,929	0.94	1.18	5,129	4,821	0.94	1.24	4,991	4,692	0.94	1.33
34	22	5,589	4,583	0.82	1.21	5,474	4,489	0.82	1.28	5,336	4,376	0.82	1.37

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,094	2,538	0.62	1.35	3,910	2,424	0.62	1.45	3,726	2,310	0.62	1.57
20	18	4,416	2,208	0.50	1.39	4,278	2,139	0.50	1.49	4,002	2,001	0.50	1.61
20	20	4,784	1,818	0.38	1.42	4,600	1,748	0.38	1.52	4,324	1,643	0.38	1.64
22	16	4,094	2,866	0.70	1.35	3,910	2,737	0.70	1.45	3,726	2,608	0.70	1.57
22	18	4,416	2,561	0.58	1.39	4,278	2,481	0.58	1.49	4,002	2,321	0.58	1.61
22	20	4,784	2,201	0.46	1.42	4,600	2,116	0.46	1.52	4,324	1,989	0.46	1.64
24	16	4,094	3,193	0.78	1.35	3,910	3,050	0.78	1.45	3,726	2,906	0.78	1.57
24	18	4,416	2,915	0.66	1.39	4,278	2,823	0.66	1.49	4,002	2,641	0.66	1.61
24	20	4,784	2,583	0.54	1.42	4,600	2,484	0.54	1.52	4,324	2,335	0.54	1.64
24	22	5,152	2,164	0.42	1.45	4,968	2,087	0.42	1.57	4,692	1,971	0.42	1.66
26	16	4,094	3,521	0.86	1.35	3,910	3,363	0.86	1.45	3,726	3,204	0.86	1.57
26	18	4,416	3,268	0.74	1.39	4,278	3,166	0.74	1.49	4,002	2,961	0.74	1.61
26	20	4,784	2,966	0.62	1.42	4,600	2,852	0.62	1.52	4,324	2,681	0.62	1.64
26	22	5,152	2,576	0.50	1.45	4,968	2,484	0.50	1.57	4,692	2,346	0.50	1.66
27	16	4,094	3,685	0.90	1.35	3,910	3,519	0.90	1.45	3,726	3,353	0.90	1.57
27	18	4,416	3,444	0.78	1.39	4,278	3,337	0.78	1.49	4,002	3,122	0.78	1.61
27	20	4,784	3,157	0.66	1.42	4,600	3,036	0.66	1.52	4,324	2,854	0.66	1.64
27	22	5,152	2,782	0.54	1.45	4,968	2,683	0.54	1.57	4,692	2,534	0.54	1.66
28	16	4,094	3,848	0.94	1.35	3,910	3,675	0.94	1.45	3,726	3,502	0.94	1.57
28	18	4,416	3,621	0.82	1.39	4,278	3,508	0.82	1.49	4,002	3,282	0.82	1.61
28	20	4,784	3,349	0.70	1.42	4,600	3,220	0.70	1.52	4,324	3,027	0.70	1.64
28	22	5,152	2,988	0.58	1.45	4,968	2,881	0.58	1.57	4,692	2,721	0.58	1.66
30	16	4,094	4,094	1.00	1.35	3,910	3,910	1.00	1.45	3,726	3,726	1.00	1.57
30	18	4,416	3,974	0.90	1.39	4,278	3,850	0.90	1.49	4,002	3,602	0.90	1.61
30	20	4,784	3,732	0.78	1.42	4,600	3,588	0.78	1.52	4,324	3,373	0.78	1.64
30	22	5,152	3,400	0.66	1.45	4,968	3,279	0.66	1.57	4,692	3,097	0.66	1.66
32	16	4,094	4,094	1.00	1.35	3,910	3,910	1.00	1.45	3,726	3,726	1.00	1.57
32	18	4,416	4,328	0.98	1.39	4,278	4,192	0.98	1.49	4,002	3,922	0.98	1.61
32	20	4,784	4,114	0.86	1.42	4,600	3,956	0.86	1.52	4,324	3,719	0.86	1.64
32	22	5,152	3,812	0.74	1.45	4,968	3,676	0.74	1.57	4,692	3,472	0.74	1.66
34	16	4,094	4,094	1.00	1.35	3,910	3,910	1.00	1.45	3,726	3,726	1.00	1.57
34	18	4,416	4,416	1.00	1.39	4,278	4,278	1.00	1.49	4,002	4,002	1.00	1.61
34	20	4,784	4,497	0.94	1.42	4,600	4,324	0.94	1.52	4,324	4,065	0.94	1.64
34	22	5,152	4,225	0.82	1.45	4,968	4,074	0.82	1.57	4,692	3,847	0.82	1.66

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

COOLING CAPACITY
PKA-M60KA PKA-M60KAL / PUHZ-ZRP60VHA2

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,590	0.76	1.28	5,856	4,451	0.76	1.35	5,673	4,311	0.76	1.43
20	18	6,466	4,138	0.64	1.30	6,283	4,021	0.64	1.38	6,070	3,884	0.64	1.47
20	20	6,954	3,616	0.52	1.34	6,802	3,537	0.52	1.41	6,619	3,442	0.52	1.50
22	16	6,039	5,073	0.84	1.28	5,856	4,919	0.84	1.35	5,673	4,765	0.84	1.43
22	18	6,466	4,656	0.72	1.30	6,283	4,524	0.72	1.38	6,070	4,370	0.72	1.47
22	20	6,954	4,172	0.60	1.34	6,802	4,081	0.60	1.41	6,619	3,971	0.60	1.50
24	16	6,039	5,556	0.92	1.28	5,856	5,388	0.92	1.35	5,673	5,219	0.92	1.43
24	18	6,466	5,173	0.80	1.30	6,283	5,026	0.80	1.38	6,070	4,856	0.80	1.47
24	20	6,954	4,729	0.68	1.34	6,802	4,625	0.68	1.41	6,619	4,501	0.68	1.50
24	22	7,412	4,150	0.56	1.38	7,259	4,065	0.56	1.46	7,076	3,963	0.56	1.55
26	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
26	18	6,466	5,690	0.88	1.30	6,283	5,529	0.88	1.38	6,070	5,341	0.88	1.47
26	20	6,954	5,285	0.76	1.34	6,802	5,169	0.76	1.41	6,619	5,030	0.76	1.50
26	22	7,412	4,743	0.64	1.38	7,259	4,646	0.64	1.46	7,076	4,529	0.64	1.55
27	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
27	18	6,466	5,949	0.92	1.30	6,283	5,780	0.92	1.38	6,070	5,584	0.92	1.47
27	20	6,954	5,563	0.80	1.34	6,802	5,441	0.80	1.41	6,619	5,295	0.80	1.50
27	22	7,412	5,040	0.68	1.38	7,259	4,936	0.68	1.46	7,076	4,812	0.68	1.55
28	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
28	18	6,466	6,207	0.96	1.30	6,283	6,032	0.96	1.38	6,070	5,827	0.96	1.47
28	20	6,954	5,841	0.84	1.34	6,802	5,713	0.84	1.41	6,619	5,560	0.84	1.50
28	22	7,412	5,336	0.72	1.38	7,259	5,226	0.72	1.46	7,076	5,095	0.72	1.55
30	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
30	18	6,466	6,466	1.00	1.30	6,283	6,283	1.00	1.38	6,070	6,070	1.00	1.47
30	20	6,954	6,398	0.92	1.34	6,802	6,257	0.92	1.41	6,619	6,089	0.92	1.50
30	22	7,412	5,929	0.80	1.38	7,259	5,807	0.80	1.46	7,076	5,661	0.80	1.55
32	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
32	18	6,466	6,466	1.00	1.30	6,283	6,283	1.00	1.38	6,070	6,070	1.00	1.47
32	20	6,954	6,954	1.00	1.34	6,802	6,802	1.00	1.41	6,619	6,619	1.00	1.50
32	22	7,412	6,522	0.88	1.38	7,259	6,388	0.88	1.46	7,076	6,227	0.88	1.55
34	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
34	18	6,466	6,466	1.00	1.30	6,283	6,283	1.00	1.38	6,070	6,070	1.00	1.47
34	20	6,954	6,954	1.00	1.34	6,802	6,802	1.00	1.41	6,619	6,619	1.00	1.50
34	22	7,412	7,115	0.96	1.38	7,259	6,969	0.96	1.46	7,076	6,793	0.96	1.55

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	4,126	0.76	1.54	5,185	3,941	0.76	1.65	4,941	3,755	0.76	1.78
20	18	5,856	3,748	0.64	1.58	5,673	3,631	0.64	1.70	5,307	3,396	0.64	1.82
20	20	6,344	3,299	0.52	1.62	6,100	3,172	0.52	1.73	5,734	2,982	0.52	1.86
22	16	5,429	4,560	0.84	1.54	5,185	4,355	0.84	1.65	4,941	4,150	0.84	1.78
22	18	5,856	4,216	0.72	1.58	5,673	4,085	0.72	1.70	5,307	3,821	0.72	1.82
22	20	6,344	3,806	0.60	1.62	6,100	3,660	0.60	1.73	5,734	3,440	0.60	1.86
24	16	5,429	4,995	0.92	1.54	5,185	4,770	0.92	1.65	4,941	4,546	0.92	1.78
24	18	5,856	4,685	0.80	1.58	5,673	4,538	0.80	1.70	5,307	4,246	0.80	1.82
24	20	6,344	4,314	0.68	1.62	6,100	4,148	0.68	1.73	5,734	3,899	0.68	1.86
24	22	6,832	3,826	0.56	1.65	6,588	3,689	0.56	1.78	6,222	3,484	0.56	1.89
26	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
26	18	5,856	5,153	0.88	1.58	5,673	4,992	0.88	1.70	5,307	4,670	0.88	1.82
26	20	6,344	4,821	0.76	1.62	6,100	4,636	0.76	1.73	5,734	4,358	0.76	1.86
26	22	6,832	4,372	0.64	1.65	6,588	4,216	0.64	1.78	6,222	3,982	0.64	1.89
27	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
27	18	5,856	5,388	0.92	1.58	5,673	5,219	0.92	1.70	5,307	4,882	0.92	1.82
27	20	6,344	5,075	0.80	1.62	6,100	4,880	0.80	1.73	5,734	4,587	0.80	1.86
27	22	6,832	4,646	0.68	1.65	6,588	4,480	0.68	1.78	6,222	4,231	0.68	1.89
28	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
28	18	5,856	5,622	0.96	1.58	5,673	5,446	0.96	1.70	5,307	5,095	0.96	1.82
28	20	6,344	5,329	0.84	1.62	6,100	5,124	0.84	1.73	5,734	4,817	0.84	1.86
28	22	6,832	4,919	0.72	1.65	6,588	4,743	0.72	1.78	6,222	4,480	0.72	1.89
30	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
30	18	5,856	5,856	1.00	1.58	5,673	5,673	1.00	1.70	5,307	5,307	1.00	1.82
30	20	6,344	5,836	0.92	1.62	6,100	5,612	0.92	1.73	5,734	5,275	0.92	1.86
30	22	6,832	5,466	0.80	1.65	6,588	5,270	0.80	1.78	6,222	4,978	0.80	1.89
32	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
32	18	5,856	5,856	1.00	1.58	5,673	5,673	1.00	1.70	5,307	5,307	1.00	1.82
32	20	6,344	6,344	1.00	1.62	6,100	6,100	1.00	1.73	5,734	5,734	1.00	1.86
32	22	6,832	6,012	0.88	1.65	6,588	5,797	0.88	1.78	6,222	5,475	0.88	1.89
34	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
34	18	5,856	5,856	1.00	1.58	5,673	5,673	1.00	1.70	5,307	5,307	1.00	1.82
34	20	6,344	6,344	1.00	1.62	6,100	6,100	1.00	1.73	5,734	5,734	1.00	1.86
34	22	6,832	6,559	0.96	1.65	6,588	6,324	0.96	1.78	6,222	5,973	0.96	1.89

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-M71KA PKA-M71KAL / PUHZ-ZRP71VHA2

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,780	0.68	1.44	6,816	4,635	0.68	1.52	6,603	4,490	0.68	1.61
20	18	7,526	4,215	0.56	1.47	7,313	4,095	0.56	1.55	7,065	3,956	0.56	1.66
20	20	8,094	3,561	0.44	1.51	7,917	3,483	0.44	1.58	7,704	3,390	0.44	1.69
22	16	7,029	5,342	0.76	1.44	6,816	5,180	0.76	1.52	6,603	5,018	0.76	1.61
22	18	7,526	4,817	0.64	1.47	7,313	4,680	0.64	1.55	7,065	4,521	0.64	1.66
22	20	8,094	4,209	0.52	1.51	7,917	4,117	0.52	1.58	7,704	4,006	0.52	1.69
24	16	7,029	5,904	0.84	1.44	6,816	5,725	0.84	1.52	6,603	5,547	0.84	1.61
24	18	7,526	5,419	0.72	1.47	7,313	5,265	0.72	1.55	7,065	5,086	0.72	1.66
24	20	8,094	4,856	0.60	1.51	7,917	4,750	0.60	1.58	7,704	4,622	0.60	1.69
24	22	8,627	4,141	0.48	1.55	8,449	4,056	0.48	1.64	8,236	3,953	0.48	1.75
26	16	7,029	6,467	0.92	1.44	6,816	6,271	0.92	1.52	6,603	6,075	0.92	1.61
26	18	7,526	6,021	0.80	1.47	7,313	5,850	0.80	1.55	7,065	5,652	0.80	1.66
26	20	8,094	5,504	0.68	1.51	7,917	5,383	0.68	1.58	7,704	5,238	0.68	1.69
26	22	8,627	4,831	0.56	1.55	8,449	4,731	0.56	1.64	8,236	4,612	0.56	1.75
27	16	7,029	6,748	0.96	1.44	6,816	6,543	0.96	1.52	6,603	6,339	0.96	1.61
27	18	7,526	6,322	0.84	1.47	7,313	6,143	0.84	1.55	7,065	5,934	0.84	1.66
27	20	8,094	5,828	0.72	1.51	7,917	5,700	0.72	1.58	7,704	5,547	0.72	1.69
27	22	8,627	5,176	0.60	1.55	8,449	5,069	0.60	1.64	8,236	4,942	0.60	1.75
28	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
28	18	7,526	6,623	0.88	1.47	7,313	6,435	0.88	1.55	7,065	6,217	0.88	1.66
28	20	8,094	6,151	0.76	1.51	7,917	6,017	0.76	1.58	7,704	5,855	0.76	1.69
28	22	8,627	5,521	0.64	1.55	8,449	5,407	0.64	1.64	8,236	5,271	0.64	1.75
30	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
30	18	7,526	7,225	0.96	1.47	7,313	7,020	0.96	1.55	7,065	6,782	0.96	1.66
30	20	8,094	6,799	0.84	1.51	7,917	6,650	0.84	1.58	7,704	6,471	0.84	1.69
30	22	8,627	6,211	0.72	1.55	8,449	6,083	0.72	1.64	8,236	5,930	0.72	1.75
32	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
32	18	7,526	7,526	1.00	1.47	7,313	7,313	1.00	1.55	7,065	7,065	1.00	1.66
32	20	8,094	7,446	0.92	1.51	7,917	7,283	0.92	1.58	7,704	7,087	0.92	1.69
32	22	8,627	6,901	0.80	1.55	8,449	6,759	0.80	1.64	8,236	6,589	0.80	1.75
34	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
34	18	7,526	7,526	1.00	1.47	7,313	7,313	1.00	1.55	7,065	7,065	1.00	1.66
34	20	8,094	8,094	1.00	1.51	7,917	7,917	1.00	1.58	7,704	7,704	1.00	1.69
34	22	8,627	7,591	0.88	1.55	8,449	7,435	0.88	1.64	8,236	7,248	0.88	1.75

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,297	0.68	1.73	6,035	4,104	0.68	1.85	5,751	3,911	0.68	2.01
20	18	6,816	3,817	0.56	1.77	6,603	3,698	0.56	1.91	6,177	3,459	0.56	2.05
20	20	7,384	3,249	0.44	1.82	7,100	3,124	0.44	1.94	6,674	2,937	0.44	2.09
22	16	6,319	4,802	0.76	1.73	6,035	4,587	0.76	1.85	5,751	4,371	0.76	2.01
22	18	6,816	4,362	0.64	1.77	6,603	4,226	0.64	1.91	6,177	3,953	0.64	2.05
22	20	7,384	3,840	0.52	1.82	7,100	3,692	0.52	1.94	6,674	3,470	0.52	2.09
24	16	6,319	5,308	0.84	1.73	6,035	5,069	0.84	1.85	5,751	4,831	0.84	2.01
24	18	6,816	4,908	0.72	1.77	6,603	4,754	0.72	1.91	6,177	4,447	0.72	2.05
24	20	7,384	4,430	0.60	1.82	7,100	4,260	0.60	1.94	6,674	4,004	0.60	2.09
24	22	7,952	3,817	0.48	1.85	7,668	3,681	0.48	2.00	7,242	3,476	0.48	2.12
26	16	6,319	5,813	0.92	1.73	6,035	5,552	0.92	1.85	5,751	5,291	0.92	2.01
26	18	6,816	5,453	0.80	1.77	6,603	5,282	0.80	1.91	6,177	4,942	0.80	2.05
26	20	7,384	5,021	0.68	1.82	7,100	4,828	0.68	1.94	6,674	4,538	0.68	2.09
26	22	7,952	4,453	0.56	1.85	7,668	4,294	0.56	2.00	7,242	4,056	0.56	2.12
27	16	6,319	6,066	0.96	1.73	6,035	5,794	0.96	1.85	5,751	5,521	0.96	2.01
27	18	6,816	5,725	0.84	1.77	6,603	5,547	0.84	1.91	6,177	5,189	0.84	2.05
27	20	7,384	5,316	0.72	1.82	7,100	5,112	0.72	1.94	6,674	4,805	0.72	2.09
27	22	7,952	4,771	0.60	1.85	7,668	4,601	0.60	2.00	7,242	4,345	0.60	2.12
28	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
28	18	6,816	5,998	0.88	1.77	6,603	5,811	0.88	1.91	6,177	5,436	0.88	2.05
28	20	7,384	5,612	0.76	1.82	7,100	5,396	0.76	1.94	6,674	5,072	0.76	2.09
28	22	7,952	5,089	0.64	1.85	7,668	4,908	0.64	2.00	7,242	4,635	0.64	2.12
30	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
30	18	6,816	6,543	0.96	1.77	6,603	6,339	0.96	1.91	6,177	5,930	0.96	2.05
30	20	7,384	6,203	0.84	1.82	7,100	5,964	0.84	1.94	6,674	5,606	0.84	2.09
30	22	7,952	5,725	0.72	1.85	7,668	5,521	0.72	2.00	7,242	5,214	0.72	2.12
32	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
32	18	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.91	6,177	6,177	1.00	2.05
32	20	7,384	6,793	0.92	1.82	7,100	6,532	0.92	1.94	6,674	6,140	0.92	2.09
32	22	7,952	6,362	0.80	1.85	7,668	6,134	0.80	2.00	7,242	5,794	0.80	2.12
34	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
34	18	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.91	6,177	6,177	1.00	2.05
34	20	7,384	7,384	1.00	1.82	7,100	7,100	1.00	1.94	6,674	6,674	1.00	2.09
34	22	7,952	6,998	0.88	1.85	7,668	6,748	0.88	2.00	7,242	6,373	0.88	2.12

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY

PKA-M100KA PKA-M100KAL / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	5,925	0.63	1.92	9,120	5,746	0.63	2.03	8,835	5,566	0.63	2.15
20	18	10,070	5,136	0.51	1.96	9,785	4,990	0.51	2.06	9,453	4,821	0.51	2.21
20	20	10,830	4,224	0.39	2.02	10,593	4,131	0.39	2.11	10,308	4,020	0.39	2.26
22	16	9,405	6,678	0.71	1.92	9,120	6,475	0.71	2.03	8,835	6,273	0.71	2.15
22	18	10,070	5,941	0.59	1.96	9,785	5,773	0.59	2.06	9,453	5,577	0.59	2.21
22	20	10,830	5,090	0.47	2.02	10,593	4,978	0.47	2.11	10,308	4,845	0.47	2.26
24	16	9,405	7,430	0.79	1.92	9,120	7,205	0.79	2.03	8,835	6,980	0.79	2.15
24	18	10,070	6,747	0.67	1.96	9,785	6,556	0.67	2.06	9,453	6,333	0.67	2.21
24	20	10,830	5,957	0.55	2.02	10,593	5,826	0.55	2.11	10,308	5,669	0.55	2.26
24	22	11,543	4,963	0.43	2.06	11,305	4,861	0.43	2.18	11,020	4,739	0.43	2.33
26	16	9,405	8,182	0.87	1.92	9,120	7,934	0.87	2.03	8,835	7,686	0.87	2.15
26	18	10,070	7,553	0.75	1.96	9,785	7,339	0.75	2.06	9,453	7,089	0.75	2.21
26	20	10,830	6,823	0.63	2.02	10,593	6,673	0.63	2.11	10,308	6,494	0.63	2.26
26	22	11,543	5,887	0.51	2.06	11,305	5,766	0.51	2.18	11,020	5,620	0.51	2.33
27	16	9,405	8,559	0.91	1.92	9,120	8,299	0.91	2.03	8,835	8,040	0.91	2.15
27	18	10,070	7,955	0.79	1.96	9,785	7,730	0.79	2.06	9,453	7,467	0.79	2.21
27	20	10,830	7,256	0.67	2.02	10,593	7,097	0.67	2.11	10,308	6,906	0.67	2.26
27	22	11,543	6,348	0.55	2.06	11,305	6,218	0.55	2.18	11,020	6,061	0.55	2.33
28	16	9,405	8,935	0.95	1.92	9,120	8,664	0.95	2.03	8,835	8,393	0.95	2.15
28	18	10,070	8,358	0.83	1.96	9,785	8,122	0.83	2.06	9,453	7,846	0.83	2.21
28	20	10,830	7,689	0.71	2.02	10,593	7,521	0.71	2.11	10,308	7,318	0.71	2.26
28	22	11,543	6,810	0.59	2.06	11,305	6,670	0.59	2.18	11,020	6,502	0.59	2.33
30	16	9,405	9,405	1.00	1.92	9,120	9,120	1.00	2.03	8,835	8,835	1.00	2.15
30	18	10,070	9,164	0.91	1.96	9,785	8,904	0.91	2.06	9,453	8,602	0.91	2.21
30	20	10,830	8,556	0.79	2.02	10,593	8,368	0.79	2.11	10,308	8,143	0.79	2.26
30	22	11,543	7,733	0.67	2.06	11,305	7,574	0.67	2.18	11,020	7,383	0.67	2.33
32	16	9,405	9,405	1.00	1.92	9,120	9,120	1.00	2.03	8,835	8,835	1.00	2.15
32	18	10,070	9,969	0.99	1.96	9,785	9,687	0.99	2.06	9,453	9,358	0.99	2.21
32	20	10,830	9,422	0.87	2.02	10,593	9,215	0.87	2.11	10,308	8,968	0.87	2.26
32	22	11,543	8,657	0.75	2.06	11,305	8,479	0.75	2.18	11,020	8,265	0.75	2.33
34	16	9,405	9,405	1.00	1.92	9,120	9,120	1.00	2.03	8,835	8,835	1.00	2.15
34	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.06	9,453	9,453	1.00	2.21
34	20	10,830	10,289	0.95	2.02	10,593	10,063	0.95	2.11	10,308	9,792	0.95	2.26
34	22	11,543	9,580	0.83	2.06	11,305	9,383	0.83	2.18	11,020	9,147	0.83	2.33

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,327	0.63	2.30	8,075	5,087	0.63	2.47	7,695	4,848	0.63	2.68
20	18	9,120	4,651	0.51	2.36	8,835	4,506	0.51	2.54	8,265	4,215	0.51	2.74
20	20	9,880	3,853	0.39	2.42	9,500	3,705	0.39	2.59	8,930	3,483	0.39	2.78
22	16	8,455	6,003	0.71	2.30	8,075	5,733	0.71	2.47	7,695	5,463	0.71	2.68
22	18	9,120	5,381	0.59	2.36	8,835	5,213	0.59	2.54	8,265	4,876	0.59	2.74
22	20	9,880	4,644	0.47	2.42	9,500	4,465	0.47	2.59	8,930	4,197	0.47	2.78
24	16	8,455	6,679	0.79	2.30	8,075	6,379	0.79	2.47	7,695	6,079	0.79	2.68
24	18	9,120	6,110	0.67	2.36	8,835	5,919	0.67	2.54	8,265	5,538	0.67	2.74
24	20	9,880	5,434	0.55	2.42	9,500	5,225	0.55	2.59	8,930	4,912	0.55	2.78
24	22	10,640	4,575	0.43	2.47	10,260	4,412	0.43	2.66	9,690	4,167	0.43	2.83
26	16	8,455	7,356	0.87	2.30	8,075	7,025	0.87	2.47	7,695	6,695	0.87	2.68
26	18	9,120	6,840	0.75	2.36	8,835	6,626	0.75	2.54	8,265	6,199	0.75	2.74
26	20	9,880	6,224	0.63	2.42	9,500	5,985	0.63	2.59	8,930	5,626	0.63	2.78
26	22	10,640	5,426	0.51	2.47	10,260	5,233	0.51	2.66	9,690	4,942	0.51	2.83
27	16	8,455	7,694	0.91	2.30	8,075	7,348	0.91	2.47	7,695	7,002	0.91	2.68
27	18	9,120	7,205	0.79	2.36	8,835	6,980	0.79	2.54	8,265	6,529	0.79	2.74
27	20	9,880	6,620	0.67	2.42	9,500	6,365	0.67	2.59	8,930	5,983	0.67	2.78
27	22	10,640	5,852	0.55	2.47	10,260	5,643	0.55	2.66	9,690	5,330	0.55	2.83
28	16	8,455	8,032	0.95	2.30	8,075	7,671	0.95	2.47	7,695	7,310	0.95	2.68
28	18	9,120	7,570	0.83	2.36	8,835	7,333	0.83	2.54	8,265	6,860	0.83	2.74
28	20	9,880	7,015	0.71	2.42	9,500	6,745	0.71	2.59	8,930	6,340	0.71	2.78
28	22	10,640	6,278	0.59	2.47	10,260	6,053	0.59	2.66	9,690	5,717	0.59	2.83
30	16	8,455	8,455	1.00	2.30	8,075	8,075	1.00	2.47	7,695	7,695	1.00	2.68
30	18	9,120	8,299	0.91	2.36	8,835	8,040	0.91	2.54	8,265	7,521	0.91	2.74
30	20	9,880	7,805	0.79	2.42	9,500	7,505	0.79	2.59	8,930	7,055	0.79	2.78
30	22	10,640	7,129	0.67	2.47	10,260	6,874	0.67	2.66	9,690	6,492	0.67	2.83
32	16	8,455	8,455	1.00	2.30	8,075	8,075	1.00	2.47	7,695	7,695	1.00	2.68
32	18	9,120	9,029	0.99	2.36	8,835	8,747	0.99	2.54	8,265	8,182	0.99	2.74
32	20	9,880	8,596	0.87	2.42	9,500	8,265	0.87	2.59	8,930	7,769	0.87	2.78
32	22	10,640	7,980	0.75	2.47	10,260	7,695	0.75	2.66	9,690	7,268	0.75	2.83
34	16	8,455	8,455	1.00	2.30	8,075	8,075	1.00	2.47	7,695	7,695	1.00	2.68
34	18	9,120	9,120	1.00	2.36	8,835	8,835	1.00	2.54	8,265	8,265	1.00	2.74
34	20	9,880	9,386	0.95	2.42	9,500	9,025	0.95	2.59	8,930	8,484	0.95	2.78
34	22	10,640	8,831	0.83	2.47	10,260	8,516	0.83	2.66	9,690	8,043	0.83	2.83

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-M71KA PKA-M71KAL / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,780	0.68	1.54	6,816	4,635	0.68	1.63	6,603	4,490	0.68	1.73
20	18	7,526	4,215	0.56	1.57	7,313	4,095	0.56	1.66	7,065	3,956	0.56	1.78
20	20	8,094	3,561	0.44	1.62	7,917	3,483	0.44	1.70	7,704	3,390	0.44	1.81
22	16	7,029	5,342	0.76	1.54	6,816	5,180	0.76	1.63	6,603	5,018	0.76	1.73
22	18	7,526	4,817	0.64	1.57	7,313	4,680	0.64	1.66	7,065	4,521	0.64	1.78
22	20	8,094	4,209	0.52	1.62	7,917	4,117	0.52	1.70	7,704	4,006	0.52	1.81
24	16	7,029	5,904	0.84	1.54	6,816	5,725	0.84	1.63	6,603	5,547	0.84	1.73
24	18	7,526	5,419	0.72	1.57	7,313	5,265	0.72	1.66	7,065	5,086	0.72	1.78
24	20	8,094	4,856	0.60	1.62	7,917	4,750	0.60	1.70	7,704	4,622	0.60	1.81
24	22	8,627	4,141	0.48	1.66	8,449	4,056	0.48	1.76	8,236	3,953	0.48	1.87
26	16	7,029	6,467	0.92	1.54	6,816	6,271	0.92	1.63	6,603	6,075	0.92	1.73
26	18	7,526	6,021	0.80	1.57	7,313	5,850	0.80	1.66	7,065	5,652	0.80	1.78
26	20	8,094	5,504	0.68	1.62	7,917	5,383	0.68	1.70	7,704	5,238	0.68	1.81
26	22	8,627	4,831	0.56	1.66	8,449	4,731	0.56	1.76	8,236	4,612	0.56	1.87
27	16	7,029	6,748	0.96	1.54	6,816	6,543	0.96	1.63	6,603	6,339	0.96	1.73
27	18	7,526	6,322	0.84	1.57	7,313	6,143	0.84	1.66	7,065	5,934	0.84	1.78
27	20	8,094	5,828	0.72	1.62	7,917	5,700	0.72	1.70	7,704	5,547	0.72	1.81
27	22	8,627	5,176	0.60	1.66	8,449	5,069	0.60	1.76	8,236	4,942	0.60	1.87
28	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
28	18	7,526	6,623	0.88	1.57	7,313	6,435	0.88	1.66	7,065	6,217	0.88	1.78
28	20	8,094	6,151	0.76	1.62	7,917	6,017	0.76	1.70	7,704	5,855	0.76	1.81
28	22	8,627	5,521	0.64	1.66	8,449	5,407	0.64	1.76	8,236	5,271	0.64	1.87
30	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
30	18	7,526	7,225	0.96	1.57	7,313	7,020	0.96	1.66	7,065	6,782	0.96	1.78
30	20	8,094	6,799	0.84	1.62	7,917	6,650	0.84	1.70	7,704	6,471	0.84	1.81
30	22	8,627	6,211	0.72	1.66	8,449	6,083	0.72	1.76	8,236	5,930	0.72	1.87
32	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
32	18	7,526	7,526	1.00	1.57	7,313	7,313	1.00	1.66	7,065	7,065	1.00	1.78
32	20	8,094	7,446	0.92	1.62	7,917	7,283	0.92	1.70	7,704	7,087	0.92	1.81
32	22	8,627	6,901	0.80	1.66	8,449	6,759	0.80	1.76	8,236	6,589	0.80	1.87
34	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
34	18	7,526	7,526	1.00	1.57	7,313	7,313	1.00	1.66	7,065	7,065	1.00	1.78
34	20	8,094	8,094	1.00	1.62	7,917	7,917	1.00	1.70	7,704	7,704	1.00	1.81
34	22	8,627	7,591	0.88	1.66	8,449	7,435	0.88	1.76	8,236	7,248	0.88	1.87

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,297	0.68	1.85	6,035	4,104	0.68	1.99	5,751	3,911	0.68	2.15
20	18	6,816	3,817	0.56	1.90	6,603	3,698	0.56	2.05	6,177	3,459	0.56	2.20
20	20	7,384	3,249	0.44	1.95	7,100	3,124	0.44	2.08	6,674	2,937	0.44	2.24
22	16	6,319	4,802	0.76	1.85	6,035	4,587	0.76	1.99	5,751	4,371	0.76	2.15
22	18	6,816	4,362	0.64	1.90	6,603	4,226	0.64	2.05	6,177	3,953	0.64	2.20
22	20	7,384	3,840	0.52	1.95	7,100	3,692	0.52	2.08	6,674	3,470	0.52	2.24
24	16	6,319	5,308	0.84	1.85	6,035	5,069	0.84	1.99	5,751	4,831	0.84	2.15
24	18	6,816	4,908	0.72	1.90	6,603	4,754	0.72	2.05	6,177	4,447	0.72	2.20
24	20	7,384	4,430	0.60	1.95	7,100	4,260	0.60	2.08	6,674	4,004	0.60	2.24
24	22	7,952	3,817	0.48	1.99	7,668	3,681	0.48	2.14	7,242	3,476	0.48	2.28
26	16	6,319	5,813	0.92	1.85	6,035	5,552	0.92	1.99	5,751	5,291	0.92	2.15
26	18	6,816	5,453	0.80	1.90	6,603	5,282	0.80	2.05	6,177	4,942	0.80	2.20
26	20	7,384	5,021	0.68	1.95	7,100	4,828	0.68	2.08	6,674	4,538	0.68	2.24
26	22	7,952	4,453	0.56	1.99	7,668	4,294	0.56	2.14	7,242	4,056	0.56	2.28
27	16	6,319	6,066	0.96	1.85	6,035	5,794	0.96	1.99	5,751	5,521	0.96	2.15
27	18	6,816	5,725	0.84	1.90	6,603	5,547	0.84	2.05	6,177	5,189	0.84	2.20
27	20	7,384	5,316	0.72	1.95	7,100	5,112	0.72	2.08	6,674	4,805	0.72	2.24
27	22	7,952	4,771	0.60	1.99	7,668	4,601	0.60	2.14	7,242	4,345	0.60	2.28
28	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
28	18	6,816	5,998	0.88	1.90	6,603	5,811	0.88	2.05	6,177	5,436	0.88	2.20
28	20	7,384	5,612	0.76	1.95	7,100	5,396	0.76	2.08	6,674	5,072	0.76	2.24
28	22	7,952	5,089	0.64	1.99	7,668	4,908	0.64	2.14	7,242	4,635	0.64	2.28
30	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
30	18	6,816	6,543	0.96	1.90	6,603	6,339	0.96	2.05	6,177	5,930	0.96	2.20
30	20	7,384	6,203	0.84	1.95	7,100	5,964	0.84	2.08	6,674	5,606	0.84	2.24
30	22	7,952	5,725	0.72	1.99	7,668	5,521	0.72	2.14	7,242	5,214	0.72	2.28
32	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
32	18	6,816	6,816	1.00	1.90	6,603	6,603	1.00	2.05	6,177	6,177	1.00	2.20
32	20	7,384	6,793	0.92	1.95	7,100	6,532	0.92	2.08	6,674	6,140	0.92	2.24
32	22	7,952	6,362	0.80	1.99	7,668	6,134	0.80	2.14	7,242	5,794	0.80	2.28
34	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
34	18	6,816	6,816	1.00	1.90	6,603	6,603	1.00	2.05	6,177	6,177	1.00	2.20
34	20	7,384	7,384	1.00	1.95	7,100	7,100	1.00	2.08	6,674	6,674	1.00	2.24
34	22	7,952	6,998	0.88	1.99	7,668	6,748	0.88	2.14	7,242	6,373	0.88	2.28

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

COOLING CAPACITY
PKA-M100KA PKA-M100KAL / PUHZ-P100VKA PUHZ-P100YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	5,863	0.63	2.50	9,024	5,685	0.63	2.64	8,742	5,507	0.63	2.79
20	18	9,964	5,082	0.51	2.54	9,682	4,938	0.51	2.68	9,353	4,770	0.51	2.87
20	20	10,716	4,179	0.39	2.62	10,481	4,088	0.39	2.75	10,199	3,978	0.39	2.93
22	16	9,306	6,607	0.71	2.50	9,024	6,407	0.71	2.64	8,742	6,207	0.71	2.79
22	18	9,964	5,879	0.59	2.54	9,682	5,712	0.59	2.68	9,353	5,518	0.59	2.87
22	20	10,716	5,037	0.47	2.62	10,481	4,926	0.47	2.75	10,199	4,794	0.47	2.93
24	16	9,306	7,352	0.79	2.50	9,024	7,129	0.79	2.64	8,742	6,906	0.79	2.79
24	18	9,964	6,676	0.67	2.54	9,682	6,487	0.67	2.68	9,353	6,267	0.67	2.87
24	20	10,716	5,894	0.55	2.62	10,481	5,765	0.55	2.75	10,199	5,609	0.55	2.93
24	22	11,421	4,911	0.43	2.68	11,186	4,810	0.43	2.84	10,904	4,689	0.43	3.03
26	16	9,306	8,096	0.87	2.50	9,024	7,851	0.87	2.64	8,742	7,606	0.87	2.79
26	18	9,964	7,473	0.75	2.54	9,682	7,262	0.75	2.68	9,353	7,015	0.75	2.87
26	20	10,716	6,751	0.63	2.62	10,481	6,603	0.63	2.75	10,199	6,425	0.63	2.93
26	22	11,421	5,825	0.51	2.68	11,186	5,705	0.51	2.84	10,904	5,561	0.51	3.03
27	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.79
27	18	9,964	7,872	0.79	2.54	9,682	7,649	0.79	2.68	9,353	7,389	0.79	2.87
27	20	10,716	7,180	0.67	2.62	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.93
27	22	11,421	6,282	0.55	2.68	11,186	6,152	0.55	2.84	10,904	5,997	0.55	3.03
28	16	9,306	8,841	0.95	2.50	9,024	8,573	0.95	2.64	8,742	8,305	0.95	2.79
28	18	9,964	8,270	0.83	2.54	9,682	8,036	0.83	2.68	9,353	7,763	0.83	2.87
28	20	10,716	7,608	0.71	2.62	10,481	7,442	0.71	2.75	10,199	7,241	0.71	2.93
28	22	11,421	6,738	0.59	2.68	11,186	6,600	0.59	2.84	10,904	6,433	0.59	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,067	0.91	2.54	9,682	8,811	0.91	2.68	9,353	8,511	0.91	2.87
30	20	10,716	8,466	0.79	2.62	10,481	8,280	0.79	2.75	10,199	8,057	0.79	2.93
30	22	11,421	7,652	0.67	2.68	11,186	7,495	0.67	2.84	10,904	7,306	0.67	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,864	0.99	2.54	9,682	9,585	0.99	2.68	9,353	9,259	0.99	2.87
32	20	10,716	9,323	0.87	2.62	10,481	9,118	0.87	2.75	10,199	8,873	0.87	2.93
32	22	11,421	8,566	0.75	2.68	11,186	8,390	0.75	2.84	10,904	8,178	0.75	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,180	0.95	2.62	10,481	9,957	0.95	2.75	10,199	9,689	0.95	2.93
34	22	11,421	9,479	0.83	2.68	11,186	9,284	0.83	2.84	10,904	9,050	0.83	3.03

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,271	0.63	3.00	7,990	5,034	0.63	3.21	7,614	4,797	0.63	3.48
20	18	9,024	4,602	0.51	3.07	8,742	4,458	0.51	3.31	8,178	4,171	0.51	3.56
20	20	9,776	3,813	0.39	3.15	9,400	3,666	0.39	3.37	8,836	3,446	0.39	3.62
22	16	8,366	5,940	0.71	3.00	7,990	5,673	0.71	3.21	7,614	5,406	0.71	3.48
22	18	9,024	5,324	0.59	3.07	8,742	5,158	0.59	3.31	8,178	4,825	0.59	3.56
22	20	9,776	4,595	0.47	3.15	9,400	4,418	0.47	3.37	8,836	4,153	0.47	3.62
24	16	8,366	6,609	0.79	3.00	7,990	6,312	0.79	3.21	7,614	6,015	0.79	3.48
24	18	9,024	6,046	0.67	3.07	8,742	5,857	0.67	3.31	8,178	5,479	0.67	3.56
24	20	9,776	5,377	0.55	3.15	9,400	5,170	0.55	3.37	8,836	4,860	0.55	3.62
24	22	10,528	4,527	0.43	3.21	10,152	4,365	0.43	3.46	9,588	4,123	0.43	3.68
26	16	8,366	7,278	0.87	3.00	7,990	6,951	0.87	3.21	7,614	6,624	0.87	3.48
26	18	9,024	6,768	0.75	3.07	8,742	6,557	0.75	3.31	8,178	6,134	0.75	3.56
26	20	9,776	6,159	0.63	3.15	9,400	5,922	0.63	3.37	8,836	5,567	0.63	3.62
26	22	10,528	5,369	0.51	3.21	10,152	5,178	0.51	3.46	9,588	4,890	0.51	3.68
27	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.21	7,614	6,929	0.91	3.48
27	18	9,024	7,129	0.79	3.07	8,742	6,906	0.79	3.31	8,178	6,461	0.79	3.56
27	20	9,776	6,550	0.67	3.15	9,400	6,298	0.67	3.37	8,836	5,920	0.67	3.62
27	22	10,528	5,790	0.55	3.21	10,152	5,584	0.55	3.46	9,588	5,273	0.55	3.68
28	16	8,366	7,948	0.95	3.00	7,990	7,591	0.95	3.21	7,614	7,233	0.95	3.48
28	18	9,024	7,490	0.83	3.07	8,742	7,256	0.83	3.31	8,178	6,788	0.83	3.56
28	20	9,776	6,941	0.71	3.15	9,400	6,674	0.71	3.37	8,836	6,274	0.71	3.62
28	22	10,528	6,212	0.59	3.21	10,152	5,990	0.59	3.46	9,588	5,657	0.59	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	8,212	0.91	3.07	8,742	7,955	0.91	3.31	8,178	7,442	0.91	3.56
30	20	9,776	7,723	0.79	3.15	9,400	7,426	0.79	3.37	8,836	6,980	0.79	3.62
30	22	10,528	7,054	0.67	3.21	10,152	6,802	0.67	3.46	9,588	6,424	0.67	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	8,934	0.99	3.07	8,742	8,655	0.99	3.31	8,178	8,096	0.99	3.56
32	20	9,776	8,505	0.87	3.15	9,400	8,178	0.87	3.37	8,836	7,687	0.87	3.62
32	22	10,528	7,896	0.75	3.21	10,152	7,614	0.75	3.46	9,588	7,191	0.75	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,287	0.95	3.15	9,400	8,930	0.95	3.37	8,836	8,394	0.95	3.62
34	22	10,528	8,738	0.83	3.21	10,152	8,426	0.83	3.46	9,588	7,958	0.83	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY

PKA-M100KA PKA-M100KAL / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-M100KA	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-M100KAL	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

Note: CA : Capacity (W) P.C. : Total power input (kW)

PKA-M-HA PKA-M-HAL / PUHZ-ZRP-VKA2

PKA-M-KA PKA-M-KAL / 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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-M35HA	15	2,604	0.63	2,829	0.70	3,157	0.80	4,141	0.96	4,674	1.07	5,207	1.16
PKA-M35HAL	20	2,501	0.68	2,706	0.75	2,993	0.87	3,998	1.04	4,510	1.16	5,023	1.24
	25	2,419	0.73	2,624	0.81	2,870	0.94	3,772	1.10	4,346	1.24	4,838	1.33
PKA-M50HA	15	3,175	0.89	3,450	0.98	3,850	1.13	5,050	1.35	5,700	1.50	6,350	1.62
PKA-M50HAL	20	3,050	0.96	3,300	1.05	3,650	1.22	4,875	1.46	5,500	1.62	6,125	1.74
	25	2,950	1.02	3,200	1.14	3,500	1.32	4,600	1.55	5,300	1.73	5,900	1.87
PKA-M60KA	15	4,445	1.16	4,830	1.27	5,390	1.47	7,070	1.76	7,980	1.96	8,890	2.12
PKA-M60KAL	20	4,270	1.25	4,620	1.37	5,110	1.59	6,825	1.90	7,700	2.12	8,575	2.27
	25	4,130	1.33	4,480	1.49	4,900	1.72	6,440	2.02	7,420	2.26	8,260	2.44
PKA-M71KA	15	5,080	1.29	5,520	1.42	6,160	1.64	8,080	1.97	9,120	2.19	10,160	2.37
PKA-M71KAL	20	4,880	1.40	5,280	1.53	5,840	1.77	7,800	2.12	8,800	2.37	9,800	2.54
	25	4,720	1.49	5,120	1.66	5,600	1.93	7,360	2.26	8,480	2.53	9,440	2.73
PKA-M100KA	15	7,112	1.79	7,728	1.98	8,624	2.28	11,312	2.74	12,768	3.04	14,224	3.28
PKA-M100KAL	20	6,832	1.95	7,392	2.13	8,176	2.46	10,920	2.95	12,320	3.28	13,720	3.53
	25	6,608	2.07	7,168	2.31	7,840	2.68	10,304	3.13	11,872	3.51	13,216	3.78

Note: CA : Capacity (W) P.C. : Total power input (kW)

PKA-M100KA PKA-M100KAL / PUHZ-P100VKA PUHZ-P100YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-M100KA	15	7,112	2.05	7,728	2.26	8,624	2.61	11,312	3.13	12,768	3.48	14,224	3.76
PKA-M100KAL	20	6,832	2.23	7,392	2.44	8,176	2.82	10,920	3.38	12,320	3.76	13,720	4.04
	25	6,608	2.37	7,168	2.64	7,840	3.06	10,304	3.58	11,872	4.02	13,216	4.33

Note: CA : Capacity (W) P.C. : Total power input (kW)

PKA-M71KA PKA-M71KAL / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-M71KA	15	5,080	1.35	5,520	1.48	6,160	1.71	8,080	2.05	9,120	2.28	10,160	2.46
PKA-M71KAL	20	4,880	1.46	5,280	1.60	5,840	1.85	7,800	2.21	8,800	2.46	9,800	2.64
	25	4,720	1.55	5,120	1.73	5,600	2.01	7,360	2.35	8,480	2.63	9,440	2.84

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.2.6 NOISE CRITERIA CURVES

A.2.6.1 SOUND LEVELS

Model	Sound level dB (A)
PKA-M35HA(L) PKA-M50HA(L)	36 - 40 - 43
PKA-M60KA(L) PKA-M71KA(L)	39 - 42 - 45
PKA-M100KA(L)	41 - 45 - 49

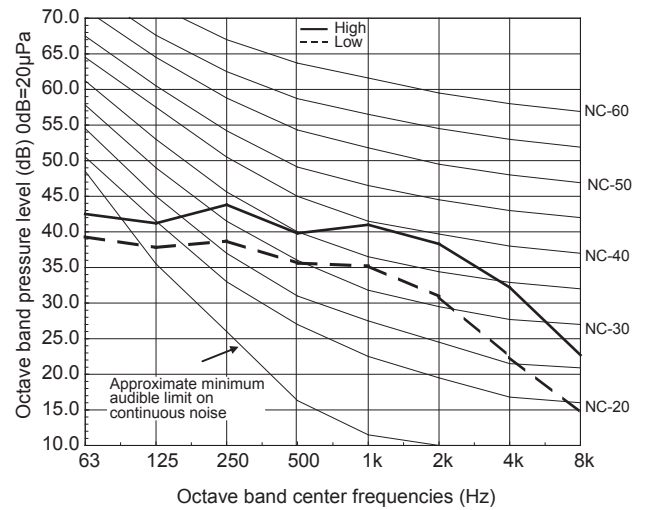
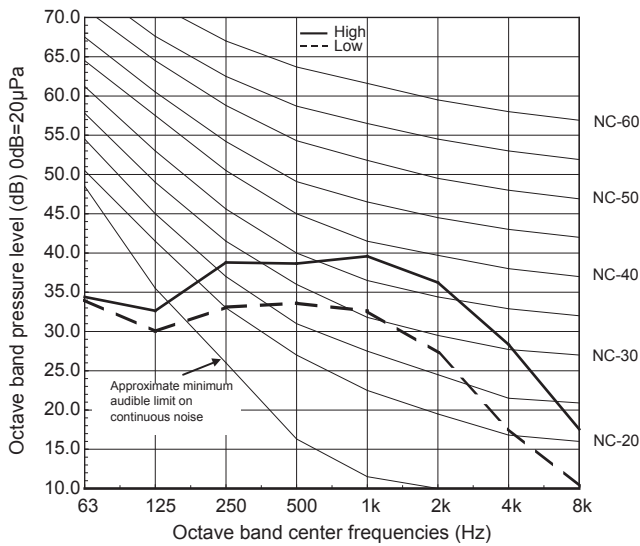
A.2.6.2 NOISE CRITERIA CURVES

PKA-M35HA PKA-M50HA
PKA-M35HAL PKA-M50HAL

PKA-M60KA PKA-M71KA
PKA-M60KAL PKA-M71KAL

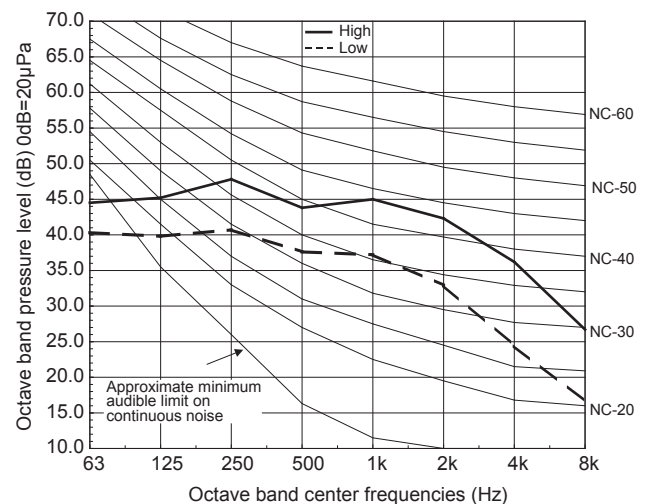
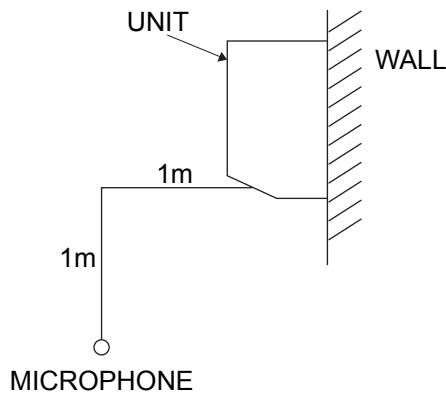
External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz

External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz



PKA-M100KA
PKA-M100KAL

External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz



A.2.7 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

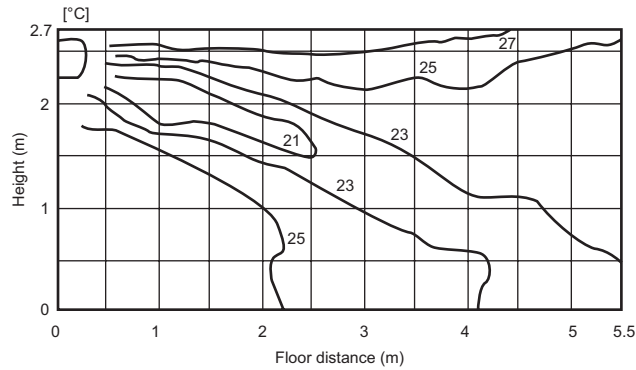
PKA-M·HA PKA-M·HAL PKA-M·KA PKA-M·KAL

Temperature distribution

PKA-M50HA PKA-M50HAL

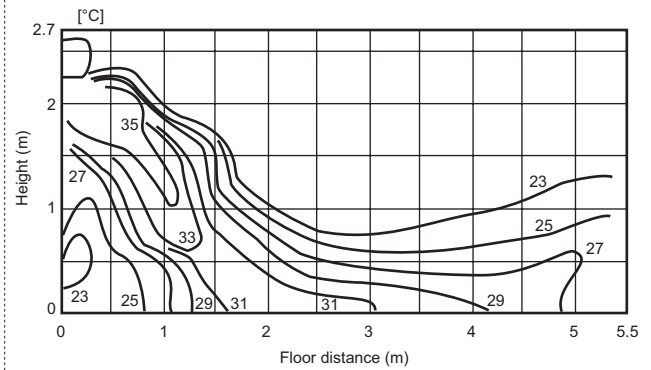
<Cooling mode>

Horizontal air flow



<Heating mode>

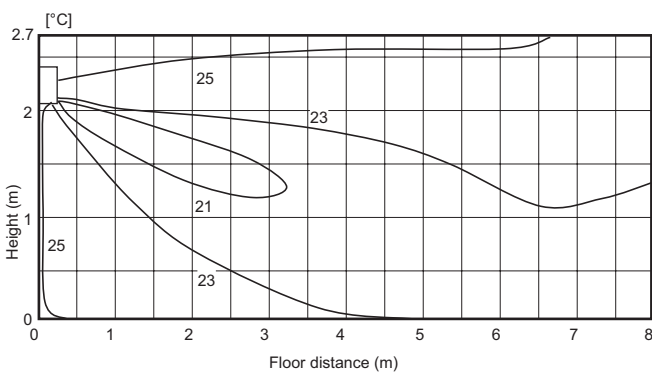
Downward air flow



PKA-M100KA PKA-M100KAL

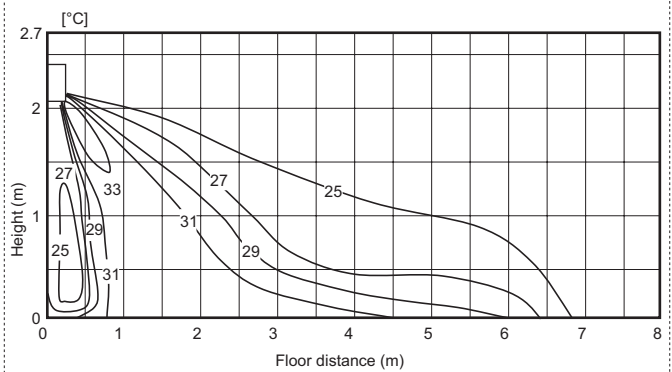
<Cooling mode>

Horizontal air flow



<Heating mode>

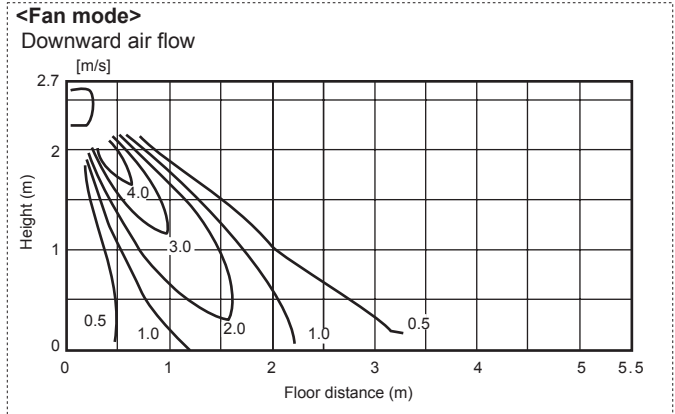
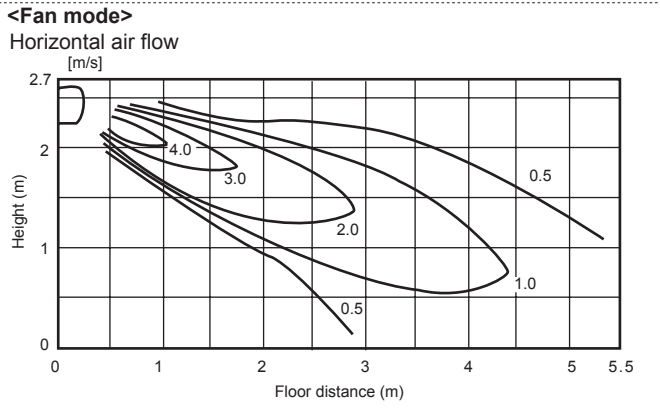
Downward air flow



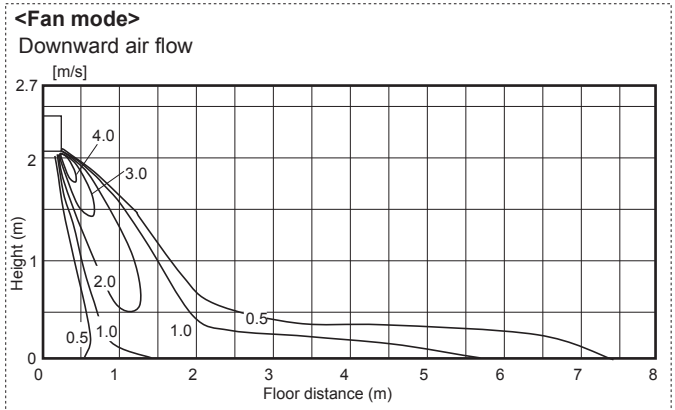
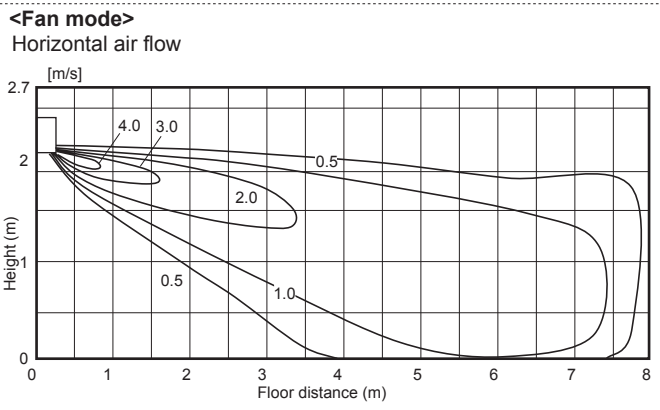
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

Airflow distribution

PKA-M50HA PKA-M50HAL



PKA-M100KA PKA-M100KAL



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-M35HA(L)	PKA-M50HA(L)
Air flow	m ³ /min	12	12
Air speed	m/sec	6.1	6.1
Coverage range	m (ft)	10.8 (35.4)	10.8 (35.4)

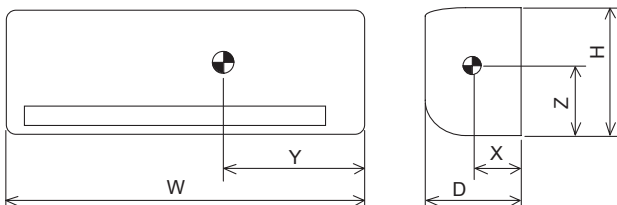
		PKA-M60KA(L)	PKA-M71KA(L)	PKA-M100KA(L)
Air flow	m ³ /min	22	22	26
Air speed	m/sec	6.0	6.0	6.8
Coverage range	m (ft)	14.3 (46.9)	14.3 (46.9)	16.1 (52.8)

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-M35HA(L)	898	249	295	120	390	160
PKA-M50HA(L)	898	249	295	120	390	160
PKA-M60KA(L)	1170	295	365	190	460	190
PKA-M71KA(L)	1170	295	365	190	460	190
PKA-M100KA(L)	1170	295	365	190	460	190

WALL-
MOUNTED

OUTLET AIR SPEED AND COVERAGE RANGE

A.3 CEILING SUSPENDED (PCA)

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A.3.1 SPECIFICATIONS

A.3.1.1 R32 type

1.Power Inverter SERIES

CEILING-SUSPENDED SPECIFICATIONS

Model Name		Indoor Unit	PCA-M35KA	PCA-M50KA	PCA-M60KA	PCA-M71KA	PCA-M100KA	PCA-M100KA		
		Outdoor Unit	PUZ-ZM35VKA	PUZ-ZM50VKA	PUZ-ZM60VHA	PUZ-ZM71VHA	PUZ-ZM100VKA	PUZ-ZM100YKA		
Power Supply	Source		Outdoor power supply							
	Out	V	230	230	230	230	230	400		
		Phase	Single	Single	Single	Single	Single	3		
		Hz	50	50	50	50	50	50		
	In	V	-	-	-	-	-	-		
		Phase	-	-	-	-	-	-		
Hz		-	-	-	-	-	-			
Refrigerant			R32	R32	R32	R32	R32	R32		
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	
		Max.	kW	4.5	5.6	6.7	8.1	11.4	11.4	
		Min.	kW	1.6	2.3	2.7	3.3	4.9	4.9	
	SHF	Rated		0.88	0.79	0.81	0.76	0.77	0.77	
	Total Input	Rated	kW	0.829	1.25	1.521	1.829	2.317	2.317	
	EER			4.34	4.00	4.01	3.88	4.10	4.10	
	Annual Electricity Consumption		kWh/a	197	260	328	371	513	523	
	SEER			6.4	6.7	6.5	6.7	6.4	6.3	
			Energy efficiency class		A++	A++	A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	5.5	7.0	8.0	11.2	11.2
Max.			kW	5.2	6.6	8.2	10.2	14.0	14.0	
Min.			kW	1.6	2.5	2.8	3.5	4.5	4.5	
Total Input		Rated	kW	1.019	1.361	1.745	2.156	3.018	3.018	
COP				4.02	4.04	4.01	3.71	3.71	3.71	
Annual Electricity Consumption			kWh/a	839	1265	1499	1563	2539	2539	
SCOP				4.0	4.2	4.1	4.2	4.3	4.3	
		Energy efficiency class		A+	A+	A+	A+	A+	A+	
Operating Current(max)			A	13.3	13.4	19.4	19.4	27.2	8.7	
Indoor Unit	Input	Rated	kW	0.040	0.050	0.060	0.060	0.090	0.090	
		Operating Current(max)	A	0.29	0.37	0.39	0.42	0.65	0.65	
	Dimensions	Height	mm	230	230	230	230	230	230	
		Width	mm	960	960	1280	1280	1600	1600	
		Depth	mm	680	680	680	680	680	680	
	Weight		kg	25	26	32	32	37	37	
	Air Volume	Low	m³/min.	10.0	10.0	15.0	16.0	22.0	22.0	
		Mid2	m³/min.	11.0	11.0	16.0	17.0	24.0	24.0	
		Mid	m³/min.	12.0	13.0	17.0	18.0	26.0	26.0	
		Hi	m³/min.	14.0	15.0	19.0	20.0	28.0	28.0	
	External Static Pressure		Pa	-	-	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	31	32	33	35	37	37	
		Mid2	dB(A)	33	34	35	37	39	39	
		Mid	dB(A)	36	37	37	39	41	41	
		Hi	dB(A)	39	40	40	41	43	43	
	Sound Level (PWL)	Cooling		60	60	60	62	63	63	
Outdoor Unit	Dimensions	Height	mm	630	630	943	943	1338	1338	
		Width	mm	809	809	950	950	1050	1050	
		Depth	mm	300 (+23)	300 (+23)	330 (+25)	330 (+25)	330 (+40)	330 (+40)	
	Weight		kg	46	46	70	70	116	123	
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0	110.0	110.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47	49	49
		Heating	Rated	dB(A)	41	41	44	44	46	46
	Sound Level (PWL)	Cooling			65	65	67	67	69	69
		Heating			65	65	67	67	69	69
	Operating Current(max)		A	13.0	13.0	19.0	19.0	26.5	8.0	
	Breaker Size		A	16	16	25	25	32	16	
	Ext. Piping	Diameter	Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
Gas			mm	12.7	12.7	15.88	15.88	15.88	15.88	
Max. Length		Out-In	m	50	50	55	55	100	100	
Max. Height		Out-In	Below Indoor	m	30	30	30	30	30	30
		Above Indoor	m	30	30	30	30	30	30	
Guranteed Operation Range	Cooling	Upper Limit.	°C	46	46	46	46	46	46	
		Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	21	21	
		Lower Limit.	°C	-11	-11	-20	-20	-20	-20	

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

Model Name	Indoor Unit			PCA-M125KA	PCA-M125KA	PCA-M140KA	PCA-M140KA	
	Outdoor Unit			PUZ-ZM125VKA	PUZ-ZM125YKA	PUZ-ZM140VKA	PUZ-ZM140YKA	
Power Supply				Source				
	Out				Outdoor power supply			
		V			230	400	230	400
		Phase			Single	3	Single	3
	Hz			50	50	50	50	
In	V			-	-	-	-	
	Phase			-	-	-	-	
	Hz			-	-	-	-	
Refrigerant								
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4	
		Max.	kW	14.0	14.0	15.0	15.0	
		Min.	kW	5.5	5.5	6.2	6.2	
	SHF	Rated		0.72	0.72	0.72	0.72	
	Total Input	Rated	kW	3.846	3.846	3.941	3.941	
	EER				3.25	3.25	3.40	3.40
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SEER				-	-	-	-
			Energy efficiency class		-	-	-	-
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0
Max.			kW	16.0	16.0	18.0	18.0	
Min.			kW	5.0	5.0	5.7	5.7	
Total Input		Rated	kW	3.954	3.954	4.432	4.432	
COP				3.54	3.54	3.61	3.61	
Annual Electricity Consumption			kWh/a	-	-	-	-	
SCOP				-	-	-	-	
		Energy efficiency class		-	-	-	-	
Operating Current(max)			A	27.3	10.3	28.9	13.9	
Indoor Unit	Input	Rated	kW	0.110	0.110	0.140	0.140	
	Operating Current(max)			A	0.76	0.76	0.90	0.90
	Dimensions	Height	mm	230	230	230	230	
		Width	mm	1600	1600	1600	1600	
		Depth	mm	680	680	680	680	
	Weight			kg	38	38	40	40
	Air Volume	Low	m³/min.	23.0	23.0	24.0	24.0	
		Mid2	m³/min.	25.0	25.0	26.0	26.0	
		Mid	m³/min.	27.0	27.0	29.0	29.0	
		Hi	m³/min.	29.0	29.0	32.0	32.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	39	39	41	41	
		Mid2	dB(A)	41	41	43	43	
		Mid	dB(A)	43	43	45	45	
		Hi	dB(A)	45	45	48	48	
Sound Level (PWL)	Cooling			65	65	68	68	
Outdoor Unit	Dimensions	Height	mm	1338	1338	1338	1338	
		Width	mm	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
	Sound Level (PWL)	Heating	Rated	dB(A)	52	52	52	52
		Cooling			70	70	70	70
	Operating Current(max)			A	26.5	9.5	28.0	13.0
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	
		Lower Limit.	°C	-20	-20	-20	-20	

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

Model Name		Indoor Unit		PCA-M35KA	PCA-M50KA	PCA-M60KA	PCA-M71KA		
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60KA	SUZ-M71VA		
Power Supply		Out		Source	Outdoor power supply				
				V	230	230	230	230	
		In		Phase	Single	Single	Single	Single	
				Hz	50	50	50	50	
				V	-	-	-	-	
				Phase	-	-	-		
				Hz	-	-	-		
Refrigerant				R32	R32	R32	R32		
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1		
		Max.	kW	3.9	5.6	6.3	8.1		
		Min.	kW	0.8	1.5	1.6	2.2		
	SHF	Rated		0.88	0.79	0.81	0.76		
	Total Input	Rated	kW	0.90	1.51	1.64	1.97		
	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	
Max.			kW	5.0	7.2	8.0	10.2		
Min.			kW	1.0	1.5	1.6	2.0		
Total Input		Rated	kW	1.02	1.61	1.75	2.21		
COP				4.00	3.71	4.00	3.61		
Annual Electricity Consumption			kWh/a	909	1456	1555	1971		
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	Rated	kW	0.040	0.050	0.060	0.060	
	Operating Current(max)		A	0.29	0.37	0.39	0.42		
	Dimensions		Height	mm	230	230	230	230	
			Width	mm	960	960	1280	1280	
			Depth	mm	680	680	680	680	
	Weight		kg	25	26	32	32		
	Air Volume		Low	m ³ /min.	10.0	10.0	15.0	16.0	
			Mid2	m ³ /min.	11.0	11.0	16.0	17.0	
			Mid	m ³ /min.	12.0	13.0	17.0	18.0	
			Hi	m ³ /min.	14.0	15.0	19.0	20.0	
	External Static Pressure			Pa	-	-	-	-	
	Sound Level (SPL)		Low	dB(A)	31	32	33	35	
			Mid2	dB(A)	33	34	35	37	
			Mid	dB(A)	36	37	37	39	
			Hi	dB(A)	39	40	40	41	
Sound Level (PWL)	Cooling			60	60	60	62		
Outdoor Unit	Dimensions		Height	mm	550	714	880	880	
			Width	mm	800	800	840	840	
			Depth	mm	285	285	330	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			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		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		Below Indoor	m	12	30	30	30	
			Above Indoor	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	
		Lower Limit.		°C	-10	-15	-15	-15	
	Heating	Upper Limit.	°C	24	24	24	24		
		Lower Limit.		°C	-10	-10	-10	-10	

Model Name	Indoor Unit			PCA-M100KA	PCA-M100KA	PCA-M125KA	PCA-M125KA	PCA-M140KA	PCA-M140KA	
	Outdoor Unit			PUZ-M100VKA	PUZ-M100YKA	PUZ-M125VKA	PUZ-M125YKA	PUZ-M140VKA	PUZ-M140YKA	
Power Supply	Source			Outdoor power supply						
	Out	V			230	400	230	400	230	400
		Phase			Single	3	Single	3	Single	3
		Hz			50	50	50	50	50	50
	In	V			-	-	-	-	-	-
		Phase			-	-	-	-	-	-
Hz			-	-	-	-	-	-		
Refrigerant				R32	R32	R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	13.4	13.4	
		Max.	kW	10.6	10.6	13.0	13.0	14.1	14.1	
		Min.	kW	4.0	4.0	5.7	5.7	5.7	5.7	
	SHF	Rated		0.77	0.77	0.72	0.72	0.72	0.72	
	Total Input	Rated	kW	2.94	2.94	4.01	4.01	5.36	5.36	
	EER				3.23	3.23	3.01	3.01	2.50	2.50
	Annual Electricity Consumption			kWh/a	552	552	-	-	-	-
	SEER				6.0	6.0	-	-	-	-
	Energy efficiency class				A ⁺	A ⁺	-	-	-	-
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	15.0	15.0
Max.			kW	12.5	12.5	15.0	15.0	15.8	15.8	
Min.			kW	2.8	12.8	4.1	4.1	4.2	4.2	
Total Input		Rated	kW	3.28	3.28	3.95	3.95	4.28	4.28	
COP				3.41	3.41	3.41	3.41	3.50	3.50	
Annual Electricity Consumption			kWh/a	2719	2719	-	-	-	-	
SCOP				4.1	4.1	-	-	-	-	
Energy efficiency class				A ⁺	A ⁺	-	-	-	-	
Operating Current(max)			A	20.7	12.2	27.3	12.3	30.9	12.4	
Indoor Unit		Input	Rated	kW	0.090	0.090	0.110	0.110	0.140	0.140
	Operating Current(max)			A	0.65	0.65	0.76	0.76	0.90	0.90
	Dimensions	Height	mm	230	230	230	230	230	230	
		Width	mm	1600	1600	1600	1600	1600	1600	
		Depth	mm	680	680	680	680	680	680	
	Weight			kg	37	37	38	38	40	40
	Air Volume	Low	m ³ /min.	22.0	22.0	23.0	23.0	24.0	24.0	
		Mid2	m ³ /min.	24.0	24.0	25.0	25.0	26.0	26.0	
		Mid	m ³ /min.	26.0	26.0	27.0	27.0	29.0	29.0	
		Hi	m ³ /min.	28.0	28.0	29.0	29.0	32.0	32.0	
	External Static Pressure			Pa	-	-	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	37	37	39	39	41	41	
		Mid2	dB(A)	39	39	41	41	43	43	
		Mid	dB(A)	41	41	43	43	45	45	
		Hi	dB(A)	43	43	45	45	48	48	
	Sound Level (PWL)	Cooling		63	63	65	65	68	68	
	Outdoor Unit	Dimensions	Height	mm	981	981	981	981	981	981
Width			mm	1050	1050	1050	1050	1050	1050	
Depth			mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
Weight			kg	76	78	84	85	84	85	
Air Volume		Cooling	Rated	m ³ /min.	79	79	86	86	86	86
		Heating	Rated	m ³ /min.	79	79	92	92	92	92
Sound Level (SPL)		Cooling	Rated	dB(A)	51	51	54	54	55	55
			Silent	dB(A)	49	49	52	52	53	53
		Heating	Rated	dB(A)	54	54	56	56	57	57
Sound Level (PWL)		Cooling		70	70	72	72	73	73	
Operating Current(max)			A	20	11.5	26.5	11.5	30	11.5	
Breaker Size			A	32	16	32	16	40	16	
Ext. Piping		Diameter	Liquid	mm	9.52	9.52	9.52	9.52	9.52	9.52
	Gas		mm	15.88	15.88	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	55	55	65	65	65	65	
	Max. Height	Out-In	Below Indoor	m	30	30	30	30	30	30
			Above Indoor	m	30	30	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	
		Heating	Upper Limit.	°C	21	21	21	21	21	
			Lower Limit.	°C	-15	-15	-15	-15	-15	

CEILING-SUSPENDED SPECIFICATIONS

A.3.1.2 R410A type
1.Power Inverter SERIES

CEILING-SUSPENDED SPECIFICATIONS

Model Name		Indoor Unit	PCA-M35KA	PCA-M50KA	PCA-M60KA	PCA-M71KA	PCA-M100KA	PCA-M100KA		
		Outdoor Unit	PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3		
Power Supply	Source		Outdoor power supply							
	Out	V	230	230	230	230	230	400		
		Phase	Single	Single	Single	Single	Single	3		
		Hz	50	50	50	50	50	50		
	In	V	-	-	-	-	-	-		
Phase		-	-	-	-	-	-			
Hz		-	-	-	-	-	-			
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	
		Max.	kW	4.5	5.6	6.7	8.1	11.4	11.4	
		Min.	kW	1.6	2.3	2.7	3.3	4.9	4.9	
	SHF	Rated		0.88	0.79	0.81	0.76	0.77	0.77	
	Total Input	Rated	kW	0.86	1.34	1.66	1.82	2.42	2.42	
	EER			4.19	3.73	3.67	3.90	3.90	3.90	
	Annual Electricity Consumption	kWh/a		202	283	340	367	542	553	
	SEER			6.2	6.1	6.2	6.7	6.1	6.0	
Heating	Capacity	Rated	kW	4.1	5.5	7.0	8.0	11.2	11.2	
		Max.	kW	5.2	6.6	8.2	10.2	14.0	14.0	
		Min.	kW	1.6	2.5	2.8	3.5	4.5	4.5	
	Total Input	Rated	kW	1.02	1.45	1.93	2.20	3.04	3.04	
	COP			4.02	3.79	3.63	3.64	3.68	3.68	
	Annual Electricity Consumption	kWh/a		815	1257	1458	1519	2837	2837	
	SCOP			4.1	4.2	4.3	4.3	3.9	3.9	
		Energy efficiency class		A+	A+	A+	A+	A	A	
Operating Current(max)			A	13.3	13.4	19.4	19.4	27.2	8.7	
Indoor Unit	Input	Rated	kW	0.040	0.050	0.060	0.060	0.090	0.090	
		Operating Current(max)	A	0.29	0.37	0.39	0.42	0.65	0.65	
	Dimensions	Height	mm	230	230	230	230	230	230	
		Width	mm	960	960	1280	1280	1600	1600	
		Depth	mm	680	680	680	680	680	680	
	Weight		kg	25	26	32	32	37	37	
	Air Volume	Low	m³/min.	10.0	10.0	15.0	16.0	22.0	22.0	
		Mid2	m³/min.	11.0	11.0	16.0	17.0	24.0	24.0	
		Mid	m³/min.	12.0	13.0	17.0	18.0	26.0	26.0	
		Hi	m³/min.	14.0	15.0	19.0	20.0	28.0	28.0	
	External Static Pressure		Pa	-	-	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	31	32	33	35	37	37	
		Mid2	dB(A)	33	34	35	37	39	39	
		Mid	dB(A)	36	37	37	39	41	41	
		Hi	dB(A)	39	40	40	41	43	43	
Sound Level (PWL)	Cooling		60	60	60	62	63	63		
Outdoor Unit	Dimensions	Height	mm	630	630	943	943	1338	1338	
		Width	mm	809	809	950	950	1050	1050	
		Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)	330 (+40)	330 (+40)	
	Weight		kg	43	46	70	70	116	123	
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0	110.0	110.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47	49	49
		Heating	Rated	dB(A)	41	41	44	44	46	46
	Sound Level (PWL)	Cooling			65	65	67	67	69	69
		Heating			65	65	67	67	69	69
	Operating Current(max)			A	13.0	13.0	19.0	19.0	26.5	8.0
	Breaker Size			A	16	16	25	25	32	16
	Ext. Piping	Diameter	Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
			Gas	mm	12.7	12.7	15.88	15.88	15.88	15.88
		Max. Length	Out-In	m	50	50	50	50	75	75
Max. Height		Out-In	Below Indoor	m	30	30	30	30	30	30
		Out-In	Above Indoor	m	30	30	30	30	30	30
Guranteed Operation Range	Cooling	Upper Limit.	°C	46	46	46	46	46	46	
		Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	21	21	
		Lower Limit.	°C	-11	-11	-20	-20	-20	-20	

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

Model Name	Indoor Unit			PCA-M125KA	PCA-M125KA	PCA-M140KA	PCA-M140KA		
	Outdoor Unit			PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3		
Power Supply	Out			Source	Outdoor power supply				
				V	230	400	230	400	
	In			Phase	Single	3	Single	3	
				Hz	50	50	50	50	
				V	-	-	-	-	
Refrigerant			Phase	-	-	-	-		
			Hz	-	-	-	-		
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4		
		Max.	kW	14.0	14.0	15.0	15.0		
		Min.	kW	5.5	5.5	6.2	6.2		
	SHF	Rated		0.72	0.72	0.72	0.72		
	Total Input	Rated	kW	3.98	3.98	3.95	3.95		
	EER			3.14	3.14	3.39	3.39		
	Annual Electricity Consumption		kWh/a	-	-	-	-		
	SEER			-	-	-	-		
	Energy efficiency class			-	-	-	-		
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0	
Max.			kW	16.0	16.0	18.0	18.0		
Min.			kW	5.0	5.0	5.7	5.7		
Total Input		Rated	kW	3.80	3.80	4.57	4.57		
COP				3.68	3.68	3.50	3.50		
Annual Electricity Consumption		kWh/a	-	-	-	-			
SCOP			-	-	-	-			
Energy efficiency class			-	-	-	-			
Operating Current(max)			A	27.3	10.3	28.9	13.9		
Indoor Unit	Input	Rated	kW	0.110	0.110	0.140	0.140		
		Operating Current(max)	A	0.76	0.76	0.90	0.90		
	Dimensions		Height	mm	230	230	230	230	
			Width	mm	1600	1600	1600	1600	
			Depth	mm	680	680	680	680	
	Weight			kg	38	38	40	40	
	Air Volume		Low	m³/min.	23.0	23.0	24.0	24.0	
			Mid2	m³/min.	25.0	25.0	26.0	26.0	
			Mid	m³/min.	27.0	27.0	29.0	29.0	
			Hi	m³/min.	29.0	29.0	32.0	32.0	
	External Static Pressure			Pa	-	-	-	-	
	Sound Level (SPL)		Low	dB(A)	39	39	41	41	
			Mid2	dB(A)	41	41	43	43	
			Mid	dB(A)	43	43	45	45	
			Hi	dB(A)	45	45	48	48	
Sound Level (PWL)	Cooling			65	65	68	68		
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338	
			Width	mm	1050	1050	1050	1050	
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight			kg	116	125	118	131	
	Air Volume		Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
			Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	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			70	70	70	70	
	Operating Current(max)			A	26.5	9.5	28.0	13.0	
	Breaker Size			A	32	16	40	16	
Ext. Piping	Diameter		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		Below Indoor	m	30	30	30	30	
			Above Indoor	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21		
		Lower Limit.	°C	-20	-20	-20	-20		

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

CEILING-SUSPENDED
SPECIFICATIONS

2. Standard Inverter SERIES

Model Name	Indoor Unit			PCA-M35KA	PCA-M50KA	PCA-M60KA	PCA-M71KA	
	Outdoor Unit			SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60KA6	SUZ-KA71VA6	
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		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	3.6	5.0	5.7	7.1	
		Max.	kW	3.9	5.6	6.3	8.1	
		Min.	kW	1.4	2.3	2.3	2.8	
	SHF	Rated		0.88	0.79	0.81	0.76	
	Total Input	Rated	kW	1.050	1.550	1.720	2.080	
	EER			3.43	3.23	3.31	3.41	
	Annual Electricity Consumption		kWh/a	209	296	325	409	
	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
Max.			kW	5.0	6.6	8.0	10.2	
Min.			kW	1.7	1.7	2.5	2.6	
Total Input		Rated	kW	1.050	1.520	1.910	2.180	
COP				3.90	3.62	3.61	3.62	
Annual Electricity Consumption			kWh/a	887	1398	1678	2028	
SCOP				4.1	4.0	4.0	4.3	
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)			A	8.5	12.4	14.4	16.5	
Indoor Unit	Input	Rated	kW	0.040	0.050	0.060	0.060	
		Operating Current(max)	A	0.29	0.37	0.39	0.42	
	Dimensions	Height	mm	230	230	230	230	
		Width	mm	960	960	1280	1280	
		Depth	mm	680	680	680	680	
	Weight		kg	25	26	32	32	
	Air Volume	Low	m ³ /min.	10.0	10.0	15.0	16.0	
		Mid2	m ³ /min.	11.0	11.0	16.0	17.0	
		Mid	m ³ /min.	12.0	13.0	17.0	18.0	
		Hi	m ³ /min.	14.0	15.0	19.0	20.0	
	External Static Pressure		Pa	-	-	-	-	
	Sound Level (SPL)	Low	dB(A)	31	32	33	35	
		Mid2	dB(A)	33	34	35	37	
		Mid	dB(A)	36	37	37	39	
		Hi	dB(A)	39	40	40	41	
Sound Level (PWL)	Cooling		60	60	60	62		
Outdoor Unit	Dimensions	Height	mm	550	880	880	880	
		Width	mm	800	840	840	840	
		Depth	mm	285	330	330	330	
	Weight		kg	35	54	50	53	
	Air Volume	Cooling	Rated	m ³ /min.	36.3	44.6	40.9	50.1
		Heating	Rated	m ³ /min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling		62	65	65	69	
	Operating Current(max)			A	8.2	12.0	14.0	16.1
	Breaker Size			A	10	20	20	20
	Ext. Piping	Diameter	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	Below Indoor	m	12	30	30	30
			Above Indoor	m	12	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
		Lower Limit.	°C	-10	-15	-15	-15	
	Heating	Upper Limit.	°C	24	24	24	24	
		Lower Limit.	°C	-10	-10	-10	-10	

Model Name	Indoor Unit			PCA-M100KA	PCA-M125KA	PCA-M140KA	PCA-M100KA	PCA-M125KA	PCA-M140KA	
	Outdoor Unit			PUHZ-P100VKA	PUHZ-P125VKA	PUHZ-P140VKA	PUHZ-P100YKA	PUHZ-P125YKA	PUHZ-P140YKA	
Power Supply	Source			Outdoor power supply			Outdoor power supply			
	Out	V			230	230	230	400	400	400
		Phase			Single	Single	Single	3	3	3
		Hz			50	50	50	50	50	50
	In	V			-	-	-	-	-	-
		Phase			-	-	-	-	-	-
Hz			-	-	-	-	-	-		
Refrigerant				R410A	R410A	R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	9.4	12.1	13.6	9.4	12.1	13.6	
		Max.	kW	10.6	13.0	14.1	10.6	13.0	14.1	
		Min.	kW	3.7	5.6	5.8	3.7	5.6	5.8	
	SHF	Rated		0.77	0.72	0.72	0.77	0.72	0.71	
	Total Input	Rated	kW	3.05	4.24	5.62	3.05	4.24	5.62	
	EER			3.08	2.85	2.41	3.08	2.85	2.41	
	Annual Electricity Consumption			kWh/a	586	-	-	586	-	-
	SEER			5.6	-	-	5.6	-	-	
	Energy efficiency class			A+	-	-	A+	-	-	
	Heating	Capacity	Rated	kW	11.2	13.5	15.0	11.2	13.5	15.0
Max.			kW	12.5	15.0	15.8	12.5	15.0	15.8	
Min.			kW	2.8	4.8	4.9	2.8	4.8	4.9	
Total Input		Rated	kW	3.37	4.06	4.47	3.87	4.06	4.47	
COP			3.32	3.32	3.35	3.32	3.32	3.35		
Annual Electricity Consumption			kWh/a	2726	-	-	2726	-	-	
SCOP			4.1	-	-	4.1	-	-		
Energy efficiency class			A+	-	-	A+	-	-		
Operating Current(max)				A	20.7	27.3	30.9	12.2	12.3	12.4
Indoor Unit	Input	Rated	kW	0.090	0.110	0.140	0.090	0.110	0.140	
		Operating Current(max)			A	0.65	0.76	0.90	0.65	0.76
	Dimensions	Height	mm	230	230	230	230	230	230	
		Width	mm	1600	1600	1600	1600	1600	1600	
		Depth	mm	680	680	680	680	680	680	
	Weight			kg	37	38	40	37	38	40
	Air Volume	Low	m³/min.	22.0	23.0	24.0	22.0	23.0	24.0	
		Mid2	m³/min.	24.0	25.0	26.0	24.0	25.0	26.0	
		Mid	m³/min.	26.0	27.0	29.0	26.0	27.0	29.0	
		Hi	m³/min.	28.0	29.0	32.0	28.0	29.0	32.0	
	External Static Pressure			Pa	-	-	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	37	39	41	37	39	41	
		Mid2	dB(A)	39	41	43	39	41	43	
		Mid	dB(A)	41	43	45	41	43	45	
		Hi	dB(A)	43	45	48	43	45	48	
Sound Level (PWL)	Cooling		63	65	68	63	65	68		
Outdoor Unit	Dimensions	Height	mm	981	981	981	981	981	981	
		Width	mm	1050	1050	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight			kg	76	84	84	78	85	85
	Air Volume	Cooling	Rated	m³/min.	79	86	86	79	86	86
		Heating	Rated	m³/min.	79	92	92	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	54	56	51	54	56
			Silent	dB(A)	49	52	54	49	52	54
		Heating	Rated	dB(A)	54	56	57	54	56	57
	Sound Level (PWL)	Cooling		70	72	75	70	72	75	
Operating Current(max)			A	20	26.5	30	11.5	11.5	11.5	
Breaker Size			A	32	32	40	16	16	16	
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	50	50	50	50	50	50	
	Max. Height	Out-In	Below Indoor	m	30	30	30	30	30	30
			Above Indoor	m	30	30	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	21	21	21	
		Lower Limit.	°C	-15	-15	-15	-15	-15	-15	

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

CEILING-SUSPENDED SPECIFICATIONS

3. Mr.Slim+

Model Name		Indoor Unit		PCA-M71KA		
		Outdoor Unit		PUHZ-FRP71VHA2		
Power Supply			Source	Outdoor power supply		
Out		V		230		
		Phase		Single		
In		Hz		50		
		V		-		
		Phase		-		
		Hz		-		
Refrigerant			R410A			
Cooling	Capacity	Rated	kW	7.1		
		Max.	kW	8.1		
		Min.	kW	3.3		
	SHF	Rated				-
	Total Input	Rated	kW	1.93		
	EER			3.67		
	Annual Electricity Consumption			kWh/a	384	
	SEER			6.4		
			Energy efficiency class			A++
Heating	Capacity	Rated	kW	8.0		
		Max.	kW	10.2		
		Min.	kW	3.5		
	Total Input	Rated	kW	2.28		
	COP			3.50		
	Annual Electricity Consumption			kWh/a	1556	
	SCOP			4.2		
				Energy efficiency class		
Operating Current(max)			A	16.5		
Indoor Unit	Input	Rated	kW	0.060		
		Operating Current(max)			A	0.42
	Dimensions		Height	mm	230	
			Width	mm	1280	
			Depth	mm	680	
	Weight				kg	32
	Air Volume		Low	m³/min.	16.0	
			Mid2	m³/min.	17.0	
			Mid	m³/min.	18.0	
			Hi	m³/min.	20.0	
	External Static Pressure			Pa	-	
	Sound Level (SPL)		Low	dB(A)	35	
			Mid2	dB(A)	37	
			Mid	dB(A)	39	
			Hi	dB(A)	41	
	Sound Level (PWL)	Cooling				62
Outdoor Unit	Dimensions		Height	mm	943	
			Width	mm	950	
			Depth	mm	330 (+30)	
	Weight				kg	73
	Air Volume		Cooling	Rated	m³/min.	50
			Heating	Rated	m³/min.	50
	Sound Level (SPL)		Cooling	Rated	dB(A)	47
				Silent	dB(A)	-
			Heating	Rated	dB(A)	49
	Sound Level (PWL)	Cooling				67
	Operating Current(max)			A	19.0	
Breaker Size			A	25		
Ext. Piping	Diameter		Liquid	mm	9.52	
			Gas	mm	15.88	
	Max. Length	Out-In	m	60		
	Max. Height		Out-In	Below Indoor	m	20
			Above Indoor	m	20	
Guranteed Operation Range	Out		Cooling	Upper Limit.	°C	46
				Lower Limit.	°C	-15*
	Heating		Upper Limit.	°C	21	
			Lower Limit.	°C	-20	

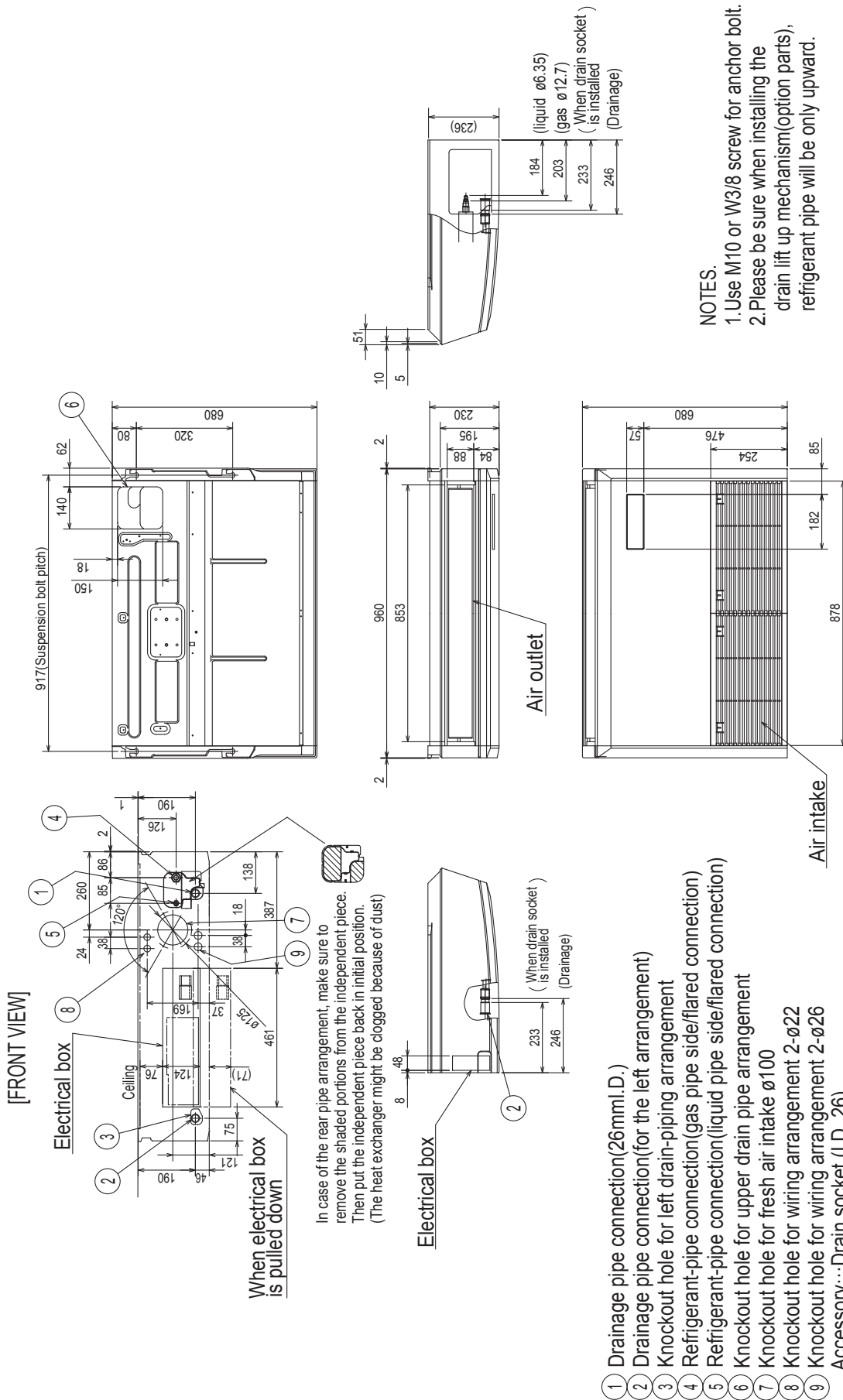
* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.3.2 OUTLINES AND DIMENSIONS

PCA-M35KA

PCA-M50KA

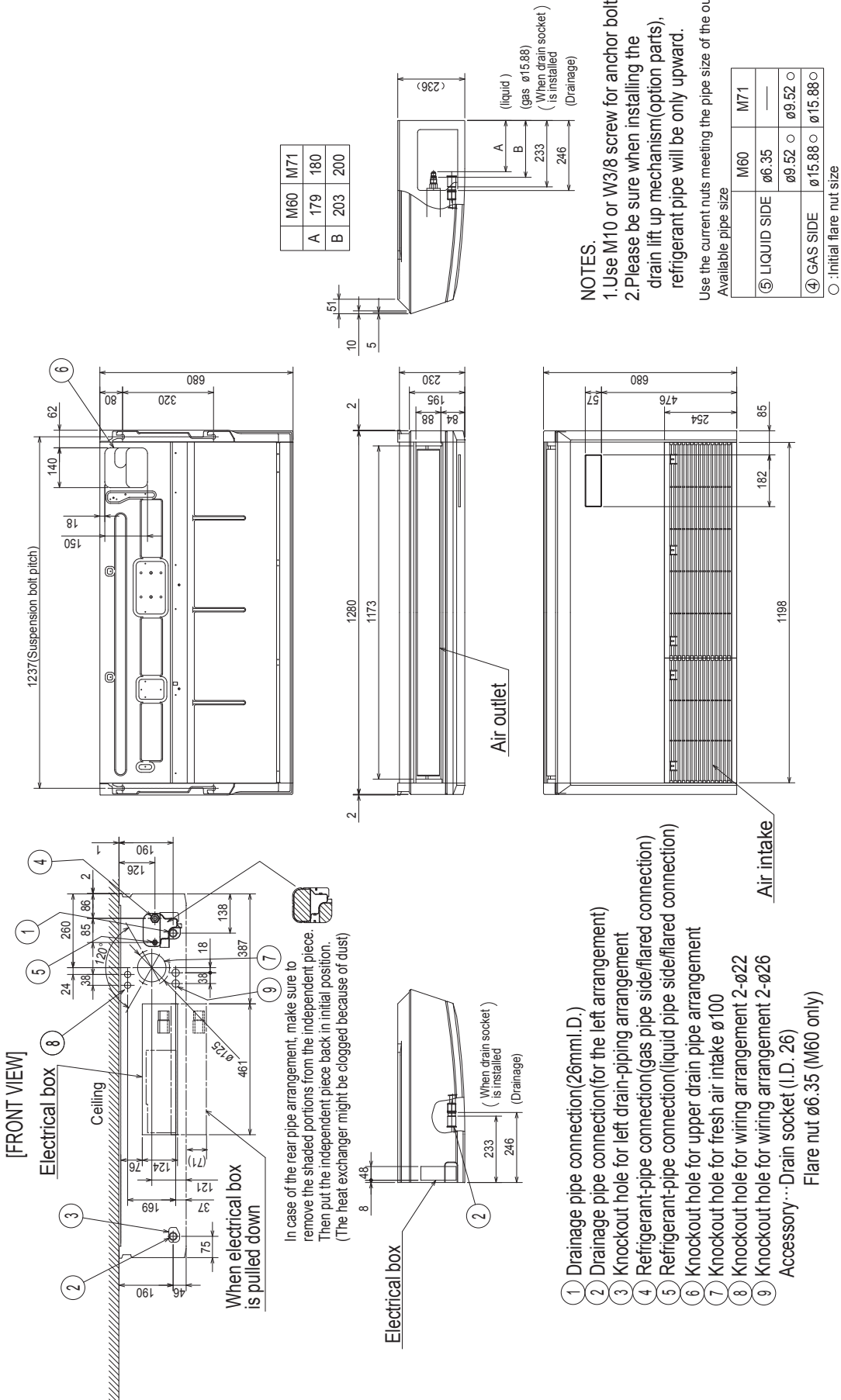
Unit : mm



PCA-M60KA
PCA-M71KA

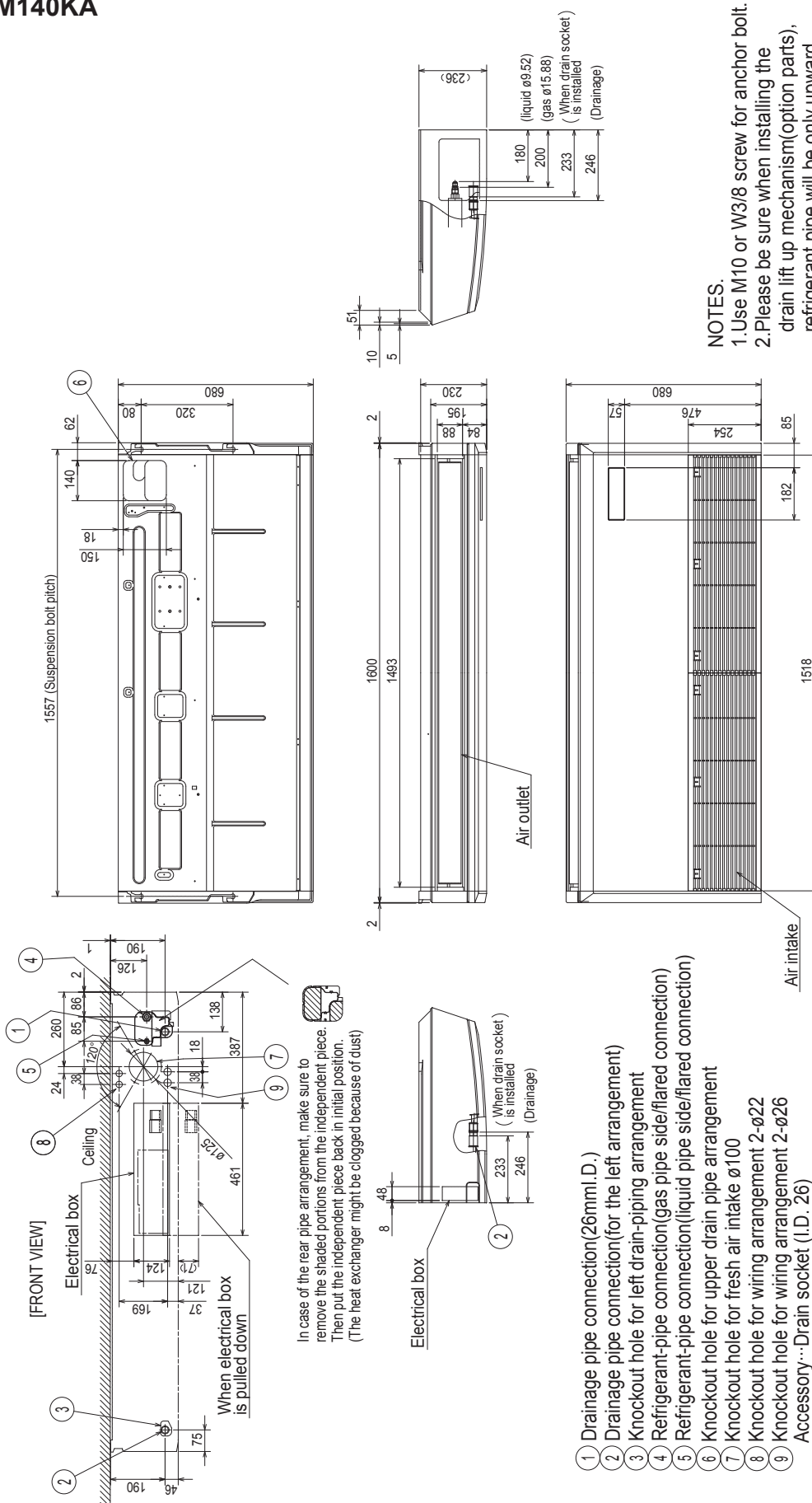
Unit : mm

CEILING-SUSPENDED
OUTLINES AND DIMENSIONS



PCA-M100KA
PCA-M125KA
PCA-M140KA

Unit : mm



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

- ① Drainage pipe connection (26mm I.D.)
 - ② Drainage pipe connection (for the left arrangement)
 - ③ Knockout hole for left drain-piping arrangement
 - ④ Refrigerant-pipe connection (gas pipe side/flared connection)
 - ⑤ Refrigerant-pipe connection (liquid pipe side/flared connection)
 - ⑥ Knockout hole for upper drain pipe arrangement
 - ⑦ Knockout hole for fresh air intake $\varnothing 100$
 - ⑧ Knockout hole for wiring arrangement 2- $\varnothing 22$
 - ⑨ Knockout hole for wiring arrangement 2- $\varnothing 26$
- Accessory... Drain socket (I.D. 26)

A.3.3 WIRING DIAGRAM

PCA-M35KA PCA-M100KA
 PCA-M50KA PCA-M125KA
 PCA-M60KA PCA-M140KA
 PCA-M71KA

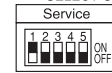
CEILING-SUSPENDED WIRING DIAGRAM

[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)
FUSE	FUSE (T6.3AL250V)	OPTION PARTS	
LED1	POWER SUPPLY (I.B)	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
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	CONNECTOR (EMERGENCY OPERATION)	SW1	EMERGENCY OPERATION (HEAT)
X1	RELAY (DRAIN PUMP)	SW2	EMERGENCY OPERATION (COOL)
R.B	WIRED REMOTE CONTROLLER BOARD	DP	DRAIN PUMP
DCL	REACTOR	FS	DRAIN FLOAT SWITCH
MF	FAN MOTOR		
MV	VANE MOTOR		
TB2	TERMINAL BLOCK (Indoor unit Power (option parts))		

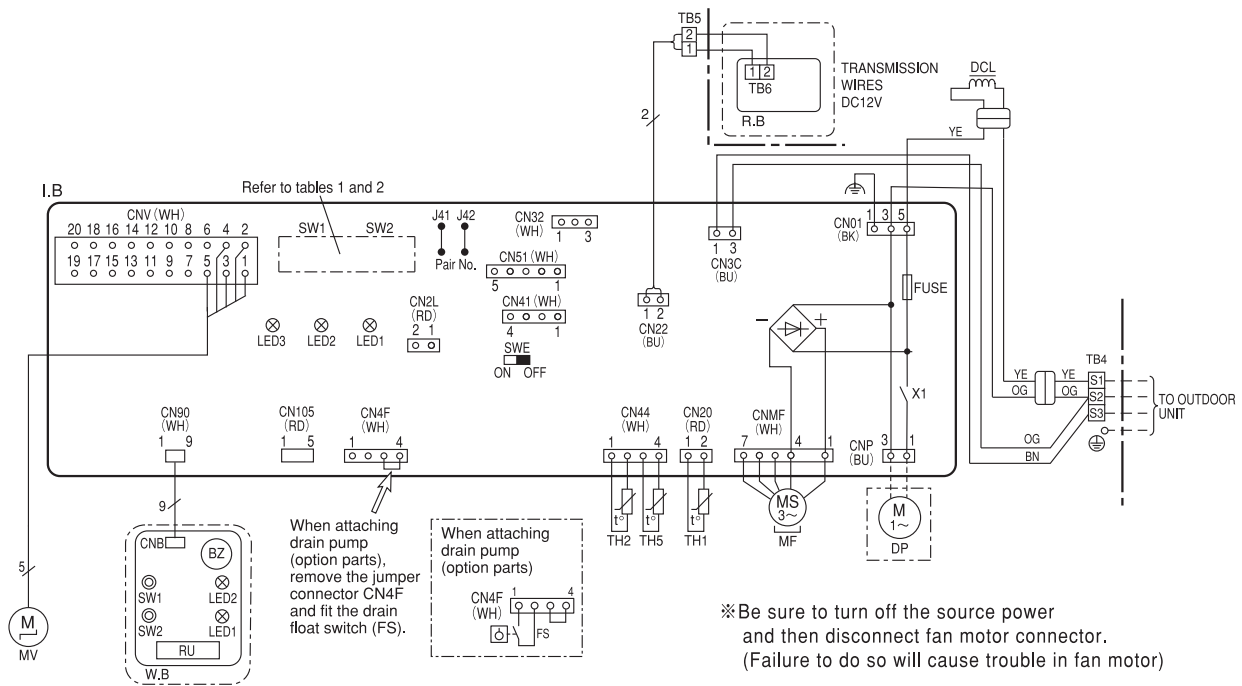
The black square (■) indicates a switch position.

(Table 1) SW1 (MODEL SELECTION)



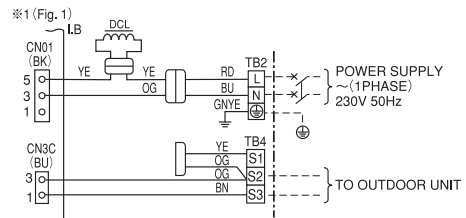
(Table 2) SW2 (CAPACITY CODE)

CAPACITY	Service	CAPACITY	Service	CAPACITY	Service
35		71		140	
50		100			
60		125			



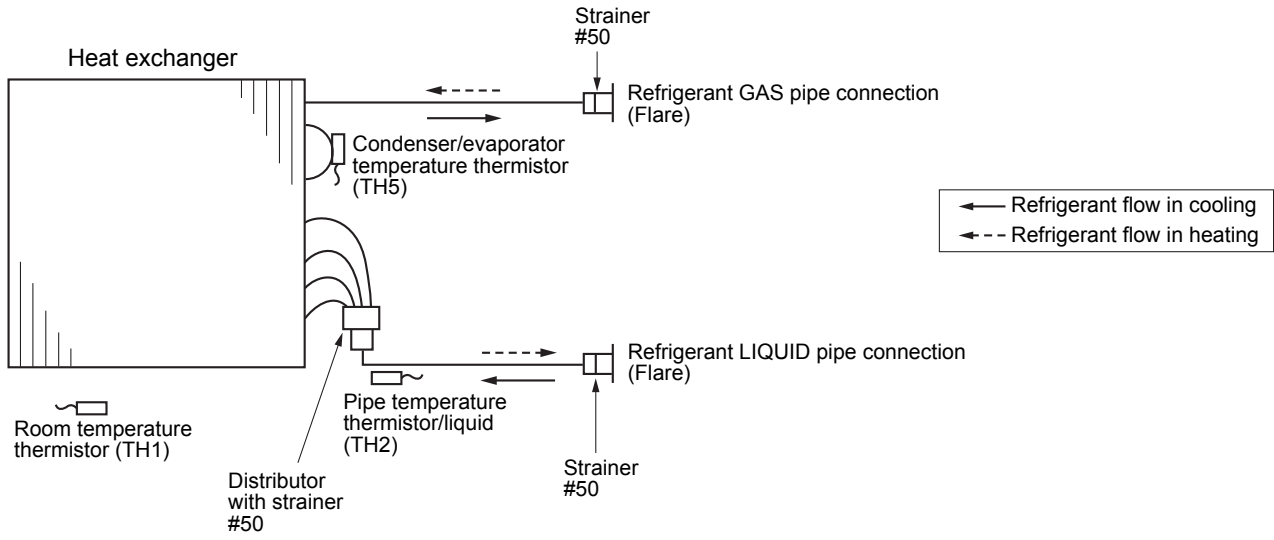
※Be sure to turn off the source power and then disconnect fan motor connector. (Failure to do so will cause trouble in fan motor)

- Notes: 1. Symbols used in wiring diagram above 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.
 ※2: For power supply system of this unit, refer to the caution label located near this diagram.



A.3.4 REFRIGERANT SYSTEM DIAGRAM

PCA-M35KA PCA-M100KA
 PCA-M50KA PCA-M125KA
 PCA-M60KA PCA-M140KA
 PCA-M71KA



CEILING-SUSPENDED

REFRIGERANT SYSTEM DIAGRAM

A.3.5 PERFORMANCE DATA

A.3.5.1 R32 type

COOLING CAPACITY

PCA-M35KA / PUZ-ZM35VKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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
34	22	4,032	3,951	0.98	0.854	3,888	3,810	0.98	0.920	3,672	3,599	0.98	0.978

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

COOLING CAPACITY
PCA-M50KA / PUZ-ZM50VKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	4,539	0.89	1.475

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

COOLING CAPACITY
PCA-M60KA / PUZ-ZM60VHA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	4,552	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	5,280	0.87	1.399
27	20	6,954	5,216	0.75	1.278	6,802	5,101	0.75	1.338	6,619	4,964	0.75	1.430
27	22	7,412	4,669	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	5,523	0.91	1.399
28	20	6,954	5,494	0.79	1.278	6,802	5,373	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	5,917	0.87	1.338	6,619	5,758	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	6,461	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	6,744	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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	1.688	6,222	5,662	0.91	1.795

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PCA-M71KA / PUZ-ZM71VHA**

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	3,235	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	3,958	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	4,945	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	5,510	0.78	1.683
26	20	8,094	5,342	0.66	1.536	7,917	5,225	0.66	1.610	7,704	5,084	0.66	1.719
26	22	8,627	4,658	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	5,392	0.70	1.719
27	22	8,627	5,003	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	6,075	0.86	1.683
28	20	8,094	5,990	0.74	1.536	7,917	5,858	0.74	1.610	7,704	5,701	0.74	1.719
28	22	8,627	5,348	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	6,933	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	7,758	0.98	1.610	7,704	7,549	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

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	2.030	7,242	6,228	0.86	2.158

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M100KA / PUZ-ZM100VKA PUZ-ZM100YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,301	0.67	1.854	9,120	6,110	0.67	1.958	8,835	5,919	0.67	2.074
20	18	10,070	5,539	0.55	1.888	9,785	5,382	0.55	1.993	9,453	5,199	0.55	2.132
20	20	10,830	4,657	0.43	1.946	10,593	4,555	0.43	2.039	10,308	4,432	0.43	2.178
22	16	9,405	7,054	0.75	1.854	9,120	6,840	0.75	1.958	8,835	6,626	0.75	2.074
22	18	10,070	6,344	0.63	1.888	9,785	6,165	0.63	1.993	9,453	5,955	0.63	2.132
22	20	10,830	5,523	0.51	1.946	10,593	5,402	0.51	2.039	10,308	5,257	0.51	2.178
24	16	9,405	7,806	0.83	1.854	9,120	7,570	0.83	1.958	8,835	7,333	0.83	2.074
24	18	10,070	7,150	0.71	1.888	9,785	6,947	0.71	1.993	9,453	6,711	0.71	2.132
24	20	10,830	6,390	0.59	1.946	10,593	6,250	0.59	2.039	10,308	6,081	0.59	2.178
24	22	11,543	5,425	0.47	1.993	11,305	5,313	0.47	2.108	11,020	5,179	0.47	2.247
26	16	9,405	8,559	0.91	1.854	9,120	8,299	0.91	1.958	8,835	8,040	0.91	2.074
26	18	10,070	7,955	0.79	1.888	9,785	7,730	0.79	1.993	9,453	7,467	0.79	2.132
26	20	10,830	7,256	0.67	1.946	10,593	7,097	0.67	2.039	10,308	6,906	0.67	2.178
26	22	11,543	6,348	0.55	1.993	11,305	6,218	0.55	2.108	11,020	6,061	0.55	2.247
27	16	9,405	8,935	0.95	1.854	9,120	8,664	0.95	1.958	8,835	8,393	0.95	2.074
27	18	10,070	8,358	0.83	1.888	9,785	8,122	0.83	1.993	9,453	7,846	0.83	2.132
27	20	10,830	7,689	0.71	1.946	10,593	7,521	0.71	2.039	10,308	7,318	0.71	2.178
27	22	11,543	6,810	0.59	1.993	11,305	6,670	0.59	2.108	11,020	6,502	0.59	2.247
28	16	9,405	9,311	0.99	1.854	9,120	9,029	0.99	1.958	8,835	8,747	0.99	2.074
28	18	10,070	8,761	0.87	1.888	9,785	8,513	0.87	1.993	9,453	8,224	0.87	2.132
28	20	10,830	8,123	0.75	1.946	10,593	7,944	0.75	2.039	10,308	7,731	0.75	2.178
28	22	11,543	7,272	0.63	1.993	11,305	7,122	0.63	2.108	11,020	6,943	0.63	2.247
30	16	9,405	9,405	1.00	1.854	9,120	9,120	1.00	1.958	8,835	8,835	1.00	2.074
30	18	10,070	9,567	0.95	1.888	9,785	9,296	0.95	1.993	9,453	8,980	0.95	2.132
30	20	10,830	8,989	0.83	1.946	10,593	8,792	0.83	2.039	10,308	8,555	0.83	2.178
30	22	11,543	8,195	0.71	1.993	11,305	8,027	0.71	2.108	11,020	7,824	0.71	2.247
32	16	9,405	9,405	1.00	1.854	9,120	9,120	1.00	1.958	8,835	8,835	1.00	2.074
32	18	10,070	10,070	1.00	1.888	9,785	9,785	1.00	1.993	9,453	9,453	1.00	2.132
32	20	10,830	9,855	0.91	1.946	10,593	9,639	0.91	2.039	10,308	9,380	0.91	2.178
32	22	11,543	9,119	0.79	1.993	11,305	8,931	0.79	2.108	11,020	8,706	0.79	2.247
34	16	9,405	9,405	1.00	1.854	9,120	9,120	1.00	1.958	8,835	8,835	1.00	2.074
34	18	10,070	10,070	1.00	1.888	9,785	9,785	1.00	1.993	9,453	9,453	1.00	2.132
34	20	10,830	10,722	0.99	1.946	10,593	10,487	0.99	2.039	10,308	10,204	0.99	2.178
34	22	11,543	10,042	0.87	1.993	11,305	9,835	0.87	2.108	11,020	9,587	0.87	2.247

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,665	0.67	2.224	8,075	5,410	0.67	2.387	7,695	5,156	0.67	2.583
20	18	9,120	5,016	0.55	2.282	8,835	4,859	0.55	2.456	8,265	4,546	0.55	2.641
20	20	9,880	4,248	0.43	2.340	9,500	4,085	0.43	2.502	8,930	3,840	0.43	2.688
22	16	8,455	6,341	0.75	2.224	8,075	6,056	0.75	2.387	7,695	5,771	0.75	2.583
22	18	9,120	5,746	0.63	2.282	8,835	5,566	0.63	2.456	8,265	5,207	0.63	2.641
22	20	9,880	5,039	0.51	2.340	9,500	4,845	0.51	2.502	8,930	4,554	0.51	2.688
24	16	8,455	7,018	0.83	2.224	8,075	6,702	0.83	2.387	7,695	6,387	0.83	2.583
24	18	9,120	6,475	0.71	2.282	8,835	6,273	0.71	2.456	8,265	5,868	0.71	2.641
24	20	9,880	5,829	0.59	2.340	9,500	5,605	0.59	2.502	8,930	5,269	0.59	2.688
24	22	10,640	5,001	0.47	2.387	10,260	4,822	0.47	2.572	9,690	4,554	0.47	2.734
26	16	8,455	7,694	0.91	2.224	8,075	7,348	0.91	2.387	7,695	7,002	0.91	2.583
26	18	9,120	7,205	0.79	2.282	8,835	6,980	0.79	2.456	8,265	6,529	0.79	2.641
26	20	9,880	6,620	0.67	2.340	9,500	6,365	0.67	2.502	8,930	5,983	0.67	2.688
26	22	10,640	5,852	0.55	2.387	10,260	5,643	0.55	2.572	9,690	5,330	0.55	2.734
27	16	8,455	8,032	0.95	2.224	8,075	7,671	0.95	2.387	7,695	7,310	0.95	2.583
27	18	9,120	7,570	0.83	2.282	8,835	7,333	0.83	2.456	8,265	6,860	0.83	2.641
27	20	9,880	7,015	0.71	2.340	9,500	6,745	0.71	2.502	8,930	6,340	0.71	2.688
27	22	10,640	6,278	0.59	2.387	10,260	6,053	0.59	2.572	9,690	5,717	0.59	2.734
28	16	8,455	8,370	0.99	2.224	8,075	7,994	0.99	2.387	7,695	7,618	0.99	2.583
28	18	9,120	7,934	0.87	2.282	8,835	7,686	0.87	2.456	8,265	7,191	0.87	2.641
28	20	9,880	7,410	0.75	2.340	9,500	7,125	0.75	2.502	8,930	6,698	0.75	2.688
28	22	10,640	6,703	0.63	2.387	10,260	6,464	0.63	2.572	9,690	6,105	0.63	2.734
30	16	8,455	8,455	1.00	2.224	8,075	8,075	1.00	2.387	7,695	7,695	1.00	2.583
30	18	9,120	8,664	0.95	2.282	8,835	8,393	0.95	2.456	8,265	7,852	0.95	2.641
30	20	9,880	8,200	0.83	2.340	9,500	7,885	0.83	2.502	8,930	7,412	0.83	2.688
30	22	10,640	7,554	0.71	2.387	10,260	7,285	0.71	2.572	9,690	6,880	0.71	2.734
32	16	8,455	8,455	1.00	2.224	8,075	8,075	1.00	2.387	7,695	7,695	1.00	2.583
32	18	9,120	9,120	1.00	2.282	8,835	8,835	1.00	2.456	8,265	8,265	1.00	2.641
32	20	9,880	8,991	0.91	2.340	9,500	8,645	0.91	2.502	8,930	8,126	0.91	2.688
32	22	10,640	8,406	0.79	2.387	10,260	8,105	0.79	2.572	9,690	7,655	0.79	2.734
34	16	8,455	8,455	1.00	2.224	8,075	8,075	1.00	2.387	7,695	7,695	1.00	2.583
34	18	9,120	9,120	1.00	2.282	8,835	8,835	1.00	2.456	8,265	8,265	1.00	2.641
34	20	9,880	9,781	0.99	2.340	9,500	9,405	0.99	2.502	8,930	8,841	0.99	2.688
34	22	10,640	9,257	0.87	2.387	10,260	8,926	0.87	2.572	9,690	8,430	0.87	2.734

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

COOLING CAPACITY
PCA-M125KA / PUZ-ZM125VKA PUZ-ZM125YKA

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (20, 25, 30) with sub-columns for CA, SHC (W), SHF, and P.C. It contains performance data for various indoor temperature and humidity conditions.

CEILING-SUSPENDED PERFORMANCE DATA

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (35, 40, 45) with sub-columns for CA, SHC (W), SHF, and P.C. It contains performance data for various indoor temperature and humidity conditions.

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

COOLING CAPACITY
PCA-M140KA / PUZ-ZM140VKA PUZ-ZM140YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	12,864	1.00	3.882	12,462	12,462	1.00	4.177	11,658	11,658	1.00	4.493
34	20	13,936	13,100	0.94	3.980	13,400	12,596	0.94	4.256	12,596	11,840	0.94	4.572
34	22	15,008	12,307	0.82	4.059	14,472	11,867	0.82	4.375	13,668	11,208	0.82	4.650

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

**COOLING CAPACITY
PCA-M35KA / SUZ-M35VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	2,268	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	4,315	1.02	0.720	4,050	4,131	1.02	0.756	3,888	3,966	1.02	0.792	3,744	3,819	1.02	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	4,484	1.06	0.720	4,050	4,293	1.06	0.756	3,888	4,121	1.06	0.792	3,744	3,969	1.06	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	4,653	1.10	0.720	4,050	4,455	1.10	0.756	3,888	4,277	1.10	0.792	3,744	4,118	1.10	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	4,822	1.14	0.720	4,050	4,617	1.14	0.756	3,888	4,432	1.14	0.792	3,744	4,268	1.14	0.828
32	20	4,410	4,498	1.02	0.756	4,230	4,315	1.02	0.801	4,104	4,186	1.02	0.819	3,960	4,039	1.02	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

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-SUSPENDED
PERFORMANCE DATA

COOLING CAPACITY
PCA-M35KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
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	3,599	1.02	0.882	3,240	3,305	1.02	0.936	2,988	3,048	1.02	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	3,740	1.06	0.882	3,240	3,434	1.06	0.936	2,988	3,167	1.06	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	3,881	1.10	0.882	3,240	3,564	1.10	0.936	2,988	3,287	1.10	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	4,022	1.14	0.882	3,240	3,694	1.14	0.936	2,988	3,406	1.14	0.972
32	20	3,708	3,782	1.02	0.918	3,456	3,525	1.02	0.963	3,204	3,268	1.02	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 (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M50KA / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
21	18	5,875	3,584	0.61	1.208	5,625	3,431	0.61	1.268	5,400	3,294	0.61	1.329	5,200	3,172	0.61	1.389
21	20	6,125	3,001	0.49	1.268	5,875	2,879	0.49	1.344	5,700	2,793	0.49	1.374	5,500	2,695	0.49	1.435
22	18	5,875	3,819	0.65	1.208	5,625	3,656	0.65	1.268	5,400	3,510	0.65	1.329	5,200	3,380	0.65	1.389
22	20	6,125	3,246	0.53	1.268	5,875	3,114	0.53	1.344	5,700	3,021	0.53	1.374	5,500	2,915	0.53	1.435
22	22	6,375	2,614	0.41	1.314	6,150	2,522	0.41	1.397	6,000	2,460	0.41	1.435	5,750	2,358	0.41	1.495
23	18	5,875	4,054	0.69	1.208	5,625	3,881	0.69	1.268	5,400	3,726	0.69	1.329	5,200	3,588	0.69	1.389
23	20	6,125	3,491	0.57	1.268	5,875	3,349	0.57	1.344	5,700	3,249	0.57	1.374	5,500	3,135	0.57	1.435
23	22	6,375	2,869	0.45	1.314	6,150	2,768	0.45	1.397	6,000	2,700	0.45	1.435	5,750	2,588	0.45	1.495
24	18	5,875	4,289	0.73	1.208	5,625	4,106	0.73	1.268	5,400	3,942	0.73	1.329	5,200	3,796	0.73	1.389
24	20	6,125	3,736	0.61	1.268	5,875	3,584	0.61	1.344	5,700	3,477	0.61	1.374	5,500	3,355	0.61	1.435
24	22	6,375	3,124	0.49	1.314	6,150	3,014	0.49	1.397	6,000	2,940	0.49	1.435	5,750	2,818	0.49	1.495
24	24	6,700	2,479	0.37	1.374	6,450	2,387	0.37	1.450	6,300	2,331	0.37	1.495	6,100	2,257	0.37	1.570
25	20	6,125	3,981	0.65	1.268	5,875	3,819	0.65	1.344	5,700	3,705	0.65	1.374	5,500	3,575	0.65	1.435
25	22	6,375	3,379	0.53	1.314	6,150	3,260	0.53	1.397	6,000	3,180	0.53	1.435	5,750	3,048	0.53	1.495
25	24	6,700	2,747	0.41	1.374	6,450	2,645	0.41	1.450	6,300	2,583	0.41	1.495	6,100	2,501	0.41	1.570
26	18	5,875	4,759	0.81	1.208	5,625	4,556	0.81	1.268	5,400	4,374	0.81	1.329	5,200	4,212	0.81	1.389
26	20	6,125	4,226	0.69	1.268	5,875	4,054	0.69	1.344	5,700	3,933	0.69	1.374	5,500	3,795	0.69	1.435
26	22	6,375	3,634	0.57	1.314	6,150	3,506	0.57	1.397	6,000	3,420	0.57	1.435	5,750	3,278	0.57	1.495
26	24	6,700	3,015	0.45	1.374	6,450	2,903	0.45	1.450	6,300	2,835	0.45	1.495	6,100	2,745	0.45	1.570
26	26	6,900	2,277	0.33	1.450	6,700	2,211	0.33	1.525	6,600	2,178	0.33	1.570	6,400	2,112	0.33	1.616
27	18	5,875	4,994	0.85	1.208	5,625	4,781	0.85	1.268	5,400	4,590	0.85	1.329	5,200	4,420	0.85	1.389
27	20	6,125	4,471	0.73	1.268	5,875	4,289	0.73	1.344	5,700	4,161	0.73	1.374	5,500	4,015	0.73	1.435
27	22	6,375	3,889	0.61	1.314	6,150	3,752	0.61	1.397	6,000	3,660	0.61	1.435	5,750	3,508	0.61	1.495
27	24	6,700	3,283	0.49	1.374	6,450	3,161	0.49	1.450	6,300	3,087	0.49	1.495	6,100	2,989	0.49	1.570
27	26	6,900	2,553	0.37	1.450	6,700	2,479	0.37	1.525	6,600	2,442	0.37	1.570	6,400	2,368	0.37	1.616
28	18	5,875	5,229	0.89	1.208	5,625	5,006	0.89	1.268	5,400	4,806	0.89	1.329	5,200	4,628	0.89	1.389
28	20	6,125	4,716	0.77	1.268	5,875	4,524	0.77	1.344	5,700	4,389	0.77	1.374	5,500	4,235	0.77	1.435
28	22	6,375	4,144	0.65	1.314	6,150	3,998	0.65	1.397	6,000	3,900	0.65	1.435	5,750	3,738	0.65	1.495
28	24	6,700	3,551	0.53	1.374	6,450	3,419	0.53	1.450	6,300	3,339	0.53	1.495	6,100	3,233	0.53	1.570
28	26	6,900	2,829	0.41	1.450	6,700	2,747	0.41	1.525	6,600	2,706	0.41	1.570	6,400	2,624	0.41	1.616
29	18	5,875	5,464	0.93	1.208	5,625	5,231	0.93	1.268	5,400	5,022	0.93	1.329	5,200	4,836	0.93	1.389
29	20	6,125	4,961	0.81	1.268	5,875	4,759	0.81	1.344	5,700	4,617	0.81	1.374	5,500	4,455	0.81	1.435
29	22	6,375	4,399	0.69	1.314	6,150	4,244	0.69	1.397	6,000	4,140	0.69	1.435	5,750	3,968	0.69	1.495
29	24	6,700	3,819	0.57	1.374	6,450	3,677	0.57	1.450	6,300	3,591	0.57	1.495	6,100	3,477	0.57	1.570
29	26	6,900	3,105	0.45	1.450	6,700	3,015	0.45	1.525	6,600	2,970	0.45	1.570	6,400	2,880	0.45	1.616
30	18	5,875	5,699	0.97	1.208	5,625	5,456	0.97	1.268	5,400	5,238	0.97	1.329	5,200	5,044	0.97	1.389
30	20	6,125	5,206	0.85	1.268	5,875	4,994	0.85	1.344	5,700	4,845	0.85	1.374	5,500	4,675	0.85	1.435
30	22	6,375	4,654	0.73	1.314	6,150	4,490	0.73	1.397	6,000	4,380	0.73	1.435	5,750	4,198	0.73	1.495
30	24	6,700	4,087	0.61	1.374	6,450	3,935	0.61	1.450	6,300	3,843	0.61	1.495	6,100	3,721	0.61	1.570
30	26	6,900	3,381	0.49	1.450	6,700	3,283	0.49	1.525	6,600	3,234	0.49	1.570	6,400	3,136	0.49	1.616
31	18	5,875	5,934	1.01	1.208	5,625	5,681	1.01	1.268	5,400	5,454	1.01	1.329	5,200	5,252	1.01	1.389
31	20	6,125	5,451	0.89	1.268	5,875	5,229	0.89	1.344	5,700	5,073	0.89	1.374	5,500	4,895	0.89	1.435
31	22	6,375	4,909	0.77	1.314	6,150	4,736	0.77	1.397	6,000	4,620	0.77	1.435	5,750	4,428	0.77	1.495
31	24	6,700	4,355	0.65	1.374	6,450	4,193	0.65	1.450	6,300	4,095	0.65	1.495	6,100	3,965	0.65	1.570
31	26	6,900	3,657	0.53	1.450	6,700	3,551	0.53	1.525	6,600	3,498	0.53	1.570	6,400	3,392	0.53	1.616
32	18	5,875	6,169	1.05	1.208	5,625	5,906	1.05	1.268	5,400	5,670	1.05	1.329	5,200	5,460	1.05	1.389
32	20	6,125	5,696	0.93	1.268	5,875	5,464	0.93	1.344	5,700	5,301	0.93	1.374	5,500	5,115	0.93	1.435
32	22	6,375	5,164	0.81	1.314	6,150	4,982	0.81	1.397	6,000	4,860	0.81	1.435	5,750	4,658	0.81	1.495
32	24	6,700	4,623	0.69	1.374	6,450	4,451	0.69	1.450	6,300	4,347	0.69	1.495	6,100	4,209	0.69	1.570
32	26	6,900	3,933	0.57	1.450	6,700	3,819	0.57	1.525	6,600	3,762	0.57	1.570	6,400	3,648	0.57	1.616

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-SUSPENDED
PERFORMANCE DATA

COOLING CAPACITY
PCA-M50KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
21	18	4,900	2,989	0.61	1.480	4,500	2,745	0.61	1.570	4,150	2,532	0.61	1.631
21	20	5,150	2,524	0.49	1.540	4,800	2,352	0.49	1.616	4,450	2,181	0.49	1.706
22	18	4,900	3,185	0.65	1.480	4,500	2,925	0.65	1.570	4,150	2,698	0.65	1.631
22	20	5,150	2,730	0.53	1.540	4,800	2,544	0.53	1.616	4,450	2,359	0.53	1.706
22	22	5,450	2,235	0.41	1.601	5,100	2,091	0.41	1.691	4,750	1,948	0.41	1.752
23	18	4,900	3,381	0.69	1.480	4,500	3,105	0.69	1.570	4,150	2,864	0.69	1.631
23	20	5,150	2,936	0.57	1.540	4,800	2,736	0.57	1.616	4,450	2,537	0.57	1.706
23	22	5,450	2,453	0.45	1.601	5,100	2,295	0.45	1.691	4,750	2,138	0.45	1.752
24	18	4,900	3,577	0.73	1.480	4,500	3,285	0.73	1.570	4,150	3,030	0.73	1.631
24	20	5,150	3,142	0.61	1.540	4,800	2,928	0.61	1.616	4,450	2,715	0.61	1.706
24	22	5,450	2,671	0.49	1.601	5,100	2,499	0.49	1.691	4,750	2,328	0.49	1.752
24	24	5,750	2,128	0.37	1.661	5,400	1,998	0.37	1.737	5,100	1,887	0.37	1.812
25	20	5,150	3,348	0.65	1.540	4,800	3,120	0.65	1.616	4,450	2,893	0.65	1.706
25	22	5,450	2,889	0.53	1.601	5,100	2,703	0.53	1.691	4,750	2,518	0.53	1.752
25	24	5,750	2,358	0.41	1.661	5,400	2,214	0.41	1.737	5,100	2,091	0.41	1.812
26	18	4,900	3,969	0.81	1.480	4,500	3,645	0.81	1.570	4,150	3,362	0.81	1.631
26	20	5,150	3,554	0.69	1.540	4,800	3,312	0.69	1.616	4,450	3,071	0.69	1.706
26	22	5,450	3,107	0.57	1.601	5,100	2,907	0.57	1.691	4,750	2,708	0.57	1.752
26	24	5,750	2,588	0.45	1.661	5,400	2,430	0.45	1.737	5,100	2,295	0.45	1.812
26	26	6,050	1,997	0.33	1.721	5,700	1,881	0.33	1.797	5,350	1,766	0.33	1.872
27	18	4,900	4,165	0.85	1.480	4,500	3,825	0.85	1.570	4,150	3,528	0.85	1.631
27	20	5,150	3,760	0.73	1.540	4,800	3,504	0.73	1.616	4,450	3,249	0.73	1.706
27	22	5,450	3,325	0.61	1.601	5,100	3,111	0.61	1.691	4,750	2,898	0.61	1.752
27	24	5,750	2,818	0.49	1.661	5,400	2,646	0.49	1.737	5,100	2,499	0.49	1.812
27	26	6,050	2,239	0.37	1.721	5,700	2,109	0.37	1.797	5,350	1,980	0.37	1.872
28	18	4,900	4,361	0.89	1.480	4,500	4,005	0.89	1.570	4,150	3,694	0.89	1.631
28	20	5,150	3,966	0.77	1.540	4,800	3,696	0.77	1.616	4,450	3,427	0.77	1.706
28	22	5,450	3,543	0.65	1.601	5,100	3,315	0.65	1.691	4,750	3,088	0.65	1.752
28	24	5,750	3,048	0.53	1.661	5,400	2,862	0.53	1.737	5,100	2,703	0.53	1.812
28	26	6,050	2,481	0.41	1.721	5,700	2,337	0.41	1.797	5,350	2,194	0.41	1.872
29	18	4,900	4,557	0.93	1.480	4,500	4,185	0.93	1.570	4,150	3,860	0.93	1.631
29	20	5,150	4,172	0.81	1.540	4,800	3,888	0.81	1.616	4,450	3,605	0.81	1.706
29	22	5,450	3,761	0.69	1.601	5,100	3,519	0.69	1.691	4,750	3,278	0.69	1.752
29	24	5,750	3,278	0.57	1.661	5,400	3,078	0.57	1.737	5,100	2,907	0.57	1.812
29	26	6,050	2,723	0.45	1.721	5,700	2,565	0.45	1.797	5,350	2,408	0.45	1.872
30	18	4,900	4,753	0.97	1.480	4,500	4,365	0.97	1.570	4,150	4,026	0.97	1.631
30	20	5,150	4,378	0.85	1.540	4,800	4,080	0.85	1.616	4,450	3,783	0.85	1.706
30	22	5,450	3,979	0.73	1.601	5,100	3,723	0.73	1.691	4,750	3,468	0.73	1.752
30	24	5,750	3,508	0.61	1.661	5,400	3,294	0.61	1.737	5,100	3,111	0.61	1.812
30	26	6,050	2,965	0.49	1.721	5,700	2,793	0.49	1.797	5,350	2,622	0.49	1.872
31	18	4,900	4,949	1.01	1.480	4,500	4,545	1.01	1.570	4,150	4,192	1.01	1.631
31	20	5,150	4,584	0.89	1.540	4,800	4,272	0.89	1.616	4,450	3,961	0.89	1.706
31	22	5,450	4,197	0.77	1.601	5,100	3,927	0.77	1.691	4,750	3,658	0.77	1.752
31	24	5,750	3,738	0.65	1.661	5,400	3,510	0.65	1.737	5,100	3,315	0.65	1.812
31	26	6,050	3,207	0.53	1.721	5,700	3,021	0.53	1.797	5,350	2,836	0.53	1.872
32	18	4,900	5,145	1.05	1.480	4,500	4,725	1.05	1.570	4,150	4,358	1.05	1.631
32	20	5,150	4,790	0.93	1.540	4,800	4,464	0.93	1.616	4,450	4,139	0.93	1.706
32	22	5,450	4,415	0.81	1.601	5,100	4,131	0.81	1.691	4,750	3,848	0.81	1.752
32	24	5,750	3,968	0.69	1.661	5,400	3,726	0.69	1.737	5,100	3,519	0.69	1.812
32	26	6,050	3,449	0.57	1.721	5,700	3,249	0.57	1.797	5,350	3,050	0.57	1.872

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M60KA / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
21	18	7,168	4,516	0.63	1.312	6,863	4,323	0.63	1.378	6,588	4,150	0.63	1.443	6,344	3,997	0.63	1.509
21	20	7,473	3,811	0.51	1.378	7,168	3,655	0.51	1.460	6,954	3,547	0.51	1.492	6,710	3,422	0.51	1.558
22	18	7,168	4,802	0.67	1.312	6,863	4,598	0.67	1.378	6,588	4,414	0.67	1.443	6,344	4,250	0.67	1.509
22	20	7,473	4,110	0.55	1.378	7,168	3,942	0.55	1.460	6,954	3,825	0.55	1.492	6,710	3,691	0.55	1.558
22	22	7,778	3,344	0.43	1.427	7,503	3,226	0.43	1.517	7,320	3,148	0.43	1.558	7,015	3,016	0.43	1.624
23	18	7,168	5,089	0.71	1.312	6,863	4,872	0.71	1.378	6,588	4,677	0.71	1.443	6,344	4,504	0.71	1.509
23	20	7,473	4,409	0.59	1.378	7,168	4,229	0.59	1.460	6,954	4,103	0.59	1.492	6,710	3,959	0.59	1.558
23	22	7,778	3,655	0.47	1.427	7,503	3,526	0.47	1.517	7,320	3,440	0.47	1.558	7,015	3,297	0.47	1.624
24	18	7,168	5,376	0.75	1.312	6,863	5,147	0.75	1.378	6,588	4,941	0.75	1.443	6,344	4,758	0.75	1.509
24	20	7,473	4,708	0.63	1.378	7,168	4,516	0.63	1.460	6,954	4,381	0.63	1.492	6,710	4,227	0.63	1.558
24	22	7,778	3,967	0.51	1.427	7,503	3,827	0.51	1.517	7,320	3,733	0.51	1.558	7,015	3,578	0.51	1.624
24	24	8,174	3,188	0.39	1.492	7,869	3,069	0.39	1.574	7,686	2,998	0.39	1.624	7,442	2,902	0.39	1.706
25	20	7,473	5,007	0.67	1.378	7,168	4,802	0.67	1.460	6,954	4,659	0.67	1.492	6,710	4,496	0.67	1.558
25	22	7,778	4,278	0.55	1.427	7,503	4,127	0.55	1.517	7,320	4,026	0.55	1.558	7,015	3,858	0.55	1.624
25	24	8,174	3,515	0.43	1.492	7,869	3,384	0.43	1.574	7,686	3,305	0.43	1.624	7,442	3,200	0.43	1.706
26	18	7,168	5,949	0.83	1.312	6,863	5,696	0.83	1.378	6,588	5,468	0.83	1.443	6,344	5,266	0.83	1.509
26	20	7,473	5,305	0.71	1.378	7,168	5,089	0.71	1.460	6,954	4,937	0.71	1.492	6,710	4,764	0.71	1.558
26	22	7,778	4,589	0.59	1.427	7,503	4,427	0.59	1.517	7,320	4,319	0.59	1.558	7,015	4,139	0.59	1.624
26	24	8,174	3,842	0.47	1.492	7,869	3,698	0.47	1.574	7,686	3,612	0.47	1.624	7,442	3,498	0.47	1.706
26	26	8,418	2,946	0.35	1.574	8,174	2,861	0.35	1.656	8,052	2,818	0.35	1.706	7,808	2,733	0.35	1.755
27	18	7,168	6,236	0.87	1.312	6,863	5,970	0.87	1.378	6,588	5,732	0.87	1.443	6,344	5,519	0.87	1.509
27	20	7,473	5,604	0.75	1.378	7,168	5,376	0.75	1.460	6,954	5,216	0.75	1.492	6,710	5,033	0.75	1.558
27	22	7,778	4,900	0.63	1.427	7,503	4,727	0.63	1.517	7,320	4,612	0.63	1.558	7,015	4,419	0.63	1.624
27	24	8,174	4,169	0.51	1.492	7,869	4,013	0.51	1.574	7,686	3,920	0.51	1.624	7,442	3,795	0.51	1.706
27	26	8,418	3,283	0.39	1.574	8,174	3,188	0.39	1.656	8,052	3,140	0.39	1.706	7,808	3,045	0.39	1.755
28	18	7,168	6,522	0.91	1.312	6,863	6,245	0.91	1.378	6,588	5,995	0.91	1.443	6,344	5,773	0.91	1.509
28	20	7,473	5,903	0.79	1.378	7,168	5,662	0.79	1.460	6,954	5,494	0.79	1.492	6,710	5,301	0.79	1.558
28	22	7,778	5,211	0.67	1.427	7,503	5,027	0.67	1.517	7,320	4,904	0.67	1.558	7,015	4,700	0.67	1.624
28	24	8,174	4,496	0.55	1.492	7,869	4,328	0.55	1.574	7,686	4,227	0.55	1.624	7,442	4,093	0.55	1.706
28	26	8,418	3,620	0.43	1.574	8,174	3,515	0.43	1.656	8,052	3,462	0.43	1.706	7,808	3,357	0.43	1.755
29	18	7,168	6,809	0.95	1.312	6,863	6,519	0.95	1.378	6,588	6,259	0.95	1.443	6,344	6,027	0.95	1.509
29	20	7,473	6,202	0.83	1.378	7,168	5,949	0.83	1.460	6,954	5,772	0.83	1.492	6,710	5,569	0.83	1.558
29	22	7,778	5,522	0.71	1.427	7,503	5,327	0.71	1.517	7,320	5,197	0.71	1.558	7,015	4,981	0.71	1.624
29	24	8,174	4,823	0.59	1.492	7,869	4,643	0.59	1.574	7,686	4,535	0.59	1.624	7,442	4,391	0.59	1.706
29	26	8,418	3,956	0.47	1.574	8,174	3,842	0.47	1.656	8,052	3,784	0.47	1.706	7,808	3,670	0.47	1.755
30	18	7,168	7,096	0.99	1.312	6,863	6,794	0.99	1.378	6,588	6,522	0.99	1.443	6,344	6,281	0.99	1.509
30	20	7,473	6,501	0.87	1.378	7,168	6,236	0.87	1.460	6,954	6,050	0.87	1.492	6,710	5,838	0.87	1.558
30	22	7,778	5,833	0.75	1.427	7,503	5,627	0.75	1.517	7,320	5,490	0.75	1.558	7,015	5,261	0.75	1.624
30	24	8,174	5,150	0.63	1.492	7,869	4,957	0.63	1.574	7,686	4,842	0.63	1.624	7,442	4,688	0.63	1.706
30	26	8,418	4,293	0.51	1.574	8,174	4,169	0.51	1.656	8,052	4,107	0.51	1.706	7,808	3,982	0.51	1.755
31	18	7,168	7,383	1.03	1.312	6,863	7,068	1.03	1.378	6,588	6,786	1.03	1.443	6,344	6,534	1.03	1.509
31	20	7,473	6,800	0.91	1.378	7,168	6,522	0.91	1.460	6,954	6,328	0.91	1.492	6,710	6,106	0.91	1.558
31	22	7,778	6,144	0.79	1.427	7,503	5,927	0.79	1.517	7,320	5,783	0.79	1.558	7,015	5,542	0.79	1.624
31	24	8,174	5,477	0.67	1.492	7,869	5,272	0.67	1.574	7,686	5,150	0.67	1.624	7,442	4,986	0.67	1.706
31	26	8,418	4,630	0.55	1.574	8,174	4,496	0.55	1.656	8,052	4,429	0.55	1.706	7,808	4,294	0.55	1.755
32	18	7,168	7,669	1.07	1.312	6,863	7,343	1.07	1.378	6,588	7,049	1.07	1.443	6,344	6,788	1.07	1.509
32	20	7,473	7,099	0.95	1.378	7,168	6,809	0.95	1.460	6,954	6,606	0.95	1.492	6,710	6,375	0.95	1.558
32	22	7,778	6,455	0.83	1.427	7,503	6,227	0.83	1.517	7,320	6,076	0.83	1.558	7,015	5,822	0.83	1.624
32	24	8,174	5,804	0.71	1.492	7,869	5,587	0.71	1.574	7,686	5,457	0.71	1.624	7,442	5,284	0.71	1.706
32	26	8,418	4,967	0.59	1.574	8,174	4,823	0.59	1.656	8,052	4,751	0.59	1.706	7,808	4,607	0.59	1.755

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-SUSPENDED
PERFORMANCE DATA

COOLING CAPACITY
PCA-M60KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
21	18	5,978	3,766	0.63	1.607	5,490	3,459	0.63	1.706	5,063	3,190	0.63	1.771
21	20	6,283	3,204	0.51	1.673	5,856	2,987	0.51	1.755	5,429	2,769	0.51	1.853
22	18	5,978	4,005	0.67	1.607	5,490	3,678	0.67	1.706	5,063	3,392	0.67	1.771
22	20	6,283	3,456	0.55	1.673	5,856	3,221	0.55	1.755	5,429	2,986	0.55	1.853
22	22	6,649	2,859	0.43	1.738	6,222	2,675	0.43	1.837	5,795	2,492	0.43	1.902
23	18	5,978	4,244	0.71	1.607	5,490	3,898	0.71	1.706	5,063	3,595	0.71	1.771
23	20	6,283	3,707	0.59	1.673	5,856	3,455	0.59	1.755	5,429	3,203	0.59	1.853
23	22	6,649	3,125	0.47	1.738	6,222	2,924	0.47	1.837	5,795	2,724	0.47	1.902
24	18	5,978	4,484	0.75	1.607	5,490	4,118	0.75	1.706	5,063	3,797	0.75	1.771
24	20	6,283	3,958	0.63	1.673	5,856	3,689	0.63	1.755	5,429	3,420	0.63	1.853
24	22	6,649	3,391	0.51	1.738	6,222	3,173	0.51	1.837	5,795	2,955	0.51	1.902
24	24	7,015	2,736	0.39	1.804	6,588	2,569	0.39	1.886	6,222	2,427	0.39	1.968
25	20	6,283	4,210	0.67	1.673	5,856	3,924	0.67	1.755	5,429	3,637	0.67	1.853
25	22	6,649	3,657	0.55	1.738	6,222	3,422	0.55	1.837	5,795	3,187	0.55	1.902
25	24	7,015	3,016	0.43	1.804	6,588	2,833	0.43	1.886	6,222	2,675	0.43	1.968
26	18	5,978	4,962	0.83	1.607	5,490	4,557	0.83	1.706	5,063	4,202	0.83	1.771
26	20	6,283	4,461	0.71	1.673	5,856	4,158	0.71	1.755	5,429	3,855	0.71	1.853
26	22	6,649	3,923	0.59	1.738	6,222	3,671	0.59	1.837	5,795	3,419	0.59	1.902
26	24	7,015	3,297	0.47	1.804	6,588	3,096	0.47	1.886	6,222	2,924	0.47	1.968
26	26	7,381	2,583	0.35	1.870	6,954	2,434	0.35	1.952	6,527	2,284	0.35	2.034
27	18	5,978	5,201	0.87	1.607	5,490	4,776	0.87	1.706	5,063	4,405	0.87	1.771
27	20	6,283	4,712	0.75	1.673	5,856	4,392	0.75	1.755	5,429	4,072	0.75	1.853
27	22	6,649	4,189	0.63	1.738	6,222	3,920	0.63	1.837	5,795	3,651	0.63	1.902
27	24	7,015	3,578	0.51	1.804	6,588	3,360	0.51	1.886	6,222	3,173	0.51	1.968
27	26	7,381	2,879	0.39	1.870	6,954	2,712	0.39	1.952	6,527	2,546	0.39	2.034
28	18	5,978	5,440	0.91	1.607	5,490	4,996	0.91	1.706	5,063	4,607	0.91	1.771
28	20	6,283	4,964	0.79	1.673	5,856	4,626	0.79	1.755	5,429	4,289	0.79	1.853
28	22	6,649	4,455	0.67	1.738	6,222	4,169	0.67	1.837	5,795	3,883	0.67	1.902
28	24	7,015	3,858	0.55	1.804	6,588	3,623	0.55	1.886	6,222	3,422	0.55	1.968
28	26	7,381	3,174	0.43	1.870	6,954	2,990	0.43	1.952	6,527	2,807	0.43	2.034
29	18	5,978	5,679	0.95	1.607	5,490	5,216	0.95	1.706	5,063	4,810	0.95	1.771
29	20	6,283	5,215	0.83	1.673	5,856	4,860	0.83	1.755	5,429	4,506	0.83	1.853
29	22	6,649	4,721	0.71	1.738	6,222	4,418	0.71	1.837	5,795	4,114	0.71	1.902
29	24	7,015	4,139	0.59	1.804	6,588	3,887	0.59	1.886	6,222	3,671	0.59	1.968
29	26	7,381	3,469	0.47	1.870	6,954	3,268	0.47	1.952	6,527	3,068	0.47	2.034
30	18	5,978	5,918	0.99	1.607	5,490	5,435	0.99	1.706	5,063	5,012	0.99	1.771
30	20	6,283	5,466	0.87	1.673	5,856	5,095	0.87	1.755	5,429	4,723	0.87	1.853
30	22	6,649	4,987	0.75	1.738	6,222	4,667	0.75	1.837	5,795	4,346	0.75	1.902
30	24	7,015	4,419	0.63	1.804	6,588	4,150	0.63	1.886	6,222	3,920	0.63	1.968
30	26	7,381	3,764	0.51	1.870	6,954	3,547	0.51	1.952	6,527	3,329	0.51	2.034
31	18	5,978	6,157	1.03	1.607	5,490	5,655	1.03	1.706	5,063	5,215	1.03	1.771
31	20	6,283	5,718	0.91	1.673	5,856	5,329	0.91	1.755	5,429	4,940	0.91	1.853
31	22	6,649	5,253	0.79	1.738	6,222	4,915	0.79	1.837	5,795	4,578	0.79	1.902
31	24	7,015	4,700	0.67	1.804	6,588	4,414	0.67	1.886	6,222	4,169	0.67	1.968
31	26	7,381	4,060	0.55	1.870	6,954	3,825	0.55	1.952	6,527	3,590	0.55	2.034
32	18	5,978	6,396	1.07	1.607	5,490	5,874	1.07	1.706	5,063	5,417	1.07	1.771
32	20	6,283	5,969	0.95	1.673	5,856	5,563	0.95	1.755	5,429	5,158	0.95	1.853
32	22	6,649	5,519	0.83	1.738	6,222	5,164	0.83	1.837	5,795	4,810	0.83	1.902
32	24	7,015	4,981	0.71	1.804	6,588	4,677	0.71	1.886	6,222	4,418	0.71	1.968
32	26	7,381	4,355	0.59	1.870	6,954	4,103	0.59	1.952	6,527	3,851	0.59	2.034

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PCA-M71KA / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
21	18	8,343	4,839	0.58	1.576	7,988	4,633	0.58	1.655	7,668	4,447	0.58	1.734	7,384	4,283	0.58	1.812
21	20	8,698	4,001	0.46	1.655	8,343	3,838	0.46	1.753	8,094	3,723	0.46	1.793	7,810	3,593	0.46	1.872
22	18	8,343	5,172	0.62	1.576	7,988	4,952	0.62	1.655	7,668	4,754	0.62	1.734	7,384	4,578	0.62	1.812
22	20	8,698	4,349	0.50	1.655	8,343	4,171	0.50	1.753	8,094	4,047	0.50	1.793	7,810	3,905	0.50	1.872
22	22	9,053	3,440	0.38	1.714	8,733	3,319	0.38	1.822	8,520	3,238	0.38	1.872	8,165	3,103	0.38	1.950
23	18	8,343	5,506	0.66	1.576	7,988	5,272	0.66	1.655	7,668	5,061	0.66	1.734	7,384	4,873	0.66	1.812
23	20	8,698	4,697	0.54	1.655	8,343	4,505	0.54	1.753	8,094	4,371	0.54	1.793	7,810	4,217	0.54	1.872
23	22	9,053	3,802	0.42	1.714	8,733	3,668	0.42	1.822	8,520	3,578	0.42	1.872	8,165	3,429	0.42	1.950
24	18	8,343	5,840	0.70	1.576	7,988	5,591	0.70	1.655	7,668	5,368	0.70	1.734	7,384	5,169	0.70	1.812
24	20	8,698	5,045	0.58	1.655	8,343	4,839	0.58	1.753	8,094	4,695	0.58	1.793	7,810	4,530	0.58	1.872
24	22	9,053	4,164	0.46	1.714	8,733	4,017	0.46	1.822	8,520	3,919	0.46	1.872	8,165	3,756	0.46	1.950
24	24	9,514	3,235	0.34	1.793	9,159	3,114	0.34	1.891	8,946	3,042	0.34	1.950	8,662	2,945	0.34	2.049
25	20	8,698	5,392	0.62	1.655	8,343	5,172	0.62	1.753	8,094	5,018	0.62	1.793	7,810	4,842	0.62	1.872
25	22	9,053	4,526	0.50	1.714	8,733	4,367	0.50	1.822	8,520	4,260	0.50	1.872	8,165	4,083	0.50	1.950
25	24	9,514	3,615	0.38	1.793	9,159	3,480	0.38	1.891	8,946	3,399	0.38	1.950	8,662	3,292	0.38	2.049
26	18	8,343	6,507	0.78	1.576	7,988	6,230	0.78	1.655	7,668	5,981	0.78	1.734	7,384	5,760	0.78	1.812
26	20	8,698	5,740	0.66	1.655	8,343	5,506	0.66	1.753	8,094	5,342	0.66	1.793	7,810	5,155	0.66	1.872
26	22	9,053	4,888	0.54	1.714	8,733	4,716	0.54	1.822	8,520	4,601	0.54	1.872	8,165	4,409	0.54	1.950
26	24	9,514	3,996	0.42	1.793	9,159	3,847	0.42	1.891	8,946	3,757	0.42	1.950	8,662	3,638	0.42	2.049
26	26	9,798	2,939	0.30	1.891	9,514	2,854	0.30	1.990	9,372	2,812	0.30	2.049	9,088	2,726	0.30	2.108
27	18	8,343	6,841	0.82	1.576	7,988	6,550	0.82	1.655	7,668	6,288	0.82	1.734	7,384	6,055	0.82	1.812
27	20	8,698	6,088	0.70	1.655	8,343	5,840	0.70	1.753	8,094	5,666	0.70	1.793	7,810	5,467	0.70	1.872
27	22	9,053	5,250	0.58	1.714	8,733	5,065	0.58	1.822	8,520	4,942	0.58	1.872	8,165	4,736	0.58	1.950
27	24	9,514	4,376	0.46	1.793	9,159	4,213	0.46	1.891	8,946	4,115	0.46	1.950	8,662	3,985	0.46	2.049
27	26	9,798	3,331	0.34	1.891	9,514	3,235	0.34	1.990	9,372	3,186	0.34	2.049	9,088	3,090	0.34	2.108
28	18	8,343	7,175	0.86	1.576	7,988	6,869	0.86	1.655	7,668	6,594	0.86	1.734	7,384	6,350	0.86	1.812
28	20	8,698	6,436	0.74	1.655	8,343	6,173	0.74	1.753	8,094	5,990	0.74	1.793	7,810	5,779	0.74	1.872
28	22	9,053	5,613	0.62	1.714	8,733	5,414	0.62	1.822	8,520	5,282	0.62	1.872	8,165	5,062	0.62	1.950
28	24	9,514	4,757	0.50	1.793	9,159	4,580	0.50	1.891	8,946	4,473	0.50	1.950	8,662	4,331	0.50	2.049
28	26	9,798	3,723	0.38	1.891	9,514	3,615	0.38	1.990	9,372	3,561	0.38	2.049	9,088	3,453	0.38	2.108
29	18	8,343	7,508	0.90	1.576	7,988	7,189	0.90	1.655	7,668	6,901	0.90	1.734	7,384	6,646	0.90	1.812
29	20	8,698	6,784	0.78	1.655	8,343	6,507	0.78	1.753	8,094	6,313	0.78	1.793	7,810	6,092	0.78	1.872
29	22	9,053	5,975	0.66	1.714	8,733	5,764	0.66	1.822	8,520	5,623	0.66	1.872	8,165	5,389	0.66	1.950
29	24	9,514	5,138	0.54	1.793	9,159	4,946	0.54	1.891	8,946	4,831	0.54	1.950	8,662	4,677	0.54	2.049
29	26	9,798	4,115	0.42	1.891	9,514	3,996	0.42	1.990	9,372	3,936	0.42	2.049	9,088	3,817	0.42	2.108
30	18	8,343	7,842	0.94	1.576	7,988	7,508	0.94	1.655	7,668	7,208	0.94	1.734	7,384	6,941	0.94	1.812
30	20	8,698	7,132	0.82	1.655	8,343	6,841	0.82	1.753	8,094	6,637	0.82	1.793	7,810	6,404	0.82	1.872
30	22	9,053	6,337	0.70	1.714	8,733	6,113	0.70	1.822	8,520	5,964	0.70	1.872	8,165	5,716	0.70	1.950
30	24	9,514	5,518	0.58	1.793	9,159	5,312	0.58	1.891	8,946	5,189	0.58	1.950	8,662	5,024	0.58	2.049
30	26	9,798	4,507	0.46	1.891	9,514	4,376	0.46	1.990	9,372	4,311	0.46	2.049	9,088	4,180	0.46	2.108
31	18	8,343	8,176	0.98	1.576	7,988	7,828	0.98	1.655	7,668	7,515	0.98	1.734	7,384	7,236	0.98	1.812
31	20	8,698	7,480	0.86	1.655	8,343	7,175	0.86	1.753	8,094	6,961	0.86	1.793	7,810	6,717	0.86	1.872
31	22	9,053	6,699	0.74	1.714	8,733	6,462	0.74	1.822	8,520	6,305	0.74	1.872	8,165	6,042	0.74	1.950
31	24	9,514	5,899	0.62	1.793	9,159	5,679	0.62	1.891	8,946	5,547	0.62	1.950	8,662	5,370	0.62	2.049
31	26	9,798	4,899	0.50	1.891	9,514	4,757	0.50	1.990	9,372	4,686	0.50	2.049	9,088	4,544	0.50	2.108
32	18	8,343	8,509	1.02	1.576	7,988	8,147	1.02	1.655	7,668	7,821	1.02	1.734	7,384	7,532	1.02	1.812
32	20	8,698	7,828	0.90	1.655	8,343	7,508	0.90	1.753	8,094	7,285	0.90	1.793	7,810	7,029	0.90	1.872
32	22	9,053	7,061	0.78	1.714	8,733	6,812	0.78	1.822	8,520	6,646	0.78	1.872	8,165	6,369	0.78	1.950
32	24	9,514	6,279	0.66	1.793	9,159	6,045	0.66	1.891	8,946	5,904	0.66	1.950	8,662	5,717	0.66	2.049
32	26	9,798	5,291	0.54	1.891	9,514	5,138	0.54	1.990	9,372	5,061	0.54	2.049	9,088	4,908	0.54	2.108

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-SUSPENDED
PERFORMANCE DATA

COOLING CAPACITY
PCA-M71KA / SUZ-M71VA

CEILING-SUSPENDED
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB:											
		35				40				46			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
21	18	6,958	4,036	0.58	1.931	6,390	3,706	0.58	2.049	5,893	3,418	0.58	2.128
21	20	7,313	3,364	0.46	2.009	6,816	3,135	0.46	2.108	6,319	2,907	0.46	2.226
22	18	6,958	4,314	0.62	1.931	6,390	3,962	0.62	2.049	5,893	3,654	0.62	2.128
22	20	7,313	3,657	0.50	2.009	6,816	3,408	0.50	2.108	6,319	3,160	0.50	2.226
22	22	7,739	2,941	0.38	2.088	7,242	2,752	0.38	2.206	6,745	2,563	0.38	2.285
23	18	6,958	4,592	0.66	1.931	6,390	4,217	0.66	2.049	5,893	3,889	0.66	2.128
23	20	7,313	3,949	0.54	2.009	6,816	3,681	0.54	2.108	6,319	3,412	0.54	2.226
23	22	7,739	3,250	0.42	2.088	7,242	3,042	0.42	2.206	6,745	2,833	0.42	2.285
24	18	6,958	4,871	0.70	1.931	6,390	4,473	0.70	2.049	5,893	4,125	0.70	2.128
24	20	7,313	4,242	0.58	2.009	6,816	3,953	0.58	2.108	6,319	3,665	0.58	2.226
24	22	7,739	3,560	0.46	2.088	7,242	3,331	0.46	2.206	6,745	3,103	0.46	2.285
24	24	8,165	2,776	0.34	2.167	7,668	2,607	0.34	2.266	7,242	2,462	0.34	2.364
25	20	7,313	4,534	0.62	2.009	6,816	4,226	0.62	2.108	6,319	3,918	0.62	2.226
25	22	7,739	3,870	0.50	2.088	7,242	3,621	0.50	2.206	6,745	3,373	0.50	2.285
25	24	8,165	3,103	0.38	2.167	7,668	2,914	0.38	2.266	7,242	2,752	0.38	2.364
26	18	6,958	5,427	0.78	1.931	6,390	4,984	0.78	2.049	5,893	4,597	0.78	2.128
26	20	7,313	4,827	0.66	2.009	6,816	4,499	0.66	2.108	6,319	4,171	0.66	2.226
26	22	7,739	4,179	0.54	2.088	7,242	3,911	0.54	2.206	6,745	3,642	0.54	2.285
26	24	8,165	3,429	0.42	2.167	7,668	3,221	0.42	2.266	7,242	3,042	0.42	2.364
26	26	8,591	2,577	0.30	2.246	8,094	2,428	0.30	2.344	7,597	2,279	0.30	2.443
27	18	6,958	5,706	0.82	1.931	6,390	5,240	0.82	2.049	5,893	4,832	0.82	2.128
27	20	7,313	5,119	0.70	2.009	6,816	4,771	0.70	2.108	6,319	4,423	0.70	2.226
27	22	7,739	4,489	0.58	2.088	7,242	4,200	0.58	2.206	6,745	3,912	0.58	2.285
27	24	8,165	3,756	0.46	2.167	7,668	3,527	0.46	2.266	7,242	3,331	0.46	2.364
27	26	8,591	2,921	0.34	2.246	8,094	2,752	0.34	2.344	7,597	2,583	0.34	2.443
28	18	6,958	5,984	0.86	1.931	6,390	5,495	0.86	2.049	5,893	5,068	0.86	2.128
28	20	7,313	5,412	0.74	2.009	6,816	5,044	0.74	2.108	6,319	4,676	0.74	2.226
28	22	7,739	4,798	0.62	2.088	7,242	4,490	0.62	2.206	6,745	4,182	0.62	2.285
28	24	8,165	4,083	0.50	2.167	7,668	3,834	0.50	2.266	7,242	3,621	0.50	2.364
28	26	8,591	3,265	0.38	2.246	8,094	3,076	0.38	2.344	7,597	2,887	0.38	2.443
29	18	6,958	6,262	0.90	1.931	6,390	5,751	0.90	2.049	5,893	5,304	0.90	2.128
29	20	7,313	5,704	0.78	2.009	6,816	5,316	0.78	2.108	6,319	4,929	0.78	2.226
29	22	7,739	5,108	0.66	2.088	7,242	4,780	0.66	2.206	6,745	4,452	0.66	2.285
29	24	8,165	4,409	0.54	2.167	7,668	4,141	0.54	2.266	7,242	3,911	0.54	2.364
29	26	8,591	3,608	0.42	2.246	8,094	3,399	0.42	2.344	7,597	3,191	0.42	2.443
30	18	6,958	6,541	0.94	1.931	6,390	6,007	0.94	2.049	5,893	5,539	0.94	2.128
30	20	7,313	5,997	0.82	2.009	6,816	5,589	0.82	2.108	6,319	5,182	0.82	2.226
30	22	7,739	5,417	0.70	2.088	7,242	5,069	0.70	2.206	6,745	4,722	0.70	2.285
30	24	8,165	4,736	0.58	2.167	7,668	4,447	0.58	2.266	7,242	4,200	0.58	2.364
30	26	8,591	3,952	0.46	2.246	8,094	3,723	0.46	2.344	7,597	3,495	0.46	2.443
31	18	6,958	6,819	0.98	1.931	6,390	6,262	0.98	2.049	5,893	5,775	0.98	2.128
31	20	7,313	6,289	0.86	2.009	6,816	5,862	0.86	2.108	6,319	5,434	0.86	2.226
31	22	7,739	5,727	0.74	2.088	7,242	5,359	0.74	2.206	6,745	4,991	0.74	2.285
31	24	8,165	5,062	0.62	2.167	7,668	4,754	0.62	2.266	7,242	4,490	0.62	2.364
31	26	8,591	4,296	0.50	2.246	8,094	4,047	0.50	2.344	7,597	3,799	0.50	2.443
32	18	6,958	7,097	1.02	1.931	6,390	6,518	1.02	2.049	5,893	6,011	1.02	2.128
32	20	7,313	6,582	0.90	2.009	6,816	6,134	0.90	2.108	6,319	5,687	0.90	2.226
32	22	7,739	6,036	0.78	2.088	7,242	5,649	0.78	2.206	6,745	5,261	0.78	2.285
32	24	8,165	5,389	0.66	2.167	7,668	5,061	0.66	2.266	7,242	4,780	0.66	2.364
32	26	8,591	4,639	0.54	2.246	8,094	4,371	0.54	2.344	7,597	4,102	0.54	2.443

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M100KA / PUZ-M100VKA PUZ-M100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,301	0.67	2.35	9,120	6,110	0.67	2.48	8,835	5,919	0.67	2.63
20	18	10,070	5,539	0.55	2.40	9,785	5,382	0.55	2.53	9,453	5,199	0.55	2.70
20	20	10,830	4,657	0.43	2.47	10,593	4,555	0.43	2.59	10,308	4,432	0.43	2.76
22	16	9,405	7,054	0.75	2.35	9,120	6,840	0.75	2.48	8,835	6,626	0.75	2.63
22	18	10,070	6,344	0.63	2.40	9,785	6,165	0.63	2.53	9,453	5,955	0.63	2.70
22	20	10,830	5,523	0.51	2.47	10,593	5,402	0.51	2.59	10,308	5,257	0.51	2.76
24	16	9,405	7,806	0.83	2.35	9,120	7,570	0.83	2.48	8,835	7,333	0.83	2.63
24	18	10,070	7,150	0.71	2.40	9,785	6,947	0.71	2.53	9,453	6,711	0.71	2.70
24	20	10,830	6,390	0.59	2.47	10,593	6,250	0.59	2.59	10,308	6,081	0.59	2.76
24	22	11,543	5,425	0.47	2.53	11,305	5,313	0.47	2.68	11,020	5,179	0.47	2.85
26	16	9,405	8,559	0.91	2.35	9,120	8,299	0.91	2.48	8,835	8,040	0.91	2.63
26	18	10,070	7,955	0.79	2.40	9,785	7,730	0.79	2.53	9,453	7,467	0.79	2.70
26	20	10,830	7,256	0.67	2.47	10,593	7,097	0.67	2.59	10,308	6,906	0.67	2.76
26	22	11,543	6,348	0.55	2.53	11,305	6,218	0.55	2.68	11,020	6,061	0.55	2.85
27	16	9,405	8,935	0.95	2.35	9,120	8,664	0.95	2.48	8,835	8,393	0.95	2.63
27	18	10,070	8,358	0.83	2.40	9,785	8,122	0.83	2.53	9,453	7,846	0.83	2.70
27	20	10,830	7,689	0.71	2.47	10,593	7,521	0.71	2.59	10,308	7,318	0.71	2.76
27	22	11,543	6,810	0.59	2.53	11,305	6,670	0.59	2.68	11,020	6,502	0.59	2.85
28	16	9,405	9,311	0.99	2.35	9,120	9,029	0.99	2.48	8,835	8,747	0.99	2.63
28	18	10,070	8,761	0.87	2.40	9,785	8,513	0.87	2.53	9,453	8,224	0.87	2.70
28	20	10,830	8,123	0.75	2.47	10,593	7,944	0.75	2.59	10,308	7,731	0.75	2.76
28	22	11,543	7,272	0.63	2.53	11,305	7,122	0.63	2.68	11,020	6,943	0.63	2.85
30	16	9,405	9,405	1.00	2.35	9,120	9,120	1.00	2.48	8,835	8,835	1.00	2.63
30	18	10,070	9,567	0.95	2.40	9,785	9,296	0.95	2.53	9,453	8,980	0.95	2.70
30	20	10,830	8,989	0.83	2.47	10,593	8,792	0.83	2.59	10,308	8,555	0.83	2.76
30	22	11,543	8,195	0.71	2.53	11,305	8,027	0.71	2.68	11,020	7,824	0.71	2.85
32	16	9,405	9,405	1.00	2.35	9,120	9,120	1.00	2.48	8,835	8,835	1.00	2.63
32	18	10,070	10,070	1.00	2.40	9,785	9,785	1.00	2.53	9,453	9,453	1.00	2.70
32	20	10,830	9,855	0.91	2.47	10,593	9,639	0.91	2.59	10,308	9,380	0.91	2.76
32	22	11,543	9,119	0.79	2.53	11,305	8,931	0.79	2.68	11,020	8,706	0.79	2.85
34	16	9,405	9,405	1.00	2.35	9,120	9,120	1.00	2.48	8,835	8,835	1.00	2.63
34	18	10,070	10,070	1.00	2.40	9,785	9,785	1.00	2.53	9,453	9,453	1.00	2.70
34	20	10,830	10,722	0.99	2.47	10,593	10,487	0.99	2.59	10,308	10,204	0.99	2.76
34	22	11,543	10,042	0.87	2.53	11,305	9,835	0.87	2.68	11,020	9,587	0.87	2.85

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,665	0.67	2.82	8,075	5,410	0.67	3.03	7,695	5,156	0.67	3.28
20	18	9,120	5,016	0.55	2.90	8,835	4,859	0.55	3.12	8,265	4,546	0.55	3.35
20	20	9,880	4,248	0.43	2.97	9,500	4,085	0.43	3.18	8,930	3,840	0.43	3.41
22	16	8,455	6,341	0.75	2.82	8,075	6,056	0.75	3.03	7,695	5,771	0.75	3.28
22	18	9,120	5,746	0.63	2.90	8,835	5,566	0.63	3.12	8,265	5,207	0.63	3.35
22	20	9,880	5,039	0.51	2.97	9,500	4,845	0.51	3.18	8,930	4,554	0.51	3.41
24	16	8,455	7,018	0.83	2.82	8,075	6,702	0.83	3.03	7,695	6,387	0.83	3.28
24	18	9,120	6,475	0.71	2.90	8,835	6,273	0.71	3.12	8,265	5,868	0.71	3.35
24	20	9,880	5,829	0.59	2.97	9,500	5,605	0.59	3.18	8,930	5,269	0.59	3.41
24	22	10,640	5,001	0.47	3.03	10,260	4,822	0.47	3.26	9,690	4,554	0.47	3.47
26	16	8,455	7,694	0.91	2.82	8,075	7,348	0.91	3.03	7,695	7,002	0.91	3.28
26	18	9,120	7,205	0.79	2.90	8,835	6,980	0.79	3.12	8,265	6,529	0.79	3.35
26	20	9,880	6,620	0.67	2.97	9,500	6,365	0.67	3.18	8,930	5,983	0.67	3.41
26	22	10,640	5,852	0.55	3.03	10,260	5,643	0.55	3.26	9,690	5,330	0.55	3.47
27	16	8,455	8,032	0.95	2.82	8,075	7,671	0.95	3.03	7,695	7,310	0.95	3.28
27	18	9,120	7,570	0.83	2.90	8,835	7,333	0.83	3.12	8,265	6,860	0.83	3.35
27	20	9,880	7,015	0.71	2.97	9,500	6,745	0.71	3.18	8,930	6,340	0.71	3.41
27	22	10,640	6,278	0.59	3.03	10,260	6,053	0.59	3.26	9,690	5,717	0.59	3.47
28	16	8,455	8,370	0.99	2.82	8,075	7,994	0.99	3.03	7,695	7,618	0.99	3.28
28	18	9,120	7,934	0.87	2.90	8,835	7,686	0.87	3.12	8,265	7,191	0.87	3.35
28	20	9,880	7,410	0.75	2.97	9,500	7,125	0.75	3.18	8,930	6,698	0.75	3.41
28	22	10,640	6,703	0.63	3.03	10,260	6,464	0.63	3.26	9,690	6,105	0.63	3.47
30	16	8,455	8,455	1.00	2.82	8,075	8,075	1.00	3.03	7,695	7,695	1.00	3.28
30	18	9,120	8,664	0.95	2.90	8,835	8,393	0.95	3.12	8,265	7,852	0.95	3.35
30	20	9,880	8,200	0.83	2.97	9,500	7,885	0.83	3.18	8,930	7,412	0.83	3.41
30	22	10,640	7,554	0.71	3.03	10,260	7,285	0.71	3.26	9,690	6,880	0.71	3.47
32	16	8,455	8,455	1.00	2.82	8,075	8,075	1.00	3.03	7,695	7,695	1.00	3.28
32	18	9,120	9,120	1.00	2.90	8,835	8,835	1.00	3.12	8,265	8,265	1.00	3.35
32	20	9,880	8,991	0.91	2.97	9,500	8,645	0.91	3.18	8,930	8,126	0.91	3.41
32	22	10,640	8,406	0.79	3.03	10,260	8,105	0.79	3.26	9,690	7,655	0.79	3.47
34	16	8,455	8,455	1.00	2.82	8,075	8,075	1.00	3.03	7,695	7,695	1.00	3.28
34	18	9,120	9,120	1.00	2.90	8,835	8,835	1.00	3.12	8,265	8,265	1.00	3.35
34	20	9,880	9,781	0.99	2.97	9,500	9,405	0.99	3.18	8,930	8,841	0.99	3.41
34	22	10,640	9,257	0.87	3.03	10,260	8,926	0.87	3.26	9,690	8,430	0.87	3.47

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M125KA / PUZ-M125VKA PUZ-M125YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,427	0.62	3.21	11,616	7,202	0.62	3.39	11,253	6,977	0.62	3.59
20	18	12,826	6,413	0.50	3.27	12,463	6,232	0.50	3.45	12,040	6,020	0.50	3.69
20	20	13,794	5,242	0.38	3.37	13,492	5,127	0.38	3.53	13,129	4,989	0.38	3.77
22	16	11,979	8,385	0.70	3.21	11,616	8,131	0.70	3.39	11,253	7,877	0.70	3.59
22	18	12,826	7,439	0.58	3.27	12,463	7,229	0.58	3.45	12,040	6,983	0.58	3.69
22	20	13,794	6,345	0.46	3.37	13,492	6,206	0.46	3.53	13,129	6,039	0.46	3.77
24	16	11,979	9,344	0.78	3.21	11,616	9,060	0.78	3.39	11,253	8,777	0.78	3.59
24	18	12,826	8,465	0.66	3.27	12,463	8,226	0.66	3.45	12,040	7,946	0.66	3.69
24	20	13,794	7,449	0.54	3.37	13,492	7,285	0.54	3.53	13,129	7,089	0.54	3.77
24	22	14,702	6,175	0.42	3.45	14,399	6,048	0.42	3.65	14,036	5,895	0.42	3.89
26	16	11,979	10,302	0.86	3.21	11,616	9,990	0.86	3.39	11,253	9,678	0.86	3.59
26	18	12,826	9,491	0.74	3.27	12,463	9,223	0.74	3.45	12,040	8,909	0.74	3.69
26	20	13,794	8,552	0.62	3.37	13,492	8,365	0.62	3.53	13,129	8,140	0.62	3.77
26	22	14,702	7,351	0.50	3.45	14,399	7,200	0.50	3.65	14,036	7,018	0.50	3.89
27	16	11,979	10,781	0.90	3.21	11,616	10,454	0.90	3.39	11,253	10,128	0.90	3.59
27	18	12,826	10,004	0.78	3.27	12,463	9,721	0.78	3.45	12,040	9,391	0.78	3.69
27	20	13,794	9,104	0.66	3.37	13,492	8,904	0.66	3.53	13,129	8,665	0.66	3.77
27	22	14,702	7,939	0.54	3.45	14,399	7,775	0.54	3.65	14,036	7,579	0.54	3.89
28	16	11,979	11,260	0.94	3.21	11,616	10,919	0.94	3.39	11,253	10,578	0.94	3.59
28	18	12,826	10,517	0.82	3.27	12,463	10,220	0.82	3.45	12,040	9,872	0.82	3.69
28	20	13,794	9,656	0.70	3.37	13,492	9,444	0.70	3.53	13,129	9,190	0.70	3.77
28	22	14,702	8,527	0.58	3.45	14,399	8,351	0.58	3.65	14,036	8,141	0.58	3.89
30	16	11,979	11,979	1.00	3.21	11,616	11,616	1.00	3.39	11,253	11,253	1.00	3.59
30	18	12,826	11,543	0.90	3.27	12,463	11,217	0.90	3.45	12,040	10,836	0.90	3.69
30	20	13,794	10,759	0.78	3.37	13,492	10,523	0.78	3.53	13,129	10,240	0.78	3.77
30	22	14,702	9,703	0.66	3.45	14,399	9,503	0.66	3.65	14,036	9,264	0.66	3.89
32	16	11,979	11,979	1.00	3.21	11,616	11,616	1.00	3.39	11,253	11,253	1.00	3.59
32	18	12,826	12,569	0.98	3.27	12,463	12,214	0.98	3.45	12,040	11,799	0.98	3.69
32	20	13,794	11,863	0.86	3.37	13,492	11,603	0.86	3.53	13,129	11,291	0.86	3.77
32	22	14,702	10,879	0.74	3.45	14,399	10,655	0.74	3.65	14,036	10,387	0.74	3.89
34	16	11,979	11,979	1.00	3.21	11,616	11,616	1.00	3.39	11,253	11,253	1.00	3.59
34	18	12,826	12,826	1.00	3.27	12,463	12,463	1.00	3.45	12,040	12,040	1.00	3.69
34	20	13,794	12,966	0.94	3.37	13,492	12,682	0.94	3.53	13,129	12,341	0.94	3.77
34	22	14,702	12,055	0.82	3.45	14,399	11,807	0.82	3.65	14,036	11,510	0.82	3.89

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,677	0.62	3.85	10,285	6,377	0.62	4.13	9,801	6,077	0.62	4.47
20	18	11,616	5,808	0.50	3.95	11,253	5,627	0.50	4.25	10,527	5,264	0.50	4.57
20	20	12,584	4,782	0.38	4.05	12,100	4,598	0.38	4.33	11,374	4,322	0.38	4.65
22	16	10,769	7,538	0.70	3.85	10,285	7,200	0.70	4.13	9,801	6,861	0.70	4.47
22	18	11,616	6,737	0.58	3.95	11,253	6,527	0.58	4.25	10,527	6,106	0.58	4.57
22	20	12,584	5,789	0.46	4.05	12,100	5,566	0.46	4.33	11,374	5,232	0.46	4.65
24	16	10,769	8,400	0.78	3.85	10,285	8,022	0.78	4.13	9,801	7,645	0.78	4.47
24	18	11,616	7,667	0.66	3.95	11,253	7,427	0.66	4.25	10,527	6,948	0.66	4.57
24	20	12,584	6,795	0.54	4.05	12,100	6,534	0.54	4.33	11,374	6,142	0.54	4.65
24	22	13,552	5,692	0.42	4.13	13,068	5,489	0.42	4.45	12,342	5,184	0.42	4.73
26	16	10,769	9,261	0.86	3.85	10,285	8,845	0.86	4.13	9,801	8,429	0.86	4.47
26	18	11,616	8,596	0.74	3.95	11,253	8,327	0.74	4.25	10,527	7,790	0.74	4.57
26	20	12,584	7,802	0.62	4.05	12,100	7,502	0.62	4.33	11,374	7,052	0.62	4.65
26	22	13,552	6,776	0.50	4.13	13,068	6,534	0.50	4.45	12,342	6,171	0.50	4.73
27	16	10,769	9,692	0.90	3.85	10,285	9,257	0.90	4.13	9,801	8,821	0.90	4.47
27	18	11,616	9,060	0.78	3.95	11,253	8,777	0.78	4.25	10,527	8,211	0.78	4.57
27	20	12,584	8,305	0.66	4.05	12,100	7,986	0.66	4.33	11,374	7,507	0.66	4.65
27	22	13,552	7,318	0.54	4.13	13,068	7,057	0.54	4.45	12,342	6,665	0.54	4.73
28	16	10,769	10,123	0.94	3.85	10,285	9,668	0.94	4.13	9,801	9,213	0.94	4.47
28	18	11,616	9,525	0.82	3.95	11,253	9,227	0.82	4.25	10,527	8,632	0.82	4.57
28	20	12,584	8,809	0.70	4.05	12,100	8,470	0.70	4.33	11,374	7,962	0.70	4.65
28	22	13,552	7,860	0.58	4.13	13,068	7,579	0.58	4.45	12,342	7,158	0.58	4.73
30	16	10,769	10,769	1.00	3.85	10,285	10,285	1.00	4.13	9,801	9,801	1.00	4.47
30	18	11,616	10,454	0.90	3.95	11,253	10,128	0.90	4.25	10,527	9,474	0.90	4.57
30	20	12,584	9,816	0.78	4.05	12,100	9,438	0.78	4.33	11,374	8,872	0.78	4.65
30	22	13,552	8,944	0.66	4.13	13,068	8,625	0.66	4.45	12,342	8,146	0.66	4.73
32	16	10,769	10,769	1.00	3.85	10,285	10,285	1.00	4.13	9,801	9,801	1.00	4.47
32	18	11,616	11,384	0.98	3.95	11,253	11,028	0.98	4.25	10,527	10,316	0.98	4.57
32	20	12,584	10,822	0.86	4.05	12,100	10,406	0.86	4.33	11,374	9,782	0.86	4.65
32	22	13,552	10,028	0.74	4.13	13,068	9,670	0.74	4.45	12,342	9,133	0.74	4.73
34	16	10,769	10,769	1.00	3.85	10,285	10,285	1.00	4.13	9,801	9,801	1.00	4.47
34	18	11,616	11,616	1.00	3.95	11,253	11,253	1.00	4.25	10,527	10,527	1.00	4.57
34	20	12,584	11,829	0.94	4.05	12,100	11,374	0.94	4.33	11,374	10,692	0.94	4.65
34	22	13,552	11,113	0.82	4.13	13,068	10,716	0.82	4.45	12,342	10,120	0.82	4.73

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

COOLING CAPACITY
PCA-M140KA / PUZ-M140VKA PUZ-M140YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,225	0.62	4.29	12,864	7,976	0.62	4.53	12,462	7,726	0.62	4.80
20	18	14,204	7,102	0.50	4.37	13,802	6,901	0.50	4.61	13,333	6,667	0.50	4.93
20	20	15,276	5,805	0.38	4.50	14,941	5,678	0.38	4.72	14,539	5,525	0.38	5.04
22	16	13,266	9,286	0.70	4.29	12,864	9,005	0.70	4.53	12,462	8,723	0.70	4.80
22	18	14,204	8,238	0.58	4.37	13,802	8,005	0.58	4.61	13,333	7,733	0.58	4.93
22	20	15,276	7,027	0.46	4.50	14,941	6,873	0.46	4.72	14,539	6,688	0.46	5.04
24	16	13,266	10,347	0.78	4.29	12,864	10,034	0.78	4.53	12,462	9,720	0.78	4.80
24	18	14,204	9,375	0.66	4.37	13,802	9,109	0.66	4.61	13,333	8,800	0.66	4.93
24	20	15,276	8,249	0.54	4.50	14,941	8,068	0.54	4.72	14,539	7,851	0.54	5.04
24	22	16,281	6,838	0.42	4.61	15,946	6,697	0.42	4.88	15,544	6,528	0.42	5.20
26	16	13,266	11,409	0.86	4.29	12,864	11,063	0.86	4.53	12,462	10,717	0.86	4.80
26	18	14,204	10,511	0.74	4.37	13,802	10,213	0.74	4.61	13,333	9,866	0.74	4.93
26	20	15,276	9,471	0.62	4.50	14,941	9,263	0.62	4.72	14,539	9,014	0.62	5.04
26	22	16,281	8,141	0.50	4.61	15,946	7,973	0.50	4.88	15,544	7,772	0.50	5.20
27	16	13,266	11,939	0.90	4.29	12,864	11,578	0.90	4.53	12,462	11,216	0.90	4.80
27	18	14,204	11,079	0.78	4.37	13,802	10,766	0.78	4.61	13,333	10,400	0.78	4.93
27	20	15,276	10,082	0.66	4.50	14,941	9,861	0.66	4.72	14,539	9,596	0.66	5.04
27	22	16,281	8,792	0.54	4.61	15,946	8,611	0.54	4.88	15,544	8,394	0.54	5.20
28	16	13,266	12,470	0.94	4.29	12,864	12,092	0.94	4.53	12,462	11,714	0.94	4.80
28	18	14,204	11,647	0.82	4.37	13,802	11,318	0.82	4.61	13,333	10,933	0.82	4.93
28	20	15,276	10,693	0.70	4.50	14,941	10,459	0.70	4.72	14,539	10,177	0.70	5.04
28	22	16,281	9,443	0.58	4.61	15,946	9,249	0.58	4.88	15,544	9,016	0.58	5.20
30	16	13,266	13,266	1.00	4.29	12,864	12,864	1.00	4.53	12,462	12,462	1.00	4.80
30	18	14,204	12,784	0.90	4.37	13,802	12,422	0.90	4.61	13,333	12,000	0.90	4.93
30	20	15,276	11,915	0.78	4.50	14,941	11,654	0.78	4.72	14,539	11,340	0.78	5.04
30	22	16,281	10,745	0.66	4.61	15,946	10,524	0.66	4.88	15,544	10,259	0.66	5.20
32	16	13,266	13,266	1.00	4.29	12,864	12,864	1.00	4.53	12,462	12,462	1.00	4.80
32	18	14,204	13,920	0.98	4.37	13,802	13,526	0.98	4.61	13,333	13,066	0.98	4.93
32	20	15,276	13,137	0.86	4.50	14,941	12,849	0.86	4.72	14,539	12,504	0.86	5.04
32	22	16,281	12,048	0.74	4.61	15,946	11,800	0.74	4.88	15,544	11,503	0.74	5.20
34	16	13,266	13,266	1.00	4.29	12,864	12,864	1.00	4.53	12,462	12,462	1.00	4.80
34	18	14,204	14,204	1.00	4.37	13,802	13,802	1.00	4.61	13,333	13,333	1.00	4.93
34	20	15,276	14,359	0.94	4.50	14,941	14,045	0.94	4.72	14,539	13,667	0.94	5.04
34	22	16,281	13,350	0.82	4.61	15,946	13,076	0.82	4.88	15,544	12,746	0.82	5.20

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,394	0.62	5.15	11,390	7,062	0.62	5.52	10,854	6,729	0.62	5.98
20	18	12,864	6,432	0.50	5.28	12,462	6,231	0.50	5.68	11,658	5,829	0.50	6.11
20	20	13,936	5,296	0.38	5.41	13,400	5,092	0.38	5.79	12,596	4,786	0.38	6.22
22	16	11,926	8,348	0.70	5.15	11,390	7,973	0.70	5.52	10,854	7,598	0.70	5.98
22	18	12,864	7,461	0.58	5.28	12,462	7,228	0.58	5.68	11,658	6,762	0.58	6.11
22	20	13,936	6,411	0.46	5.41	13,400	6,164	0.46	5.79	12,596	5,794	0.46	6.22
24	16	11,926	9,302	0.78	5.15	11,390	8,884	0.78	5.52	10,854	8,466	0.78	5.98
24	18	12,864	8,490	0.66	5.28	12,462	8,225	0.66	5.68	11,658	7,694	0.66	6.11
24	20	13,936	7,525	0.54	5.41	13,400	7,236	0.54	5.79	12,596	6,802	0.54	6.22
24	22	15,008	6,303	0.42	5.52	14,472	6,078	0.42	5.95	13,668	5,741	0.42	6.32
26	16	11,926	10,256	0.86	5.15	11,390	9,795	0.86	5.52	10,854	9,334	0.86	5.98
26	18	12,864	9,519	0.74	5.28	12,462	9,222	0.74	5.68	11,658	8,627	0.74	6.11
26	20	13,936	8,640	0.62	5.41	13,400	8,308	0.62	5.79	12,596	7,810	0.62	6.22
26	22	15,008	7,504	0.50	5.52	14,472	7,236	0.50	5.95	13,668	6,834	0.50	6.32
27	16	11,926	10,733	0.90	5.15	11,390	10,251	0.90	5.52	10,854	9,769	0.90	5.98
27	18	12,864	10,034	0.78	5.28	12,462	9,720	0.78	5.68	11,658	9,093	0.78	6.11
27	20	13,936	9,198	0.66	5.41	13,400	8,844	0.66	5.79	12,596	8,313	0.66	6.22
27	22	15,008	8,104	0.54	5.52	14,472	7,815	0.54	5.95	13,668	7,381	0.54	6.32
28	16	11,926	11,210	0.94	5.15	11,390	10,707	0.94	5.52	10,854	10,203	0.94	5.98
28	18	12,864	10,548	0.82	5.28	12,462	10,219	0.82	5.68	11,658	9,560	0.82	6.11
28	20	13,936	9,755	0.70	5.41	13,400	9,380	0.70	5.79	12,596	8,817	0.70	6.22
28	22	15,008	8,705	0.58	5.52	14,472	8,394	0.58	5.95	13,668	7,927	0.58	6.32
30	16	11,926	11,926	1.00	5.15	11,390	11,390	1.00	5.52	10,854	10,854	1.00	5.98
30	18	12,864	11,578	0.90	5.28	12,462	11,216	0.90	5.68	11,658	10,492	0.90	6.11
30	20	13,936	10,870	0.78	5.41	13,400	10,452	0.78	5.79	12,596	9,825	0.78	6.22
30	22	15,008	9,905	0.66	5.52	14,472	9,552	0.66	5.95	13,668	9,021	0.66	6.32
32	16	11,926	11,926	1.00	5.15	11,390	11,390	1.00	5.52	10,854	10,854	1.00	5.98
32	18	12,864	12,607	0.98	5.28	12,462	12,213	0.98	5.68	11,658	11,425	0.98	6.11
32	20	13,936	11,985	0.86	5.41	13,400	11,524	0.86	5.79	12,596	10,833	0.86	6.22
32	22	15,008	11,106	0.74	5.52	14,472	10,709	0.74	5.95	13,668	10,114	0.74	6.32
34	16	11,926	11,926	1.00	5.15	11,390	11,390	1.00	5.52	10,854	10,854	1.00	5.98
34	18	12,864	12,864	1.00	5.28	12,462	12,462	1.00	5.68	11,658	11,658	1.00	6.11
34	20	13,936	13,100	0.94	5.41	13,400	12,596	0.94	5.79	12,596	11,840	0.94	6.22
34	22	15,008	12,307	0.82	5.52	14,472	11,867	0.82	5.95	13,668	11,208	0.82	6.32

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

HEATING CAPACITY
PCA-M-KA / PUZ-ZM-VHA PUZ-ZM-VKA PUZ-ZM-YKA

CEILING-SUSPENDED PERFORMANCE DATA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M35KA	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-M50KA	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-M60KA	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-M71KA	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-M100KA	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-M125KA	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-M140KA	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-KA / SUZ-M-VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M35KA	15	2,050	0.53	2,583	0.663	3,116	0.796	3,649	0.898	4,182	0.969	4,715	1.030	5,207	1.061	5,740	1.081
	21	1,927	0.57	2,460	0.714	2,952	0.847	3,485	0.938	3,977	1.010	4,510	1.061	5,002	1.091	5,515	1.132
	26	1,681	0.61	2,214	0.765	2,747	0.898	3,239	0.989	3,772	1.061	4,305	1.112	4,797	1.142	5,330	1.173
PCA-M50KA	15	3,000	0.837	3,780	1.047	4,560	1.256	5,340	1.417	6,120	1.530	6,900	1.626	7,620	1.674	8,400	1.707
	21	2,820	0.892	3,600	1.127	4,320	1.336	5,100	1.481	5,820	1.594	6,600	1.674	7,320	1.723	8,070	1.787
	26	2,460	0.966	3,240	1.208	4,020	1.417	4,740	1.562	5,520	1.674	6,300	1.755	7,020	1.803	7,800	1.852
PCA-M60KA	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-M71KA	15	4,000	1.149	5,040	1.437	6,080	1.724	7,120	1.945	8,160	2.100	9,200	2.232	10,160	2.298	11,200	2.343
	21	3,760	1.224	4,800	1.547	5,760	1.834	6,800	2.033	7,760	2.188	8,800	2.298	9,760	2.365	10,760	2.453
	26	3,280	1.326	4,320	1.658	5,360	1.945	6,320	2.144	7,360	2.298	8,400	2.409	9,360	2.475	10,400	2.542

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-M-KA / PUZ-M-VKA PUZ-M-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M100KA	15	7,112	1.94	7,728	2.13	8,624	2.46	11,312	2.95	12,768	3.28	14,224	3.54
	20	6,832	2.10	7,392	2.30	8,176	2.66	10,920	3.18	12,320	3.54	13,720	3.80
	25	6,608	2.23	7,168	2.49	7,840	2.89	10,304	3.38	11,872	3.79	13,216	4.08
PCA-M125KA	15	8,573	2.33	9,315	2.57	10,395	2.96	13,635	3.56	15,390	3.95	17,145	4.27
	20	8,235	2.53	8,910	2.77	9,855	3.20	13,163	3.83	14,850	4.27	16,538	4.58
	25	7,965	2.69	8,640	3.00	9,450	3.48	12,420	4.07	14,310	4.56	15,930	4.92
PCA-M140KA	15	9,525	2.53	10,350	2.78	11,550	3.21	15,150	3.85	17,100	4.28	19,050	4.62
	20	9,150	2.74	9,900	3.00	10,950	3.47	14,625	4.15	16,500	4.62	18,375	4.96
	25	8,850	2.91	9,600	3.25	10,500	3.77	13,800	4.41	15,900	4.94	17,700	5.33

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.3.5.2 R410A type
COOLING CAPACITY
PCA-M35KA / PUHZ-ZRP35VKA2

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,780	0.78	0.69	3,456	2,696	0.78	0.73	3,348	2,611	0.78	0.77
20	18	3,816	2,519	0.66	0.70	3,708	2,447	0.66	0.74	3,582	2,364	0.66	0.79
20	20	4,104	2,216	0.54	0.72	4,014	2,168	0.54	0.76	3,906	2,109	0.54	0.81
22	16	3,564	3,065	0.86	0.69	3,456	2,972	0.86	0.73	3,348	2,879	0.86	0.77
22	18	3,816	2,824	0.74	0.70	3,708	2,744	0.74	0.74	3,582	2,651	0.74	0.79
22	20	4,104	2,544	0.62	0.72	4,014	2,489	0.62	0.76	3,906	2,422	0.62	0.81
24	16	3,564	3,350	0.94	0.69	3,456	3,249	0.94	0.73	3,348	3,147	0.94	0.77
24	18	3,816	3,129	0.82	0.70	3,708	3,041	0.82	0.74	3,582	2,937	0.82	0.79
24	20	4,104	2,873	0.70	0.72	4,014	2,810	0.70	0.76	3,906	2,734	0.70	0.81
24	22	4,374	2,537	0.58	0.74	4,284	2,485	0.58	0.78	4,176	2,422	0.58	0.83
26	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
26	18	3,816	3,434	0.90	0.70	3,708	3,337	0.90	0.74	3,582	3,224	0.90	0.79
26	20	4,104	3,201	0.78	0.72	4,014	3,131	0.78	0.76	3,906	3,047	0.78	0.81
26	22	4,374	2,887	0.66	0.74	4,284	2,827	0.66	0.78	4,176	2,756	0.66	0.83
27	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
27	18	3,816	3,587	0.94	0.70	3,708	3,486	0.94	0.74	3,582	3,367	0.94	0.79
27	20	4,104	3,365	0.82	0.72	4,014	3,291	0.82	0.76	3,906	3,203	0.82	0.81
27	22	4,374	3,062	0.70	0.74	4,284	2,999	0.70	0.78	4,176	2,923	0.70	0.83
28	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
28	18	3,816	3,740	0.98	0.70	3,708	3,634	0.98	0.74	3,582	3,510	0.98	0.79
28	20	4,104	3,529	0.86	0.72	4,014	3,452	0.86	0.76	3,906	3,359	0.86	0.81
28	22	4,374	3,237	0.74	0.74	4,284	3,170	0.74	0.78	4,176	3,090	0.74	0.83
30	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
30	18	3,816	3,816	1.00	0.70	3,708	3,708	1.00	0.74	3,582	3,582	1.00	0.79
30	20	4,104	3,858	0.94	0.72	4,014	3,773	0.94	0.76	3,906	3,672	0.94	0.81
30	22	4,374	3,587	0.82	0.74	4,284	3,513	0.82	0.78	4,176	3,424	0.82	0.83
32	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
32	18	3,816	3,816	1.00	0.70	3,708	3,708	1.00	0.74	3,582	3,582	1.00	0.79
32	20	4,104	4,104	1.00	0.72	4,014	4,014	1.00	0.76	3,906	3,906	1.00	0.81
32	22	4,374	3,937	0.90	0.74	4,284	3,856	0.90	0.78	4,176	3,758	0.90	0.83
34	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
34	18	3,816	3,816	1.00	0.70	3,708	3,708	1.00	0.74	3,582	3,582	1.00	0.79
34	20	4,104	4,104	1.00	0.72	4,014	4,014	1.00	0.76	3,906	3,906	1.00	0.81
34	22	4,374	4,287	0.98	0.74	4,284	4,198	0.98	0.78	4,176	4,092	0.98	0.83

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,499	0.78	0.83	3,060	2,387	0.78	0.89	2,916	2,274	0.78	0.96
20	18	3,456	2,281	0.66	0.85	3,348	2,210	0.66	0.91	3,132	2,067	0.66	0.98
20	20	3,744	2,022	0.54	0.87	3,600	1,944	0.54	0.93	3,384	1,827	0.54	1.00
22	16	3,204	2,755	0.86	0.83	3,060	2,632	0.86	0.89	2,916	2,508	0.86	0.96
22	18	3,456	2,557	0.74	0.85	3,348	2,478	0.74	0.91	3,132	2,318	0.74	0.98
22	20	3,744	2,321	0.62	0.87	3,600	2,232	0.62	0.93	3,384	2,098	0.62	1.00
24	16	3,204	3,012	0.94	0.83	3,060	2,876	0.94	0.89	2,916	2,741	0.94	0.96
24	18	3,456	2,834	0.82	0.85	3,348	2,745	0.82	0.91	3,132	2,568	0.82	0.98
24	20	3,744	2,621	0.70	0.87	3,600	2,520	0.70	0.93	3,384	2,369	0.70	1.00
24	22	4,032	2,339	0.58	0.89	3,888	2,255	0.58	0.95	3,672	2,130	0.58	1.01
26	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
26	18	3,456	3,110	0.90	0.85	3,348	3,013	0.90	0.91	3,132	2,819	0.90	0.98
26	20	3,744	2,920	0.78	0.87	3,600	2,808	0.78	0.93	3,384	2,640	0.78	1.00
26	22	4,032	2,661	0.66	0.89	3,888	2,566	0.66	0.95	3,672	2,424	0.66	1.01
27	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
27	18	3,456	3,249	0.94	0.85	3,348	3,147	0.94	0.91	3,132	2,944	0.94	0.98
27	20	3,744	3,070	0.82	0.87	3,600	2,952	0.82	0.93	3,384	2,775	0.82	1.00
27	22	4,032	2,822	0.70	0.89	3,888	2,722	0.70	0.95	3,672	2,570	0.70	1.01
28	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
28	18	3,456	3,387	0.98	0.85	3,348	3,281	0.98	0.91	3,132	3,069	0.98	0.98
28	20	3,744	3,220	0.86	0.87	3,600	3,096	0.86	0.93	3,384	2,910	0.86	1.00
28	22	4,032	2,984	0.74	0.89	3,888	2,877	0.74	0.95	3,672	2,717	0.74	1.01
30	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
30	18	3,456	3,456	1.00	0.85	3,348	3,348	1.00	0.91	3,132	3,132	1.00	0.98
30	20	3,744	3,519	0.94	0.87	3,600	3,384	0.94	0.93	3,384	3,181	0.94	1.00
30	22	4,032	3,306	0.82	0.89	3,888	3,188	0.82	0.95	3,672	3,011	0.82	1.01
32	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
32	18	3,456	3,456	1.00	0.85	3,348	3,348	1.00	0.91	3,132	3,132	1.00	0.98
32	20	3,744	3,744	1.00	0.87	3,600	3,600	1.00	0.93	3,384	3,384	1.00	1.00
32	22	4,032	3,629	0.90	0.89	3,888	3,499	0.90	0.95	3,672	3,305	0.90	1.01
34	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
34	18	3,456	3,456	1.00	0.85	3,348	3,348	1.00	0.91	3,132	3,132	1.00	0.98
34	20	3,744	3,744	1.00	0.87	3,600	3,600	1.00	0.93	3,384	3,384	1.00	1.00
34	22	4,032	3,951	0.98	0.89	3,888	3,810	0.98	0.95	3,672	3,599	0.98	1.01

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M50KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,416	0.69	1.07	4,800	3,312	0.69	1.13	4,650	3,209	0.69	1.20
20	18	5,300	3,021	0.57	1.09	5,150	2,936	0.57	1.15	4,975	2,836	0.57	1.23
20	20	5,700	2,565	0.45	1.13	5,575	2,509	0.45	1.18	5,425	2,441	0.45	1.26
22	16	4,950	3,812	0.77	1.07	4,800	3,696	0.77	1.13	4,650	3,581	0.77	1.20
22	18	5,300	3,445	0.65	1.09	5,150	3,348	0.65	1.15	4,975	3,234	0.65	1.23
22	20	5,700	3,021	0.53	1.13	5,575	2,955	0.53	1.18	5,425	2,875	0.53	1.26
24	16	4,950	4,208	0.85	1.07	4,800	4,080	0.85	1.13	4,650	3,953	0.85	1.20
24	18	5,300	3,869	0.73	1.09	5,150	3,760	0.73	1.15	4,975	3,632	0.73	1.23
24	20	5,700	3,477	0.61	1.13	5,575	3,401	0.61	1.18	5,425	3,309	0.61	1.26
24	22	6,075	2,977	0.49	1.15	5,950	2,916	0.49	1.22	5,800	2,842	0.49	1.30
26	16	4,950	4,604	0.93	1.07	4,800	4,464	0.93	1.13	4,650	4,325	0.93	1.20
26	18	5,300	4,293	0.81	1.09	5,150	4,172	0.81	1.15	4,975	4,030	0.81	1.23
26	20	5,700	3,933	0.69	1.13	5,575	3,847	0.69	1.18	5,425	3,743	0.69	1.26
26	22	6,075	3,463	0.57	1.15	5,950	3,392	0.57	1.22	5,800	3,306	0.57	1.30
27	16	4,950	4,802	0.97	1.07	4,800	4,656	0.97	1.13	4,650	4,511	0.97	1.20
27	18	5,300	4,505	0.85	1.09	5,150	4,378	0.85	1.15	4,975	4,229	0.85	1.23
27	20	5,700	4,161	0.73	1.13	5,575	4,070	0.73	1.18	5,425	3,960	0.73	1.26
27	22	6,075	3,706	0.61	1.15	5,950	3,630	0.61	1.22	5,800	3,538	0.61	1.30
28	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
28	18	5,300	4,717	0.89	1.09	5,150	4,584	0.89	1.15	4,975	4,428	0.89	1.23
28	20	5,700	4,389	0.77	1.13	5,575	4,293	0.77	1.18	5,425	4,177	0.77	1.26
28	22	6,075	3,949	0.65	1.15	5,950	3,868	0.65	1.22	5,800	3,770	0.65	1.30
30	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
30	18	5,300	5,141	0.97	1.09	5,150	4,996	0.97	1.15	4,975	4,826	0.97	1.23
30	20	5,700	4,845	0.85	1.13	5,575	4,739	0.85	1.18	5,425	4,611	0.85	1.26
30	22	6,075	4,435	0.73	1.15	5,950	4,344	0.73	1.22	5,800	4,234	0.73	1.30
32	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
32	18	5,300	5,300	1.00	1.09	5,150	5,150	1.00	1.15	4,975	4,975	1.00	1.23
32	20	5,700	5,301	0.93	1.13	5,575	5,185	0.93	1.18	5,425	5,045	0.93	1.26
32	22	6,075	4,921	0.81	1.15	5,950	4,820	0.81	1.22	5,800	4,698	0.81	1.30
34	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
34	18	5,300	5,300	1.00	1.09	5,150	5,150	1.00	1.15	4,975	4,975	1.00	1.23
34	20	5,700	5,700	1.00	1.13	5,575	5,575	1.00	1.18	5,425	5,425	1.00	1.26
34	22	6,075	5,407	0.89	1.15	5,950	5,296	0.89	1.22	5,800	5,162	0.89	1.30

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,071	0.69	1.29	4,250	2,933	0.69	1.38	4,050	2,795	0.69	1.49
20	18	4,800	2,736	0.57	1.32	4,650	2,651	0.57	1.42	4,350	2,480	0.57	1.53
20	20	5,200	2,340	0.45	1.35	5,000	2,250	0.45	1.45	4,700	2,115	0.45	1.55
22	16	4,450	3,427	0.77	1.29	4,250	3,273	0.77	1.38	4,050	3,119	0.77	1.49
22	18	4,800	3,120	0.65	1.32	4,650	3,023	0.65	1.42	4,350	2,828	0.65	1.53
22	20	5,200	2,756	0.53	1.35	5,000	2,650	0.53	1.45	4,700	2,491	0.53	1.55
24	16	4,450	3,783	0.85	1.29	4,250	3,613	0.85	1.38	4,050	3,443	0.85	1.49
24	18	4,800	3,504	0.73	1.32	4,650	3,395	0.73	1.42	4,350	3,176	0.73	1.53
24	20	5,200	3,172	0.61	1.35	5,000	3,050	0.61	1.45	4,700	2,867	0.61	1.55
24	22	5,600	2,744	0.49	1.38	5,400	2,646	0.49	1.49	5,100	2,499	0.49	1.58
26	16	4,450	4,139	0.93	1.29	4,250	3,953	0.93	1.38	4,050	3,767	0.93	1.49
26	18	4,800	3,888	0.81	1.32	4,650	3,767	0.81	1.42	4,350	3,524	0.81	1.53
26	20	5,200	3,588	0.69	1.35	5,000	3,450	0.69	1.45	4,700	3,243	0.69	1.55
26	22	5,600	3,192	0.57	1.38	5,400	3,078	0.57	1.49	5,100	2,907	0.57	1.58
27	16	4,450	4,317	0.97	1.29	4,250	4,123	0.97	1.38	4,050	3,929	0.97	1.49
27	18	4,800	4,080	0.85	1.32	4,650	3,953	0.85	1.42	4,350	3,698	0.85	1.53
27	20	5,200	3,796	0.73	1.35	5,000	3,650	0.73	1.45	4,700	3,431	0.73	1.55
27	22	5,600	3,416	0.61	1.38	5,400	3,294	0.61	1.49	5,100	3,111	0.61	1.58
28	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
28	18	4,800	4,272	0.89	1.32	4,650	4,139	0.89	1.42	4,350	3,872	0.89	1.53
28	20	5,200	4,004	0.77	1.35	5,000	3,850	0.77	1.45	4,700	3,619	0.77	1.55
28	22	5,600	3,640	0.65	1.38	5,400	3,510	0.65	1.49	5,100	3,315	0.65	1.58
30	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
30	18	4,800	4,656	0.97	1.32	4,650	4,511	0.97	1.42	4,350	4,220	0.97	1.53
30	20	5,200	4,420	0.85	1.35	5,000	4,250	0.85	1.45	4,700	3,995	0.85	1.55
30	22	5,600	4,088	0.73	1.38	5,400	3,942	0.73	1.49	5,100	3,723	0.73	1.58
32	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
32	18	4,800	4,800	1.00	1.32	4,650	4,650	1.00	1.42	4,350	4,350	1.00	1.53
32	20	5,200	4,836	0.93	1.35	5,000	4,650	0.93	1.45	4,700	4,371	0.93	1.55
32	22	5,600	4,536	0.81	1.38	5,400	4,374	0.81	1.49	5,100	4,131	0.81	1.58
34	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
34	18	4,800	4,800	1.00	1.32	4,650	4,650	1.00	1.42	4,350	4,350	1.00	1.53
34	20	5,200	5,200	1.00	1.35	5,000	5,000	1.00	1.45	4,700	4,700	1.00	1.55
34	22	5,600	4,984	0.89	1.38	5,400	4,806	0.89	1.49	5,100	4,539	0.89	1.58

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M60KA / PUHZ-ZRP60VHA2

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,288	0.71	1.33	5,856	4,158	0.71	1.40	5,673	4,028	0.71	1.49
20	18	6,466	3,815	0.59	1.35	6,283	3,707	0.59	1.43	6,070	3,581	0.59	1.53
20	20	6,954	3,268	0.47	1.39	6,802	3,197	0.47	1.46	6,619	3,111	0.47	1.56
22	16	6,039	4,771	0.79	1.33	5,856	4,626	0.79	1.40	5,673	4,482	0.79	1.49
22	18	6,466	4,332	0.67	1.35	6,283	4,210	0.67	1.43	6,070	4,067	0.67	1.53
22	20	6,954	3,825	0.55	1.39	6,802	3,741	0.55	1.46	6,619	3,640	0.55	1.56
24	16	6,039	5,254	0.87	1.33	5,856	5,095	0.87	1.40	5,673	4,936	0.87	1.49
24	18	6,466	4,850	0.75	1.35	6,283	4,712	0.75	1.43	6,070	4,552	0.75	1.53
24	20	6,954	4,381	0.63	1.39	6,802	4,285	0.63	1.46	6,619	4,170	0.63	1.56
24	22	7,412	3,780	0.51	1.43	7,259	3,702	0.51	1.51	7,076	3,609	0.51	1.61
26	16	6,039	5,737	0.95	1.33	5,856	5,563	0.95	1.40	5,673	5,389	0.95	1.49
26	18	6,466	5,367	0.83	1.35	6,283	5,215	0.83	1.43	6,070	5,038	0.83	1.53
26	20	6,954	4,937	0.71	1.39	6,802	4,829	0.71	1.46	6,619	4,699	0.71	1.56
26	22	7,412	4,373	0.59	1.43	7,259	4,283	0.59	1.51	7,076	4,175	0.59	1.61
27	16	6,039	5,979	0.99	1.33	5,856	5,797	0.99	1.40	5,673	5,616	0.99	1.49
27	18	6,466	5,625	0.87	1.35	6,283	5,466	0.87	1.43	6,070	5,280	0.87	1.53
27	20	6,954	5,216	0.75	1.39	6,802	5,101	0.75	1.46	6,619	4,964	0.75	1.56
27	22	7,412	4,669	0.63	1.43	7,259	4,573	0.63	1.51	7,076	4,458	0.63	1.61
28	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
28	18	6,466	5,884	0.91	1.35	6,283	5,718	0.91	1.43	6,070	5,523	0.91	1.53
28	20	6,954	5,494	0.79	1.39	6,802	5,373	0.79	1.46	6,619	5,229	0.79	1.56
28	22	7,412	4,966	0.67	1.43	7,259	4,864	0.67	1.51	7,076	4,741	0.67	1.61
30	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
30	18	6,466	6,401	0.99	1.35	6,283	6,220	0.99	1.43	6,070	6,009	0.99	1.53
30	20	6,954	6,050	0.87	1.39	6,802	5,917	0.87	1.46	6,619	5,758	0.87	1.56
30	22	7,412	5,559	0.75	1.43	7,259	5,444	0.75	1.51	7,076	5,307	0.75	1.61
32	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
32	18	6,466	6,466	1.00	1.35	6,283	6,283	1.00	1.43	6,070	6,070	1.00	1.53
32	20	6,954	6,606	0.95	1.39	6,802	6,461	0.95	1.46	6,619	6,288	0.95	1.56
32	22	7,412	6,152	0.83	1.43	7,259	6,025	0.83	1.51	7,076	5,873	0.83	1.61
34	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
34	18	6,466	6,466	1.00	1.35	6,283	6,283	1.00	1.43	6,070	6,070	1.00	1.53
34	20	6,954	6,954	1.00	1.39	6,802	6,802	1.00	1.46	6,619	6,619	1.00	1.56
34	22	7,412	6,744	0.91	1.43	7,259	6,606	0.91	1.51	7,076	6,439	0.91	1.61

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,855	0.71	1.59	5,185	3,681	0.71	1.71	4,941	3,508	0.71	1.85
20	18	5,856	3,455	0.59	1.64	5,673	3,347	0.59	1.76	5,307	3,131	0.59	1.89
20	20	6,344	2,982	0.47	1.68	6,100	2,867	0.47	1.79	5,734	2,695	0.47	1.93
22	16	5,429	4,289	0.79	1.59	5,185	4,096	0.79	1.71	4,941	3,903	0.79	1.85
22	18	5,856	3,924	0.67	1.64	5,673	3,801	0.67	1.76	5,307	3,556	0.67	1.89
22	20	6,344	3,489	0.55	1.68	6,100	3,355	0.55	1.79	5,734	3,154	0.55	1.93
24	16	5,429	4,723	0.87	1.59	5,185	4,511	0.87	1.71	4,941	4,299	0.87	1.85
24	18	5,856	4,392	0.75	1.64	5,673	4,255	0.75	1.76	5,307	3,980	0.75	1.89
24	20	6,344	3,997	0.63	1.68	6,100	3,843	0.63	1.79	5,734	3,612	0.63	1.93
24	22	6,832	3,484	0.51	1.71	6,588	3,360	0.51	1.84	6,222	3,173	0.51	1.96
26	16	5,429	5,158	0.95	1.59	5,185	4,926	0.95	1.71	4,941	4,694	0.95	1.85
26	18	5,856	4,860	0.83	1.64	5,673	4,709	0.83	1.76	5,307	4,405	0.83	1.89
26	20	6,344	4,504	0.71	1.68	6,100	4,331	0.71	1.79	5,734	4,071	0.71	1.93
26	22	6,832	4,031	0.59	1.71	6,588	3,887	0.59	1.84	6,222	3,671	0.59	1.96
27	16	5,429	5,375	0.99	1.59	5,185	5,133	0.99	1.71	4,941	4,892	0.99	1.85
27	18	5,856	5,095	0.87	1.64	5,673	4,936	0.87	1.76	5,307	4,617	0.87	1.89
27	20	6,344	4,758	0.75	1.68	6,100	4,575	0.75	1.79	5,734	4,301	0.75	1.93
27	22	6,832	4,304	0.63	1.71	6,588	4,150	0.63	1.84	6,222	3,920	0.63	1.96
28	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
28	18	5,856	5,329	0.91	1.64	5,673	5,162	0.91	1.76	5,307	4,829	0.91	1.89
28	20	6,344	5,012	0.79	1.68	6,100	4,819	0.79	1.79	5,734	4,530	0.79	1.93
28	22	6,832	4,577	0.67	1.71	6,588	4,414	0.67	1.84	6,222	4,169	0.67	1.96
30	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
30	18	5,856	5,797	0.99	1.64	5,673	5,616	0.99	1.76	5,307	5,254	0.99	1.89
30	20	6,344	5,519	0.87	1.68	6,100	5,307	0.87	1.79	5,734	4,989	0.87	1.93
30	22	6,832	5,124	0.75	1.71	6,588	4,941	0.75	1.84	6,222	4,667	0.75	1.96
32	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
32	18	5,856	5,856	1.00	1.64	5,673	5,673	1.00	1.76	5,307	5,307	1.00	1.89
32	20	6,344	6,027	0.95	1.68	6,100	5,795	0.95	1.79	5,734	5,447	0.95	1.93
32	22	6,832	5,671	0.83	1.71	6,588	5,468	0.83	1.84	6,222	5,164	0.83	1.96
34	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
34	18	5,856	5,856	1.00	1.64	5,673	5,673	1.00	1.76	5,307	5,307	1.00	1.89
34	20	6,344	6,344	1.00	1.68	6,100	6,100	1.00	1.79	5,734	5,734	1.00	1.93
34	22	6,832	6,217	0.91	1.71	6,588	5,995	0.91	1.84	6,222	5,662	0.91	1.96

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M71KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,639	0.66	1.46	6,816	4,499	0.66	1.54	6,603	4,358	0.66	1.63
20	18	7,526	4,064	0.54	1.48	7,313	3,949	0.54	1.57	7,065	3,815	0.54	1.67
20	20	8,094	3,399	0.42	1.53	7,917	3,325	0.42	1.60	7,704	3,235	0.42	1.71
22	16	7,029	5,201	0.74	1.46	6,816	5,044	0.74	1.54	6,603	4,886	0.74	1.63
22	18	7,526	4,666	0.62	1.48	7,313	4,534	0.62	1.57	7,065	4,380	0.62	1.67
22	20	8,094	4,047	0.50	1.53	7,917	3,958	0.50	1.60	7,704	3,852	0.50	1.71
24	16	7,029	5,764	0.82	1.46	6,816	5,589	0.82	1.54	6,603	5,414	0.82	1.63
24	18	7,526	5,268	0.70	1.48	7,313	5,119	0.70	1.57	7,065	4,945	0.70	1.67
24	20	8,094	4,695	0.58	1.53	7,917	4,592	0.58	1.60	7,704	4,468	0.58	1.71
24	22	8,627	3,968	0.46	1.57	8,449	3,887	0.46	1.66	8,236	3,789	0.46	1.77
26	16	7,029	6,326	0.90	1.46	6,816	6,134	0.90	1.54	6,603	5,943	0.90	1.63
26	18	7,526	5,870	0.78	1.48	7,313	5,704	0.78	1.57	7,065	5,510	0.78	1.67
26	20	8,094	5,342	0.66	1.53	7,917	5,225	0.66	1.60	7,704	5,084	0.66	1.71
26	22	8,627	4,658	0.54	1.57	8,449	4,562	0.54	1.66	8,236	4,447	0.54	1.77
27	16	7,029	6,607	0.94	1.46	6,816	6,407	0.94	1.54	6,603	6,207	0.94	1.63
27	18	7,526	6,171	0.82	1.48	7,313	5,997	0.82	1.57	7,065	5,793	0.82	1.67
27	20	8,094	5,666	0.70	1.53	7,917	5,542	0.70	1.60	7,704	5,392	0.70	1.71
27	22	8,627	5,003	0.58	1.57	8,449	4,900	0.58	1.66	8,236	4,777	0.58	1.77
28	16	7,029	6,888	0.98	1.46	6,816	6,680	0.98	1.54	6,603	6,471	0.98	1.63
28	18	7,526	6,472	0.86	1.48	7,313	6,289	0.86	1.57	7,065	6,075	0.86	1.67
28	20	8,094	5,990	0.74	1.53	7,917	5,858	0.74	1.60	7,704	5,701	0.74	1.71
28	22	8,627	5,348	0.62	1.57	8,449	5,238	0.62	1.66	8,236	5,106	0.62	1.77
30	16	7,029	7,029	1.00	1.46	6,816	6,816	1.00	1.54	6,603	6,603	1.00	1.63
30	18	7,526	7,074	0.94	1.48	7,313	6,874	0.94	1.57	7,065	6,641	0.94	1.67
30	20	8,094	6,637	0.82	1.53	7,917	6,492	0.82	1.60	7,704	6,317	0.82	1.71
30	22	8,627	6,039	0.70	1.57	8,449	5,914	0.70	1.66	8,236	5,765	0.70	1.77
32	16	7,029	7,029	1.00	1.46	6,816	6,816	1.00	1.54	6,603	6,603	1.00	1.63
32	18	7,526	7,526	1.00	1.48	7,313	7,313	1.00	1.57	7,065	7,065	1.00	1.67
32	20	8,094	7,285	0.90	1.53	7,917	7,125	0.90	1.60	7,704	6,933	0.90	1.71
32	22	8,627	6,729	0.78	1.57	8,449	6,590	0.78	1.66	8,236	6,424	0.78	1.77
34	16	7,029	7,029	1.00	1.46	6,816	6,816	1.00	1.54	6,603	6,603	1.00	1.63
34	18	7,526	7,526	1.00	1.48	7,313	7,313	1.00	1.57	7,065	7,065	1.00	1.67
34	20	8,094	7,932	0.98	1.53	7,917	7,758	0.98	1.60	7,704	7,549	0.98	1.71
34	22	8,627	7,419	0.86	1.57	8,449	7,266	0.86	1.66	8,236	7,083	0.86	1.77

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,171	0.66	1.75	6,035	3,983	0.66	1.87	5,751	3,796	0.66	2.03
20	18	6,816	3,681	0.54	1.79	6,603	3,566	0.54	1.93	6,177	3,336	0.54	2.07
20	20	7,384	3,101	0.42	1.84	7,100	2,982	0.42	1.97	6,674	2,803	0.42	2.11
22	16	6,319	4,676	0.74	1.75	6,035	4,466	0.74	1.87	5,751	4,256	0.74	2.03
22	18	6,816	4,226	0.62	1.79	6,603	4,094	0.62	1.93	6,177	3,830	0.62	2.07
22	20	7,384	3,692	0.50	1.84	7,100	3,550	0.50	1.97	6,674	3,337	0.50	2.11
24	16	6,319	5,182	0.82	1.75	6,035	4,949	0.82	1.87	5,751	4,716	0.82	2.03
24	18	6,816	4,771	0.70	1.79	6,603	4,622	0.70	1.93	6,177	4,324	0.70	2.07
24	20	7,384	4,283	0.58	1.84	7,100	4,118	0.58	1.97	6,674	3,871	0.58	2.11
24	22	7,952	3,658	0.46	1.87	7,668	3,527	0.46	2.02	7,242	3,331	0.46	2.15
26	16	6,319	5,687	0.90	1.75	6,035	5,432	0.90	1.87	5,751	5,176	0.90	2.03
26	18	6,816	5,316	0.78	1.79	6,603	5,150	0.78	1.93	6,177	4,818	0.78	2.07
26	20	7,384	4,873	0.66	1.84	7,100	4,686	0.66	1.97	6,674	4,405	0.66	2.11
26	22	7,952	4,294	0.54	1.87	7,668	4,141	0.54	2.02	7,242	3,911	0.54	2.15
27	16	6,319	5,940	0.94	1.75	6,035	5,673	0.94	1.87	5,751	5,406	0.94	2.03
27	18	6,816	5,589	0.82	1.79	6,603	5,414	0.82	1.93	6,177	5,065	0.82	2.07
27	20	7,384	5,169	0.70	1.84	7,100	4,970	0.70	1.97	6,674	4,672	0.70	2.11
27	22	7,952	4,612	0.58	1.87	7,668	4,447	0.58	2.02	7,242	4,200	0.58	2.15
28	16	6,319	6,193	0.98	1.75	6,035	5,914	0.98	1.87	5,751	5,636	0.98	2.03
28	18	6,816	5,862	0.86	1.79	6,603	5,679	0.86	1.93	6,177	5,312	0.86	2.07
28	20	7,384	5,464	0.74	1.84	7,100	5,254	0.74	1.97	6,674	4,939	0.74	2.11
28	22	7,952	4,930	0.62	1.87	7,668	4,754	0.62	2.02	7,242	4,490	0.62	2.15
30	16	6,319	6,319	1.00	1.75	6,035	6,035	1.00	1.87	5,751	5,751	1.00	2.03
30	18	6,816	6,407	0.94	1.79	6,603	6,207	0.94	1.93	6,177	5,806	0.94	2.07
30	20	7,384	6,055	0.82	1.84	7,100	5,822	0.82	1.97	6,674	5,473	0.82	2.11
30	22	7,952	5,566	0.70	1.87	7,668	5,368	0.70	2.02	7,242	5,069	0.70	2.15
32	16	6,319	6,319	1.00	1.75	6,035	6,035	1.00	1.87	5,751	5,751	1.00	2.03
32	18	6,816	6,816	1.00	1.79	6,603	6,603	1.00	1.93	6,177	6,177	1.00	2.07
32	20	7,384	6,646	0.90	1.84	7,100	6,390	0.90	1.97	6,674	6,007	0.90	2.11
32	22	7,952	6,203	0.78	1.87	7,668	5,981	0.78	2.02	7,242	5,649	0.78	2.15
34	16	6,319	6,319	1.00	1.75	6,035	6,035	1.00	1.87	5,751	5,751	1.00	2.03
34	18	6,816	6,816	1.00	1.79	6,603	6,603	1.00	1.93	6,177	6,177	1.00	2.07
34	20	7,384	7,236	0.98	1.84	7,100	6,958	0.98	1.97	6,674	6,541	0.98	2.11
34	22	7,952	6,839	0.86	1.87	7,668	6,594	0.86	2.02	7,242	6,228	0.86	2.15

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M100KA / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,301	0.67	1.94	9,120	6,110	0.67	2.04	8,835	5,919	0.67	2.17
20	18	10,070	5,539	0.55	1.97	9,785	5,382	0.55	2.08	9,453	5,199	0.55	2.23
20	20	10,830	4,657	0.43	2.03	10,593	4,555	0.43	2.13	10,308	4,432	0.43	2.27
22	16	9,405	7,054	0.75	1.94	9,120	6,840	0.75	2.04	8,835	6,626	0.75	2.17
22	18	10,070	6,344	0.63	1.97	9,785	6,165	0.63	2.08	9,453	5,955	0.63	2.23
22	20	10,830	5,523	0.51	2.03	10,593	5,402	0.51	2.13	10,308	5,257	0.51	2.27
24	16	9,405	7,806	0.83	1.94	9,120	7,570	0.83	2.04	8,835	7,333	0.83	2.17
24	18	10,070	7,150	0.71	1.97	9,785	6,947	0.71	2.08	9,453	6,711	0.71	2.23
24	20	10,830	6,390	0.59	2.03	10,593	6,250	0.59	2.13	10,308	6,081	0.59	2.27
24	22	11,543	5,425	0.47	2.08	11,305	5,313	0.47	2.20	11,020	5,179	0.47	2.35
26	16	9,405	8,559	0.91	1.94	9,120	8,299	0.91	2.04	8,835	8,040	0.91	2.17
26	18	10,070	7,955	0.79	1.97	9,785	7,730	0.79	2.08	9,453	7,467	0.79	2.23
26	20	10,830	7,256	0.67	2.03	10,593	7,097	0.67	2.13	10,308	6,906	0.67	2.27
26	22	11,543	6,348	0.55	2.08	11,305	6,218	0.55	2.20	11,020	6,061	0.55	2.35
27	16	9,405	8,935	0.95	1.94	9,120	8,664	0.95	2.04	8,835	8,393	0.95	2.17
27	18	10,070	8,358	0.83	1.97	9,785	8,122	0.83	2.08	9,453	7,846	0.83	2.23
27	20	10,830	7,689	0.71	2.03	10,593	7,521	0.71	2.13	10,308	7,318	0.71	2.27
27	22	11,543	6,810	0.59	2.08	11,305	6,670	0.59	2.20	11,020	6,502	0.59	2.35
28	16	9,405	9,311	0.99	1.94	9,120	9,029	0.99	2.04	8,835	8,747	0.99	2.17
28	18	10,070	8,761	0.87	1.97	9,785	8,513	0.87	2.08	9,453	8,224	0.87	2.23
28	20	10,830	8,123	0.75	2.03	10,593	7,944	0.75	2.13	10,308	7,731	0.75	2.27
28	22	11,543	7,272	0.63	2.08	11,305	7,122	0.63	2.20	11,020	6,943	0.63	2.35
30	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.17
30	18	10,070	9,567	0.95	1.97	9,785	9,296	0.95	2.08	9,453	8,980	0.95	2.23
30	20	10,830	8,989	0.83	2.03	10,593	8,792	0.83	2.13	10,308	8,555	0.83	2.27
30	22	11,543	8,195	0.71	2.08	11,305	8,027	0.71	2.20	11,020	7,824	0.71	2.35
32	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.17
32	18	10,070	10,070	1.00	1.97	9,785	9,785	1.00	2.08	9,453	9,453	1.00	2.23
32	20	10,830	9,855	0.91	2.03	10,593	9,639	0.91	2.13	10,308	9,380	0.91	2.27
32	22	11,543	9,119	0.79	2.08	11,305	8,931	0.79	2.20	11,020	8,706	0.79	2.35
34	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.17
34	18	10,070	10,070	1.00	1.97	9,785	9,785	1.00	2.08	9,453	9,453	1.00	2.23
34	20	10,830	10,722	0.99	2.03	10,593	10,487	0.99	2.13	10,308	10,204	0.99	2.27
34	22	11,543	10,042	0.87	2.08	11,305	9,835	0.87	2.20	11,020	9,587	0.87	2.35

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,665	0.67	2.32	8,075	5,410	0.67	2.49	7,695	5,156	0.67	2.70
20	18	9,120	5,016	0.55	2.38	8,835	4,859	0.55	2.57	8,265	4,546	0.55	2.76
20	20	9,880	4,248	0.43	2.44	9,500	4,085	0.43	2.61	8,930	3,840	0.43	2.81
22	16	8,455	6,341	0.75	2.32	8,075	6,056	0.75	2.49	7,695	5,771	0.75	2.70
22	18	9,120	5,746	0.63	2.38	8,835	5,566	0.63	2.57	8,265	5,207	0.63	2.76
22	20	9,880	5,039	0.51	2.44	9,500	4,845	0.51	2.61	8,930	4,554	0.51	2.81
24	16	8,455	7,018	0.83	2.32	8,075	6,702	0.83	2.49	7,695	6,387	0.83	2.70
24	18	9,120	6,475	0.71	2.38	8,835	6,273	0.71	2.57	8,265	5,868	0.71	2.76
24	20	9,880	5,829	0.59	2.44	9,500	5,605	0.59	2.61	8,930	5,269	0.59	2.81
24	22	10,640	5,001	0.47	2.49	10,260	4,822	0.47	2.69	9,690	4,554	0.47	2.86
26	16	8,455	7,694	0.91	2.32	8,075	7,348	0.91	2.49	7,695	7,002	0.91	2.70
26	18	9,120	7,205	0.79	2.38	8,835	6,980	0.79	2.57	8,265	6,529	0.79	2.76
26	20	9,880	6,620	0.67	2.44	9,500	6,365	0.67	2.61	8,930	5,983	0.67	2.81
26	22	10,640	5,852	0.55	2.49	10,260	5,643	0.55	2.69	9,690	5,330	0.55	2.86
27	16	8,455	8,032	0.95	2.32	8,075	7,671	0.95	2.49	7,695	7,310	0.95	2.70
27	18	9,120	7,570	0.83	2.38	8,835	7,333	0.83	2.57	8,265	6,860	0.83	2.76
27	20	9,880	7,015	0.71	2.44	9,500	6,745	0.71	2.61	8,930	6,340	0.71	2.81
27	22	10,640	6,278	0.59	2.49	10,260	6,053	0.59	2.69	9,690	5,717	0.59	2.86
28	16	8,455	8,370	0.99	2.32	8,075	7,994	0.99	2.49	7,695	7,618	0.99	2.70
28	18	9,120	7,934	0.87	2.38	8,835	7,686	0.87	2.57	8,265	7,191	0.87	2.76
28	20	9,880	7,410	0.75	2.44	9,500	7,125	0.75	2.61	8,930	6,698	0.75	2.81
28	22	10,640	6,703	0.63	2.49	10,260	6,464	0.63	2.69	9,690	6,105	0.63	2.86
30	16	8,455	8,455	1.00	2.32	8,075	8,075	1.00	2.49	7,695	7,695	1.00	2.70
30	18	9,120	8,664	0.95	2.38	8,835	8,393	0.95	2.57	8,265	7,852	0.95	2.76
30	20	9,880	8,200	0.83	2.44	9,500	7,885	0.83	2.61	8,930	7,412	0.83	2.81
30	22	10,640	7,554	0.71	2.49	10,260	7,285	0.71	2.69	9,690	6,880	0.71	2.86
32	16	8,455	8,455	1.00	2.32	8,075	8,075	1.00	2.49	7,695	7,695	1.00	2.70
32	18	9,120	9,120	1.00	2.38	8,835	8,835	1.00	2.57	8,265	8,265	1.00	2.76
32	20	9,880	8,991	0.91	2.44	9,500	8,645	0.91	2.61	8,930	8,126	0.91	2.81
32	22	10,640	8,406	0.79	2.49	10,260	8,105	0.79	2.69	9,690	7,655	0.79	2.86
34	16	8,455	8,455	1.00	2.32	8,075	8,075	1.00	2.49	7,695	7,695	1.00	2.70
34	18	9,120	9,120	1.00	2.38	8,835	8,835	1.00	2.57	8,265	8,265	1.00	2.76
34	20	9,880	9,781	0.99	2.44	9,500	9,405	0.99	2.61	8,930	8,841	0.99	2.81
34	22	10,640	9,257	0.87	2.49	10,260	8,926	0.87	2.69	9,690	8,430	0.87	2.86

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M125KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,673	0.62	3.18	12,000	7,440	0.62	3.36	11,625	7,208	0.62	3.56
20	18	13,250	6,625	0.50	3.24	12,875	6,438	0.50	3.42	12,438	6,219	0.50	3.66
20	20	14,250	5,415	0.38	3.34	13,938	5,296	0.38	3.50	13,563	5,154	0.38	3.74
22	16	12,375	8,663	0.70	3.18	12,000	8,400	0.70	3.36	11,625	8,138	0.70	3.56
22	18	13,250	7,685	0.58	3.24	12,875	7,468	0.58	3.42	12,438	7,214	0.58	3.66
22	20	14,250	6,555	0.46	3.34	13,938	6,411	0.46	3.50	13,563	6,239	0.46	3.74
24	16	12,375	9,653	0.78	3.18	12,000	9,360	0.78	3.36	11,625	9,068	0.78	3.56
24	18	13,250	8,745	0.66	3.24	12,875	8,498	0.66	3.42	12,438	8,209	0.66	3.66
24	20	14,250	7,695	0.54	3.34	13,938	7,526	0.54	3.50	13,563	7,324	0.54	3.74
24	22	15,188	6,379	0.42	3.42	14,875	6,248	0.42	3.62	14,500	6,090	0.42	3.86
26	16	12,375	10,643	0.86	3.18	12,000	10,320	0.86	3.36	11,625	9,998	0.86	3.56
26	18	13,250	9,805	0.74	3.24	12,875	9,528	0.74	3.42	12,438	9,204	0.74	3.66
26	20	14,250	8,835	0.62	3.34	13,938	8,641	0.62	3.50	13,563	8,409	0.62	3.74
26	22	15,188	7,594	0.50	3.42	14,875	7,438	0.50	3.62	14,500	7,250	0.50	3.86
27	16	12,375	11,138	0.90	3.18	12,000	10,800	0.90	3.36	11,625	10,463	0.90	3.56
27	18	13,250	10,335	0.78	3.24	12,875	10,043	0.78	3.42	12,438	9,701	0.78	3.66
27	20	14,250	9,405	0.66	3.34	13,938	9,199	0.66	3.50	13,563	8,951	0.66	3.74
27	22	15,188	8,201	0.54	3.42	14,875	8,033	0.54	3.62	14,500	7,830	0.54	3.86
28	16	12,375	11,633	0.94	3.18	12,000	11,280	0.94	3.36	11,625	10,928	0.94	3.56
28	18	13,250	10,865	0.82	3.24	12,875	10,558	0.82	3.42	12,438	10,199	0.82	3.66
28	20	14,250	9,975	0.70	3.34	13,938	9,756	0.70	3.50	13,563	9,494	0.70	3.74
28	22	15,188	8,809	0.58	3.42	14,875	8,628	0.58	3.62	14,500	8,410	0.58	3.86
30	16	12,375	12,375	1.00	3.18	12,000	12,000	1.00	3.36	11,625	11,625	1.00	3.56
30	18	13,250	11,925	0.90	3.24	12,875	11,588	0.90	3.42	12,438	11,194	0.90	3.66
30	20	14,250	11,115	0.78	3.34	13,938	10,871	0.78	3.50	13,563	10,579	0.78	3.74
30	22	15,188	10,024	0.66	3.42	14,875	9,818	0.66	3.62	14,500	9,570	0.66	3.86
32	16	12,375	12,375	1.00	3.18	12,000	12,000	1.00	3.36	11,625	11,625	1.00	3.56
32	18	13,250	12,985	0.98	3.24	12,875	12,618	0.98	3.42	12,438	12,189	0.98	3.66
32	20	14,250	12,255	0.86	3.34	13,938	11,986	0.86	3.50	13,563	11,664	0.86	3.74
32	22	15,188	11,239	0.74	3.42	14,875	11,008	0.74	3.62	14,500	10,730	0.74	3.86
34	16	12,375	12,375	1.00	3.18	12,000	12,000	1.00	3.36	11,625	11,625	1.00	3.56
34	18	13,250	13,250	1.00	3.24	12,875	12,875	1.00	3.42	12,438	12,438	1.00	3.66
34	20	14,250	13,395	0.94	3.34	13,938	13,101	0.94	3.50	13,563	12,749	0.94	3.74
34	22	15,188	12,454	0.82	3.42	14,875	12,198	0.82	3.62	14,500	11,890	0.82	3.86

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,898	0.62	3.82	10,625	6,588	0.62	4.10	10,125	6,278	0.62	4.44
20	18	12,000	6,000	0.50	3.92	11,625	5,813	0.50	4.22	10,875	5,438	0.50	4.54
20	20	13,000	4,940	0.38	4.02	12,500	4,750	0.38	4.30	11,750	4,465	0.38	4.62
22	16	11,125	7,788	0.70	3.82	10,625	7,438	0.70	4.10	10,125	7,088	0.70	4.44
22	18	12,000	6,960	0.58	3.92	11,625	6,743	0.58	4.22	10,875	6,308	0.58	4.54
22	20	13,000	5,980	0.46	4.02	12,500	5,750	0.46	4.30	11,750	5,405	0.46	4.62
24	16	11,125	8,678	0.78	3.82	10,625	8,288	0.78	4.10	10,125	7,898	0.78	4.44
24	18	12,000	7,920	0.66	3.92	11,625	7,673	0.66	4.22	10,875	7,178	0.66	4.54
24	20	13,000	7,020	0.54	4.02	12,500	6,750	0.54	4.30	11,750	6,345	0.54	4.62
24	22	14,000	5,880	0.42	4.10	13,500	5,670	0.42	4.42	12,750	5,355	0.42	4.70
26	16	11,125	9,568	0.86	3.82	10,625	9,138	0.86	4.10	10,125	8,708	0.86	4.44
26	18	12,000	8,880	0.74	3.92	11,625	8,603	0.74	4.22	10,875	8,048	0.74	4.54
26	20	13,000	8,060	0.62	4.02	12,500	7,750	0.62	4.30	11,750	7,285	0.62	4.62
26	22	14,000	7,000	0.50	4.10	13,500	6,750	0.50	4.42	12,750	6,375	0.50	4.70
27	16	11,125	10,013	0.90	3.82	10,625	9,563	0.90	4.10	10,125	9,113	0.90	4.44
27	18	12,000	9,360	0.78	3.92	11,625	9,068	0.78	4.22	10,875	8,483	0.78	4.54
27	20	13,000	8,580	0.66	4.02	12,500	8,250	0.66	4.30	11,750	7,755	0.66	4.62
27	22	14,000	7,560	0.54	4.10	13,500	7,290	0.54	4.42	12,750	6,885	0.54	4.70
28	16	11,125	10,458	0.94	3.82	10,625	9,988	0.94	4.10	10,125	9,518	0.94	4.44
28	18	12,000	9,840	0.82	3.92	11,625	9,533	0.82	4.22	10,875	8,918	0.82	4.54
28	20	13,000	9,100	0.70	4.02	12,500	8,750	0.70	4.30	11,750	8,225	0.70	4.62
28	22	14,000	8,120	0.58	4.10	13,500	7,830	0.58	4.42	12,750	7,395	0.58	4.70
30	16	11,125	11,125	1.00	3.82	10,625	10,625	1.00	4.10	10,125	10,125	1.00	4.44
30	18	12,000	10,800	0.90	3.92	11,625	10,463	0.90	4.22	10,875	9,788	0.90	4.54
30	20	13,000	10,140	0.78	4.02	12,500	9,750	0.78	4.30	11,750	9,165	0.78	4.62
30	22	14,000	9,240	0.66	4.10	13,500	8,910	0.66	4.42	12,750	8,415	0.66	4.70
32	16	11,125	11,125	1.00	3.82	10,625	10,625	1.00	4.10	10,125	10,125	1.00	4.44
32	18	12,000	11,760	0.98	3.92	11,625	11,393	0.98	4.22	10,875	10,658	0.98	4.54
32	20	13,000	11,180	0.86	4.02	12,500	10,750	0.86	4.30	11,750	10,105	0.86	4.62
32	22	14,000	10,360	0.74	4.10	13,500	9,990	0.74	4.42	12,750	9,435	0.74	4.70
34	16	11,125	11,125	1.00	3.82	10,625	10,625	1.00	4.10	10,125	10,125	1.00	4.44
34	18	12,000	12,000	1.00	3.92	11,625	11,625	1.00	4.22	10,875	10,875	1.00	4.54
34	20	13,000	12,220	0.94	4.02	12,500	11,750	0.94	4.30	11,750	11,045	0.94	4.62
34	22	14,000	11,480	0.82	4.10	13,500	11,070	0.82	4.42	12,750	10,455	0.82	4.70

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M140KA / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,225	0.62	3.16	12,864	7,976	0.62	3.34	12,462	7,726	0.62	3.54
20	18	14,204	7,102	0.50	3.22	13,802	6,901	0.50	3.40	13,333	6,667	0.50	3.63
20	20	15,276	5,805	0.38	3.32	14,941	5,678	0.38	3.48	14,539	5,525	0.38	3.71
22	16	13,266	9,286	0.70	3.16	12,864	9,005	0.70	3.34	12,462	8,723	0.70	3.54
22	18	14,204	8,238	0.58	3.22	13,802	8,005	0.58	3.40	13,333	7,733	0.58	3.63
22	20	15,276	7,027	0.46	3.32	14,941	6,873	0.46	3.48	14,539	6,688	0.46	3.71
24	16	13,266	10,347	0.78	3.16	12,864	10,034	0.78	3.34	12,462	9,720	0.78	3.54
24	18	14,204	9,375	0.66	3.22	13,802	9,109	0.66	3.40	13,333	8,800	0.66	3.63
24	20	15,276	8,249	0.54	3.32	14,941	8,068	0.54	3.48	14,539	7,851	0.54	3.71
24	22	16,281	6,838	0.42	3.40	15,946	6,697	0.42	3.59	15,544	6,528	0.42	3.83
26	16	13,266	11,409	0.86	3.16	12,864	11,063	0.86	3.34	12,462	10,717	0.86	3.54
26	18	14,204	10,511	0.74	3.22	13,802	10,213	0.74	3.40	13,333	9,866	0.74	3.63
26	20	15,276	9,471	0.62	3.32	14,941	9,263	0.62	3.48	14,539	9,014	0.62	3.71
26	22	16,281	8,141	0.50	3.40	15,946	7,973	0.50	3.59	15,544	7,772	0.50	3.83
27	16	13,266	11,939	0.90	3.16	12,864	11,578	0.90	3.34	12,462	11,216	0.90	3.54
27	18	14,204	11,079	0.78	3.22	13,802	10,766	0.78	3.40	13,333	10,400	0.78	3.63
27	20	15,276	10,082	0.66	3.32	14,941	9,861	0.66	3.48	14,539	9,596	0.66	3.71
27	22	16,281	8,792	0.54	3.40	15,946	8,611	0.54	3.59	15,544	8,394	0.54	3.83
28	16	13,266	12,470	0.94	3.16	12,864	12,092	0.94	3.34	12,462	11,714	0.94	3.54
28	18	14,204	11,647	0.82	3.22	13,802	11,318	0.82	3.40	13,333	10,933	0.82	3.63
28	20	15,276	10,693	0.70	3.32	14,941	10,459	0.70	3.48	14,539	10,177	0.70	3.71
28	22	16,281	9,443	0.58	3.40	15,946	9,249	0.58	3.59	15,544	9,016	0.58	3.83
30	16	13,266	13,266	1.00	3.16	12,864	12,864	1.00	3.34	12,462	12,462	1.00	3.54
30	18	14,204	12,784	0.90	3.22	13,802	12,422	0.90	3.40	13,333	12,000	0.90	3.63
30	20	15,276	11,915	0.78	3.32	14,941	11,654	0.78	3.48	14,539	11,340	0.78	3.71
30	22	16,281	10,745	0.66	3.40	15,946	10,524	0.66	3.59	15,544	10,259	0.66	3.83
32	16	13,266	13,266	1.00	3.16	12,864	12,864	1.00	3.34	12,462	12,462	1.00	3.54
32	18	14,204	13,920	0.98	3.22	13,802	13,526	0.98	3.40	13,333	13,066	0.98	3.63
32	20	15,276	13,137	0.86	3.32	14,941	12,849	0.86	3.48	14,539	12,504	0.86	3.71
32	22	16,281	12,048	0.74	3.40	15,946	11,800	0.74	3.59	15,544	11,503	0.74	3.83
34	16	13,266	13,266	1.00	3.16	12,864	12,864	1.00	3.34	12,462	12,462	1.00	3.54
34	18	14,204	14,204	1.00	3.22	13,802	13,802	1.00	3.40	13,333	13,333	1.00	3.63
34	20	15,276	14,359	0.94	3.32	14,941	14,045	0.94	3.48	14,539	13,667	0.94	3.71
34	22	16,281	13,350	0.82	3.40	15,946	13,076	0.82	3.59	15,544	12,746	0.82	3.83

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,394	0.62	3.79	11,390	7,062	0.62	4.07	10,854	6,729	0.62	4.40
20	18	12,864	6,432	0.50	3.89	12,462	6,231	0.50	4.19	11,658	5,829	0.50	4.50
20	20	13,936	5,296	0.38	3.99	13,400	5,092	0.38	4.27	12,596	4,786	0.38	4.58
22	16	11,926	8,348	0.70	3.79	11,390	7,973	0.70	4.07	10,854	7,598	0.70	4.40
22	18	12,864	7,461	0.58	3.89	12,462	7,228	0.58	4.19	11,658	6,762	0.58	4.50
22	20	13,936	6,411	0.46	3.99	13,400	6,164	0.46	4.27	12,596	5,794	0.46	4.58
24	16	11,926	9,302	0.78	3.79	11,390	8,884	0.78	4.07	10,854	8,466	0.78	4.40
24	18	12,864	8,490	0.66	3.89	12,462	8,225	0.66	4.19	11,658	7,694	0.66	4.50
24	20	13,936	7,525	0.54	3.99	13,400	7,236	0.54	4.27	12,596	6,802	0.54	4.58
24	22	15,008	6,303	0.42	4.07	14,472	6,078	0.42	4.38	13,668	5,741	0.42	4.66
26	16	11,926	10,256	0.86	3.79	11,390	9,795	0.86	4.07	10,854	9,334	0.86	4.40
26	18	12,864	9,519	0.74	3.89	12,462	9,222	0.74	4.19	11,658	8,627	0.74	4.50
26	20	13,936	8,640	0.62	3.99	13,400	8,308	0.62	4.27	12,596	7,810	0.62	4.58
26	22	15,008	7,504	0.50	4.07	14,472	7,236	0.50	4.38	13,668	6,834	0.50	4.66
27	16	11,926	10,733	0.90	3.79	11,390	10,251	0.90	4.07	10,854	9,769	0.90	4.40
27	18	12,864	10,034	0.78	3.89	12,462	9,720	0.78	4.19	11,658	9,093	0.78	4.50
27	20	13,936	9,198	0.66	3.99	13,400	8,844	0.66	4.27	12,596	8,313	0.66	4.58
27	22	15,008	8,104	0.54	4.07	14,472	7,815	0.54	4.38	13,668	7,381	0.54	4.66
28	16	11,926	11,210	0.94	3.79	11,390	10,707	0.94	4.07	10,854	10,203	0.94	4.40
28	18	12,864	10,548	0.82	3.89	12,462	10,219	0.82	4.19	11,658	9,560	0.82	4.50
28	20	13,936	9,755	0.70	3.99	13,400	9,380	0.70	4.27	12,596	8,817	0.70	4.58
28	22	15,008	8,705	0.58	4.07	14,472	8,394	0.58	4.38	13,668	7,927	0.58	4.66
30	16	11,926	11,926	1.00	3.79	11,390	11,390	1.00	4.07	10,854	10,854	1.00	4.40
30	18	12,864	11,578	0.90	3.89	12,462	11,216	0.90	4.19	11,658	10,492	0.90	4.50
30	20	13,936	10,870	0.78	3.99	13,400	10,452	0.78	4.27	12,596	9,825	0.78	4.58
30	22	15,008	9,905	0.66	4.07	14,472	9,552	0.66	4.38	13,668	9,021	0.66	4.66
32	16	11,926	11,926	1.00	3.79	11,390	11,390	1.00	4.07	10,854	10,854	1.00	4.40
32	18	12,864	12,607	0.98	3.89	12,462	12,213	0.98	4.19	11,658	11,425	0.98	4.50
32	20	13,936	11,985	0.86	3.99	13,400	11,524	0.86	4.27	12,596	10,833	0.86	4.58
32	22	15,008	11,106	0.74	4.07	14,472	10,709	0.74	4.38	13,668	10,114	0.74	4.66
34	16	11,926	11,926	1.00	3.79	11,390	11,390	1.00	4.07	10,854	10,854	1.00	4.40
34	18	12,864	12,864	1.00	3.89	12,462	12,462	1.00	4.19	11,658	11,658	1.00	4.50
34	20	13,936	13,100	0.94	3.99	13,400	12,596	0.94	4.27	12,596	11,840	0.94	4.58
34	22	15,008	12,307	0.82	4.07	14,472	11,867	0.82	4.38	13,668	11,208	0.82	4.66

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M35KA / SUZ-KA35VA6

CEILING-SUSPENDED PERFORMANCE DATA

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	2,268	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	4,315	1.02	0.840	4,050	4,131	1.02	0.882	3,888	3,966	1.02	0.924	3,744	3,819	1.02	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	4,484	1.06	0.840	4,050	4,293	1.06	0.882	3,888	4,121	1.06	0.924	3,744	3,969	1.06	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	4,653	1.10	0.840	4,050	4,455	1.10	0.882	3,888	4,277	1.10	0.924	3,744	4,118	1.10	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	4,822	1.14	0.840	4,050	4,617	1.14	0.882	3,888	4,432	1.14	0.924	3,744	4,268	1.14	0.966
32	20	4,410	4,498	1.02	0.882	4,230	4,315	1.02	0.935	4,104	4,186	1.02	0.956	3,960	4,039	1.02	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: Q : Capacity (W)
INPUT : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M35KA / SUZ-KA35VA6

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
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	3,599	1.02	1.029	3,240	3,305	1.02	1.092	2,988	3,048	1.02	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	3,740	1.06	1.029	3,240	3,434	1.06	1.092	2,988	3,167	1.06	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	3,881	1.10	1.029	3,240	3,564	1.10	1.092	2,988	3,287	1.10	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	4,022	1.14	1.029	3,240	3,694	1.14	1.092	2,988	3,406	1.14	1.134
32	20	3,708	3,782	1.02	1.071	3,456	3,525	1.02	1.124	3,204	3,268	1.02	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

CEILING-SUSPENDED
PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M50KA / SUZ-KA50VA6

CEILING-SUSPENDED PERFORMANCE DATA

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,875	3,584	0.61	1,240	5,625	3,431	0.61	1,302	5,400	3,294	0.61	1,364	5,200	3,172	0.61	1,426
21	20	6,125	3,001	0.49	1,302	5,875	2,879	0.49	1,380	5,700	2,793	0.49	1,411	5,500	2,695	0.49	1,473
22	18	5,875	3,819	0.65	1,240	5,625	3,656	0.65	1,302	5,400	3,510	0.65	1,364	5,200	3,380	0.65	1,426
22	20	6,125	3,246	0.53	1,302	5,875	3,114	0.53	1,380	5,700	3,021	0.53	1,411	5,500	2,915	0.53	1,473
22	22	6,375	2,614	0.41	1,349	6,150	2,522	0.41	1,434	6,000	2,460	0.41	1,473	5,750	2,358	0.41	1,535
23	18	5,875	4,054	0.69	1,240	5,625	3,881	0.69	1,302	5,400	3,726	0.69	1,364	5,200	3,588	0.69	1,426
23	20	6,125	3,491	0.57	1,302	5,875	3,349	0.57	1,380	5,700	3,249	0.57	1,411	5,500	3,135	0.57	1,473
23	22	6,375	2,869	0.45	1,349	6,150	2,768	0.45	1,434	6,000	2,700	0.45	1,473	5,750	2,588	0.45	1,535
24	18	5,875	4,289	0.73	1,240	5,625	4,106	0.73	1,302	5,400	3,942	0.73	1,364	5,200	3,796	0.73	1,426
24	20	6,125	3,736	0.61	1,302	5,875	3,584	0.61	1,380	5,700	3,477	0.61	1,411	5,500	3,355	0.61	1,473
24	22	6,375	3,124	0.49	1,349	6,150	3,014	0.49	1,434	6,000	2,940	0.49	1,473	5,750	2,818	0.49	1,535
24	24	6,700	2,479	0.37	1,411	6,450	2,387	0.37	1,488	6,300	2,331	0.37	1,535	6,100	2,257	0.37	1,612
25	20	6,125	3,981	0.65	1,302	5,875	3,819	0.65	1,380	5,700	3,705	0.65	1,411	5,500	3,575	0.65	1,473
25	22	6,375	3,379	0.53	1,349	6,150	3,260	0.53	1,434	6,000	3,180	0.53	1,473	5,750	3,048	0.53	1,535
25	24	6,700	2,747	0.41	1,411	6,450	2,645	0.41	1,488	6,300	2,583	0.41	1,535	6,100	2,501	0.41	1,612
26	18	5,875	4,759	0.81	1,240	5,625	4,556	0.81	1,302	5,400	4,374	0.81	1,364	5,200	4,212	0.81	1,426
26	20	6,125	4,226	0.69	1,302	5,875	4,054	0.69	1,380	5,700	3,933	0.69	1,411	5,500	3,795	0.69	1,473
26	22	6,375	3,634	0.57	1,349	6,150	3,506	0.57	1,434	6,000	3,420	0.57	1,473	5,750	3,278	0.57	1,535
26	24	6,700	3,015	0.45	1,411	6,450	2,903	0.45	1,488	6,300	2,835	0.45	1,535	6,100	2,745	0.45	1,612
26	26	6,900	2,277	0.33	1,488	6,700	2,211	0.33	1,566	6,600	2,178	0.33	1,612	6,400	2,112	0.33	1,659
27	18	5,875	4,994	0.85	1,240	5,625	4,781	0.85	1,302	5,400	4,590	0.85	1,364	5,200	4,420	0.85	1,426
27	20	6,125	4,471	0.73	1,302	5,875	4,289	0.73	1,380	5,700	4,161	0.73	1,411	5,500	4,015	0.73	1,473
27	22	6,375	3,889	0.61	1,349	6,150	3,752	0.61	1,434	6,000	3,660	0.61	1,473	5,750	3,508	0.61	1,535
27	24	6,700	3,283	0.49	1,411	6,450	3,161	0.49	1,488	6,300	3,087	0.49	1,535	6,100	2,989	0.49	1,612
27	26	6,900	2,553	0.37	1,488	6,700	2,479	0.37	1,566	6,600	2,442	0.37	1,612	6,400	2,368	0.37	1,659
28	18	5,875	5,229	0.89	1,240	5,625	5,006	0.89	1,302	5,400	4,806	0.89	1,364	5,200	4,628	0.89	1,426
28	20	6,125	4,716	0.77	1,302	5,875	4,524	0.77	1,380	5,700	4,389	0.77	1,411	5,500	4,235	0.77	1,473
28	22	6,375	4,144	0.65	1,349	6,150	3,998	0.65	1,434	6,000	3,900	0.65	1,473	5,750	3,738	0.65	1,535
28	24	6,700	3,551	0.53	1,411	6,450	3,419	0.53	1,488	6,300	3,339	0.53	1,535	6,100	3,233	0.53	1,612
28	26	6,900	2,829	0.41	1,488	6,700	2,747	0.41	1,566	6,600	2,706	0.41	1,612	6,400	2,624	0.41	1,659
29	18	5,875	5,464	0.93	1,240	5,625	5,231	0.93	1,302	5,400	5,022	0.93	1,364	5,200	4,836	0.93	1,426
29	20	6,125	4,961	0.81	1,302	5,875	4,759	0.81	1,380	5,700	4,617	0.81	1,411	5,500	4,455	0.81	1,473
29	22	6,375	4,399	0.69	1,349	6,150	4,244	0.69	1,434	6,000	4,140	0.69	1,473	5,750	3,968	0.69	1,535
29	24	6,700	3,819	0.57	1,411	6,450	3,677	0.57	1,488	6,300	3,591	0.57	1,535	6,100	3,477	0.57	1,612
29	26	6,900	3,105	0.45	1,488	6,700	3,015	0.45	1,566	6,600	2,970	0.45	1,612	6,400	2,880	0.45	1,659
30	18	5,875	5,699	0.97	1,240	5,625	5,456	0.97	1,302	5,400	5,238	0.97	1,364	5,200	5,044	0.97	1,426
30	20	6,125	5,206	0.85	1,302	5,875	4,994	0.85	1,380	5,700	4,845	0.85	1,411	5,500	4,675	0.85	1,473
30	22	6,375	4,654	0.73	1,349	6,150	4,490	0.73	1,434	6,000	4,380	0.73	1,473	5,750	4,198	0.73	1,535
30	24	6,700	4,087	0.61	1,411	6,450	3,935	0.61	1,488	6,300	3,843	0.61	1,535	6,100	3,721	0.61	1,612
30	26	6,900	3,381	0.49	1,488	6,700	3,283	0.49	1,566	6,600	3,234	0.49	1,612	6,400	3,136	0.49	1,659
31	18	5,875	5,934	1.01	1,240	5,625	5,681	1.01	1,302	5,400	5,454	1.01	1,364	5,200	5,252	1.01	1,426
31	20	6,125	5,451	0.89	1,302	5,875	5,229	0.89	1,380	5,700	5,073	0.89	1,411	5,500	4,895	0.89	1,473
31	22	6,375	4,909	0.77	1,349	6,150	4,736	0.77	1,434	6,000	4,620	0.77	1,473	5,750	4,428	0.77	1,535
31	24	6,700	4,355	0.65	1,411	6,450	4,193	0.65	1,488	6,300	4,095	0.65	1,535	6,100	3,965	0.65	1,612
31	26	6,900	3,657	0.53	1,488	6,700	3,551	0.53	1,566	6,600	3,498	0.53	1,612	6,400	3,392	0.53	1,659
32	18	5,875	6,169	1.05	1,240	5,625	5,906	1.05	1,302	5,400	5,670	1.05	1,364	5,200	5,460	1.05	1,426
32	20	6,125	5,696	0.93	1,302	5,875	5,464	0.93	1,380	5,700	5,301	0.93	1,411	5,500	5,115	0.93	1,473
32	22	6,375	5,164	0.81	1,349	6,150	4,982	0.81	1,434	6,000	4,860	0.81	1,473	5,750	4,658	0.81	1,535
32	24	6,700	4,623	0.69	1,411	6,450	4,451	0.69	1,488	6,300	4,347	0.69	1,535	6,100	4,209	0.69	1,612
32	26	6,900	3,933	0.57	1,488	6,700	3,819	0.57	1,566	6,600	3,762	0.57	1,612	6,400	3,648	0.57	1,659

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M50KA / SUZ-KA50VA6

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,900	2,989	0.61	1.519	4,500	2,745	0.61	1.612	4,150	2,532	0.61	1.674
21	20	5,150	2,524	0.49	1.581	4,800	2,352	0.49	1.659	4,450	2,181	0.49	1.752
22	18	4,900	3,185	0.65	1.519	4,500	2,925	0.65	1.612	4,150	2,698	0.65	1.674
22	20	5,150	2,730	0.53	1.581	4,800	2,544	0.53	1.659	4,450	2,359	0.53	1.752
22	22	5,450	2,235	0.41	1.643	5,100	2,091	0.41	1.736	4,750	1,948	0.41	1.798
23	18	4,900	3,381	0.69	1.519	4,500	3,105	0.69	1.612	4,150	2,864	0.69	1.674
23	20	5,150	2,936	0.57	1.581	4,800	2,736	0.57	1.659	4,450	2,537	0.57	1.752
23	22	5,450	2,453	0.45	1.643	5,100	2,295	0.45	1.736	4,750	2,138	0.45	1.798
24	18	4,900	3,577	0.73	1.519	4,500	3,285	0.73	1.612	4,150	3,030	0.73	1.674
24	20	5,150	3,142	0.61	1.581	4,800	2,928	0.61	1.659	4,450	2,715	0.61	1.752
24	22	5,450	2,671	0.49	1.643	5,100	2,499	0.49	1.736	4,750	2,328	0.49	1.798
24	24	5,750	2,128	0.37	1.705	5,400	1,998	0.37	1.783	5,100	1,887	0.37	1.860
25	20	5,150	3,348	0.65	1.581	4,800	3,120	0.65	1.659	4,450	2,893	0.65	1.752
25	22	5,450	2,889	0.53	1.643	5,100	2,703	0.53	1.736	4,750	2,518	0.53	1.798
25	24	5,750	2,358	0.41	1.705	5,400	2,214	0.41	1.783	5,100	2,091	0.41	1.860
26	18	4,900	3,969	0.81	1.519	4,500	3,645	0.81	1.612	4,150	3,362	0.81	1.674
26	20	5,150	3,554	0.69	1.581	4,800	3,312	0.69	1.659	4,450	3,071	0.69	1.752
26	22	5,450	3,107	0.57	1.643	5,100	2,907	0.57	1.736	4,750	2,708	0.57	1.798
26	24	5,750	2,588	0.45	1.705	5,400	2,430	0.45	1.783	5,100	2,295	0.45	1.860
26	26	6,050	1,997	0.33	1.767	5,700	1,881	0.33	1.845	5,350	1,766	0.33	1.922
27	18	4,900	4,165	0.85	1.519	4,500	3,825	0.85	1.612	4,150	3,528	0.85	1.674
27	20	5,150	3,760	0.73	1.581	4,800	3,504	0.73	1.659	4,450	3,249	0.73	1.752
27	22	5,450	3,325	0.61	1.643	5,100	3,111	0.61	1.736	4,750	2,898	0.61	1.798
27	24	5,750	2,818	0.49	1.705	5,400	2,646	0.49	1.783	5,100	2,499	0.49	1.860
27	26	6,050	2,239	0.37	1.767	5,700	2,109	0.37	1.845	5,350	1,980	0.37	1.922
28	18	4,900	4,361	0.89	1.519	4,500	4,005	0.89	1.612	4,150	3,694	0.89	1.674
28	20	5,150	3,966	0.77	1.581	4,800	3,696	0.77	1.659	4,450	3,427	0.77	1.752
28	22	5,450	3,543	0.65	1.643	5,100	3,315	0.65	1.736	4,750	3,088	0.65	1.798
28	24	5,750	3,048	0.53	1.705	5,400	2,862	0.53	1.783	5,100	2,703	0.53	1.860
28	26	6,050	2,481	0.41	1.767	5,700	2,337	0.41	1.845	5,350	2,194	0.41	1.922
29	18	4,900	4,557	0.93	1.519	4,500	4,185	0.93	1.612	4,150	3,860	0.93	1.674
29	20	5,150	4,172	0.81	1.581	4,800	3,888	0.81	1.659	4,450	3,605	0.81	1.752
29	22	5,450	3,761	0.69	1.643	5,100	3,519	0.69	1.736	4,750	3,278	0.69	1.798
29	24	5,750	3,278	0.57	1.705	5,400	3,078	0.57	1.783	5,100	2,907	0.57	1.860
29	26	6,050	2,723	0.45	1.767	5,700	2,565	0.45	1.845	5,350	2,408	0.45	1.922
30	18	4,900	4,753	0.97	1.519	4,500	4,365	0.97	1.612	4,150	4,026	0.97	1.674
30	20	5,150	4,378	0.85	1.581	4,800	4,080	0.85	1.659	4,450	3,783	0.85	1.752
30	22	5,450	3,979	0.73	1.643	5,100	3,723	0.73	1.736	4,750	3,468	0.73	1.798
30	24	5,750	3,508	0.61	1.705	5,400	3,294	0.61	1.783	5,100	3,111	0.61	1.860
30	26	6,050	2,965	0.49	1.767	5,700	2,793	0.49	1.845	5,350	2,622	0.49	1.922
31	18	4,900	4,949	1.01	1.519	4,500	4,545	1.01	1.612	4,150	4,192	1.01	1.674
31	20	5,150	4,584	0.89	1.581	4,800	4,272	0.89	1.659	4,450	3,961	0.89	1.752
31	22	5,450	4,197	0.77	1.643	5,100	3,927	0.77	1.736	4,750	3,658	0.77	1.798
31	24	5,750	3,738	0.65	1.705	5,400	3,510	0.65	1.783	5,100	3,315	0.65	1.860
31	26	6,050	3,207	0.53	1.767	5,700	3,021	0.53	1.845	5,350	2,836	0.53	1.922
32	18	4,900	5,145	1.05	1.519	4,500	4,725	1.05	1.612	4,150	4,358	1.05	1.674
32	20	5,150	4,790	0.93	1.581	4,800	4,464	0.93	1.659	4,450	4,139	0.93	1.752
32	22	5,450	4,415	0.81	1.643	5,100	4,131	0.81	1.736	4,750	3,848	0.81	1.798
32	24	5,750	3,968	0.69	1.705	5,400	3,726	0.69	1.783	5,100	3,519	0.69	1.860
32	26	6,050	3,449	0.57	1.767	5,700	3,249	0.57	1.845	5,350	3,050	0.57	1.922

CEILING-SUSPENDED
PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M60KA / SUZ-KA60VA6

CEILING-SUSPENDED PERFORMANCE DATA

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	4,219	0.63	1.376	6,413	4,040	0.63	1.445	6,156	3,878	0.63	1.514	5,928	3,735	0.63	1.582
21	20	6,983	3,561	0.51	1.445	6,698	3,416	0.51	1.531	6,498	3,314	0.51	1.565	6,270	3,198	0.51	1.634
22	18	6,698	4,487	0.67	1.376	6,413	4,296	0.67	1.445	6,156	4,125	0.67	1.514	5,928	3,972	0.67	1.582
22	20	6,983	3,840	0.55	1.445	6,698	3,684	0.55	1.531	6,498	3,574	0.55	1.565	6,270	3,449	0.55	1.634
22	22	7,268	3,125	0.43	1.496	7,011	3,015	0.43	1.591	6,840	2,941	0.43	1.634	6,555	2,819	0.43	1.703
23	18	6,698	4,755	0.71	1.376	6,413	4,553	0.71	1.445	6,156	4,371	0.71	1.514	5,928	4,209	0.71	1.582
23	20	6,983	4,120	0.59	1.445	6,698	3,952	0.59	1.531	6,498	3,834	0.59	1.565	6,270	3,699	0.59	1.634
23	22	7,268	3,416	0.47	1.496	7,011	3,295	0.47	1.591	6,840	3,215	0.47	1.634	6,555	3,081	0.47	1.703
24	18	6,698	5,023	0.75	1.376	6,413	4,809	0.75	1.445	6,156	4,617	0.75	1.514	5,928	4,446	0.75	1.582
24	20	6,983	4,399	0.63	1.445	6,698	4,219	0.63	1.531	6,498	4,094	0.63	1.565	6,270	3,950	0.63	1.634
24	22	7,268	3,706	0.51	1.496	7,011	3,576	0.51	1.591	6,840	3,488	0.51	1.634	6,555	3,343	0.51	1.703
24	24	7,638	2,979	0.39	1.565	7,353	2,868	0.39	1.651	7,182	2,801	0.39	1.703	6,954	2,712	0.39	1.789
25	20	6,983	4,678	0.67	1.445	6,698	4,487	0.67	1.531	6,498	4,354	0.67	1.565	6,270	4,201	0.67	1.634
25	22	7,268	3,997	0.55	1.496	7,011	3,856	0.55	1.591	6,840	3,762	0.55	1.634	6,555	3,605	0.55	1.703
25	24	7,638	3,284	0.43	1.565	7,353	3,162	0.43	1.651	7,182	3,088	0.43	1.703	6,954	2,990	0.43	1.789
26	18	6,698	5,559	0.83	1.376	6,413	5,322	0.83	1.445	6,156	5,109	0.83	1.514	5,928	4,920	0.83	1.582
26	20	6,983	4,958	0.71	1.445	6,698	4,755	0.71	1.531	6,498	4,614	0.71	1.565	6,270	4,452	0.71	1.634
26	22	7,268	4,288	0.59	1.496	7,011	4,136	0.59	1.591	6,840	4,036	0.59	1.634	6,555	3,867	0.59	1.703
26	24	7,638	3,590	0.47	1.565	7,353	3,456	0.47	1.651	7,182	3,376	0.47	1.703	6,954	3,268	0.47	1.789
26	26	7,866	2,753	0.35	1.651	7,638	2,673	0.35	1.737	7,524	2,633	0.35	1.789	7,296	2,554	0.35	1.840
27	18	6,698	5,827	0.87	1.376	6,413	5,579	0.87	1.445	6,156	5,356	0.87	1.514	5,928	5,157	0.87	1.582
27	20	6,983	5,237	0.75	1.445	6,698	5,023	0.75	1.531	6,498	4,874	0.75	1.565	6,270	4,703	0.75	1.634
27	22	7,268	4,579	0.63	1.496	7,011	4,417	0.63	1.591	6,840	4,309	0.63	1.634	6,555	4,130	0.63	1.703
27	24	7,638	3,895	0.51	1.565	7,353	3,750	0.51	1.651	7,182	3,663	0.51	1.703	6,954	3,547	0.51	1.789
27	26	7,866	3,068	0.39	1.651	7,638	2,979	0.39	1.737	7,524	2,934	0.39	1.789	7,296	2,845	0.39	1.840
28	18	6,698	6,095	0.91	1.376	6,413	5,835	0.91	1.445	6,156	5,602	0.91	1.514	5,928	5,394	0.91	1.582
28	20	6,983	5,516	0.79	1.445	6,698	5,291	0.79	1.531	6,498	5,133	0.79	1.565	6,270	4,953	0.79	1.634
28	22	7,268	4,869	0.67	1.496	7,011	4,697	0.67	1.591	6,840	4,583	0.67	1.634	6,555	4,392	0.67	1.703
28	24	7,638	4,201	0.55	1.565	7,353	4,044	0.55	1.651	7,182	3,950	0.55	1.703	6,954	3,825	0.55	1.789
28	26	7,866	3,382	0.43	1.651	7,638	3,284	0.43	1.737	7,524	3,235	0.43	1.789	7,296	3,137	0.43	1.840
29	18	6,698	6,363	0.95	1.376	6,413	6,092	0.95	1.445	6,156	5,848	0.95	1.514	5,928	5,632	0.95	1.582
29	20	6,983	5,795	0.83	1.445	6,698	5,559	0.83	1.531	6,498	5,393	0.83	1.565	6,270	5,204	0.83	1.634
29	22	7,268	5,160	0.71	1.496	7,011	4,978	0.71	1.591	6,840	4,856	0.71	1.634	6,555	4,654	0.71	1.703
29	24	7,638	4,506	0.59	1.565	7,353	4,338	0.59	1.651	7,182	4,237	0.59	1.703	6,954	4,103	0.59	1.789
29	26	7,866	3,697	0.47	1.651	7,638	3,590	0.47	1.737	7,524	3,536	0.47	1.789	7,296	3,429	0.47	1.840
30	18	6,698	6,631	0.99	1.376	6,413	6,348	0.99	1.445	6,156	6,094	0.99	1.514	5,928	5,869	0.99	1.582
30	20	6,983	6,075	0.87	1.445	6,698	5,827	0.87	1.531	6,498	5,653	0.87	1.565	6,270	5,455	0.87	1.634
30	22	7,268	5,451	0.75	1.496	7,011	5,258	0.75	1.591	6,840	5,130	0.75	1.634	6,555	4,916	0.75	1.703
30	24	7,638	4,812	0.63	1.565	7,353	4,632	0.63	1.651	7,182	4,525	0.63	1.703	6,954	4,381	0.63	1.789
30	26	7,866	4,012	0.51	1.651	7,638	3,895	0.51	1.737	7,524	3,837	0.51	1.789	7,296	3,721	0.51	1.840
31	18	6,698	6,898	1.03	1.376	6,413	6,605	1.03	1.445	6,156	6,341	1.03	1.514	5,928	6,106	1.03	1.582
31	20	6,983	6,354	0.91	1.445	6,698	6,095	0.91	1.531	6,498	5,913	0.91	1.565	6,270	5,706	0.91	1.634
31	22	7,268	5,741	0.79	1.496	7,011	5,539	0.79	1.591	6,840	5,404	0.79	1.634	6,555	5,178	0.79	1.703
31	24	7,638	5,117	0.67	1.565	7,353	4,927	0.67	1.651	7,182	4,812	0.67	1.703	6,954	4,659	0.67	1.789
31	26	7,866	4,326	0.55	1.651	7,638	4,201	0.55	1.737	7,524	4,138	0.55	1.789	7,296	4,013	0.55	1.840
32	18	6,698	7,166	1.07	1.376	6,413	6,861	1.07	1.445	6,156	6,587	1.07	1.514	5,928	6,343	1.07	1.582
32	20	6,983	6,633	0.95	1.445	6,698	6,363	0.95	1.531	6,498	6,173	0.95	1.565	6,270	5,957	0.95	1.634
32	22	7,268	6,032	0.83	1.496	7,011	5,819	0.83	1.591	6,840	5,677	0.83	1.634	6,555	5,441	0.83	1.703
32	24	7,638	5,423	0.71	1.565	7,353	5,221	0.71	1.651	7,182	5,099	0.71	1.703	6,954	4,937	0.71	1.789
32	26	7,866	4,641	0.59	1.651	7,638	4,506	0.59	1.737	7,524	4,439	0.59	1.789	7,296	4,305	0.59	1.840

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M60KA / SUZ-KA60VA6

CEILING-SUSPENDED
PERFORMANCE DATA

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,586	3,519	0.63	1.686	5,130	3,232	0.63	1.789	4,731	2,981	0.63	1.858
21	20	5,871	2,994	0.51	1.754	5,472	2,791	0.51	1.840	5,073	2,587	0.51	1.944
22	18	5,586	3,743	0.67	1.686	5,130	3,437	0.67	1.789	4,731	3,170	0.67	1.858
22	20	5,871	3,229	0.55	1.754	5,472	3,010	0.55	1.840	5,073	2,790	0.55	1.944
22	22	6,213	2,672	0.43	1.823	5,814	2,500	0.43	1.926	5,415	2,328	0.43	1.995
23	18	5,586	3,966	0.71	1.686	5,130	3,642	0.71	1.789	4,731	3,359	0.71	1.858
23	20	5,871	3,464	0.59	1.754	5,472	3,228	0.59	1.840	5,073	2,993	0.59	1.944
23	22	6,213	2,920	0.47	1.823	5,814	2,733	0.47	1.926	5,415	2,545	0.47	1.995
24	18	5,586	4,190	0.75	1.686	5,130	3,848	0.75	1.789	4,731	3,548	0.75	1.858
24	20	5,871	3,699	0.63	1.754	5,472	3,447	0.63	1.840	5,073	3,196	0.63	1.944
24	22	6,213	3,169	0.51	1.823	5,814	2,965	0.51	1.926	5,415	2,762	0.51	1.995
24	24	6,555	2,556	0.39	1.892	6,156	2,401	0.39	1.978	5,814	2,267	0.39	2.064
25	20	5,871	3,934	0.67	1.754	5,472	3,666	0.67	1.840	5,073	3,399	0.67	1.944
25	22	6,213	3,417	0.55	1.823	5,814	3,198	0.55	1.926	5,415	2,978	0.55	1.995
25	24	6,555	2,819	0.43	1.892	6,156	2,647	0.43	1.978	5,814	2,500	0.43	2.064
26	18	5,586	4,636	0.83	1.686	5,130	4,258	0.83	1.789	4,731	3,927	0.83	1.858
26	20	5,871	4,168	0.71	1.754	5,472	3,885	0.71	1.840	5,073	3,602	0.71	1.944
26	22	6,213	3,666	0.59	1.823	5,814	3,430	0.59	1.926	5,415	3,195	0.59	1.995
26	24	6,555	3,081	0.47	1.892	6,156	2,893	0.47	1.978	5,814	2,733	0.47	2.064
26	26	6,897	2,414	0.35	1.961	6,498	2,274	0.35	2.047	6,099	2,135	0.35	2.133
27	18	5,586	4,860	0.87	1.686	5,130	4,463	0.87	1.789	4,731	4,116	0.87	1.858
27	20	5,871	4,403	0.75	1.754	5,472	4,104	0.75	1.840	5,073	3,805	0.75	1.944
27	22	6,213	3,914	0.63	1.823	5,814	3,663	0.63	1.926	5,415	3,411	0.63	1.995
27	24	6,555	3,343	0.51	1.892	6,156	3,140	0.51	1.978	5,814	2,965	0.51	2.064
27	26	6,897	2,690	0.39	1.961	6,498	2,534	0.39	2.047	6,099	2,379	0.39	2.133
28	18	5,586	5,083	0.91	1.686	5,130	4,668	0.91	1.789	4,731	4,305	0.91	1.858
28	20	5,871	4,638	0.79	1.754	5,472	4,323	0.79	1.840	5,073	4,008	0.79	1.944
28	22	6,213	4,163	0.67	1.823	5,814	3,895	0.67	1.926	5,415	3,628	0.67	1.995
28	24	6,555	3,605	0.55	1.892	6,156	3,386	0.55	1.978	5,814	3,198	0.55	2.064
28	26	6,897	2,966	0.43	1.961	6,498	2,794	0.43	2.047	6,099	2,623	0.43	2.133
29	18	5,586	5,307	0.95	1.686	5,130	4,874	0.95	1.789	4,731	4,494	0.95	1.858
29	20	5,871	4,873	0.83	1.754	5,472	4,542	0.83	1.840	5,073	4,211	0.83	1.944
29	22	6,213	4,411	0.71	1.823	5,814	4,128	0.71	1.926	5,415	3,845	0.71	1.995
29	24	6,555	3,867	0.59	1.892	6,156	3,632	0.59	1.978	5,814	3,430	0.59	2.064
29	26	6,897	3,242	0.47	1.961	6,498	3,054	0.47	2.047	6,099	2,867	0.47	2.133
30	18	5,586	5,530	0.99	1.686	5,130	5,079	0.99	1.789	4,731	4,684	0.99	1.858
30	20	5,871	5,108	0.87	1.754	5,472	4,761	0.87	1.840	5,073	4,414	0.87	1.944
30	22	6,213	4,660	0.75	1.823	5,814	4,361	0.75	1.926	5,415	4,061	0.75	1.995
30	24	6,555	4,130	0.63	1.892	6,156	3,878	0.63	1.978	5,814	3,663	0.63	2.064
30	26	6,897	3,517	0.51	1.961	6,498	3,314	0.51	2.047	6,099	3,110	0.51	2.133
31	18	5,586	5,754	1.03	1.686	5,130	5,284	1.03	1.789	4,731	4,873	1.03	1.858
31	20	5,871	5,343	0.91	1.754	5,472	4,980	0.91	1.840	5,073	4,616	0.91	1.944
31	22	6,213	4,908	0.79	1.823	5,814	4,593	0.79	1.926	5,415	4,278	0.79	1.995
31	24	6,555	4,392	0.67	1.892	6,156	4,125	0.67	1.978	5,814	3,895	0.67	2.064
31	26	6,897	3,793	0.55	1.961	6,498	3,574	0.55	2.047	6,099	3,354	0.55	2.133
32	18	5,586	5,977	1.07	1.686	5,130	5,489	1.07	1.789	4,731	5,062	1.07	1.858
32	20	5,871	5,577	0.95	1.754	5,472	5,198	0.95	1.840	5,073	4,819	0.95	1.944
32	22	6,213	5,157	0.83	1.823	5,814	4,826	0.83	1.926	5,415	4,494	0.83	1.995
32	24	6,555	4,654	0.71	1.892	6,156	4,371	0.71	1.978	5,814	4,128	0.71	2.064
32	26	6,897	4,069	0.59	1.961	6,498	3,834	0.59	2.047	6,099	3,598	0.59	2.133

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

**COOLING CAPACITY
PCA-M71KA / SUZ-KA71VA6**

CEILING-SUSPENDED PERFORMANCE DATA

		OUTDOOR DB(°C)															
INDOOR DB(°C)	INDOOR WB(°C)	21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,839	0.58	1.664	7,988	4,633	0.58	1.747	7,668	4,447	0.58	1.830	7,384	4,283	0.58	1.914
21	20	8,698	4,001	0.46	1.747	8,343	3,838	0.46	1.851	8,094	3,723	0.46	1.893	7,810	3,593	0.46	1.976
22	18	8,343	5,172	0.62	1.664	7,988	4,952	0.62	1.747	7,668	4,754	0.62	1.830	7,384	4,578	0.62	1.914
22	20	8,698	4,349	0.50	1.747	8,343	4,171	0.50	1.851	8,094	4,047	0.50	1.893	7,810	3,905	0.50	1.976
22	22	9,053	3,440	0.38	1.810	8,733	3,319	0.38	1.924	8,520	3,238	0.38	1.976	8,165	3,103	0.38	2.059
23	18	8,343	5,506	0.66	1.664	7,988	5,272	0.66	1.747	7,668	5,061	0.66	1.830	7,384	4,873	0.66	1.914
23	20	8,698	4,697	0.54	1.747	8,343	4,505	0.54	1.851	8,094	4,371	0.54	1.893	7,810	4,217	0.54	1.976
23	22	9,053	3,802	0.42	1.810	8,733	3,668	0.42	1.924	8,520	3,578	0.42	1.976	8,165	3,429	0.42	2.059
24	18	8,343	5,840	0.70	1.664	7,988	5,591	0.70	1.747	7,668	5,368	0.70	1.830	7,384	5,169	0.70	1.914
24	20	8,698	5,045	0.58	1.747	8,343	4,839	0.58	1.851	8,094	4,695	0.58	1.893	7,810	4,530	0.58	1.976
24	22	9,053	4,164	0.46	1.810	8,733	4,017	0.46	1.924	8,520	3,919	0.46	1.976	8,165	3,756	0.46	2.059
24	24	9,514	3,235	0.34	1.893	9,159	3,114	0.34	1.997	8,946	3,042	0.34	2.059	8,662	2,945	0.34	2.163
25	20	8,698	5,392	0.62	1.747	8,343	5,172	0.62	1.851	8,094	5,018	0.62	1.893	7,810	4,842	0.62	1.976
25	22	9,053	4,526	0.50	1.810	8,733	4,367	0.50	1.924	8,520	4,260	0.50	1.976	8,165	4,083	0.50	2.059
25	24	9,514	3,615	0.38	1.893	9,159	3,480	0.38	1.997	8,946	3,399	0.38	2.059	8,662	3,292	0.38	2.163
26	18	8,343	6,507	0.78	1.664	7,988	6,230	0.78	1.747	7,668	5,981	0.78	1.830	7,384	5,760	0.78	1.914
26	20	8,698	5,740	0.66	1.747	8,343	5,506	0.66	1.851	8,094	5,342	0.66	1.893	7,810	5,155	0.66	1.976
26	22	9,053	4,888	0.54	1.810	8,733	4,716	0.54	1.924	8,520	4,601	0.54	1.976	8,165	4,409	0.54	2.059
26	24	9,514	3,996	0.42	1.893	9,159	3,847	0.42	1.997	8,946	3,757	0.42	2.059	8,662	3,638	0.42	2.163
26	26	9,798	2,939	0.30	1.997	9,514	2,854	0.30	2.101	9,372	2,812	0.30	2.163	9,088	2,726	0.30	2.226
27	18	8,343	6,841	0.82	1.664	7,988	6,550	0.82	1.747	7,668	6,288	0.82	1.830	7,384	6,055	0.82	1.914
27	20	8,698	6,088	0.70	1.747	8,343	5,840	0.70	1.851	8,094	5,666	0.70	1.893	7,810	5,467	0.70	1.976
27	22	9,053	5,250	0.58	1.810	8,733	5,065	0.58	1.924	8,520	4,942	0.58	1.976	8,165	4,736	0.58	2.059
27	24	9,514	4,376	0.46	1.893	9,159	4,213	0.46	1.997	8,946	4,115	0.46	2.059	8,662	3,985	0.46	2.163
27	26	9,798	3,331	0.34	1.997	9,514	3,235	0.34	2.101	9,372	3,186	0.34	2.163	9,088	3,090	0.34	2.226
28	18	8,343	7,175	0.86	1.664	7,988	6,869	0.86	1.747	7,668	6,594	0.86	1.830	7,384	6,350	0.86	1.914
28	20	8,698	6,436	0.74	1.747	8,343	6,173	0.74	1.851	8,094	5,990	0.74	1.893	7,810	5,779	0.74	1.976
28	22	9,053	5,613	0.62	1.810	8,733	5,414	0.62	1.924	8,520	5,282	0.62	1.976	8,165	5,062	0.62	2.059
28	24	9,514	4,757	0.50	1.893	9,159	4,580	0.50	1.997	8,946	4,473	0.50	2.059	8,662	4,331	0.50	2.163
28	26	9,798	3,723	0.38	1.997	9,514	3,615	0.38	2.101	9,372	3,561	0.38	2.163	9,088	3,453	0.38	2.226
29	18	8,343	7,508	0.90	1.664	7,988	7,189	0.90	1.747	7,668	6,901	0.90	1.830	7,384	6,646	0.90	1.914
29	20	8,698	6,784	0.78	1.747	8,343	6,507	0.78	1.851	8,094	6,313	0.78	1.893	7,810	6,092	0.78	1.976
29	22	9,053	5,975	0.66	1.810	8,733	5,764	0.66	1.924	8,520	5,623	0.66	1.976	8,165	5,389	0.66	2.059
29	24	9,514	5,138	0.54	1.893	9,159	4,946	0.54	1.997	8,946	4,831	0.54	2.059	8,662	4,677	0.54	2.163
29	26	9,798	4,115	0.42	1.997	9,514	3,996	0.42	2.101	9,372	3,936	0.42	2.163	9,088	3,817	0.42	2.226
30	18	8,343	7,842	0.94	1.664	7,988	7,508	0.94	1.747	7,668	7,208	0.94	1.830	7,384	6,941	0.94	1.914
30	20	8,698	7,132	0.82	1.747	8,343	6,841	0.82	1.851	8,094	6,637	0.82	1.893	7,810	6,404	0.82	1.976
30	22	9,053	6,337	0.70	1.810	8,733	6,113	0.70	1.924	8,520	5,964	0.70	1.976	8,165	5,716	0.70	2.059
30	24	9,514	5,518	0.58	1.893	9,159	5,312	0.58	1.997	8,946	5,189	0.58	2.059	8,662	5,024	0.58	2.163
30	26	9,798	4,507	0.46	1.997	9,514	4,376	0.46	2.101	9,372	4,311	0.46	2.163	9,088	4,180	0.46	2.226
31	18	8,343	8,176	0.98	1.664	7,988	7,828	0.98	1.747	7,668	7,515	0.98	1.830	7,384	7,236	0.98	1.914
31	20	8,698	7,480	0.86	1.747	8,343	7,175	0.86	1.851	8,094	6,961	0.86	1.893	7,810	6,717	0.86	1.976
31	22	9,053	6,699	0.74	1.810	8,733	6,462	0.74	1.924	8,520	6,305	0.74	1.976	8,165	6,042	0.74	2.059
31	24	9,514	5,899	0.62	1.893	9,159	5,679	0.62	1.997	8,946	5,547	0.62	2.059	8,662	5,370	0.62	2.163
31	26	9,798	4,899	0.50	1.997	9,514	4,757	0.50	2.101	9,372	4,686	0.50	2.163	9,088	4,544	0.50	2.226
32	18	8,343	8,509	1.02	1.664	7,988	8,147	1.02	1.747	7,668	7,821	1.02	1.830	7,384	7,532	1.02	1.914
32	20	8,698	7,828	0.90	1.747	8,343	7,508	0.90	1.851	8,094	7,285	0.90	1.893	7,810	7,029	0.90	1.976
32	22	9,053	7,061	0.78	1.810	8,733	6,812	0.78	1.924	8,520	6,646	0.78	1.976	8,165	6,369	0.78	2.059
32	24	9,514	6,279	0.66	1.893	9,159	6,045	0.66	1.997	8,946	5,904	0.66	2.059	8,662	5,717	0.66	2.163
32	26	9,798	5,291	0.54	1.997	9,514	5,138	0.54	2.101	9,372	5,061	0.54	2.163	9,088	4,908	0.54	2.226

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M71KA / SUZ-KA71VA6

CEILING-SUSPENDED
PERFORMANCE DATA

		OUTDOOR DB(°C)											
INDOOR DB(°C)	INDOOR WB(°C)	35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,036	0.58	2.038	6,390	3,706	0.58	2.163	5,893	3,418	0.58	2.246
21	20	7,313	3,364	0.46	2.122	6,816	3,135	0.46	2.226	6,319	2,907	0.46	2.350
22	18	6,958	4,314	0.62	2.038	6,390	3,962	0.62	2.163	5,893	3,654	0.62	2.246
22	20	7,313	3,657	0.50	2.122	6,816	3,408	0.50	2.226	6,319	3,160	0.50	2.350
22	22	7,739	2,941	0.38	2.205	7,242	2,752	0.38	2.330	6,745	2,563	0.38	2.413
23	18	6,958	4,592	0.66	2.038	6,390	4,217	0.66	2.163	5,893	3,889	0.66	2.246
23	20	7,313	3,949	0.54	2.122	6,816	3,681	0.54	2.226	6,319	3,412	0.54	2.350
23	22	7,739	3,250	0.42	2.205	7,242	3,042	0.42	2.330	6,745	2,833	0.42	2.413
24	18	6,958	4,871	0.70	2.038	6,390	4,473	0.70	2.163	5,893	4,125	0.70	2.246
24	20	7,313	4,242	0.58	2.122	6,816	3,953	0.58	2.226	6,319	3,665	0.58	2.350
24	22	7,739	3,560	0.46	2.205	7,242	3,331	0.46	2.330	6,745	3,103	0.46	2.413
24	24	8,165	2,776	0.34	2.288	7,668	2,607	0.34	2.392	7,242	2,462	0.34	2.496
25	20	7,313	4,534	0.62	2.122	6,816	4,226	0.62	2.226	6,319	3,918	0.62	2.350
25	22	7,739	3,870	0.50	2.205	7,242	3,621	0.50	2.330	6,745	3,373	0.50	2.413
25	24	8,165	3,103	0.38	2.288	7,668	2,914	0.38	2.392	7,242	2,752	0.38	2.496
26	18	6,958	5,427	0.78	2.038	6,390	4,984	0.78	2.163	5,893	4,597	0.78	2.246
26	20	7,313	4,827	0.66	2.122	6,816	4,499	0.66	2.226	6,319	4,171	0.66	2.350
26	22	7,739	4,179	0.54	2.205	7,242	3,911	0.54	2.330	6,745	3,642	0.54	2.413
26	24	8,165	3,429	0.42	2.288	7,668	3,221	0.42	2.392	7,242	3,042	0.42	2.496
26	26	8,591	2,577	0.30	2.371	8,094	2,428	0.30	2.475	7,597	2,279	0.30	2.579
27	18	6,958	5,706	0.82	2.038	6,390	5,240	0.82	2.163	5,893	4,832	0.82	2.246
27	20	7,313	5,119	0.70	2.122	6,816	4,771	0.70	2.226	6,319	4,423	0.70	2.350
27	22	7,739	4,489	0.58	2.205	7,242	4,200	0.58	2.330	6,745	3,912	0.58	2.413
27	24	8,165	3,756	0.46	2.288	7,668	3,527	0.46	2.392	7,242	3,331	0.46	2.496
27	26	8,591	2,921	0.34	2.371	8,094	2,752	0.34	2.475	7,597	2,583	0.34	2.579
28	18	6,958	5,984	0.86	2.038	6,390	5,495	0.86	2.163	5,893	5,068	0.86	2.246
28	20	7,313	5,412	0.74	2.122	6,816	5,044	0.74	2.226	6,319	4,676	0.74	2.350
28	22	7,739	4,798	0.62	2.205	7,242	4,490	0.62	2.330	6,745	4,182	0.62	2.413
28	24	8,165	4,083	0.50	2.288	7,668	3,834	0.50	2.392	7,242	3,621	0.50	2.496
28	26	8,591	3,265	0.38	2.371	8,094	3,076	0.38	2.475	7,597	2,887	0.38	2.579
29	18	6,958	6,262	0.90	2.038	6,390	5,751	0.90	2.163	5,893	5,304	0.90	2.246
29	20	7,313	5,704	0.78	2.122	6,816	5,316	0.78	2.226	6,319	4,929	0.78	2.350
29	22	7,739	5,108	0.66	2.205	7,242	4,780	0.66	2.330	6,745	4,452	0.66	2.413
29	24	8,165	4,409	0.54	2.288	7,668	4,141	0.54	2.392	7,242	3,911	0.54	2.496
29	26	8,591	3,608	0.42	2.371	8,094	3,399	0.42	2.475	7,597	3,191	0.42	2.579
30	18	6,958	6,541	0.94	2.038	6,390	6,007	0.94	2.163	5,893	5,539	0.94	2.246
30	20	7,313	5,997	0.82	2.122	6,816	5,589	0.82	2.226	6,319	5,182	0.82	2.350
30	22	7,739	5,417	0.70	2.205	7,242	5,069	0.70	2.330	6,745	4,722	0.70	2.413
30	24	8,165	4,736	0.58	2.288	7,668	4,447	0.58	2.392	7,242	4,200	0.58	2.496
30	26	8,591	3,952	0.46	2.371	8,094	3,723	0.46	2.475	7,597	3,495	0.46	2.579
31	18	6,958	6,819	0.98	2.038	6,390	6,262	0.98	2.163	5,893	5,775	0.98	2.246
31	20	7,313	6,289	0.86	2.122	6,816	5,862	0.86	2.226	6,319	5,434	0.86	2.350
31	22	7,739	5,727	0.74	2.205	7,242	5,359	0.74	2.330	6,745	4,991	0.74	2.413
31	24	8,165	5,062	0.62	2.288	7,668	4,754	0.62	2.392	7,242	4,490	0.62	2.496
31	26	8,591	4,296	0.50	2.371	8,094	4,047	0.50	2.475	7,597	3,799	0.50	2.579
32	18	6,958	7,097	1.02	2.038	6,390	6,518	1.02	2.163	5,893	6,011	1.02	2.246
32	20	7,313	6,582	0.90	2.122	6,816	6,134	0.90	2.226	6,319	5,687	0.90	2.350
32	22	7,739	6,036	0.78	2.205	7,242	5,649	0.78	2.330	6,745	5,261	0.78	2.413
32	24	8,165	5,389	0.66	2.288	7,668	5,061	0.66	2.392	7,242	4,780	0.66	2.496
32	26	8,591	4,639	0.54	2.371	8,094	4,371	0.54	2.475	7,597	4,102	0.54	2.579

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-M100KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,235	0.67	2.44	9,024	6,046	0.67	2.58	8,742	5,857	0.67	2.73
20	18	9,964	5,480	0.55	2.49	9,682	5,325	0.55	2.62	9,353	5,144	0.55	2.81
20	20	10,716	4,608	0.43	2.56	10,481	4,507	0.43	2.68	10,199	4,386	0.43	2.87
22	16	9,306	6,980	0.75	2.44	9,024	6,768	0.75	2.58	8,742	6,557	0.75	2.73
22	18	9,964	6,277	0.63	2.49	9,682	6,100	0.63	2.62	9,353	5,892	0.63	2.81
22	20	10,716	5,465	0.51	2.56	10,481	5,345	0.51	2.68	10,199	5,201	0.51	2.87
24	16	9,306	7,724	0.83	2.44	9,024	7,490	0.83	2.58	8,742	7,256	0.83	2.73
24	18	9,964	7,074	0.71	2.49	9,682	6,874	0.71	2.62	9,353	6,641	0.71	2.81
24	20	10,716	6,322	0.59	2.56	10,481	6,184	0.59	2.68	10,199	6,017	0.59	2.87
24	22	11,421	5,368	0.47	2.62	11,186	5,257	0.47	2.78	10,904	5,125	0.47	2.96
26	16	9,306	8,468	0.91	2.44	9,024	8,212	0.91	2.58	8,742	7,955	0.91	2.73
26	18	9,964	7,872	0.79	2.49	9,682	7,649	0.79	2.62	9,353	7,389	0.79	2.81
26	20	10,716	7,180	0.67	2.56	10,481	7,022	0.67	2.68	10,199	6,833	0.67	2.87
26	22	11,421	6,282	0.55	2.62	11,186	6,152	0.55	2.78	10,904	5,997	0.55	2.96
27	16	9,306	8,841	0.95	2.44	9,024	8,573	0.95	2.58	8,742	8,305	0.95	2.73
27	18	9,964	8,270	0.83	2.49	9,682	8,036	0.83	2.62	9,353	7,763	0.83	2.81
27	20	10,716	7,608	0.71	2.56	10,481	7,442	0.71	2.68	10,199	7,241	0.71	2.87
27	22	11,421	6,738	0.59	2.62	11,186	6,600	0.59	2.78	10,904	6,433	0.59	2.96
28	16	9,306	9,213	0.99	2.44	9,024	8,934	0.99	2.58	8,742	8,655	0.99	2.73
28	18	9,964	8,669	0.87	2.49	9,682	8,423	0.87	2.62	9,353	8,137	0.87	2.81
28	20	10,716	8,037	0.75	2.56	10,481	7,861	0.75	2.68	10,199	7,649	0.75	2.87
28	22	11,421	7,195	0.63	2.62	11,186	7,047	0.63	2.78	10,904	6,870	0.63	2.96
30	16	9,306	9,306	1.00	2.44	9,024	9,024	1.00	2.58	8,742	8,742	1.00	2.73
30	18	9,964	9,466	0.95	2.49	9,682	9,198	0.95	2.62	9,353	8,885	0.95	2.81
30	20	10,716	8,894	0.83	2.56	10,481	8,699	0.83	2.68	10,199	8,465	0.83	2.87
30	22	11,421	8,109	0.71	2.62	11,186	7,942	0.71	2.78	10,904	7,742	0.71	2.96
32	16	9,306	9,306	1.00	2.44	9,024	9,024	1.00	2.58	8,742	8,742	1.00	2.73
32	18	9,964	9,964	1.00	2.49	9,682	9,682	1.00	2.62	9,353	9,353	1.00	2.81
32	20	10,716	9,752	0.91	2.56	10,481	9,538	0.91	2.68	10,199	9,281	0.91	2.87
32	22	11,421	9,023	0.79	2.62	11,186	8,837	0.79	2.78	10,904	8,614	0.79	2.96
34	16	9,306	9,306	1.00	2.44	9,024	9,024	1.00	2.58	8,742	8,742	1.00	2.73
34	18	9,964	9,964	1.00	2.49	9,682	9,682	1.00	2.62	9,353	9,353	1.00	2.81
34	20	10,716	10,609	0.99	2.56	10,481	10,376	0.99	2.68	10,199	10,097	0.99	2.87
34	22	11,421	9,936	0.87	2.62	11,186	9,732	0.87	2.78	10,904	9,486	0.87	2.96

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,605	0.67	2.93	7,990	5,353	0.67	3.14	7,614	5,101	0.67	3.40
20	18	9,024	4,963	0.55	3.00	8,742	4,808	0.55	3.23	8,178	4,498	0.55	3.48
20	20	9,776	4,204	0.43	3.08	9,400	4,042	0.43	3.29	8,836	3,799	0.43	3.54
22	16	8,366	6,275	0.75	2.93	7,990	5,993	0.75	3.14	7,614	5,711	0.75	3.40
22	18	9,024	5,685	0.63	3.00	8,742	5,507	0.63	3.23	8,178	5,152	0.63	3.48
22	20	9,776	4,986	0.51	3.08	9,400	4,794	0.51	3.29	8,836	4,506	0.51	3.54
24	16	8,366	6,944	0.83	2.93	7,990	6,632	0.83	3.14	7,614	6,320	0.83	3.40
24	18	9,024	6,407	0.71	3.00	8,742	6,207	0.71	3.23	8,178	5,806	0.71	3.48
24	20	9,776	5,768	0.59	3.08	9,400	5,546	0.59	3.29	8,836	5,213	0.59	3.54
24	22	10,528	4,948	0.47	3.14	10,152	4,771	0.47	3.39	9,588	4,506	0.47	3.60
26	16	8,366	7,613	0.91	2.93	7,990	7,271	0.91	3.14	7,614	6,929	0.91	3.40
26	18	9,024	7,129	0.79	3.00	8,742	6,906	0.79	3.23	8,178	6,461	0.79	3.48
26	20	9,776	6,550	0.67	3.08	9,400	6,298	0.67	3.29	8,836	5,920	0.67	3.54
26	22	10,528	5,790	0.55	3.14	10,152	5,584	0.55	3.39	9,588	5,273	0.55	3.60
27	16	8,366	7,948	0.95	2.93	7,990	7,591	0.95	3.14	7,614	7,233	0.95	3.40
27	18	9,024	7,490	0.83	3.00	8,742	7,256	0.83	3.23	8,178	6,788	0.83	3.48
27	20	9,776	6,941	0.71	3.08	9,400	6,674	0.71	3.29	8,836	6,274	0.71	3.54
27	22	10,528	6,212	0.59	3.14	10,152	5,990	0.59	3.39	9,588	5,657	0.59	3.60
28	16	8,366	8,282	0.99	2.93	7,990	7,910	0.99	3.14	7,614	7,538	0.99	3.40
28	18	9,024	7,851	0.87	3.00	8,742	7,606	0.87	3.23	8,178	7,115	0.87	3.48
28	20	9,776	7,332	0.75	3.08	9,400	7,050	0.75	3.29	8,836	6,627	0.75	3.54
28	22	10,528	6,633	0.63	3.14	10,152	6,396	0.63	3.39	9,588	6,040	0.63	3.60
30	16	8,366	8,366	1.00	2.93	7,990	7,990	1.00	3.14	7,614	7,614	1.00	3.40
30	18	9,024	8,573	0.95	3.00	8,742	8,305	0.95	3.23	8,178	7,769	0.95	3.48
30	20	9,776	8,114	0.83	3.08	9,400	7,802	0.83	3.29	8,836	7,334	0.83	3.54
30	22	10,528	7,475	0.71	3.14	10,152	7,208	0.71	3.39	9,588	6,807	0.71	3.60
32	16	8,366	8,366	1.00	2.93	7,990	7,990	1.00	3.14	7,614	7,614	1.00	3.40
32	18	9,024	9,024	1.00	3.00	8,742	8,742	1.00	3.23	8,178	8,178	1.00	3.48
32	20	9,776	8,896	0.91	3.08	9,400	8,554	0.91	3.29	8,836	8,041	0.91	3.54
32	22	10,528	8,317	0.79	3.14	10,152	8,020	0.79	3.39	9,588	7,575	0.79	3.60
34	16	8,366	8,366	1.00	2.93	7,990	7,990	1.00	3.14	7,614	7,614	1.00	3.40
34	18	9,024	9,024	1.00	3.00	8,742	8,742	1.00	3.23	8,178	8,178	1.00	3.48
34	20	9,776	9,678	0.99	3.08	9,400	9,306	0.99	3.29	8,836	8,748	0.99	3.54
34	22	10,528	9,159	0.87	3.14	10,152	8,832	0.87	3.39	9,588	8,342	0.87	3.60

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

COOLING CAPACITY
PCA-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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,427	0.62	3.39	11,616	7,202	0.62	3.58	11,253	6,977	0.62	3.79
20	18	12,826	6,413	0.50	3.46	12,463	6,232	0.50	3.65	12,040	6,020	0.50	3.90
20	20	13,794	5,242	0.38	3.56	13,492	5,127	0.38	3.73	13,129	4,989	0.38	3.99
22	16	11,979	8,385	0.70	3.39	11,616	8,131	0.70	3.58	11,253	7,877	0.70	3.79
22	18	12,826	7,439	0.58	3.46	12,463	7,229	0.58	3.65	12,040	6,983	0.58	3.90
22	20	13,794	6,345	0.46	3.56	13,492	6,206	0.46	3.73	13,129	6,039	0.46	3.99
24	16	11,979	9,344	0.78	3.39	11,616	9,060	0.78	3.58	11,253	8,777	0.78	3.79
24	18	12,826	8,465	0.66	3.46	12,463	8,226	0.66	3.65	12,040	7,946	0.66	3.90
24	20	13,794	7,449	0.54	3.56	13,492	7,285	0.54	3.73	13,129	7,089	0.54	3.99
24	22	14,702	6,175	0.42	3.65	14,399	6,048	0.42	3.86	14,036	5,895	0.42	4.11
26	16	11,979	10,302	0.86	3.39	11,616	9,990	0.86	3.58	11,253	9,678	0.86	3.79
26	18	12,826	9,491	0.74	3.46	12,463	9,223	0.74	3.65	12,040	8,909	0.74	3.90
26	20	13,794	8,552	0.62	3.56	13,492	8,365	0.62	3.73	13,129	8,140	0.62	3.99
26	22	14,702	7,351	0.50	3.65	14,399	7,200	0.50	3.86	14,036	7,018	0.50	4.11
27	16	11,979	10,781	0.90	3.39	11,616	10,454	0.90	3.58	11,253	10,128	0.90	3.79
27	18	12,826	10,004	0.78	3.46	12,463	9,721	0.78	3.65	12,040	9,391	0.78	3.90
27	20	13,794	9,104	0.66	3.56	13,492	8,904	0.66	3.73	13,129	8,665	0.66	3.99
27	22	14,702	7,939	0.54	3.65	14,399	7,775	0.54	3.86	14,036	7,579	0.54	4.11
28	16	11,979	11,260	0.94	3.39	11,616	10,919	0.94	3.58	11,253	10,578	0.94	3.79
28	18	12,826	10,517	0.82	3.46	12,463	10,220	0.82	3.65	12,040	9,872	0.82	3.90
28	20	13,794	9,656	0.70	3.56	13,492	9,444	0.70	3.73	13,129	9,190	0.70	3.99
28	22	14,702	8,527	0.58	3.65	14,399	8,351	0.58	3.86	14,036	8,141	0.58	4.11
30	16	11,979	11,979	1.00	3.39	11,616	11,616	1.00	3.58	11,253	11,253	1.00	3.79
30	18	12,826	11,543	0.90	3.46	12,463	11,217	0.90	3.65	12,040	10,836	0.90	3.90
30	20	13,794	10,759	0.78	3.56	13,492	10,523	0.78	3.73	13,129	10,240	0.78	3.99
30	22	14,702	9,703	0.66	3.65	14,399	9,503	0.66	3.86	14,036	9,264	0.66	4.11
32	16	11,979	11,979	1.00	3.39	11,616	11,616	1.00	3.58	11,253	11,253	1.00	3.79
32	18	12,826	12,569	0.98	3.46	12,463	12,214	0.98	3.65	12,040	11,799	0.98	3.90
32	20	13,794	11,863	0.86	3.56	13,492	11,603	0.86	3.73	13,129	11,291	0.86	3.99
32	22	14,702	10,879	0.74	3.65	14,399	10,655	0.74	3.86	14,036	10,387	0.74	4.11
34	16	11,979	11,979	1.00	3.39	11,616	11,616	1.00	3.58	11,253	11,253	1.00	3.79
34	18	12,826	12,826	1.00	3.46	12,463	12,463	1.00	3.65	12,040	12,040	1.00	3.90
34	20	13,794	12,966	0.94	3.56	13,492	12,682	0.94	3.73	13,129	12,341	0.94	3.99
34	22	14,702	12,055	0.82	3.65	14,399	11,807	0.82	3.86	14,036	11,510	0.82	4.11

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,677	0.62	4.07	10,285	6,377	0.62	4.37	9,801	6,077	0.62	4.73
20	18	11,616	5,808	0.50	4.18	11,253	5,627	0.50	4.49	10,527	5,264	0.50	4.83
20	20	12,584	4,782	0.38	4.28	12,100	4,598	0.38	4.58	11,374	4,322	0.38	4.92
22	16	10,769	7,538	0.70	4.07	10,285	7,200	0.70	4.37	9,801	6,861	0.70	4.73
22	18	11,616	6,737	0.58	4.18	11,253	6,527	0.58	4.49	10,527	6,106	0.58	4.83
22	20	12,584	5,789	0.46	4.28	12,100	5,566	0.46	4.58	11,374	5,232	0.46	4.92
24	16	10,769	8,400	0.78	4.07	10,285	8,022	0.78	4.37	9,801	7,645	0.78	4.73
24	18	11,616	7,667	0.66	4.18	11,253	7,427	0.66	4.49	10,527	6,948	0.66	4.83
24	20	12,584	6,795	0.54	4.28	12,100	6,534	0.54	4.58	11,374	6,142	0.54	4.92
24	22	13,552	5,692	0.42	4.37	13,068	5,489	0.42	4.71	12,342	5,184	0.42	5.00
26	16	10,769	9,261	0.86	4.07	10,285	8,845	0.86	4.37	9,801	8,429	0.86	4.73
26	18	11,616	8,596	0.74	4.18	11,253	8,327	0.74	4.49	10,527	7,790	0.74	4.83
26	20	12,584	7,802	0.62	4.28	12,100	7,502	0.62	4.58	11,374	7,052	0.62	4.92
26	22	13,552	6,776	0.50	4.37	13,068	6,534	0.50	4.71	12,342	6,171	0.50	5.00
27	16	10,769	9,692	0.90	4.07	10,285	9,257	0.90	4.37	9,801	8,821	0.90	4.73
27	18	11,616	9,060	0.78	4.18	11,253	8,777	0.78	4.49	10,527	8,211	0.78	4.83
27	20	12,584	8,305	0.66	4.28	12,100	7,986	0.66	4.58	11,374	7,507	0.66	4.92
27	22	13,552	7,318	0.54	4.37	13,068	7,057	0.54	4.71	12,342	6,665	0.54	5.00
28	16	10,769	10,123	0.94	4.07	10,285	9,668	0.94	4.37	9,801	9,213	0.94	4.73
28	18	11,616	9,525	0.82	4.18	11,253	9,227	0.82	4.49	10,527	8,632	0.82	4.83
28	20	12,584	8,809	0.70	4.28	12,100	8,470	0.70	4.58	11,374	7,962	0.70	4.92
28	22	13,552	7,860	0.58	4.37	13,068	7,579	0.58	4.71	12,342	7,158	0.58	5.00
30	16	10,769	10,769	1.00	4.07	10,285	10,285	1.00	4.37	9,801	9,801	1.00	4.73
30	18	11,616	10,454	0.90	4.18	11,253	10,128	0.90	4.49	10,527	9,474	0.90	4.83
30	20	12,584	9,816	0.78	4.28	12,100	9,438	0.78	4.58	11,374	8,872	0.78	4.92
30	22	13,552	8,944	0.66	4.37	13,068	8,625	0.66	4.71	12,342	8,146	0.66	5.00
32	16	10,769	10,769	1.00	4.07	10,285	10,285	1.00	4.37	9,801	9,801	1.00	4.73
32	18	11,616	11,384	0.98	4.18	11,253	11,028	0.98	4.49	10,527	10,316	0.98	4.83
32	20	12,584	10,822	0.86	4.28	12,100	10,406	0.86	4.58	11,374	9,782	0.86	4.92
32	22	13,552	10,028	0.74	4.37	13,068	9,670	0.74	4.71	12,342	9,133	0.74	5.00
34	16	10,769	10,769	1.00	4.07	10,285	10,285	1.00	4.37	9,801	9,801	1.00	4.73
34	18	11,616	11,616	1.00	4.18	11,253	11,253	1.00	4.49	10,527	10,527	1.00	4.83
34	20	12,584	11,829	0.94	4.28	12,100	11,374	0.94	4.58	11,374	10,692	0.94	4.92
34	22	13,552	11,119	0.82	4.37	13,068	10,716	0.82	4.71	12,342	10,120	0.82	5.00

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

CEILING-SUSPENDED PERFORMANCE DATA

COOLING CAPACITY
PCA-M140KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,348	0.62	4.50	13,056	8,095	0.62	4.75	12,648	7,842	0.62	5.03
20	18	14,416	7,208	0.50	4.58	14,008	7,004	0.50	4.83	13,532	6,766	0.50	5.17
20	20	15,504	5,892	0.38	4.72	15,164	5,762	0.38	4.95	14,756	5,607	0.38	5.28
22	16	13,464	9,425	0.70	4.50	13,056	9,139	0.70	4.75	12,648	8,854	0.70	5.03
22	18	14,416	8,361	0.58	4.58	14,008	8,125	0.58	4.83	13,532	7,849	0.58	5.17
22	20	15,504	7,132	0.46	4.72	15,164	6,975	0.46	4.95	14,756	6,788	0.46	5.28
24	16	13,464	10,502	0.78	4.50	13,056	10,184	0.78	4.75	12,648	9,865	0.78	5.03
24	18	14,416	9,515	0.66	4.58	14,008	9,245	0.66	4.83	13,532	8,931	0.66	5.17
24	20	15,504	8,372	0.54	4.72	15,164	8,189	0.54	4.95	14,756	7,968	0.54	5.28
24	22	16,524	6,940	0.42	4.83	16,184	6,797	0.42	5.11	15,776	6,626	0.42	5.45
26	16	13,464	11,579	0.86	4.50	13,056	11,228	0.86	4.75	12,648	10,877	0.86	5.03
26	18	14,416	10,668	0.74	4.58	14,008	10,366	0.74	4.83	13,532	10,014	0.74	5.17
26	20	15,504	9,612	0.62	4.72	15,164	9,402	0.62	4.95	14,756	9,149	0.62	5.28
26	22	16,524	8,262	0.50	4.83	16,184	8,092	0.50	5.11	15,776	7,888	0.50	5.45
27	16	13,464	12,118	0.90	4.50	13,056	11,750	0.90	4.75	12,648	11,383	0.90	5.03
27	18	14,416	11,244	0.78	4.58	14,008	10,926	0.78	4.83	13,532	10,555	0.78	5.17
27	20	15,504	10,233	0.66	4.72	15,164	10,008	0.66	4.95	14,756	9,739	0.66	5.28
27	22	16,524	8,923	0.54	4.83	16,184	8,739	0.54	5.11	15,776	8,519	0.54	5.45
28	16	13,464	12,656	0.94	4.50	13,056	12,273	0.94	4.75	12,648	11,889	0.94	5.03
28	18	14,416	11,821	0.82	4.58	14,008	11,487	0.82	4.83	13,532	11,096	0.82	5.17
28	20	15,504	10,853	0.70	4.72	15,164	10,615	0.70	4.95	14,756	10,329	0.70	5.28
28	22	16,524	9,584	0.58	4.83	16,184	9,387	0.58	5.11	15,776	9,150	0.58	5.45
30	16	13,464	13,464	1.00	4.50	13,056	13,056	1.00	4.75	12,648	12,648	1.00	5.03
30	18	14,416	12,974	0.90	4.58	14,008	12,607	0.90	4.83	13,532	12,179	0.90	5.17
30	20	15,504	12,093	0.78	4.72	15,164	11,828	0.78	4.95	14,756	11,510	0.78	5.28
30	22	16,524	10,906	0.66	4.83	16,184	10,681	0.66	5.11	15,776	10,412	0.66	5.45
32	16	13,464	13,464	1.00	4.50	13,056	13,056	1.00	4.75	12,648	12,648	1.00	5.03
32	18	14,416	14,128	0.98	4.58	14,008	13,728	0.98	4.83	13,532	13,261	0.98	5.17
32	20	15,504	13,333	0.86	4.72	15,164	13,041	0.86	4.95	14,756	12,690	0.86	5.28
32	22	16,524	12,228	0.74	4.83	16,184	11,976	0.74	5.11	15,776	11,674	0.74	5.45
34	16	13,464	13,464	1.00	4.50	13,056	13,056	1.00	4.75	12,648	12,648	1.00	5.03
34	18	14,416	14,416	1.00	4.58	14,008	14,008	1.00	4.83	13,532	13,532	1.00	5.17
34	20	15,504	14,574	0.94	4.72	15,164	14,254	0.94	4.95	14,756	13,871	0.94	5.28
34	22	16,524	13,550	0.82	4.83	16,184	13,271	0.82	5.11	15,776	12,936	0.82	5.45

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,504	0.62	5.40	11,560	7,167	0.62	5.79	11,016	6,830	0.62	6.27
20	18	13,056	6,528	0.50	5.54	12,648	6,324	0.50	5.96	11,832	5,916	0.50	6.41
20	20	14,144	5,375	0.38	5.68	13,600	5,168	0.38	6.07	12,784	4,858	0.38	6.52
22	16	12,104	8,473	0.70	5.40	11,560	8,092	0.70	5.79	11,016	7,711	0.70	6.27
22	18	13,056	7,572	0.58	5.54	12,648	7,336	0.58	5.96	11,832	6,863	0.58	6.41
22	20	14,144	6,506	0.46	5.68	13,600	6,256	0.46	6.07	12,784	5,881	0.46	6.52
24	16	12,104	9,441	0.78	5.40	11,560	9,017	0.78	5.79	11,016	8,592	0.78	6.27
24	18	13,056	8,617	0.66	5.54	12,648	8,348	0.66	5.96	11,832	7,809	0.66	6.41
24	20	14,144	7,638	0.54	5.68	13,600	7,344	0.54	6.07	12,784	6,903	0.54	6.52
24	22	15,232	6,397	0.42	5.79	14,688	6,169	0.42	6.24	13,872	5,826	0.42	6.63
26	16	12,104	10,409	0.86	5.40	11,560	9,942	0.86	5.79	11,016	9,474	0.86	6.27
26	18	13,056	9,661	0.74	5.54	12,648	9,360	0.74	5.96	11,832	8,756	0.74	6.41
26	20	14,144	8,769	0.62	5.68	13,600	8,432	0.62	6.07	12,784	7,926	0.62	6.52
26	22	15,232	7,616	0.50	5.79	14,688	7,344	0.50	6.24	13,872	6,936	0.50	6.63
27	16	12,104	10,894	0.90	5.40	11,560	10,404	0.90	5.79	11,016	9,914	0.90	6.27
27	18	13,056	10,184	0.78	5.54	12,648	9,865	0.78	5.96	11,832	9,229	0.78	6.41
27	20	14,144	9,335	0.66	5.68	13,600	8,976	0.66	6.07	12,784	8,437	0.66	6.52
27	22	15,232	8,225	0.54	5.79	14,688	7,932	0.54	6.24	13,872	7,491	0.54	6.63
28	16	12,104	11,378	0.94	5.40	11,560	10,866	0.94	5.79	11,016	10,355	0.94	6.27
28	18	13,056	10,706	0.82	5.54	12,648	10,371	0.82	5.96	11,832	9,702	0.82	6.41
28	20	14,144	9,901	0.70	5.68	13,600	9,520	0.70	6.07	12,784	8,949	0.70	6.52
28	22	15,232	8,835	0.58	5.79	14,688	8,519	0.58	6.24	13,872	8,046	0.58	6.63
30	16	12,104	12,104	1.00	5.40	11,560	11,560	1.00	5.79	11,016	11,016	1.00	6.27
30	18	13,056	11,750	0.90	5.54	12,648	11,383	0.90	5.96	11,832	10,649	0.90	6.41
30	20	14,144	11,032	0.78	5.68	13,600	10,608	0.78	6.07	12,784	9,972	0.78	6.52
30	22	15,232	10,053	0.66	5.79	14,688	9,694	0.66	6.24	13,872	9,156	0.66	6.63
32	16	12,104	12,104	1.00	5.40	11,560	11,560	1.00	5.79	11,016	11,016	1.00	6.27
32	18	13,056	12,795	0.98	5.54	12,648	12,395	0.98	5.96	11,832	11,595	0.98	6.41
32	20	14,144	12,164	0.86	5.68	13,600	11,696	0.86	6.07	12,784	10,994	0.86	6.52
32	22	15,232	11,272	0.74	5.79	14,688	10,869	0.74	6.24	13,872	10,265	0.74	6.63
34	16	12,104	12,104	1.00	5.40	11,560	11,560	1.00	5.79	11,016	11,016	1.00	6.27
34	18	13,056	13,056	1.00	5.54	12,648	12,648	1.00	5.96	11,832	11,832	1.00	6.41
34	20	14,144	13,295	0.94	5.68	13,600	12,784	0.94	6.07	12,784	12,017	0.94	6.52
34	22	15,232	12,490	0.82	5.79	14,688	12,044	0.82	6.24	13,872	11,375	0.82	6.63

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

COOLING CAPACITY
PCA-M71KA / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,639	0.66	1.54	6,816	4,499	0.66	1.63	6,603	4,358	0.66	1.73
20	18	7,526	4,064	0.54	1.57	7,313	3,949	0.54	1.66	7,065	3,815	0.54	1.78
20	20	8,094	3,399	0.42	1.62	7,917	3,325	0.42	1.70	7,704	3,235	0.42	1.81
22	16	7,029	5,201	0.74	1.54	6,816	5,044	0.74	1.63	6,603	4,886	0.74	1.73
22	18	7,526	4,666	0.62	1.57	7,313	4,534	0.62	1.66	7,065	4,380	0.62	1.78
22	20	8,094	4,047	0.50	1.62	7,917	3,958	0.50	1.70	7,704	3,852	0.50	1.81
24	16	7,029	5,764	0.82	1.54	6,816	5,589	0.82	1.63	6,603	5,414	0.82	1.73
24	18	7,526	5,268	0.70	1.57	7,313	5,119	0.70	1.66	7,065	4,945	0.70	1.78
24	20	8,094	4,695	0.58	1.62	7,917	4,592	0.58	1.70	7,704	4,468	0.58	1.81
24	22	8,627	3,968	0.46	1.66	8,449	3,887	0.46	1.76	8,236	3,789	0.46	1.87
26	16	7,029	6,326	0.90	1.54	6,816	6,134	0.90	1.63	6,603	5,943	0.90	1.73
26	18	7,526	5,870	0.78	1.57	7,313	5,704	0.78	1.66	7,065	5,510	0.78	1.78
26	20	8,094	5,342	0.66	1.62	7,917	5,225	0.66	1.70	7,704	5,084	0.66	1.81
26	22	8,627	4,658	0.54	1.66	8,449	4,562	0.54	1.76	8,236	4,447	0.54	1.87
27	16	7,029	6,607	0.94	1.54	6,816	6,407	0.94	1.63	6,603	6,207	0.94	1.73
27	18	7,526	6,171	0.82	1.57	7,313	5,997	0.82	1.66	7,065	5,793	0.82	1.78
27	20	8,094	5,666	0.70	1.62	7,917	5,542	0.70	1.70	7,704	5,392	0.70	1.81
27	22	8,627	5,003	0.58	1.66	8,449	4,900	0.58	1.76	8,236	4,777	0.58	1.87
28	16	7,029	6,888	0.98	1.54	6,816	6,680	0.98	1.63	6,603	6,471	0.98	1.73
28	18	7,526	6,472	0.86	1.57	7,313	6,289	0.86	1.66	7,065	6,075	0.86	1.78
28	20	8,094	5,990	0.74	1.62	7,917	5,858	0.74	1.70	7,704	5,701	0.74	1.81
28	22	8,627	5,348	0.62	1.66	8,449	5,238	0.62	1.76	8,236	5,106	0.62	1.87
30	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
30	18	7,526	7,074	0.94	1.57	7,313	6,874	0.94	1.66	7,065	6,641	0.94	1.78
30	20	8,094	6,637	0.82	1.62	7,917	6,492	0.82	1.70	7,704	6,317	0.82	1.81
30	22	8,627	6,039	0.70	1.66	8,449	5,914	0.70	1.76	8,236	5,765	0.70	1.87
32	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
32	18	7,526	7,526	1.00	1.57	7,313	7,313	1.00	1.66	7,065	7,065	1.00	1.78
32	20	8,094	7,285	0.90	1.62	7,917	7,125	0.90	1.70	7,704	6,933	0.90	1.81
32	22	8,627	6,729	0.78	1.66	8,449	6,590	0.78	1.76	8,236	6,424	0.78	1.87
34	16	7,029	7,029	1.00	1.54	6,816	6,816	1.00	1.63	6,603	6,603	1.00	1.73
34	18	7,526	7,526	1.00	1.57	7,313	7,313	1.00	1.66	7,065	7,065	1.00	1.78
34	20	8,094	7,932	0.98	1.62	7,917	7,758	0.98	1.70	7,704	7,549	0.98	1.81
34	22	8,627	7,419	0.86	1.66	8,449	7,266	0.86	1.76	8,236	7,083	0.86	1.87

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,171	0.66	1.85	6,035	3,983	0.66	1.99	5,751	3,796	0.66	2.15
20	18	6,816	3,681	0.54	1.90	6,603	3,566	0.54	2.05	6,177	3,336	0.54	2.20
20	20	7,384	3,101	0.42	1.95	7,100	2,982	0.42	2.08	6,674	2,803	0.42	2.24
22	16	6,319	4,676	0.74	1.85	6,035	4,466	0.74	1.99	5,751	4,256	0.74	2.15
22	18	6,816	4,226	0.62	1.90	6,603	4,094	0.62	2.05	6,177	3,830	0.62	2.20
22	20	7,384	3,692	0.50	1.95	7,100	3,550	0.50	2.08	6,674	3,337	0.50	2.24
24	16	6,319	5,182	0.82	1.85	6,035	4,949	0.82	1.99	5,751	4,716	0.82	2.15
24	18	6,816	4,771	0.70	1.90	6,603	4,622	0.70	2.05	6,177	4,324	0.70	2.20
24	20	7,384	4,283	0.58	1.95	7,100	4,118	0.58	2.08	6,674	3,871	0.58	2.24
24	22	7,952	3,658	0.46	1.99	7,668	3,527	0.46	2.14	7,242	3,331	0.46	2.28
26	16	6,319	5,687	0.90	1.85	6,035	5,432	0.90	1.99	5,751	5,176	0.90	2.15
26	18	6,816	5,316	0.78	1.90	6,603	5,150	0.78	2.05	6,177	4,818	0.78	2.20
26	20	7,384	4,873	0.66	1.95	7,100	4,686	0.66	2.08	6,674	4,405	0.66	2.24
26	22	7,952	4,294	0.54	1.99	7,668	4,141	0.54	2.14	7,242	3,911	0.54	2.28
27	16	6,319	5,940	0.94	1.85	6,035	5,673	0.94	1.99	5,751	5,406	0.94	2.15
27	18	6,816	5,589	0.82	1.90	6,603	5,414	0.82	2.05	6,177	5,065	0.82	2.20
27	20	7,384	5,169	0.70	1.95	7,100	4,970	0.70	2.08	6,674	4,672	0.70	2.24
27	22	7,952	4,612	0.58	1.99	7,668	4,447	0.58	2.14	7,242	4,200	0.58	2.28
28	16	6,319	6,193	0.98	1.85	6,035	5,914	0.98	1.99	5,751	5,636	0.98	2.15
28	18	6,816	5,862	0.86	1.90	6,603	5,679	0.86	2.05	6,177	5,312	0.86	2.20
28	20	7,384	5,464	0.74	1.95	7,100	5,254	0.74	2.08	6,674	4,939	0.74	2.24
28	22	7,952	4,930	0.62	1.99	7,668	4,754	0.62	2.14	7,242	4,490	0.62	2.28
30	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
30	18	6,816	6,407	0.94	1.90	6,603	6,207	0.94	2.05	6,177	5,806	0.94	2.20
30	20	7,384	6,055	0.82	1.95	7,100	5,822	0.82	2.08	6,674	5,473	0.82	2.24
30	22	7,952	5,566	0.70	1.99	7,668	5,368	0.70	2.14	7,242	5,069	0.70	2.28
32	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
32	18	6,816	6,816	1.00	1.90	6,603	6,603	1.00	2.05	6,177	6,177	1.00	2.20
32	20	7,384	6,646	0.90	1.95	7,100	6,390	0.90	2.08	6,674	6,007	0.90	2.24
32	22	7,952	6,203	0.78	1.99	7,668	5,981	0.78	2.14	7,242	5,649	0.78	2.28
34	16	6,319	6,319	1.00	1.85	6,035	6,035	1.00	1.99	5,751	5,751	1.00	2.15
34	18	6,816	6,816	1.00	1.90	6,603	6,603	1.00	2.05	6,177	6,177	1.00	2.20
34	20	7,384	7,236	0.98	1.95	7,100	6,958	0.98	2.08	6,674	6,541	0.98	2.24
34	22	7,952	6,839	0.86	1.99	7,668	6,594	0.86	2.14	7,242	6,228	0.86	2.28

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY

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

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M35KA	15	2,604	0.60	2,829	0.66	3,157	0.77	4,141	0.92	4,674	1.02	5,207	1.10
	20	2,501	0.65	2,706	0.71	2,993	0.83	3,998	0.99	4,510	1.10	5,023	1.18
	25	2,419	0.69	2,624	0.78	2,870	0.90	3,772	1.05	4,346	1.18	4,838	1.27
PCA-M50KA	15	3,493	0.86	3,795	0.94	4,235	1.09	5,555	1.31	6,270	1.45	6,985	1.57
	20	3,355	0.93	3,630	1.02	4,015	1.17	5,363	1.41	6,050	1.57	6,738	1.68
	25	3,245	0.99	3,520	1.10	3,850	1.28	5,060	1.49	5,830	1.67	6,490	1.81
PCA-M60KA	15	4,445	1.14	4,830	1.25	5,390	1.45	7,070	1.74	7,980	1.93	8,890	2.08
	20	4,270	1.24	4,620	1.35	5,110	1.56	6,825	1.87	7,700	2.08	8,575	2.24
	25	4,130	1.31	4,480	1.47	4,900	1.70	6,440	1.99	7,420	2.23	8,260	2.40
PCA-M71KA	15	5,080	1.30	5,520	1.43	6,160	1.65	8,080	1.98	9,120	2.20	10,160	2.38
	20	4,880	1.41	5,280	1.54	5,840	1.78	7,800	2.13	8,800	2.38	9,800	2.55
	25	4,720	1.50	5,120	1.67	5,600	1.94	7,360	2.27	8,480	2.54	9,440	2.74
PCA-M100KA	15	7,112	1.79	7,728	1.98	8,624	2.28	11,312	2.74	12,768	3.04	14,224	3.28
	20	6,832	1.95	7,392	2.13	8,176	2.46	10,920	2.95	12,320	3.28	13,720	3.53
	25	6,608	2.07	7,168	2.31	7,840	2.68	10,304	3.13	11,872	3.51	13,216	3.78
PCA-M125KA	15	8,890	2.24	9,660	2.47	10,780	2.85	14,140	3.42	15,960	3.80	17,780	4.10
	20	8,540	2.43	9,240	2.66	10,220	3.08	13,650	3.69	15,400	4.10	17,150	4.41
	25	8,260	2.58	8,960	2.89	9,800	3.34	12,880	3.91	14,840	4.39	16,520	4.73
PCA-M140KA	15	10,160	2.70	11,040	2.97	12,320	3.43	16,160	4.11	18,240	4.57	20,320	4.94
	20	9,760	2.92	10,560	3.20	11,680	3.70	15,600	4.43	17,600	4.94	19,600	5.30
	25	9,440	3.11	10,240	3.47	11,200	4.02	14,720	4.71	16,960	5.28	18,880	5.69

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-M-KA / SUZ-KA-VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M35KA	15	2,050	0.55	2,583	0.683	3,116	0.819	3,649	0.924	4,182	0.998	4,715	1.061	5,207	1.092	5,740	1.113
	20	1,927	0.58	2,460	0.735	2,952	0.872	3,485	0.966	3,977	1.040	4,510	1.092	5,002	1.124	5,515	1.166
	25	1,681	0.63	2,214	0.788	2,747	0.924	3,239	1.019	3,772	1.092	4,305	1.145	4,797	1.176	5,330	1.208
PCA-M50KA	15	2,750	0.790	3,465	0.988	4,180	1.186	4,895	1.338	5,610	1.444	6,325	1.535	6,985	1.581	7,700	1.611
	20	2,585	0.842	3,300	1.064	3,960	1.262	4,675	1.398	5,335	1.505	6,050	1.581	6,710	1.626	7,398	1.687
	25	2,255	0.912	2,970	1.140	3,685	1.338	4,345	1.474	5,060	1.581	5,775	1.657	6,435	1.702	7,150	1.748
PCA-M60KA	15	3,450	0.993	4,347	1.242	5,244	1.490	6,141	1.681	7,038	1.815	7,935	1.929	8,763	1.986	9,660	2.025
	20	3,243	1.058	4,140	1.337	4,968	1.585	5,865	1.757	6,693	1.891	7,590	1.986	8,418	2.044	9,281	2.120
	25	2,829	1.146	3,726	1.433	4,623	1.681	5,451	1.853	6,348	1.986	7,245	2.082	8,073	2.139	8,970	2.197
PCA-M71KA	15	3,950	1.134	4,977	1.417	6,004	1.700	7,031	1.918	8,058	2.071	9,085	2.202	10,033	2.267	11,060	2.311
	20	3,713	1.208	4,740	1.526	5,688	1.809	6,715	2.006	7,663	2.158	8,690	2.267	9,638	2.333	10,626	2.420
	25	3,239	1.308	4,266	1.635	5,293	1.918	6,241	2.115	7,268	2.267	8,295	2.376	9,243	2.442	10,270	2.507

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M100KA	15	7,112	1.99	7,728	2.19	8,624	2.53	11,312	3.03	12,768	3.37	14,224	3.64
	20	6,832	2.16	7,392	2.36	8,176	2.73	10,920	3.27	12,320	3.64	13,720	3.91
	25	6,608	2.29	7,168	2.56	7,840	2.97	10,304	3.47	11,872	3.89	13,216	4.20
PCA-M125KA	15	8,573	2.40	9,315	2.64	10,395	3.05	13,635	3.65	15,390	4.06	17,145	4.38
	20	8,235	2.60	8,910	2.84	9,855	3.29	13,163	3.94	14,850	4.38	16,538	4.71
	25	7,965	2.76	8,640	3.09	9,450	3.57	12,420	4.18	14,310	4.69	15,930	5.05
PCA-M140KA	15	9,525	2.64	10,350	2.91	11,550	3.35	15,150	4.02	17,100	4.47	19,050	4.83
	20	9,150	2.86	9,900	3.13	10,950	3.62	14,625	4.34	16,500	4.83	18,375	5.19
	25	8,850	3.04	9,600	3.40	10,500	3.93	13,800	4.60	15,900	5.16	17,700	5.57

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-M-KA / PUHZ-FRP-VHA2

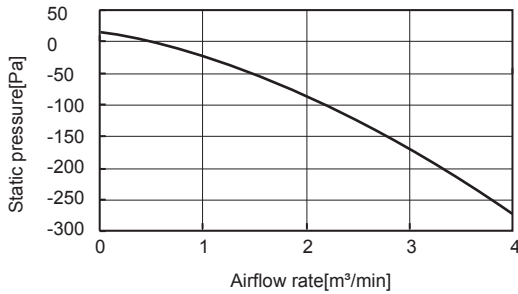
	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-M71KA	15	5,080	1.35	5,520	1.48	6,160	1.71	8,080	2.05	9,120	2.28	10,160	2.46
	20	4,880	1.46	5,280	1.60	5,840	1.85	7,800	2.21	8,800	2.46	9,800	2.64
	25	4,720	1.55	5,120	1.73	5,600	2.01	7,360	2.35	8,480	2.63	9,440	2.84

Note: CA : Capacity (W) P.C. : Total power input (kW)

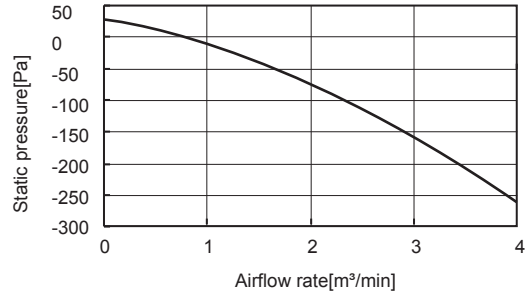
A.3.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

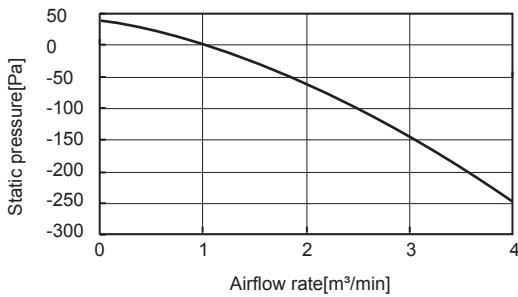
■ PCA-M35KA
PCA-M50KA



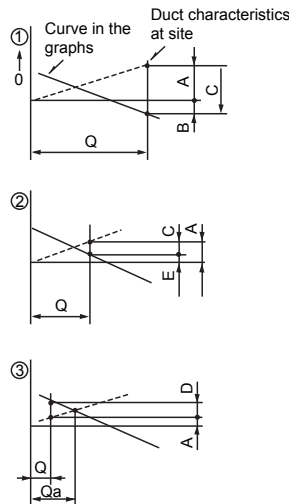
■ PCA-M60KA
PCA-M71KA



■ PCA-M100KA
PCA-M125KA
PCA-M140KA



How to read curves



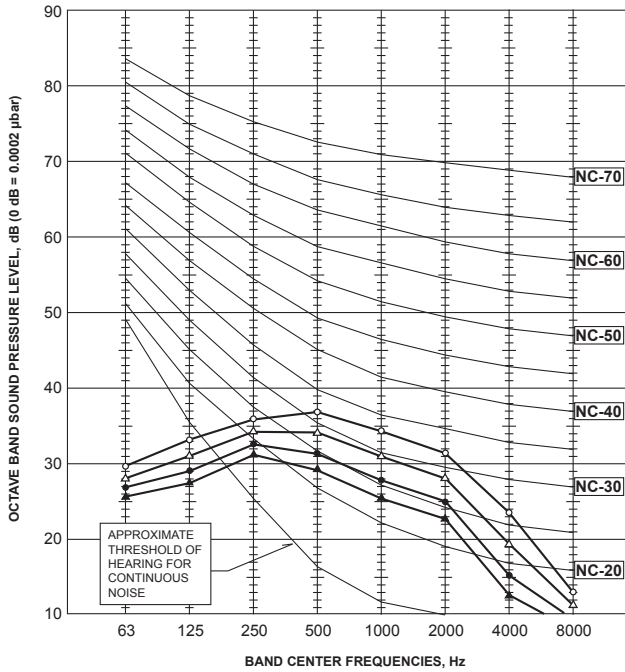
- Q...Designed amount of fresh air intake $\langle m^3/min \rangle$
- A...Static pressure loss of fresh air intake duct system with airflow amount Q $\langle Pa \rangle$
- B...Forced static pressure at air conditioner inlet with airflow amount Q $\langle Pa \rangle$
- C...Static pressure of booster fan 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 $\langle m^3/min \rangle$

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

A.3.7 NOISE CRITERIA CURVES

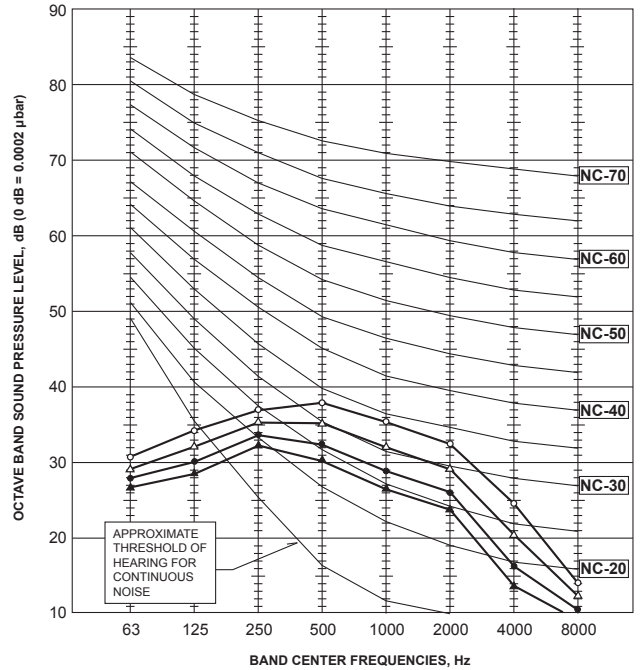
PCA-M35KA

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



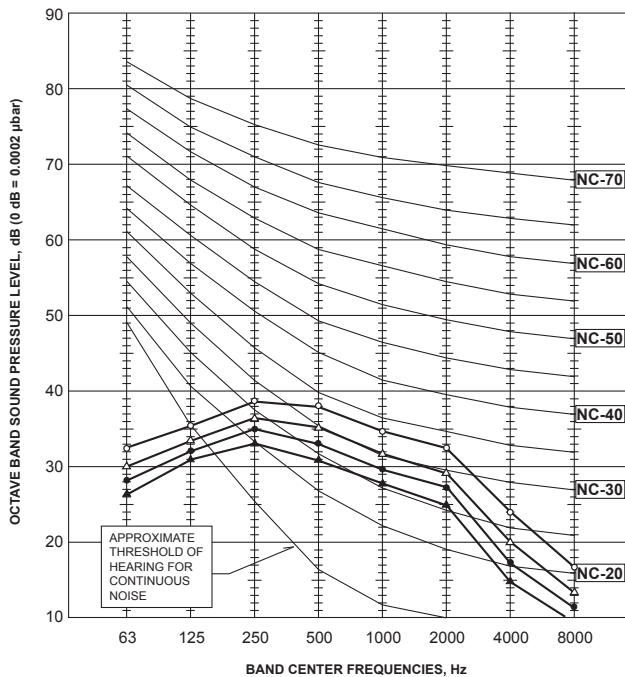
PCA-M50KA

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



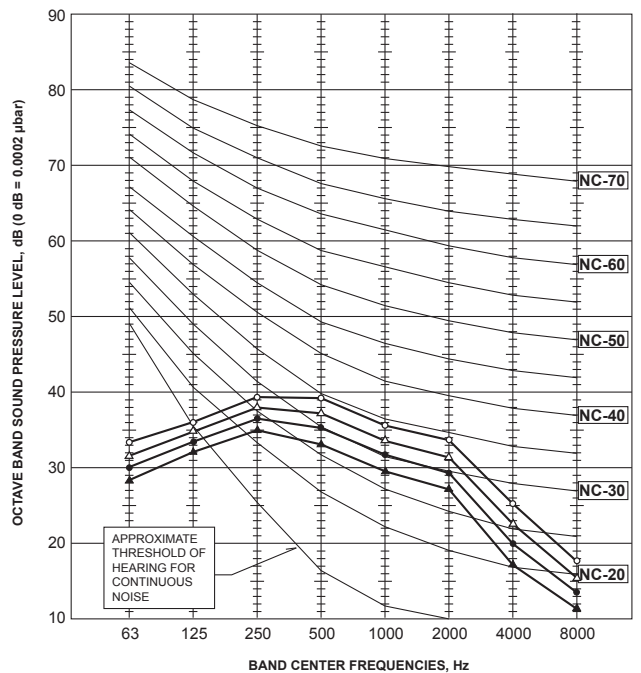
PCA-M60KA

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



PCA-M71KA

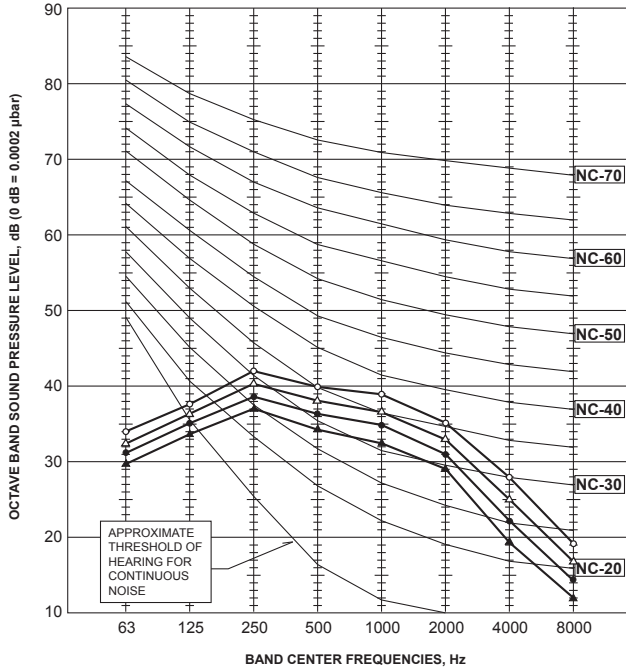
NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	△—△
Medium2	37	●—●
Low	35	▲—▲



CEILING-SUSPENDED NOISE CRITERIA CURVES

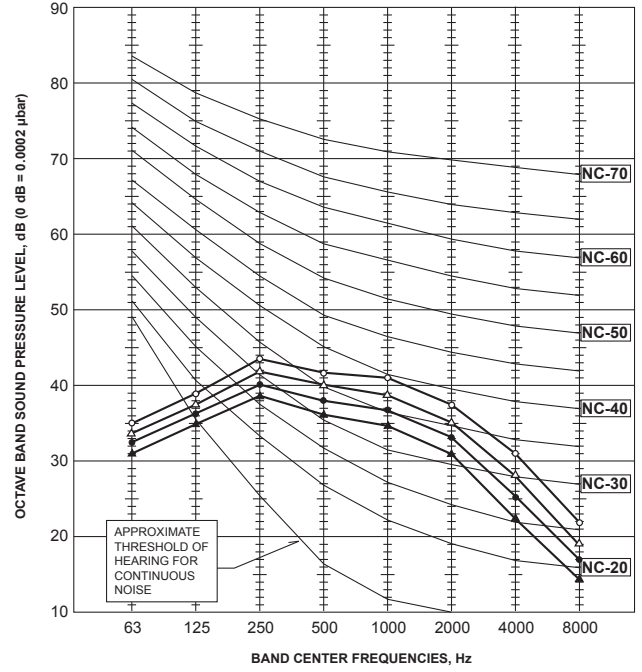
PCA-M100KA

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



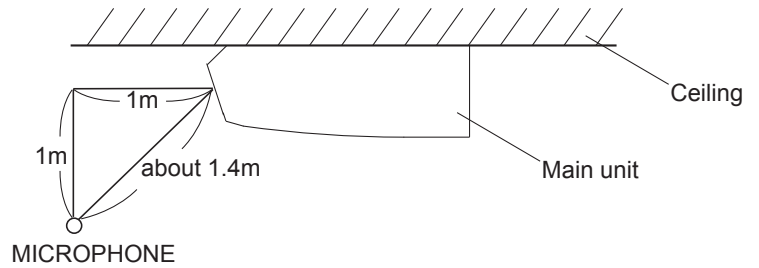
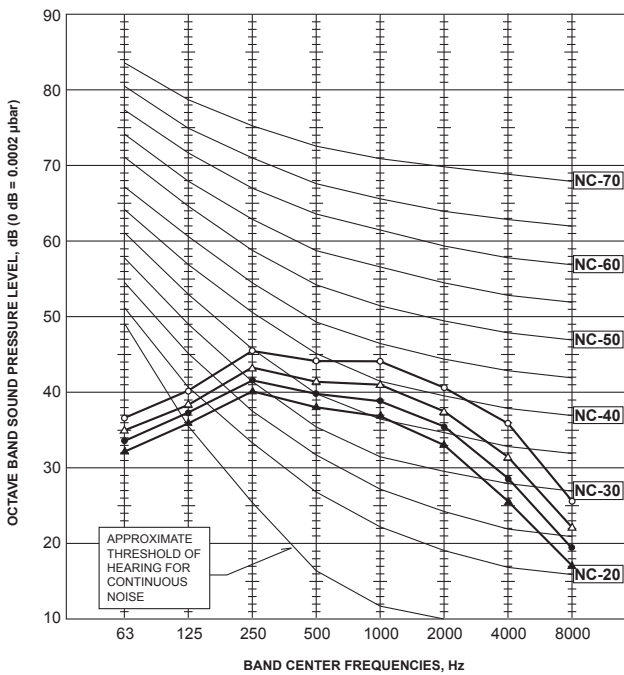
PCA-M125KA

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



PCA-M140KA

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



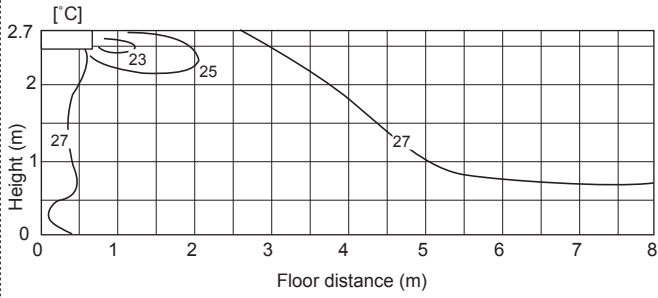
CEILING-SUSPENDED

NOISE CRITERIA CURVES

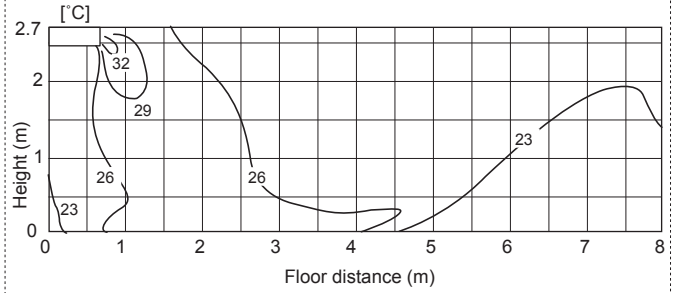
A.3.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions PCA-M71KA

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

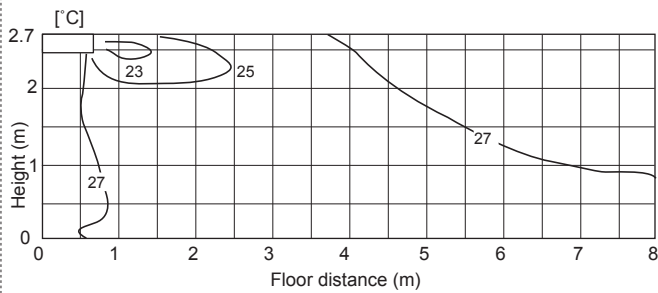


<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch

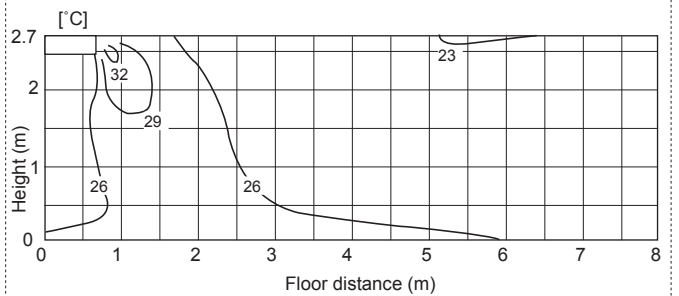


PCA-M125KA

<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.

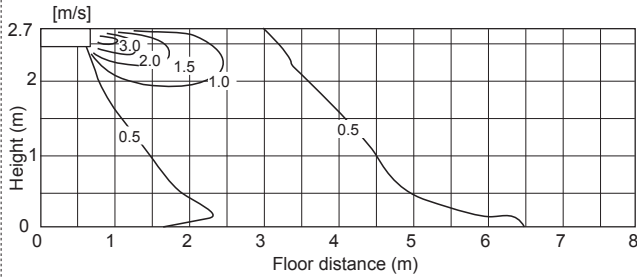
CEILING-SUSPENDED TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Airflow distributions

PCA-M71KA

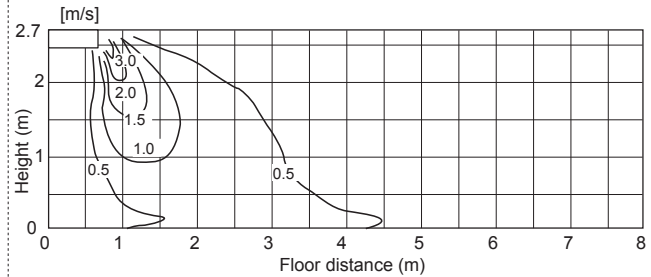
<Cooling mode>

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



<Heating mode>

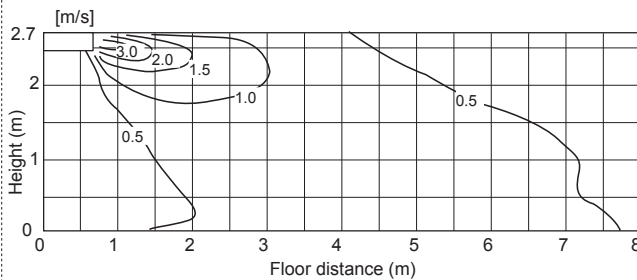
Flow angle : 60°
 Temperature setting : 20°C
 High notch
 Ceiling height : 2.7m



PCA-M125KA

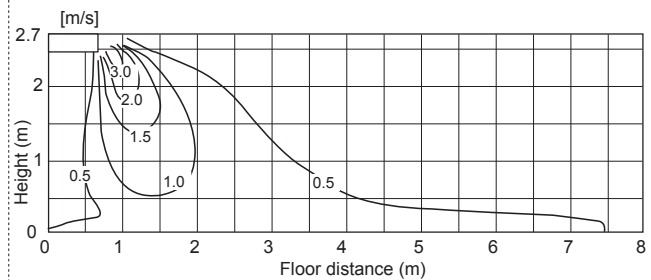
<Cooling mode>

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.

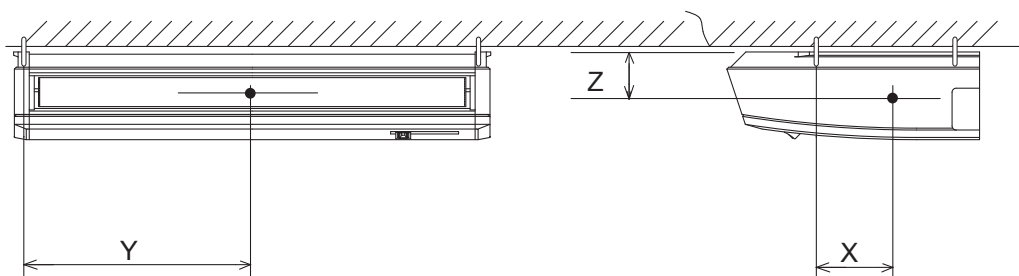
A.3.9 OUTLET AIR SPEED AND COVERAGE RANGE

		PCA-M35KA	PCA-M50KA	PCA-M60KA	PCA-RP71KA	PCA-M100KA	PCA-M125KA	PCA-M140KA
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-M35KA	110	450	115
PCA-M50KA	110	450	115
PCA-M60KA	110	610	115
PCA-M71KA	110	610	115
PCA-M100KA	110	770	115
PCA-M125KA	110	770	115
PCA-M140KA	110	770	115

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

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

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A.4.1 SPECIFICATIONS

A.4.1.1 INVERTER MODELS Heat pump type

1. Power Inverter SERIES

Model Name	Indoor Unit			PCA-RP71HAQ	
	Outdoor Unit			PUHZ-ZRP71VHA2	
Power Supply	Source			Outdoor power supply	
	Out	V		230	
		Phase		Single	
		Hz		50	
	In	V		-	
		Phase		-	
Hz		-			
Refrigerant				R410A	
Cooling	Capacity	Rated	kW	7.1	
		Max.	kW	8.1	
		Min.	kW	3.3	
	SHF	Rated		0.74	
	Total Input	Rated	kW	2.17	
	EER			3.27	
	Annual Electricity Consumption			kWh/a 447	
	SEER			5.6	
	Energy efficiency class			A+	
	Heating	Capacity	Rated	kW	7.6
Max.			kW	10.2	
Min.			kW	3.5	
Total Input		Rated	kW	2.35	
COP			3.23		
Annual Electricity Consumption			kWh/a 1751		
SCOP			3.8		
Energy efficiency class			A		
Operating Current(max)			A 19.4		
Indoor Unit		Input	Rated	kW	0.090
	Operating Current(max)			A 0.43	
	Dimensions	Height	mm	280	
		Width	mm	1136	
		Depth	mm	650	
	Weight			kg 41	
	Air Volume	Low	m ³ /min.	17.0	
		Mid2	m ³ /min.	-	
		Mid	m ³ /min.	-	
		Hi	m ³ /min.	19.0	
	External Static Pressure			Pa -	
	Sound Level (SPL)	Low	dB(A)	34	
		Mid2	dB(A)	-	
		Mid	dB(A)	-	
		Hi	dB(A)	38	
Sound Level (PWL)	Cooling		56		
Outdoor Unit	Dimensions	Height	mm	943	
		Width	mm	950	
		Depth	mm	330 (+30)	
	Weight			kg 70	
	Air Volume	Cooling	Rated	m ³ /min.	55.0
		Heating	Rated	m ³ /min.	55.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	44
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling		67	
	Operating Current(max)			A 19.0	
	Breaker Size			A 25	
	Ext. Piping	Diameter	Liquid	mm	9.52
Gas			mm	15.88	
Max. Length		Out-In	m	50	
Max. Height		Out-In	Below Indoor	m	30
			Above Indoor	m	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C 46	
			Lower Limit.	°C -15*	
	Heating	Upper Limit.	°C 21		
		Lower Limit.	°C -20		

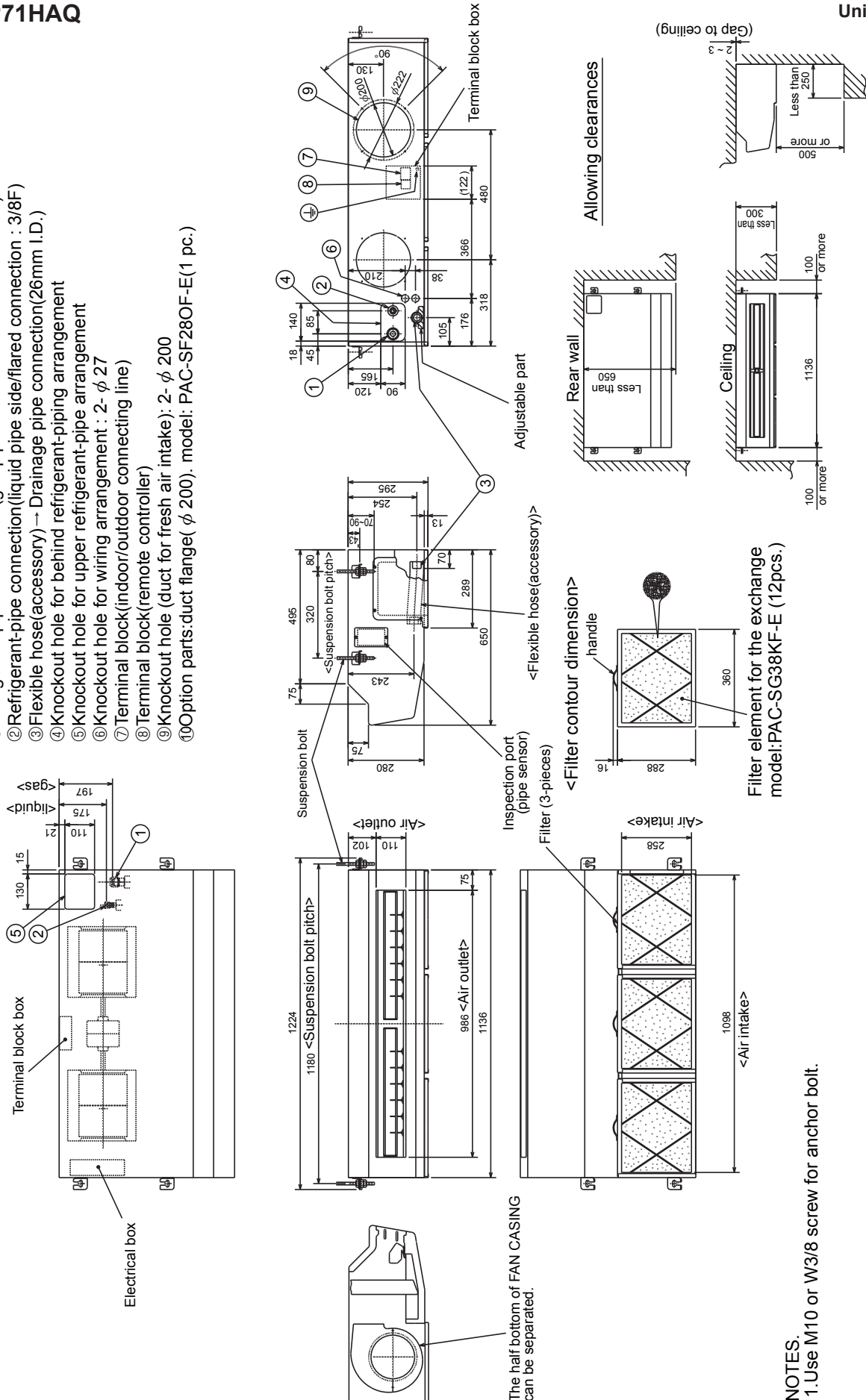
* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.4.2 OUTLINES AND DIMENSIONS

PCA-RP71HAQ

Unit : mm

- ① Refrigerant-pipe connection(gas pipe side/flared connection : 5/8F)
- ② Refrigerant-pipe connection(liquid pipe side/flared connection : 3/8F)
- ③ Flexible hose(accessory) → Drainage pipe connection(26mm I.D.)
- ④ Knockout hole for behind refrigerant-piping arrangement
- ⑤ Knockout hole for upper refrigerant-pipe arrangement
- ⑥ Knockout hole for wiring arrangement : 2-φ 27
- ⑦ Terminal block(indoor/outdoor connecting line)
- ⑧ Terminal block(remote controller)
- ⑨ Knockout hole (duct for fresh air intake): 2-φ 200
- ⑩ Option parts:duct flange(φ 200), model: PAC-SF280F-E(1 pc.)



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

CEILING-SUSPENDED for Kitchens

OUTLINES AND DIMENSIONS

A.4.3 WIRING DIAGRAM

PCA-RP71HAQ

CEILING-SUSPENDED for Kitchens WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
P. B	INDOOR POWER BOARD	MF1, MF2	FAN MOTOR
I. B	INDOOR CONTROLLER BOARD	C1, C2	CAPACITOR (FAN MOTOR)
FUSE	FUSE (T6.3AL250V)	H2	DEW PREVENTION HEATER
CN2L	CONNECTOR (LOSSNAY)	TB2	TERMINAL BLOCK (INDOOR UNIT POWER (OPTION PARTS))
CN32	CONNECTOR (REMOTE SWITCH)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN41	CONNECTOR (HA TERMINAL-A)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH1	ROOM TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	TH2	PIPE TEMP.THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
LED1	POWER SUPPLY (I. B)	TH5	COND / EVA.TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
LED2	POWER SUPPLY (R. B)	R. B	WIRED REMOTE CONTROLLER BOARD
LED3	TRANSMISSION (INDOOR-OUTDOOR)		
X1	RELAY (DEW PREVENTION HEATER)		
X4	RELAY (FAN MOTOR)		
X5	RELAY (FAN MOTOR)		
X6	RELAY (FAN MOTOR)		
SW1	SWITCH (MODEL SELECTION) *See Table 1.		
SW2	SWITCH (CAPACITY CODE) *See Table 2.		
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)
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

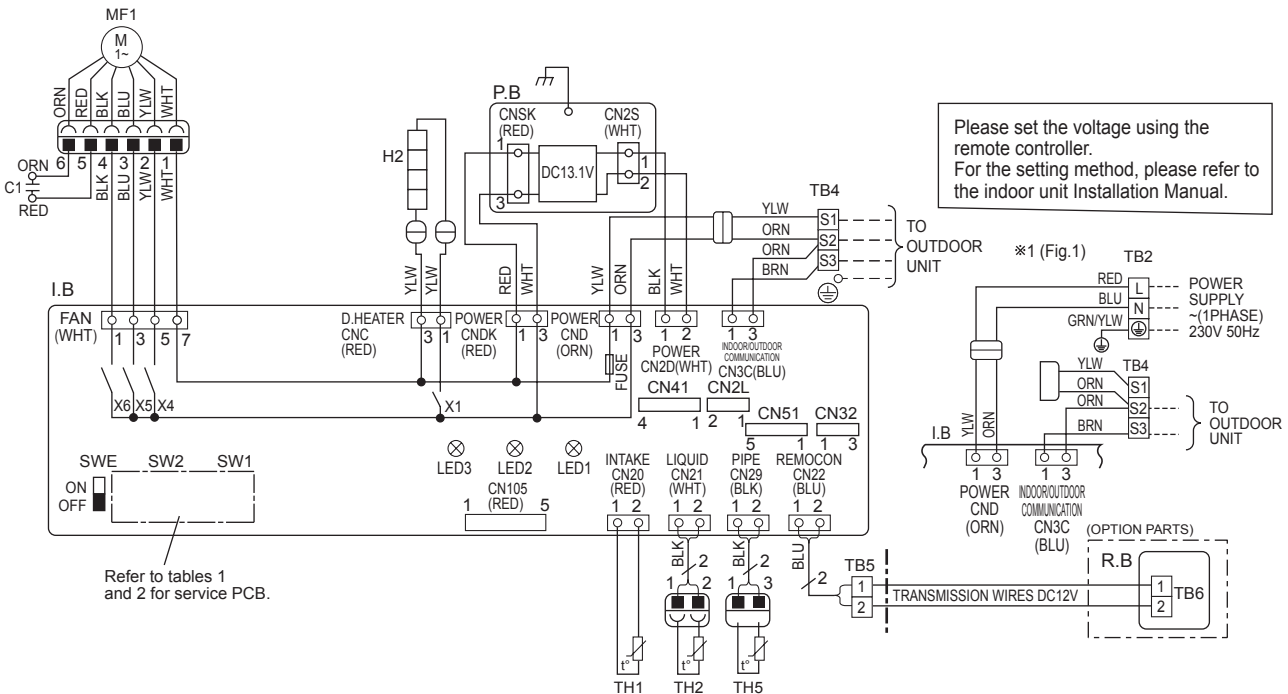


Table 1

SW1				
Service board				
1	2	3	4	5
ON	OFF	ON	OFF	ON

Table 2

SW2	
MODELS	Service board
PCA-RP71HAQ	1 2 3 4 5
	ON OFF

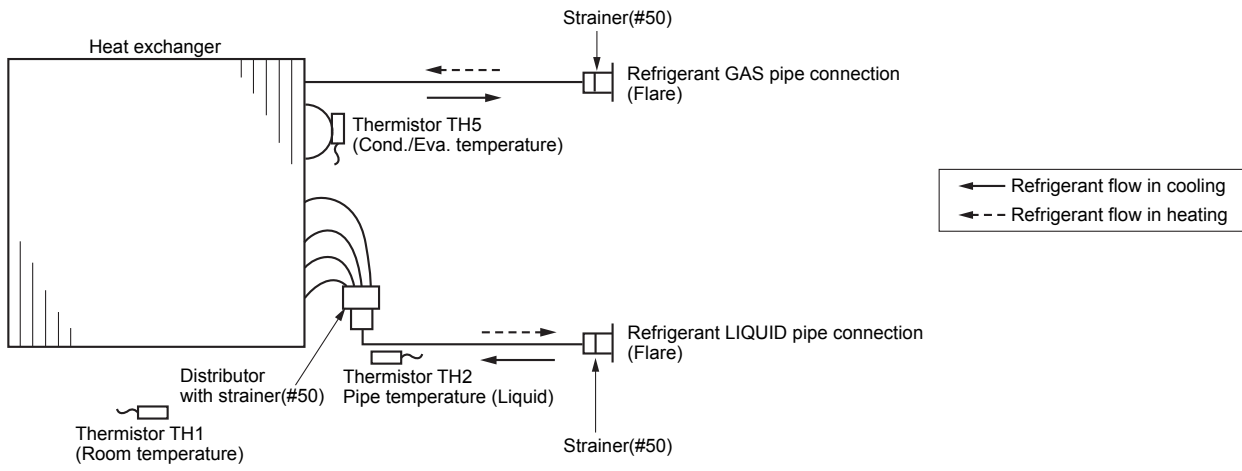
The black square (■) indicates a switch position.

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 above are, □○□: Connector, □□□: Terminal (block).
- *1 When work to supply power separately to Indoor and Outdoor unit was applied, refer to Fig1.
 *2 For power supply system of this unit, refer to the caution label located near this diagram.

A.4.4 REFRIGERANT SYSTEM DIAGRAM

PCA-RP71HAQ



CEILING-SUSPENDED for Kitchens

REFRIGERANT SYSTEM DIAGRAM

A.4.5 PERFORMANCE DATA

A.4.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY PCA-RP71HAQ / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,499	0.64	1.74	6,816	4,362	0.64	1.83	6,603	4,226	0.64	1.94
20	18	7,526	3,914	0.52	1.77	7,313	3,803	0.52	1.87	7,065	3,674	0.52	2.00
20	20	8,094	3,238	0.40	1.82	7,917	3,167	0.40	1.91	7,704	3,081	0.40	2.04
22	16	7,029	5,061	0.72	1.74	6,816	4,908	0.72	1.83	6,603	4,754	0.72	1.94
22	18	7,526	4,516	0.60	1.77	7,313	4,388	0.60	1.87	7,065	4,239	0.60	2.00
22	20	8,094	3,885	0.48	1.82	7,917	3,800	0.48	1.91	7,704	3,698	0.48	2.04
24	16	7,029	5,623	0.80	1.74	6,816	5,453	0.80	1.83	6,603	5,282	0.80	1.94
24	18	7,526	5,118	0.68	1.77	7,313	4,973	0.68	1.87	7,065	4,804	0.68	2.00
24	20	8,094	4,533	0.56	1.82	7,917	4,433	0.56	1.91	7,704	4,314	0.56	2.04
24	22	8,627	3,796	0.44	1.87	8,449	3,718	0.44	1.97	8,236	3,624	0.44	2.10
26	16	7,029	6,186	0.88	1.74	6,816	5,998	0.88	1.83	6,603	5,811	0.88	1.94
26	18	7,526	5,720	0.76	1.77	7,313	5,558	0.76	1.87	7,065	5,369	0.76	2.00
26	20	8,094	5,180	0.64	1.82	7,917	5,067	0.64	1.91	7,704	4,930	0.64	2.04
26	22	8,627	4,486	0.52	1.87	8,449	4,393	0.52	1.97	8,236	4,283	0.52	2.10
27	16	7,029	6,467	0.92	1.74	6,816	6,271	0.92	1.83	6,603	6,075	0.92	1.94
27	18	7,526	6,021	0.80	1.77	7,313	5,850	0.80	1.87	7,065	5,652	0.80	2.00
27	20	8,094	5,504	0.68	1.82	7,917	5,383	0.68	1.91	7,704	5,238	0.68	2.04
27	22	8,627	4,831	0.56	1.87	8,449	4,731	0.56	1.97	8,236	4,612	0.56	2.10
28	16	7,029	6,748	0.96	1.74	6,816	6,543	0.96	1.83	6,603	6,339	0.96	1.94
28	18	7,526	6,322	0.84	1.77	7,313	6,143	0.84	1.87	7,065	5,934	0.84	2.00
28	20	8,094	5,828	0.72	1.82	7,917	5,700	0.72	1.91	7,704	5,547	0.72	2.04
28	22	8,627	5,176	0.60	1.87	8,449	5,069	0.60	1.97	8,236	4,942	0.60	2.10
30	16	7,029	7,029	1.00	1.74	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.94
30	18	7,526	6,924	0.92	1.77	7,313	6,728	0.92	1.87	7,065	6,499	0.92	2.00
30	20	8,094	6,475	0.80	1.82	7,917	6,333	0.80	1.91	7,704	6,163	0.80	2.04
30	22	8,627	5,866	0.68	1.87	8,449	5,745	0.68	1.97	8,236	5,600	0.68	2.10
32	16	7,029	7,029	1.00	1.74	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.94
32	18	7,526	7,526	1.00	1.77	7,313	7,313	1.00	1.87	7,065	7,065	1.00	2.00
32	20	8,094	7,123	0.88	1.82	7,917	6,967	0.88	1.91	7,704	6,779	0.88	2.04
32	22	8,627	6,556	0.76	1.87	8,449	6,421	0.76	1.97	8,236	6,259	0.76	2.10
34	16	7,029	7,029	1.00	1.74	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.94
34	18	7,526	7,526	1.00	1.77	7,313	7,313	1.00	1.87	7,065	7,065	1.00	2.00
34	20	8,094	7,770	0.96	1.82	7,917	7,600	0.96	1.91	7,704	7,395	0.96	2.04
34	22	8,627	7,246	0.84	1.87	8,449	7,097	0.84	1.97	8,236	6,918	0.84	2.10

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,044	0.64	2.08	6,035	3,862	0.64	2.24	5,751	3,681	0.64	2.42
20	18	6,816	3,544	0.52	2.14	6,603	3,434	0.52	2.30	6,177	3,212	0.52	2.47
20	20	7,384	2,954	0.40	2.19	7,100	2,840	0.40	2.34	6,674	2,670	0.40	2.52
22	16	6,319	4,550	0.72	2.08	6,035	4,345	0.72	2.24	5,751	4,141	0.72	2.42
22	18	6,816	4,090	0.60	2.14	6,603	3,962	0.60	2.30	6,177	3,706	0.60	2.47
22	20	7,384	3,544	0.48	2.19	7,100	3,408	0.48	2.34	6,674	3,204	0.48	2.52
24	16	6,319	5,055	0.80	2.08	6,035	4,828	0.80	2.24	5,751	4,601	0.80	2.42
24	18	6,816	4,635	0.68	2.14	6,603	4,490	0.68	2.30	6,177	4,200	0.68	2.47
24	20	7,384	4,135	0.56	2.19	7,100	3,976	0.56	2.34	6,674	3,737	0.56	2.52
24	22	7,952	3,499	0.44	2.24	7,668	3,374	0.44	2.41	7,242	3,186	0.44	2.56
26	16	6,319	5,561	0.88	2.08	6,035	5,311	0.88	2.24	5,751	5,061	0.88	2.42
26	18	6,816	5,180	0.76	2.14	6,603	5,018	0.76	2.30	6,177	4,695	0.76	2.47
26	20	7,384	4,726	0.64	2.19	7,100	4,544	0.64	2.34	6,674	4,271	0.64	2.52
26	22	7,952	4,135	0.52	2.24	7,668	3,987	0.52	2.41	7,242	3,766	0.52	2.56
27	16	6,319	5,813	0.92	2.08	6,035	5,552	0.92	2.24	5,751	5,291	0.92	2.42
27	18	6,816	5,453	0.80	2.14	6,603	5,282	0.80	2.30	6,177	4,942	0.80	2.47
27	20	7,384	5,021	0.68	2.19	7,100	4,828	0.68	2.34	6,674	4,538	0.68	2.52
27	22	7,952	4,453	0.56	2.24	7,668	4,294	0.56	2.41	7,242	4,056	0.56	2.56
28	16	6,319	6,066	0.96	2.08	6,035	5,794	0.96	2.24	5,751	5,521	0.96	2.42
28	18	6,816	5,725	0.84	2.14	6,603	5,547	0.84	2.30	6,177	5,189	0.84	2.47
28	20	7,384	5,316	0.72	2.19	7,100	5,112	0.72	2.34	6,674	4,805	0.72	2.52
28	22	7,952	4,771	0.60	2.24	7,668	4,601	0.60	2.41	7,242	4,345	0.60	2.56
30	16	6,319	6,319	1.00	2.08	6,035	6,035	1.00	2.24	5,751	5,751	1.00	2.42
30	18	6,816	6,271	0.92	2.14	6,603	6,075	0.92	2.30	6,177	5,683	0.92	2.47
30	20	7,384	5,907	0.80	2.19	7,100	5,680	0.80	2.34	6,674	5,339	0.80	2.52
30	22	7,952	5,407	0.68	2.24	7,668	5,214	0.68	2.41	7,242	4,925	0.68	2.56
32	16	6,319	6,319	1.00	2.08	6,035	6,035	1.00	2.24	5,751	5,751	1.00	2.42
32	18	6,816	6,816	1.00	2.14	6,603	6,603	1.00	2.30	6,177	6,177	1.00	2.47
32	20	7,384	6,498	0.88	2.19	7,100	6,248	0.88	2.34	6,674	5,873	0.88	2.52
32	22	7,952	6,044	0.76	2.24	7,668	5,828	0.76	2.41	7,242	5,504	0.76	2.56
34	16	6,319	6,319	1.00	2.08	6,035	6,035	1.00	2.24	5,751	5,751	1.00	2.42
34	18	6,816	6,816	1.00	2.14	6,603	6,603	1.00	2.30	6,177	6,177	1.00	2.47
34	20	7,384	7,089	0.96	2.19	7,100	6,816	0.96	2.34	6,674	6,407	0.96	2.52
34	22	7,952	6,680	0.84	2.24	7,668	6,441	0.84	2.41	7,242	6,083	0.84	2.56

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

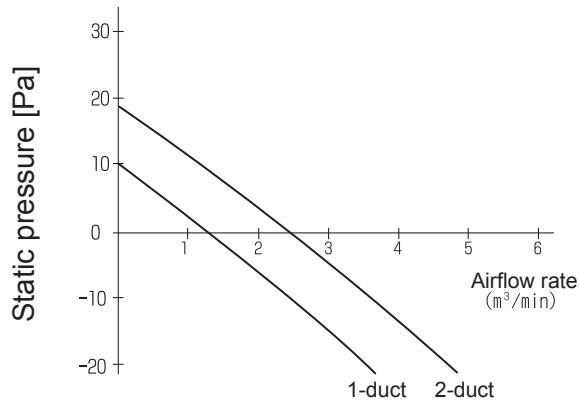
HEATING CAPACITY
PCA-RP-HAQ / PUHZ-ZRP-VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP71HAQ	15	4,826	1.39	5,244	1.53	5,852	1.76	7,676	2.12	8,664	2.35	9,652	2.54
	20	4,636	1.50	5,016	1.65	5,548	1.90	7,410	2.28	8,360	2.54	9,310	2.73
	25	4,484	1.60	4,864	1.79	5,320	2.07	6,992	2.42	8,056	2.71	8,968	2.93

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.4.6 FRESH AIR INTAKE
FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

PCA-RP71HAQ



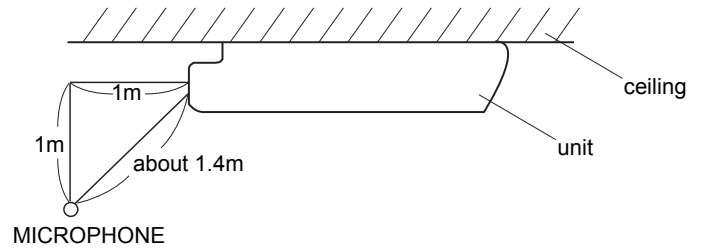
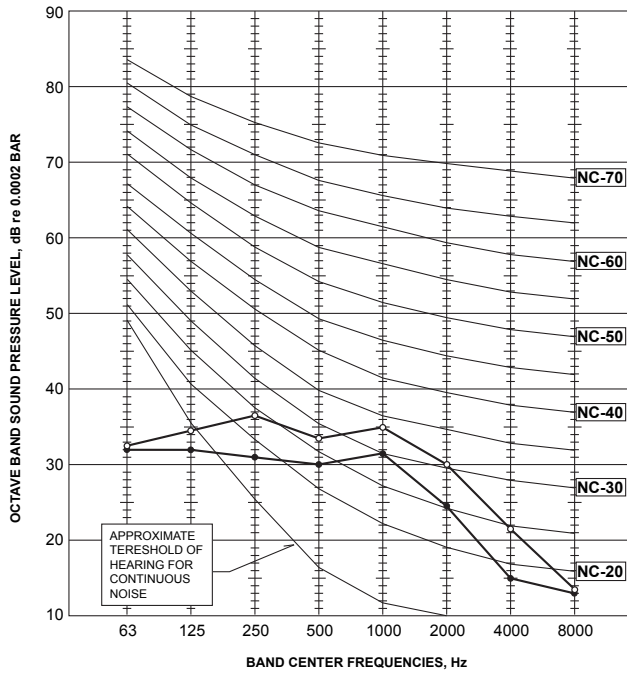
CEILING-SUSPENDED for Kitchens
 PERFORMANCE DATA
 FRESH AIR INTAKE

A.4.7 NOISE CRITERIA CURVES

PCA-RP71HAQ

NOTCH	SPL(dB)	LINE
High	38	○—○
Low	34	●—●

CEILING-SUSPENDED for Kitchens
NOISE CRITERIA CURVES



A.4.8 OUTLET AIR SPEED AND COVERAGE RANGE

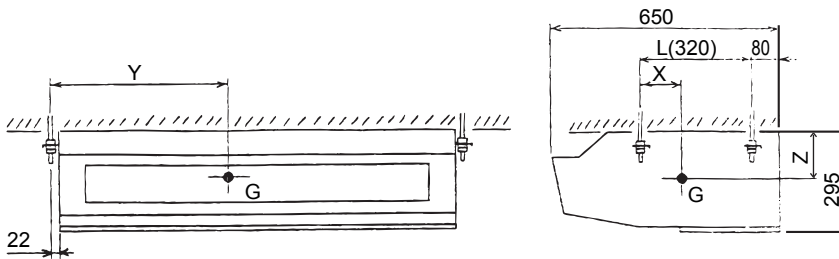
	PCA-RP71HAQ
Air flow m ³ /min	19
Air speed m/sec	3.2
Coverage range m(ft)	9.9(32.5)

* 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.

CEILING-SUSPENDED for Kitchens

OUTLET AIR SPEED AND COVERAGE RANGE CENTER OF GRAVITY POSITION

A.4.9 CENTER OF GRAVITY POSITION



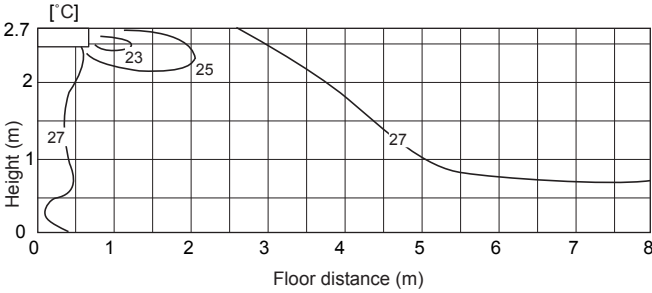
Unit: [mm]

Model	X	Y	Z
PCA-RP71HAQ	125	575	170

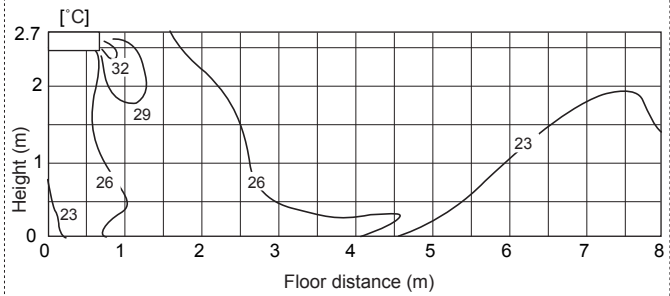
A.4.10 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions PCA-RP71HAQ

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

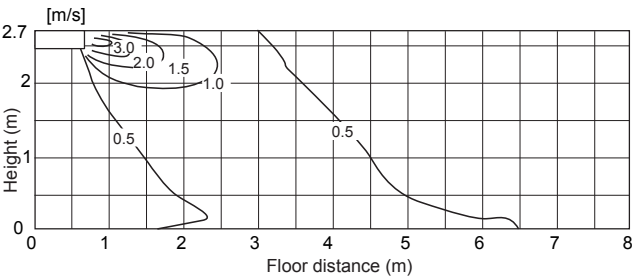


<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch

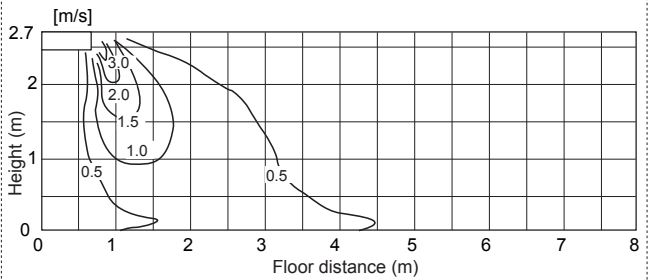


Airflow distributions PCA-RP71HAQ

<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.

CEILING-SUSPENDED for Kitchens TEMPERATURE AND AIR FLOW DISTRIBUTIONS

A.5 FLOOR STANDING (PSA)

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A.5.1 SPECIFICATIONS

A.5.1.1 INVERTER MODELS Heat pump type

1. Power Inverter SERIES

Model Name	Indoor Unit			PSA-RP71KA	PSA-RP100KA	PSA-RP100KA	
	Outdoor Unit			PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	
Power Supply	Source			Outdoor power supply			
	Out	V		230	230	400	
		Phase		Single	Single	3	
		Hz		50	50	50	
	In	V		-	-	-	
Phase		-	-	-			
Hz		-	-	-			
Refrigerant				R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Max.	kW	8.1	11.4	11.4	
		Min.	kW	3.3	4.9	4.9	
	SHF	Rated		0.75	0.73	0.73	
	Total Input	Rated	kW	1.89	2.50	2.50	
	EER			3.76	3.8	3.8	
	Annual Electricity Consumption		kWh/a	396	595	609	
	SEER			6.3	5.6	5.5	
			Energy efficiency class	A++	A+	A	
	Heating	Capacity	Rated	kW	7.6	11.2	11.2
Max.			kW	10.2	14.0	14.0	
Min.			kW	3.5	4.5	4.5	
Total Input		Rated	kW	2.21	3.08	3.08	
COP			3.44	3.64	3.64		
Annual Electricity Consumption		kWh/a	1666	2761	2761		
SCOP			4.0	4.0	4.0		
		Energy efficiency class	A+	A+	A+		
Operating Current(max)			A	19.4	27.2	8.7	
Indoor Unit	Input	Rated	kW	0.06	0.11	0.11	
		Operating Current(max)		A	0.4	0.71	0.71
	Dimensions	Height	mm	1900	1900	1900	
		Width	mm	600	600	600	
		Depth	mm	360	360	360	
	Weight		kg	46	46	46	
	Air Volume	Low	m ³ /min.	20.0	25.0	25.0	
		Mid2	m ³ /min.	-	-	-	
		Mid	m ³ /min.	22.0	28.0	28.0	
		Hi	m ³ /min.	24.0	30.0	30.0	
	External Static Pressure		Pa	-	-	-	
	Sound Level (SPL)	Low	dB(A)	40	45	45	
		Mid2	dB(A)	-	-	-	
		Mid	dB(A)	42	49	49	
		Hi	dB(A)	44	51	51	
Sound Level (PWL)	Cooling		60	65	65		
Outdoor Unit	Dimensions	Height	mm	943	1338	1338	
		Width	mm	950	1050	1050	
		Depth	mm	330 (+30)	330 (+40)	330 (+40)	
	Weight		kg	70	116	123	
	Air Volume	Cooling	Rated	m ³ /min.	55.0	110.0	110.0
		Heating	Rated	m ³ /min.	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
		Heating	Rated	dB(A)	44	46	46
	Sound Level (PWL)	Cooling		67	69	69	
		Operating Current(max)		A	19.0	26.5	8.0
	Breaker Size		A	25	32	16	
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Cooling	Upper Limit.	°C	46	46	46	
		Lower Limit.	°C	-15*	-15*	-15*	
	Heating	Upper Limit.	°C	21	21	21	
		Lower Limit.	°C	-20	-20	-20	

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

Model Name	Indoor Unit			PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA	
	Outdoor Unit			PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3	
Power Supply	Source			Outdoor power supply				
	Out	V		230	400	230	400	
		Phase		Single	3	Single	3	
		Hz		50	50	50	50	
	In	V		-	-	-	-	
		Phase		-	-	-	-	
Hz		-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4	
		Max.	kW	14.0	14.0	15.0	15.0	
		Min.	kW	5.5	5.5	6.2	6.2	
	SHF	Rated		0.72	0.72	0.71	0.71	
	Total Input	Rated	kW	4.09	4.09	4.06	4.06	
	EER			3.06	3.06	3.30	3.30	
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SEER			-	-	-	-	
	Energy efficiency class			-	-	-	-	
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0
Max.			kW	16.0	16.0	18.0	18.0	
Min.			kW	5.0	5.0	5.7	5.7	
Total Input		Rated	kW	4.24	4.24	4.79	4.79	
COP			3.30	3.30	3.34	3.34		
Annual Electricity Consumption			kWh/a	-	-	-	-	
SCOP			-	-	-	-		
Energy efficiency class			-	-	-	-		
Operating Current(max)			A	27.2	10.2	28.7	13.7	
Indoor Unit		Input	Rated	kW	0.11	0.11	0.11	0.11
	Operating Current(max)			A	0.73	0.73	0.73	
	Dimensions	Height	mm	1900	1900	1900	1900	
		Width	mm	600	600	600	600	
		Depth	mm	360	360	360	360	
	Weight			kg	46	46	48	48
	Air Volume	Low	m ³ /min.	25.0	25.0	25.0	25.0	
		Mid2	m ³ /min.	-	-	-	-	
		Mid	m ³ /min.	28.0	28.0	28.0	28.0	
		Hi	m ³ /min.	31.0	31.0	31.0	31.0	
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)	Low	dB(A)	45	45	45	45	
		Mid2	dB(A)	-	-	-	-	
		Mid	dB(A)	49	49	49	49	
		Hi	dB(A)	51	51	51	51	
	Sound Level (PWL)	Cooling		66	66	66	66	
Outdoor Unit	Dimensions	Height	mm	1338	1338	1338	1338	
		Width	mm	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m ³ /min.	120.0	120.0	120.0	120.0
		Heating	Rated	m ³ /min.	120.0	120.0	120.0	120.0
	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		70	70	70	70	
Operating Current(max)			A	26.5	9.5	28.0	13.0	
Breaker Size			A	32	16	40	16	
Ext. Piping	Diameter	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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

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

FLOOR-STANDING SPECIFICATIONS

2. Mr.Slim+

Model Name		Indoor Unit		PSA-RP71KA		
		Outdoor Unit		PUHZ-FRP71VHA2		
Power Supply			Source	Outdoor power supply		
Out		V		230		
		Phase		Single		
In		V		-		
		Phase		-		
		Hz		50		
		Hz		-		
		Hz		-		
Refrigerant			R410A			
Cooling	Capacity	Rated	kW	7.1		
		Max.	kW	8.1		
		Min.	kW	3.3		
	SHF	Rated				-
	Total Input	Rated	kW	2.15		
	EER			3.30		
	Annual Electricity Consumption			kWh/a	409	
	SEER			6.0		
			Energy efficiency class			A+
Heating	Capacity	Rated	kW	8.0		
		Max.	kW	10.2		
		Min.	kW	3.5		
	Total Input	Rated	kW	2.42		
	COP			3.30		
	Annual Electricity Consumption			kWh/a	1699	
	SCOP			3.8		
				Energy efficiency class		
Operating Current(max)			A	19.0		
Indoor Unit	Input	Rated		kW	0.06	
		Operating Current(max)		A	0.4	
	Dimensions	Height		mm	1900	
		Width		mm	600	
		Depth		mm	360	
	Weight				kg	46
	Air Volume	Low		m ³ /min.	20.0	
		Mid2		m ³ /min.	-	
		Mid		m ³ /min.	22.0	
		Hi		m ³ /min.	24.0	
	External Static Pressure			Pa	-	
	Sound Level (SPL)	Low		dB(A)	40	
		Mid2		dB(A)	-	
		Mid		dB(A)	42	
		Hi		dB(A)	44	
Sound Level (PWL)	Cooling		60			
Outdoor Unit	Dimensions	Height		mm	943	
		Width		mm	950	
		Depth		mm	330 (+30)	
	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		67		
Operating Current(max)			A	19.0		
Breaker Size			A	25		
Ext. Piping	Diameter	Liquid		mm	9.52	
		Gas		mm	15.88	
	Max. Length	Out-In		m	60	
	Max. Height	Out-In	Below Indoor	m	20	
			Above Indoor	m	20	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	
			Lower Limit.	°C	- 15*	
	Heating	Upper Limit.	°C	21		
		Lower Limit.	°C	-20		

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

3. Standard Inverter SERIES

Model Name	Indoor Unit			PSA-RP100KA		PSA-RP125KA		PSA-RP140KA		
	Outdoor Unit			PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA	
Power Supply	Source			Outdoor power supply						
	Out	V		230	400	230	400	230	400	
		Phase		Single	3	Single	3	Single	3	
		Hz		50		50		50		
	In	V		-	-	-	-	-	-	
Phase		-	-	-	-	-	-			
Hz		-	-	-	-	-	-			
Refrigerant				R410A		R410A		R410A		
Cooling	Capacity	Rated	kW	9.4		12.1		13.6		
		Max.	kW	10.6		13.0		13.7		
		Min.	kW	3.7		5.6		5.8		
	SHF		Rated		0.73		0.72		0.71	
	Total Input	Rated	kW	3.120		5.02		6.38		
	EER			3.01		2.41		2.13		
	Annual Electricity Consumption			kWh/a	644		-		-	
	SEER			5.1		-		-		
	Energy efficiency class			A		-		-		
	Heating	Capacity	Rated	kW	11.2		13.5		15.0	
Max.			kW	12.5		15.0		15.8		
Min.			kW	2.8		4.8		4.9		
Total Input		Rated	kW	3.280		4.80		4.82		
COP			3.41		2.81		3.11			
Annual Electricity Consumption			kWh/a	2794		-		-		
SCOP			4.0		-		-			
Energy efficiency class			A+		-		-			
Operating Current(max)			A	20.7	12.2	27.2	12.2	30.7	12.2	
Indoor Unit		Input	Rated	kW	0.11		0.11		0.11	
	Operating Current(max)		A	0.71		0.73		0.73		
	Dimensions	Height	mm	1900		1900		1900		
		Width	mm	600		600		600		
		Depth	mm	360		360		360		
	Weight			kg	46		46		48	
	Air Volume	Low	Mid	m³/min.	25.0		25.0		25.0	
			Mid2	m³/min.	-		-		-	
			Mid	m³/min.	28.0		28.0		28.0	
			Hi	m³/min.	30.0		31.0		31.0	
	External Static Pressure			Pa	-		-		-	
	Sound Level (SPL)	Low	Mid	dB(A)	45		45		45	
			Mid2	dB(A)	-		-		-	
			Mid	dB(A)	49		49		49	
			Hi	dB(A)	51		51		51	
	Sound Level (PWL)	Cooling		65		66		66		
Outdoor Unit	Dimensions	Height	mm	981		981		981		
		Width	mm	1050		1050		1050		
		Depth	mm	330(+40)		330(+40)		330(+40)		
	Weight			kg	76	78	84	85	84	85
	Air Volume	Cooling	Rated	m³/min.	79		86		86	
			Heating	Rated	79		92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51		54		56	
			Silent	dB(A)	49		52		54	
			Heating	Rated	54		56		57	
	Sound Level (PWL)	Cooling		70		72		75		
Operating Current(max)			A	20.0	11.5	26.5	11.5	30.0	11.5	
Breaker Size			A	32	16	32	16	40	16	
Ext. Piping	Diameter	Liquid	mm	9.52		9.52		9.52		
		Gas	mm	15.88		15.88		15.88		
	Max. Length	Out-In	m	50		50		50		
	Max. Height	Out-In	Below Indoor	m	30		30		30	
			Above Indoor	m	30		30		30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		46		46	
			Lower Limit.	°C	-15*		-15*		-15*	
		Heating	Upper Limit.	°C	21		21		21	
			Lower Limit.	°C	-15		-15		-15	

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

FLOOR-STANDING

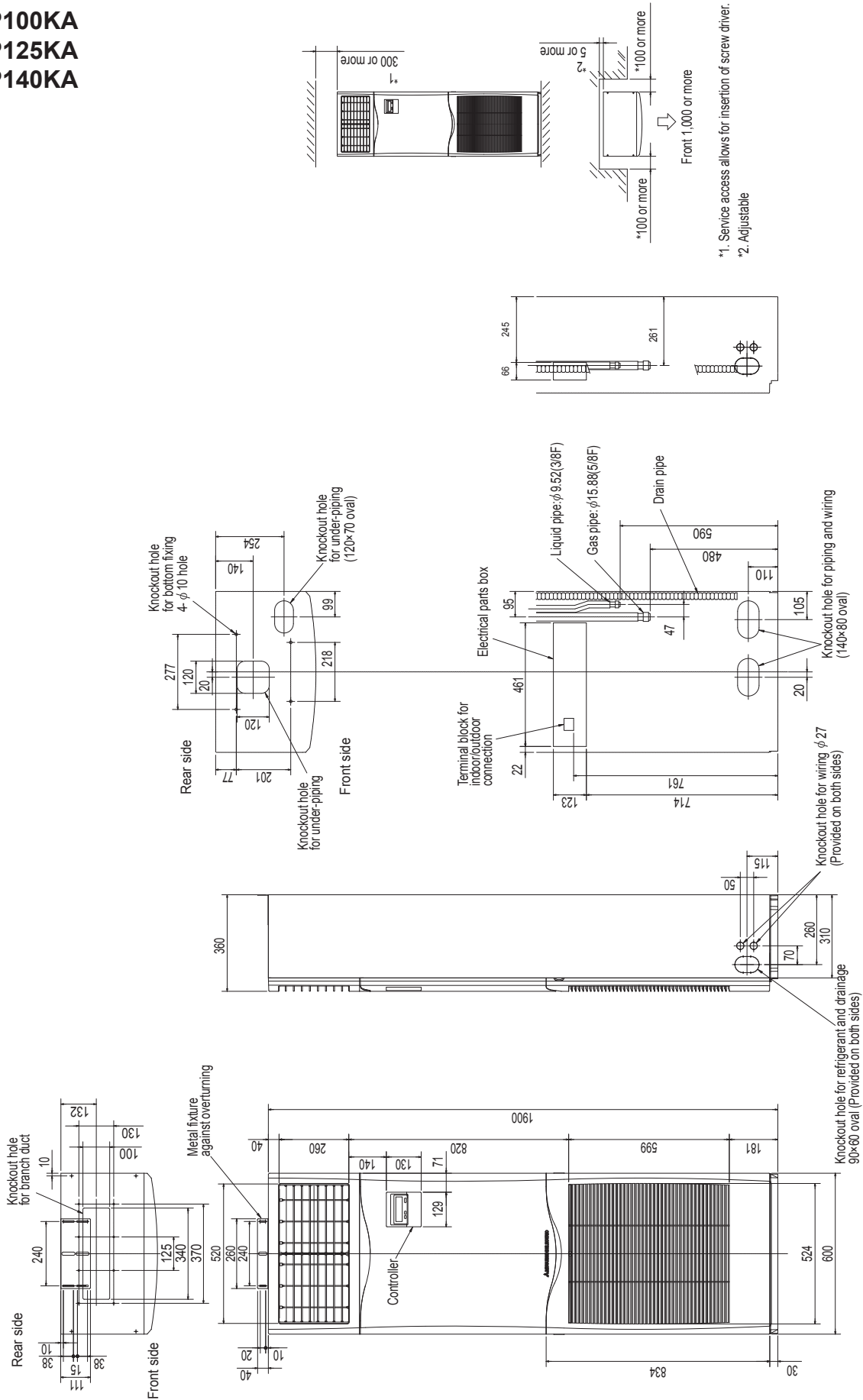
SPECIFICATIONS

A.5.2 OUTLINES AND DIMENSIONS

PSA-RP71KA
 PSA-RP100KA
 PSA-RP125KA
 PSA-RP140KA

Unit : mm

FLOOR- STANDING OUTLINES AND DIMENSIONS

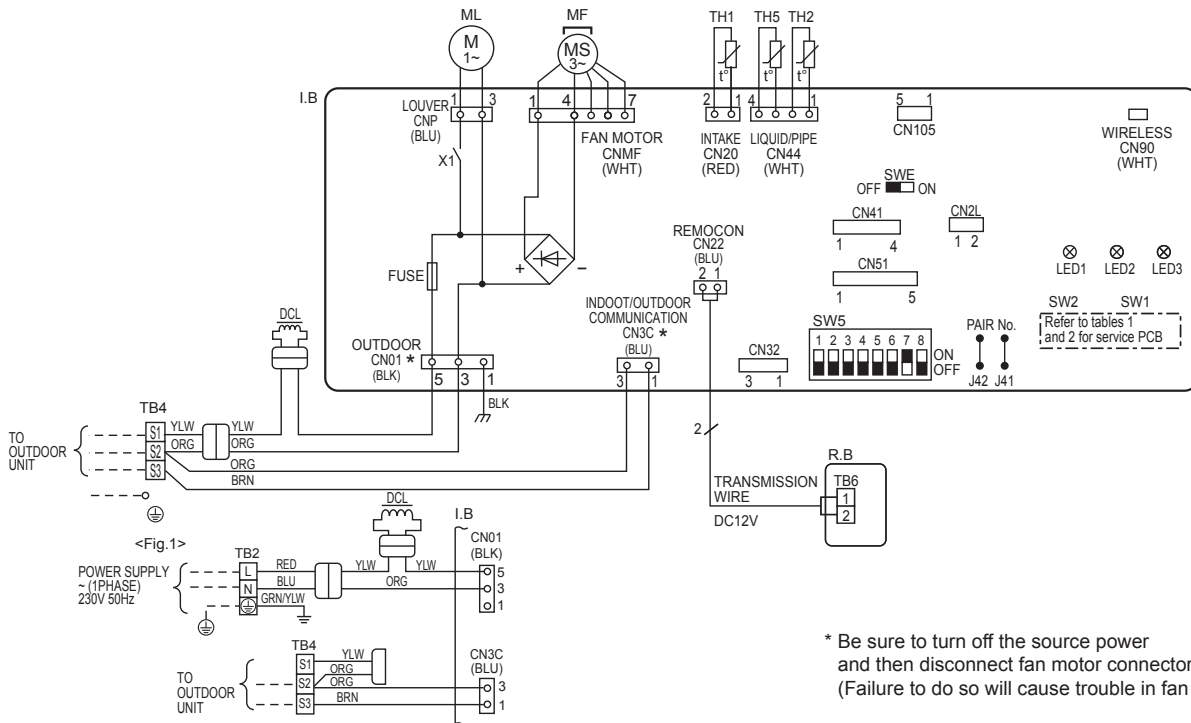


A.5.3 WIRING DIAGRAM

PSA-RP71KA
PSA-RP100KA
PSA-RP125KA
PSA-RP140KA

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	R.B	WIRED REMOTE CONTROLLER BOARD
FUSE	FUSE (6.3A)	TB6	TERMINAL BLOCK<REMOTE CONTROLLER TRANSMISSION LINE>
CN2L	CONNECTOR<LOSSNAY>	DCL	REACTOR
CN32	CONNECTOR<REMOTE SWITCH>	MF	FAN MOTOR
CN41	CONNECTOR<HA TERMINAL-A>	ML	LOUVER MOTOR
CN51	CONNECTOR<CENTRALLY CONTROL>	TB2	TERMINAL BLOCK option for PSA-RP-KA models.
CN105	CONNECTOR<IT TERMINAL>	TB4	TERMINAL BLOCK <INDOOR/OUTDOOR CONNECTING LINE>
LED1	POWER SUPPLY<I.B>	TH1	ROOM TEMPERATURE THERMISTOR <0°C/15kΩ, 25°C/5.4kΩ DETECT>
LED2	POWER SUPPLY<R.B>	TH2	PIPE TEMPERATURE THERMISTOR/LIQUID <0°C/15kΩ, 25°C/5.4kΩ DETECT>
LED3	TRANSMISSION<INDOOR-OUTDOOR>	TH5	COND./EVA. TEMPERATURE THERMISTOR <0°C/15kΩ, 25°C/5.4kΩ DETECT>
SW1	SWITCH <MODEL SELECTION> *See Table 1.		
SW2	SWITCH <CAPACITY CODE> *See Table 2.		
SWE	SWITCH<EMERGENCY OPERATION>		
X1	RELAY<LOUVER>		

FLOOR-STANDING
WIRING DIAGRAM



*The black square (■) indicates a switch position.

Table 1

SW1																					
MODELS	Manufacture/Service																				
PSA-RP-KA	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>■</td><td>■</td><td>■</td><td>■</td><td>■</td> </tr> <tr> <td>ON</td><td>ON</td><td>ON</td><td>ON</td><td>ON</td> </tr> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td> </tr> </table>	1	2	3	4	5	■	■	■	■	■	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
1	2	3	4	5																	
■	■	■	■	■																	
ON	ON	ON	ON	ON																	
OFF	OFF	OFF	OFF	OFF																	

Table 2

SW2																					
MODELS	Manufacture/Service																				
PSA-RP71KA	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>■</td><td>■</td><td>■</td><td>■</td><td>■</td> </tr> <tr> <td>ON</td><td>ON</td><td>ON</td><td>ON</td><td>ON</td> </tr> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td> </tr> </table>	1	2	3	4	5	■	■	■	■	■	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
1	2	3	4	5																	
■	■	■	■	■																	
ON	ON	ON	ON	ON																	
OFF	OFF	OFF	OFF	OFF																	
PSA-RP100KA	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>■</td><td>■</td><td>■</td><td>■</td><td>■</td> </tr> <tr> <td>ON</td><td>ON</td><td>ON</td><td>ON</td><td>ON</td> </tr> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td> </tr> </table>	1	2	3	4	5	■	■	■	■	■	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
1	2	3	4	5																	
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ON	ON	ON	ON	ON																	
OFF	OFF	OFF	OFF	OFF																	
PSA-RP125KA	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>■</td><td>■</td><td>■</td><td>■</td><td>■</td> </tr> <tr> <td>ON</td><td>ON</td><td>ON</td><td>ON</td><td>ON</td> </tr> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td> </tr> </table>	1	2	3	4	5	■	■	■	■	■	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
1	2	3	4	5																	
■	■	■	■	■																	
ON	ON	ON	ON	ON																	
OFF	OFF	OFF	OFF	OFF																	
PSA-RP140KA	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>■</td><td>■</td><td>■</td><td>■</td><td>■</td> </tr> <tr> <td>ON</td><td>ON</td><td>ON</td><td>ON</td><td>ON</td> </tr> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td> </tr> </table>	1	2	3	4	5	■	■	■	■	■	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
1	2	3	4	5																	
■	■	■	■	■																	
ON	ON	ON	ON	ON																	
OFF	OFF	OFF	OFF	OFF																	

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

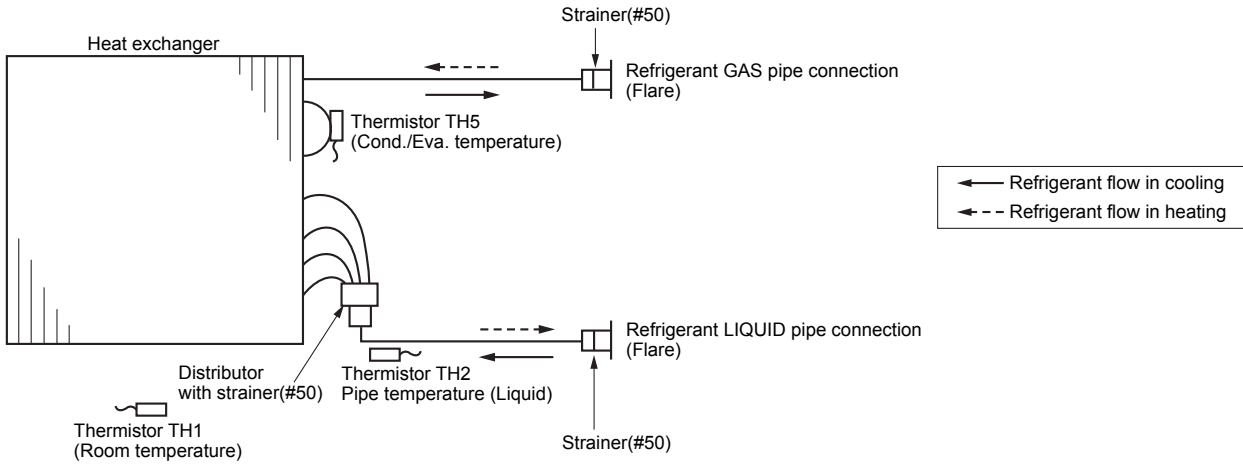
[NOTES]

1. Symbols used in wiring diagram above 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.

A.5.4 REFRIGERANT SYSTEM DIAGRAM

PSA-RP71KA
PSA-RP100KA
PSA-RP125KA
PSA-RP140KA

FLOOR-
STANDING
REFRIGERANT SYSTEM DIAGRAM



A.5.5 PERFORMANCE DATA

A.5.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY

PSA-RP71KA / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,569	0.65	1.51	6,816	4,430	0.65	1.60	6,603	4,292	0.65	1.69
20	18	7,526	3,989	0.53	1.54	7,313	3,876	0.53	1.63	7,065	3,744	0.53	1.74
20	20	8,094	3,319	0.41	1.59	7,917	3,246	0.41	1.66	7,704	3,158	0.41	1.78
22	16	7,029	5,131	0.73	1.51	6,816	4,976	0.73	1.60	6,603	4,820	0.73	1.69
22	18	7,526	4,591	0.61	1.54	7,313	4,461	0.61	1.63	7,065	4,309	0.61	1.74
22	20	8,094	3,966	0.49	1.59	7,917	3,879	0.49	1.66	7,704	3,775	0.49	1.78
24	16	7,029	5,693	0.81	1.51	6,816	5,521	0.81	1.60	6,603	5,348	0.81	1.69
24	18	7,526	5,193	0.69	1.54	7,313	5,046	0.69	1.63	7,065	4,875	0.69	1.74
24	20	8,094	4,614	0.57	1.59	7,917	4,512	0.57	1.66	7,704	4,391	0.57	1.78
24	22	8,627	3,882	0.45	1.63	8,449	3,802	0.45	1.72	8,236	3,706	0.45	1.83
26	16	7,029	6,256	0.89	1.51	6,816	6,066	0.89	1.60	6,603	5,877	0.89	1.69
26	18	7,526	5,795	0.77	1.54	7,313	5,631	0.77	1.63	7,065	5,440	0.77	1.74
26	20	8,094	5,261	0.65	1.59	7,917	5,146	0.65	1.66	7,704	5,007	0.65	1.78
26	22	8,627	4,572	0.53	1.63	8,449	4,478	0.53	1.72	8,236	4,365	0.53	1.83
27	16	7,029	6,537	0.93	1.51	6,816	6,339	0.93	1.60	6,603	6,141	0.93	1.69
27	18	7,526	6,096	0.81	1.54	7,313	5,924	0.81	1.63	7,065	5,722	0.81	1.74
27	20	8,094	5,585	0.69	1.59	7,917	5,462	0.69	1.66	7,704	5,315	0.69	1.78
27	22	8,627	4,917	0.57	1.63	8,449	4,816	0.57	1.72	8,236	4,695	0.57	1.83
28	16	7,029	6,818	0.97	1.51	6,816	6,612	0.97	1.60	6,603	6,405	0.97	1.69
28	18	7,526	6,397	0.85	1.54	7,313	6,216	0.85	1.63	7,065	6,005	0.85	1.74
28	20	8,094	5,909	0.73	1.59	7,917	5,779	0.73	1.66	7,704	5,624	0.73	1.78
28	22	8,627	5,262	0.61	1.63	8,449	5,154	0.61	1.72	8,236	5,024	0.61	1.83
30	16	7,029	7,029	1.00	1.51	6,816	6,816	1.00	1.60	6,603	6,603	1.00	1.69
30	18	7,526	6,999	0.93	1.54	7,313	6,801	0.93	1.63	7,065	6,570	0.93	1.74
30	20	8,094	6,566	0.81	1.59	7,917	6,412	0.81	1.66	7,704	6,240	0.81	1.78
30	22	8,627	5,952	0.69	1.63	8,449	5,830	0.69	1.72	8,236	5,683	0.69	1.83
32	16	7,029	7,029	1.00	1.51	6,816	6,816	1.00	1.60	6,603	6,603	1.00	1.69
32	18	7,526	7,526	1.00	1.54	7,313	7,313	1.00	1.63	7,065	7,065	1.00	1.74
32	20	8,094	7,204	0.89	1.59	7,917	7,046	0.89	1.66	7,704	6,856	0.89	1.78
32	22	8,627	6,642	0.77	1.63	8,449	6,506	0.77	1.72	8,236	6,342	0.77	1.83
34	16	7,029	7,029	1.00	1.51	6,816	6,816	1.00	1.60	6,603	6,603	1.00	1.69
34	18	7,526	7,526	1.00	1.54	7,313	7,313	1.00	1.63	7,065	7,065	1.00	1.74
34	20	8,094	7,851	0.97	1.59	7,917	7,679	0.97	1.66	7,704	7,472	0.97	1.78
34	22	8,627	7,333	0.85	1.63	8,449	7,182	0.85	1.72	8,236	7,001	0.85	1.83

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,107	0.65	1.81	6,035	3,923	0.65	1.95	5,751	3,738	0.65	2.11
20	18	6,816	3,612	0.53	1.86	6,603	3,500	0.53	2.00	6,177	3,274	0.53	2.15
20	20	7,384	3,027	0.41	1.91	7,100	2,911	0.41	2.04	6,674	2,736	0.41	2.19
22	16	6,319	4,613	0.73	1.81	6,035	4,406	0.73	1.95	5,751	4,198	0.73	2.11
22	18	6,816	4,158	0.61	1.86	6,603	4,028	0.61	2.00	6,177	3,768	0.61	2.15
22	20	7,384	3,618	0.49	1.91	7,100	3,479	0.49	2.04	6,674	3,270	0.49	2.19
24	16	6,319	5,118	0.81	1.81	6,035	4,888	0.81	1.95	5,751	4,658	0.81	2.11
24	18	6,816	4,703	0.69	1.86	6,603	4,556	0.69	2.00	6,177	4,262	0.69	2.15
24	20	7,384	4,209	0.57	1.91	7,100	4,047	0.57	2.04	6,674	3,804	0.57	2.19
24	22	7,952	3,578	0.45	1.95	7,668	3,451	0.45	2.10	7,242	3,259	0.45	2.23
26	16	6,319	5,624	0.89	1.81	6,035	5,371	0.89	1.95	5,751	5,118	0.89	2.11
26	18	6,816	5,248	0.77	1.86	6,603	5,084	0.77	2.00	6,177	4,756	0.77	2.15
26	20	7,384	4,800	0.65	1.91	7,100	4,615	0.65	2.04	6,674	4,338	0.65	2.19
26	22	7,952	4,215	0.53	1.95	7,668	4,064	0.53	2.10	7,242	3,838	0.53	2.23
27	16	6,319	5,877	0.93	1.81	6,035	5,613	0.93	1.95	5,751	5,348	0.93	2.11
27	18	6,816	5,521	0.81	1.86	6,603	5,348	0.81	2.00	6,177	5,003	0.81	2.15
27	20	7,384	5,095	0.69	1.91	7,100	4,899	0.69	2.04	6,674	4,605	0.69	2.19
27	22	7,952	4,533	0.57	1.95	7,668	4,371	0.57	2.10	7,242	4,128	0.57	2.23
28	16	6,319	6,129	0.97	1.81	6,035	5,854	0.97	1.95	5,751	5,578	0.97	2.11
28	18	6,816	5,794	0.85	1.86	6,603	5,613	0.85	2.00	6,177	5,250	0.85	2.15
28	20	7,384	5,390	0.73	1.91	7,100	5,183	0.73	2.04	6,674	4,872	0.73	2.19
28	22	7,952	4,851	0.61	1.95	7,668	4,677	0.61	2.10	7,242	4,418	0.61	2.23
30	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
30	18	6,816	6,339	0.93	1.86	6,603	6,141	0.93	2.00	6,177	5,745	0.93	2.15
30	20	7,384	5,981	0.81	1.91	7,100	5,751	0.81	2.04	6,674	5,406	0.81	2.19
30	22	7,952	5,487	0.69	1.95	7,668	5,291	0.69	2.10	7,242	4,997	0.69	2.23
32	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
32	18	6,816	6,816	1.00	1.86	6,603	6,603	1.00	2.00	6,177	6,177	1.00	2.15
32	20	7,384	6,572	0.89	1.91	7,100	6,319	0.89	2.04	6,674	5,940	0.89	2.19
32	22	7,952	6,123	0.77	1.95	7,668	5,904	0.77	2.10	7,242	5,576	0.77	2.23
34	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
34	18	6,816	6,816	1.00	1.86	6,603	6,603	1.00	2.00	6,177	6,177	1.00	2.15
34	20	7,384	7,162	0.97	1.91	7,100	6,887	0.97	2.04	6,674	6,474	0.97	2.19
34	22	7,952	6,759	0.85	1.95	7,668	6,518	0.85	2.10	7,242	6,156	0.85	2.23

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP100KA / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	5,925	0.63	2.00	9,120	5,746	0.63	2.11	8,835	5,566	0.63	2.24
20	18	10,070	5,136	0.51	2.04	9,785	4,990	0.51	2.15	9,453	4,821	0.51	2.30
20	20	10,830	4,224	0.39	2.10	10,593	4,131	0.39	2.20	10,308	4,020	0.39	2.35
22	16	9,405	6,678	0.71	2.00	9,120	6,475	0.71	2.11	8,835	6,273	0.71	2.24
22	18	10,070	5,941	0.59	2.04	9,785	5,773	0.59	2.15	9,453	5,577	0.59	2.30
22	20	10,830	5,090	0.47	2.10	10,593	4,978	0.47	2.20	10,308	4,845	0.47	2.35
24	16	9,405	7,430	0.79	2.00	9,120	7,205	0.79	2.11	8,835	6,980	0.79	2.24
24	18	10,070	6,747	0.67	2.04	9,785	6,556	0.67	2.15	9,453	6,333	0.67	2.30
24	20	10,830	5,957	0.55	2.10	10,593	5,826	0.55	2.20	10,308	5,669	0.55	2.35
24	22	11,543	4,963	0.43	2.15	11,305	4,861	0.43	2.28	11,020	4,739	0.43	2.43
26	16	9,405	8,182	0.87	2.00	9,120	7,934	0.87	2.11	8,835	7,686	0.87	2.24
26	18	10,070	7,553	0.75	2.04	9,785	7,339	0.75	2.15	9,453	7,089	0.75	2.30
26	20	10,830	6,823	0.63	2.10	10,593	6,673	0.63	2.20	10,308	6,494	0.63	2.35
26	22	11,543	5,887	0.51	2.15	11,305	5,766	0.51	2.28	11,020	5,620	0.51	2.43
27	16	9,405	8,559	0.91	2.00	9,120	8,299	0.91	2.11	8,835	8,040	0.91	2.24
27	18	10,070	7,955	0.79	2.04	9,785	7,730	0.79	2.15	9,453	7,467	0.79	2.30
27	20	10,830	7,256	0.67	2.10	10,593	7,097	0.67	2.20	10,308	6,906	0.67	2.35
27	22	11,543	6,348	0.55	2.15	11,305	6,218	0.55	2.28	11,020	6,061	0.55	2.43
28	16	9,405	8,935	0.95	2.00	9,120	8,664	0.95	2.11	8,835	8,393	0.95	2.24
28	18	10,070	8,358	0.83	2.04	9,785	8,122	0.83	2.15	9,453	7,846	0.83	2.30
28	20	10,830	7,689	0.71	2.10	10,593	7,521	0.71	2.20	10,308	7,318	0.71	2.35
28	22	11,543	6,810	0.59	2.15	11,305	6,670	0.59	2.28	11,020	6,502	0.59	2.43
30	16	9,405	9,405	1.00	2.00	9,120	9,120	1.00	2.11	8,835	8,835	1.00	2.24
30	18	10,070	9,164	0.91	2.04	9,785	8,904	0.91	2.15	9,453	8,602	0.91	2.30
30	20	10,830	8,556	0.79	2.10	10,593	8,368	0.79	2.20	10,308	8,143	0.79	2.35
30	22	11,543	7,733	0.67	2.15	11,305	7,574	0.67	2.28	11,020	7,383	0.67	2.43
32	16	9,405	9,405	1.00	2.00	9,120	9,120	1.00	2.11	8,835	8,835	1.00	2.24
32	18	10,070	9,969	0.99	2.04	9,785	9,687	0.99	2.15	9,453	9,358	0.99	2.30
32	20	10,830	9,422	0.87	2.10	10,593	9,215	0.87	2.20	10,308	8,968	0.87	2.35
32	22	11,543	8,657	0.75	2.15	11,305	8,479	0.75	2.28	11,020	8,265	0.75	2.43
34	16	9,405	9,405	1.00	2.00	9,120	9,120	1.00	2.11	8,835	8,835	1.00	2.24
34	18	10,070	10,070	1.00	2.04	9,785	9,785	1.00	2.15	9,453	9,453	1.00	2.30
34	20	10,830	10,289	0.95	2.10	10,593	10,063	0.95	2.20	10,308	9,792	0.95	2.35
34	22	11,543	9,580	0.83	2.15	11,305	9,383	0.83	2.28	11,020	9,147	0.83	2.43

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,327	0.63	2.40	8,075	5,087	0.63	2.58	7,695	4,848	0.63	2.79
20	18	9,120	4,651	0.51	2.46	8,835	4,506	0.51	2.65	8,265	4,215	0.51	2.85
20	20	9,880	3,853	0.39	2.53	9,500	3,705	0.39	2.70	8,930	3,483	0.39	2.90
22	16	8,455	6,003	0.71	2.40	8,075	5,733	0.71	2.58	7,695	5,463	0.71	2.79
22	18	9,120	5,381	0.59	2.46	8,835	5,213	0.59	2.65	8,265	4,876	0.59	2.85
22	20	9,880	4,644	0.47	2.53	9,500	4,465	0.47	2.70	8,930	4,197	0.47	2.90
24	16	8,455	6,679	0.79	2.40	8,075	6,379	0.79	2.58	7,695	6,079	0.79	2.79
24	18	9,120	6,110	0.67	2.46	8,835	5,919	0.67	2.65	8,265	5,538	0.67	2.85
24	20	9,880	5,434	0.55	2.53	9,500	5,225	0.55	2.70	8,930	4,912	0.55	2.90
24	22	10,640	4,575	0.43	2.58	10,260	4,412	0.43	2.78	9,690	4,167	0.43	2.95
26	16	8,455	7,356	0.87	2.40	8,075	7,025	0.87	2.58	7,695	6,695	0.87	2.79
26	18	9,120	6,840	0.75	2.46	8,835	6,626	0.75	2.65	8,265	6,199	0.75	2.85
26	20	9,880	6,224	0.63	2.53	9,500	5,985	0.63	2.70	8,930	5,626	0.63	2.90
26	22	10,640	5,426	0.51	2.58	10,260	5,233	0.51	2.78	9,690	4,942	0.51	2.95
27	16	8,455	7,694	0.91	2.40	8,075	7,348	0.91	2.58	7,695	7,002	0.91	2.79
27	18	9,120	7,205	0.79	2.46	8,835	6,980	0.79	2.65	8,265	6,529	0.79	2.85
27	20	9,880	6,620	0.67	2.53	9,500	6,365	0.67	2.70	8,930	5,983	0.67	2.90
27	22	10,640	5,852	0.55	2.58	10,260	5,643	0.55	2.78	9,690	5,330	0.55	2.95
28	16	8,455	8,032	0.95	2.40	8,075	7,671	0.95	2.58	7,695	7,310	0.95	2.79
28	18	9,120	7,570	0.83	2.46	8,835	7,333	0.83	2.65	8,265	6,860	0.83	2.85
28	20	9,880	7,015	0.71	2.53	9,500	6,745	0.71	2.70	8,930	6,340	0.71	2.90
28	22	10,640	6,278	0.59	2.58	10,260	6,053	0.59	2.78	9,690	5,717	0.59	2.95
30	16	8,455	8,455	1.00	2.40	8,075	8,075	1.00	2.58	7,695	7,695	1.00	2.79
30	18	9,120	8,299	0.91	2.46	8,835	8,040	0.91	2.65	8,265	7,521	0.91	2.85
30	20	9,880	7,805	0.79	2.53	9,500	7,505	0.79	2.70	8,930	7,055	0.79	2.90
30	22	10,640	7,129	0.67	2.58	10,260	6,874	0.67	2.78	9,690	6,492	0.67	2.95
32	16	8,455	8,455	1.00	2.40	8,075	8,075	1.00	2.58	7,695	7,695	1.00	2.79
32	18	9,120	9,029	0.99	2.46	8,835	8,747	0.99	2.65	8,265	8,182	0.99	2.85
32	20	9,880	8,596	0.87	2.53	9,500	8,265	0.87	2.70	8,930	7,769	0.87	2.90
32	22	10,640	7,980	0.75	2.58	10,260	7,695	0.75	2.78	9,690	7,268	0.75	2.95
34	16	8,455	8,455	1.00	2.40	8,075	8,075	1.00	2.58	7,695	7,695	1.00	2.79
34	18	9,120	9,120	1.00	2.46	8,835	8,835	1.00	2.65	8,265	8,265	1.00	2.85
34	20	9,880	9,386	0.95	2.53	9,500	9,025	0.95	2.70	8,930	8,484	0.95	2.90
34	22	10,640	8,831	0.83	2.58	10,260	8,516	0.83	2.78	9,690	8,043	0.83	2.95

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP125KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,673	0.62	3.27	12,000	7,440	0.62	3.46	11,625	7,208	0.62	3.66
20	18	13,250	6,625	0.50	3.33	12,875	6,438	0.50	3.52	12,438	6,219	0.50	3.76
20	20	14,250	5,415	0.38	3.44	13,938	5,296	0.38	3.60	13,563	5,154	0.38	3.84
22	16	12,375	8,663	0.70	3.27	12,000	8,400	0.70	3.46	11,625	8,138	0.70	3.66
22	18	13,250	7,685	0.58	3.33	12,875	7,468	0.58	3.52	12,438	7,214	0.58	3.76
22	20	14,250	6,555	0.46	3.44	13,938	6,411	0.46	3.60	13,563	6,239	0.46	3.84
24	16	12,375	9,653	0.78	3.27	12,000	9,360	0.78	3.46	11,625	9,068	0.78	3.66
24	18	13,250	8,745	0.66	3.33	12,875	8,498	0.66	3.52	12,438	8,209	0.66	3.76
24	20	14,250	7,695	0.54	3.44	13,938	7,526	0.54	3.60	13,563	7,324	0.54	3.84
24	22	15,188	6,379	0.42	3.52	14,875	6,248	0.42	3.72	14,500	6,090	0.42	3.97
26	16	12,375	10,643	0.86	3.27	12,000	10,320	0.86	3.46	11,625	9,998	0.86	3.66
26	18	13,250	9,805	0.74	3.33	12,875	9,528	0.74	3.52	12,438	9,204	0.74	3.76
26	20	14,250	8,835	0.62	3.44	13,938	8,641	0.62	3.60	13,563	8,409	0.62	3.84
26	22	15,188	7,594	0.50	3.52	14,875	7,438	0.50	3.72	14,500	7,250	0.50	3.97
27	16	12,375	11,138	0.90	3.27	12,000	10,800	0.90	3.46	11,625	10,463	0.90	3.66
27	18	13,250	10,335	0.78	3.33	12,875	10,043	0.78	3.52	12,438	9,701	0.78	3.76
27	20	14,250	9,405	0.66	3.44	13,938	9,199	0.66	3.60	13,563	8,951	0.66	3.84
27	22	15,188	8,201	0.54	3.52	14,875	8,033	0.54	3.72	14,500	7,830	0.54	3.97
28	16	12,375	11,633	0.94	3.27	12,000	11,280	0.94	3.46	11,625	10,928	0.94	3.66
28	18	13,250	10,865	0.82	3.33	12,875	10,558	0.82	3.52	12,438	10,199	0.82	3.76
28	20	14,250	9,975	0.70	3.44	13,938	9,756	0.70	3.60	13,563	9,494	0.70	3.84
28	22	15,188	8,809	0.58	3.52	14,875	8,628	0.58	3.72	14,500	8,410	0.58	3.97
30	16	12,375	12,375	1.00	3.27	12,000	12,000	1.00	3.46	11,625	11,625	1.00	3.66
30	18	13,250	11,925	0.90	3.33	12,875	11,588	0.90	3.52	12,438	11,194	0.90	3.76
30	20	14,250	11,115	0.78	3.44	13,938	10,871	0.78	3.60	13,563	10,579	0.78	3.84
30	22	15,188	10,024	0.66	3.52	14,875	9,818	0.66	3.72	14,500	9,570	0.66	3.97
32	16	12,375	12,375	1.00	3.27	12,000	12,000	1.00	3.46	11,625	11,625	1.00	3.66
32	18	13,250	12,985	0.98	3.33	12,875	12,618	0.98	3.52	12,438	12,189	0.98	3.76
32	20	14,250	12,255	0.86	3.44	13,938	11,986	0.86	3.60	13,563	11,664	0.86	3.84
32	22	15,188	11,239	0.74	3.52	14,875	11,008	0.74	3.72	14,500	10,730	0.74	3.97
34	16	12,375	12,375	1.00	3.27	12,000	12,000	1.00	3.46	11,625	11,625	1.00	3.66
34	18	13,250	13,250	1.00	3.33	12,875	12,875	1.00	3.52	12,438	12,438	1.00	3.76
34	20	14,250	13,395	0.94	3.44	13,938	13,101	0.94	3.60	13,563	12,749	0.94	3.84
34	22	15,188	12,454	0.82	3.52	14,875	12,198	0.82	3.72	14,500	11,890	0.82	3.97

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,898	0.62	3.93	10,625	6,588	0.62	4.21	10,125	6,278	0.62	4.56
20	18	12,000	6,000	0.50	4.03	11,625	5,813	0.50	4.34	10,875	5,438	0.50	4.66
20	20	13,000	4,940	0.38	4.13	12,500	4,750	0.38	4.42	11,750	4,465	0.38	4.74
22	16	11,125	7,788	0.70	3.93	10,625	7,438	0.70	4.21	10,125	7,088	0.70	4.56
22	18	12,000	6,960	0.58	4.03	11,625	6,743	0.58	4.34	10,875	6,308	0.58	4.66
22	20	13,000	5,980	0.46	4.13	12,500	5,750	0.46	4.42	11,750	5,405	0.46	4.74
24	16	11,125	8,678	0.78	3.93	10,625	8,288	0.78	4.21	10,125	7,898	0.78	4.56
24	18	12,000	7,920	0.66	4.03	11,625	7,673	0.66	4.34	10,875	7,178	0.66	4.66
24	20	13,000	7,020	0.54	4.13	12,500	6,750	0.54	4.42	11,750	6,345	0.54	4.74
24	22	14,000	5,880	0.42	4.21	13,500	5,670	0.42	4.54	12,750	5,355	0.42	4.83
26	16	11,125	9,568	0.86	3.93	10,625	9,138	0.86	4.21	10,125	8,708	0.86	4.56
26	18	12,000	8,880	0.74	4.03	11,625	8,603	0.74	4.34	10,875	8,048	0.74	4.66
26	20	13,000	8,060	0.62	4.13	12,500	7,750	0.62	4.42	11,750	7,285	0.62	4.74
26	22	14,000	7,000	0.50	4.21	13,500	6,750	0.50	4.54	12,750	6,375	0.50	4.83
27	16	11,125	10,013	0.90	3.93	10,625	9,563	0.90	4.21	10,125	9,113	0.90	4.56
27	18	12,000	9,360	0.78	4.03	11,625	9,068	0.78	4.34	10,875	8,483	0.78	4.66
27	20	13,000	8,580	0.66	4.13	12,500	8,250	0.66	4.42	11,750	7,755	0.66	4.74
27	22	14,000	7,560	0.54	4.21	13,500	7,290	0.54	4.54	12,750	6,885	0.54	4.83
28	16	11,125	10,458	0.94	3.93	10,625	9,988	0.94	4.21	10,125	9,518	0.94	4.56
28	18	12,000	9,840	0.82	4.03	11,625	9,533	0.82	4.34	10,875	8,918	0.82	4.66
28	20	13,000	9,100	0.70	4.13	12,500	8,750	0.70	4.42	11,750	8,225	0.70	4.74
28	22	14,000	8,120	0.58	4.21	13,500	7,830	0.58	4.54	12,750	7,395	0.58	4.83
30	16	11,125	11,125	1.00	3.93	10,625	10,625	1.00	4.21	10,125	10,125	1.00	4.56
30	18	12,000	10,800	0.90	4.03	11,625	10,463	0.90	4.34	10,875	9,788	0.90	4.66
30	20	13,000	10,140	0.78	4.13	12,500	9,750	0.78	4.42	11,750	9,165	0.78	4.74
30	22	14,000	9,240	0.66	4.21	13,500	8,910	0.66	4.54	12,750	8,415	0.66	4.83
32	16	11,125	11,125	1.00	3.93	10,625	10,625	1.00	4.21	10,125	10,125	1.00	4.56
32	18	12,000	11,760	0.98	4.03	11,625	11,393	0.98	4.34	10,875	10,658	0.98	4.66
32	20	13,000	11,180	0.86	4.13	12,500	10,750	0.86	4.42	11,750	10,105	0.86	4.74
32	22	14,000	10,360	0.74	4.21	13,500	9,990	0.74	4.54	12,750	9,435	0.74	4.83
34	16	11,125	11,125	1.00	3.93	10,625	10,625	1.00	4.21	10,125	10,125	1.00	4.56
34	18	12,000	12,000	1.00	4.03	11,625	11,625	1.00	4.34	10,875	10,875	1.00	4.66
34	20	13,000	12,220	0.94	4.13	12,500	11,750	0.94	4.42	11,750	11,045	0.94	4.74
34	22	14,000	11,480	0.82	4.21	13,500	11,070	0.82	4.54	12,750	10,455	0.82	4.83

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

COOLING CAPACITY
PSA-RP140KA / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,092	0.61	3.25	12,864	7,847	0.61	3.43	12,462	7,602	0.61	3.63
20	18	14,204	6,960	0.49	3.31	13,802	6,763	0.49	3.49	13,333	6,533	0.49	3.74
20	20	15,276	5,652	0.37	3.41	14,941	5,528	0.37	3.57	14,539	5,379	0.37	3.82
22	16	13,266	9,154	0.69	3.25	12,864	8,876	0.69	3.43	12,462	8,599	0.69	3.63
22	18	14,204	8,096	0.57	3.31	13,802	7,867	0.57	3.49	13,333	7,600	0.57	3.74
22	20	15,276	6,874	0.45	3.41	14,941	6,723	0.45	3.57	14,539	6,543	0.45	3.82
24	16	13,266	10,215	0.77	3.25	12,864	9,905	0.77	3.43	12,462	9,596	0.77	3.63
24	18	14,204	9,233	0.65	3.31	13,802	8,971	0.65	3.49	13,333	8,666	0.65	3.74
24	20	15,276	8,096	0.53	3.41	14,941	7,919	0.53	3.57	14,539	7,706	0.53	3.82
24	22	16,281	6,675	0.41	3.49	15,946	6,538	0.41	3.69	15,544	6,373	0.41	3.94
26	16	13,266	11,276	0.85	3.25	12,864	10,934	0.85	3.43	12,462	10,593	0.85	3.63
26	18	14,204	10,369	0.73	3.31	13,802	10,075	0.73	3.49	13,333	9,733	0.73	3.74
26	20	15,276	9,318	0.61	3.41	14,941	9,114	0.61	3.57	14,539	8,869	0.61	3.82
26	22	16,281	7,978	0.49	3.49	15,946	7,814	0.49	3.69	15,544	7,617	0.49	3.94
27	16	13,266	11,807	0.89	3.25	12,864	11,449	0.89	3.43	12,462	11,091	0.89	3.63
27	18	14,204	10,937	0.77	3.31	13,802	10,628	0.77	3.49	13,333	10,266	0.77	3.74
27	20	15,276	9,929	0.65	3.41	14,941	9,712	0.65	3.57	14,539	9,450	0.65	3.82
27	22	16,281	8,629	0.53	3.49	15,946	8,451	0.53	3.69	15,544	8,238	0.53	3.94
28	16	13,266	12,337	0.93	3.25	12,864	11,964	0.93	3.43	12,462	11,590	0.93	3.63
28	18	14,204	11,505	0.81	3.31	13,802	11,180	0.81	3.49	13,333	10,800	0.81	3.74
28	20	15,276	10,540	0.69	3.41	14,941	10,309	0.69	3.57	14,539	10,032	0.69	3.82
28	22	16,281	9,280	0.57	3.49	15,946	9,089	0.57	3.69	15,544	8,860	0.57	3.94
30	16	13,266	13,266	1.00	3.25	12,864	12,864	1.00	3.43	12,462	12,462	1.00	3.63
30	18	14,204	12,642	0.89	3.31	13,802	12,284	0.89	3.49	13,333	11,866	0.89	3.74
30	20	15,276	11,763	0.77	3.41	14,941	11,505	0.77	3.57	14,539	11,195	0.77	3.82
30	22	16,281	10,583	0.65	3.49	15,946	10,365	0.65	3.69	15,544	10,104	0.65	3.94
32	16	13,266	13,266	1.00	3.25	12,864	12,864	1.00	3.43	12,462	12,462	1.00	3.63
32	18	14,204	13,778	0.97	3.31	13,802	13,388	0.97	3.49	13,333	12,933	0.97	3.74
32	20	15,276	12,985	0.85	3.41	14,941	12,700	0.85	3.57	14,539	12,358	0.85	3.82
32	22	16,281	11,885	0.73	3.49	15,946	11,641	0.73	3.69	15,544	11,347	0.73	3.94
34	16	13,266	13,266	1.00	3.25	12,864	12,864	1.00	3.43	12,462	12,462	1.00	3.63
34	18	14,204	14,204	1.00	3.31	13,802	13,802	1.00	3.49	13,333	13,333	1.00	3.74
34	20	15,276	14,207	0.93	3.41	14,941	13,895	0.93	3.57	14,539	13,521	0.93	3.82
34	22	16,281	13,188	0.81	3.49	15,946	12,916	0.81	3.69	15,544	12,591	0.81	3.94

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,275	0.61	3.90	11,390	6,948	0.61	4.18	10,854	6,621	0.61	4.53
20	18	12,864	6,303	0.49	4.00	12,462	6,106	0.49	4.30	11,658	5,712	0.49	4.63
20	20	13,936	5,156	0.37	4.10	13,400	4,958	0.37	4.38	12,596	4,661	0.37	4.71
22	16	11,926	8,229	0.69	3.90	11,390	7,859	0.69	4.18	10,854	7,489	0.69	4.53
22	18	12,864	7,332	0.57	4.00	12,462	7,103	0.57	4.30	11,658	6,645	0.57	4.63
22	20	13,936	6,271	0.45	4.10	13,400	6,030	0.45	4.38	12,596	5,668	0.45	4.71
24	16	11,926	9,183	0.77	3.90	11,390	8,770	0.77	4.18	10,854	8,358	0.77	4.53
24	18	12,864	8,362	0.65	4.00	12,462	8,100	0.65	4.30	11,658	7,578	0.65	4.63
24	20	13,936	7,386	0.53	4.10	13,400	7,102	0.53	4.38	12,596	6,676	0.53	4.71
24	22	15,008	6,153	0.41	4.18	14,472	5,934	0.41	4.51	13,668	5,604	0.41	4.79
26	16	11,926	10,137	0.85	3.90	11,390	9,682	0.85	4.18	10,854	9,226	0.85	4.53
26	18	12,864	9,391	0.73	4.00	12,462	9,097	0.73	4.30	11,658	8,510	0.73	4.63
26	20	13,936	8,501	0.61	4.10	13,400	8,174	0.61	4.38	12,596	7,684	0.61	4.71
26	22	15,008	7,354	0.49	4.18	14,472	7,091	0.49	4.51	13,668	6,697	0.49	4.79
27	16	11,926	10,614	0.89	3.90	11,390	10,137	0.89	4.18	10,854	9,660	0.89	4.53
27	18	12,864	9,905	0.77	4.00	12,462	9,596	0.77	4.30	11,658	8,977	0.77	4.63
27	20	13,936	9,058	0.65	4.10	13,400	8,710	0.65	4.38	12,596	8,187	0.65	4.71
27	22	15,008	7,954	0.53	4.18	14,472	7,670	0.53	4.51	13,668	7,244	0.53	4.79
28	16	11,926	11,091	0.93	3.90	11,390	10,593	0.93	4.18	10,854	10,094	0.93	4.53
28	18	12,864	10,420	0.81	4.00	12,462	10,094	0.81	4.30	11,658	9,443	0.81	4.63
28	20	13,936	9,616	0.69	4.10	13,400	9,246	0.69	4.38	12,596	8,691	0.69	4.71
28	22	15,008	8,555	0.57	4.18	14,472	8,249	0.57	4.51	13,668	7,791	0.57	4.79
30	16	11,926	11,926	1.00	3.90	11,390	11,390	1.00	4.18	10,854	10,854	1.00	4.53
30	18	12,864	11,449	0.89	4.00	12,462	11,091	0.89	4.30	11,658	10,376	0.89	4.63
30	20	13,936	10,731	0.77	4.10	13,400	10,318	0.77	4.38	12,596	9,699	0.77	4.71
30	22	15,008	9,755	0.65	4.18	14,472	9,407	0.65	4.51	13,668	8,884	0.65	4.79
32	16	11,926	11,926	1.00	3.90	11,390	11,390	1.00	4.18	10,854	10,854	1.00	4.53
32	18	12,864	12,478	0.97	4.00	12,462	12,088	0.97	4.30	11,658	11,308	0.97	4.63
32	20	13,936	11,846	0.85	4.10	13,400	11,390	0.85	4.38	12,596	10,707	0.85	4.71
32	22	15,008	10,956	0.73	4.18	14,472	10,565	0.73	4.51	13,668	9,978	0.73	4.79
34	16	11,926	11,926	1.00	3.90	11,390	11,390	1.00	4.18	10,854	10,854	1.00	4.53
34	18	12,864	12,864	1.00	4.00	12,462	12,462	1.00	4.30	11,658	11,658	1.00	4.63
34	20	13,936	12,960	0.93	4.10	13,400	12,462	0.93	4.38	12,596	11,714	0.93	4.71
34	22	15,008	12,156	0.81	4.18	14,472	11,722	0.81	4.51	13,668	11,071	0.81	4.79

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

PSA-RP71KA / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,569	0.65	1.72	6,816	4,430	0.65	1.82	6,603	4,292	0.65	1.92
20	18	7,526	3,989	0.53	1.75	7,313	3,876	0.53	1.85	7,065	3,744	0.53	1.98
20	20	8,094	3,319	0.41	1.81	7,917	3,246	0.41	1.89	7,704	3,158	0.41	2.02
22	16	7,029	5,131	0.73	1.72	6,816	4,976	0.73	1.82	6,603	4,820	0.73	1.92
22	18	7,526	4,591	0.61	1.75	7,313	4,461	0.61	1.85	7,065	4,309	0.61	1.98
22	20	8,094	3,966	0.49	1.81	7,917	3,879	0.49	1.89	7,704	3,775	0.49	2.02
24	16	7,029	5,693	0.81	1.72	6,816	5,521	0.81	1.82	6,603	5,348	0.81	1.92
24	18	7,526	5,193	0.69	1.75	7,313	5,046	0.69	1.85	7,065	4,875	0.69	1.98
24	20	8,094	4,614	0.57	1.81	7,917	4,512	0.57	1.89	7,704	4,391	0.57	2.02
24	22	8,627	3,882	0.45	1.85	8,449	3,802	0.45	1.96	8,236	3,706	0.45	2.09
26	16	7,029	6,256	0.89	1.72	6,816	6,066	0.89	1.82	6,603	5,877	0.89	1.92
26	18	7,526	5,795	0.77	1.75	7,313	5,631	0.77	1.85	7,065	5,440	0.77	1.98
26	20	8,094	5,261	0.65	1.81	7,917	5,146	0.65	1.89	7,704	5,007	0.65	2.02
26	22	8,627	4,572	0.53	1.85	8,449	4,478	0.53	1.96	8,236	4,365	0.53	2.09
27	16	7,029	6,537	0.93	1.72	6,816	6,339	0.93	1.82	6,603	6,141	0.93	1.92
27	18	7,526	6,096	0.81	1.75	7,313	5,924	0.81	1.85	7,065	5,722	0.81	1.98
27	20	8,094	5,585	0.69	1.81	7,917	5,462	0.69	1.89	7,704	5,315	0.69	2.02
27	22	8,627	4,917	0.57	1.85	8,449	4,816	0.57	1.96	8,236	4,695	0.57	2.09
28	16	7,029	6,818	0.97	1.72	6,816	6,612	0.97	1.82	6,603	6,405	0.97	1.92
28	18	7,526	6,397	0.85	1.75	7,313	6,216	0.85	1.85	7,065	6,005	0.85	1.98
28	20	8,094	5,909	0.73	1.81	7,917	5,779	0.73	1.89	7,704	5,624	0.73	2.02
28	22	8,627	5,262	0.61	1.85	8,449	5,154	0.61	1.96	8,236	5,024	0.61	2.09
30	16	7,029	7,029	1.00	1.72	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.92
30	18	7,526	6,999	0.93	1.75	7,313	6,801	0.93	1.85	7,065	6,570	0.93	1.98
30	20	8,094	6,556	0.81	1.81	7,917	6,412	0.81	1.89	7,704	6,240	0.81	2.02
30	22	8,627	5,952	0.69	1.85	8,449	5,830	0.69	1.96	8,236	5,683	0.69	2.09
32	16	7,029	7,029	1.00	1.72	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.92
32	18	7,526	7,526	1.00	1.75	7,313	7,313	1.00	1.85	7,065	7,065	1.00	1.98
32	20	8,094	7,204	0.89	1.81	7,917	7,046	0.89	1.89	7,704	6,856	0.89	2.02
32	22	8,627	6,642	0.77	1.85	8,449	6,506	0.77	1.96	8,236	6,342	0.77	2.09
34	16	7,029	7,029	1.00	1.72	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.92
34	18	7,526	7,526	1.00	1.75	7,313	7,313	1.00	1.85	7,065	7,065	1.00	1.98
34	20	8,094	7,851	0.97	1.81	7,917	7,679	0.97	1.89	7,704	7,472	0.97	2.02
34	22	8,627	7,333	0.85	1.85	8,449	7,182	0.85	1.96	8,236	7,001	0.85	2.09

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,107	0.65	2.06	6,035	3,923	0.65	2.21	5,751	3,738	0.65	2.40
20	18	6,816	3,612	0.53	2.12	6,603	3,500	0.53	2.28	6,177	3,274	0.53	2.45
20	20	7,384	3,027	0.41	2.17	7,100	2,911	0.41	2.32	6,674	2,736	0.41	2.49
22	16	6,319	4,613	0.73	2.06	6,035	4,406	0.73	2.21	5,751	4,198	0.73	2.40
22	18	6,816	4,158	0.61	2.12	6,603	4,028	0.61	2.28	6,177	3,768	0.61	2.45
22	20	7,384	3,618	0.49	2.17	7,100	3,479	0.49	2.32	6,674	3,270	0.49	2.49
24	16	6,319	5,118	0.81	2.06	6,035	4,888	0.81	2.21	5,751	4,658	0.81	2.40
24	18	6,816	4,703	0.69	2.12	6,603	4,556	0.69	2.28	6,177	4,262	0.69	2.45
24	20	7,384	4,209	0.57	2.17	7,100	4,047	0.57	2.32	6,674	3,804	0.57	2.49
24	22	7,952	3,578	0.45	2.21	7,668	3,451	0.45	2.39	7,242	3,259	0.45	2.54
26	16	6,319	5,624	0.89	2.06	6,035	5,371	0.89	2.21	5,751	5,118	0.89	2.40
26	18	6,816	5,248	0.77	2.12	6,603	5,084	0.77	2.28	6,177	4,756	0.77	2.45
26	20	7,384	4,800	0.65	2.17	7,100	4,615	0.65	2.32	6,674	4,338	0.65	2.49
26	22	7,952	4,215	0.53	2.21	7,668	4,064	0.53	2.39	7,242	3,838	0.53	2.54
27	16	6,319	5,877	0.93	2.06	6,035	5,613	0.93	2.21	5,751	5,348	0.93	2.40
27	18	6,816	5,521	0.81	2.12	6,603	5,348	0.81	2.28	6,177	5,003	0.81	2.45
27	20	7,384	5,095	0.69	2.17	7,100	4,899	0.69	2.32	6,674	4,605	0.69	2.49
27	22	7,952	4,533	0.57	2.21	7,668	4,371	0.57	2.39	7,242	4,128	0.57	2.54
28	16	6,319	6,129	0.97	2.06	6,035	5,854	0.97	2.21	5,751	5,578	0.97	2.40
28	18	6,816	5,794	0.85	2.12	6,603	5,613	0.85	2.28	6,177	5,250	0.85	2.45
28	20	7,384	5,390	0.73	2.17	7,100	5,183	0.73	2.32	6,674	4,872	0.73	2.49
28	22	7,952	4,851	0.61	2.21	7,668	4,677	0.61	2.39	7,242	4,418	0.61	2.54
30	16	6,319	6,319	1.00	2.06	6,035	6,035	1.00	2.21	5,751	5,751	1.00	2.40
30	18	6,816	6,339	0.93	2.12	6,603	6,141	0.93	2.28	6,177	5,745	0.93	2.45
30	20	7,384	5,981	0.81	2.17	7,100	5,751	0.81	2.32	6,674	5,406	0.81	2.49
30	22	7,952	5,487	0.69	2.21	7,668	5,291	0.69	2.39	7,242	4,997	0.69	2.54
32	16	6,319	6,319	1.00	2.06	6,035	6,035	1.00	2.21	5,751	5,751	1.00	2.40
32	18	6,816	6,816	1.00	2.12	6,603	6,603	1.00	2.28	6,177	6,177	1.00	2.45
32	20	7,384	6,572	0.89	2.17	7,100	6,319	0.89	2.32	6,674	5,940	0.89	2.49
32	22	7,952	6,123	0.77	2.21	7,668	5,904	0.77	2.39	7,242	5,576	0.77	2.54
34	16	6,319	6,319	1.00	2.06	6,035	6,035	1.00	2.21	5,751	5,751	1.00	2.40
34	18	6,816	6,816	1.00	2.12	6,603	6,603	1.00	2.28	6,177	6,177	1.00	2.45
34	20	7,384	7,162	0.97	2.17	7,100	6,887	0.97	2.32	6,674	6,474	0.97	2.49
34	22	7,952	6,759	0.85	2.21	7,668	6,518	0.85	2.39	7,242	6,156	0.85	2.54

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP100KA / PUHZ-P100VKA PUHZ-P100YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	5,863	0.63	2.50	9,024	5,685	0.63	2.64	8,742	5,507	0.63	2.79
20	18	9,964	5,082	0.51	2.54	9,682	4,938	0.51	2.68	9,353	4,770	0.51	2.87
20	20	10,716	4,179	0.39	2.62	10,481	4,088	0.39	2.75	10,199	3,978	0.39	2.93
22	16	9,306	6,607	0.71	2.50	9,024	6,407	0.71	2.64	8,742	6,207	0.71	2.79
22	18	9,964	5,879	0.59	2.54	9,682	5,712	0.59	2.68	9,353	5,518	0.59	2.87
22	20	10,716	5,037	0.47	2.62	10,481	4,926	0.47	2.75	10,199	4,794	0.47	2.93
24	16	9,306	7,352	0.79	2.50	9,024	7,129	0.79	2.64	8,742	6,906	0.79	2.79
24	18	9,964	6,676	0.67	2.54	9,682	6,487	0.67	2.68	9,353	6,267	0.67	2.87
24	20	10,716	5,894	0.55	2.62	10,481	5,765	0.55	2.75	10,199	5,609	0.55	2.93
24	22	11,421	4,911	0.43	2.68	11,186	4,810	0.43	2.84	10,904	4,689	0.43	3.03
26	16	9,306	8,096	0.87	2.50	9,024	7,851	0.87	2.64	8,742	7,606	0.87	2.79
26	18	9,964	7,473	0.75	2.54	9,682	7,262	0.75	2.68	9,353	7,015	0.75	2.87
26	20	10,716	6,751	0.63	2.62	10,481	6,603	0.63	2.75	10,199	6,425	0.63	2.93
26	22	11,421	5,825	0.51	2.68	11,186	5,705	0.51	2.84	10,904	5,561	0.51	3.03
27	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.79
27	18	9,964	7,872	0.79	2.54	9,682	7,649	0.79	2.68	9,353	7,389	0.79	2.87
27	20	10,716	7,180	0.67	2.62	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.93
27	22	11,421	6,282	0.55	2.68	11,186	6,152	0.55	2.84	10,904	5,997	0.55	3.03
28	16	9,306	8,841	0.95	2.50	9,024	8,573	0.95	2.64	8,742	8,305	0.95	2.79
28	18	9,964	8,270	0.83	2.54	9,682	8,036	0.83	2.68	9,353	7,763	0.83	2.87
28	20	10,716	7,608	0.71	2.62	10,481	7,442	0.71	2.75	10,199	7,241	0.71	2.93
28	22	11,421	6,738	0.59	2.68	11,186	6,600	0.59	2.84	10,904	6,433	0.59	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,067	0.91	2.54	9,682	8,811	0.91	2.68	9,353	8,511	0.91	2.87
30	20	10,716	8,466	0.79	2.62	10,481	8,280	0.79	2.75	10,199	8,057	0.79	2.93
30	22	11,421	7,652	0.67	2.68	11,186	7,495	0.67	2.84	10,904	7,306	0.67	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,864	0.99	2.54	9,682	9,585	0.99	2.68	9,353	9,259	0.99	2.87
32	20	10,716	9,323	0.87	2.62	10,481	9,118	0.87	2.75	10,199	8,873	0.87	2.93
32	22	11,421	8,566	0.75	2.68	11,186	8,390	0.75	2.84	10,904	8,178	0.75	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,180	0.95	2.62	10,481	9,957	0.95	2.75	10,199	9,689	0.95	2.93
34	22	11,421	9,479	0.83	2.68	11,186	9,284	0.83	2.84	10,904	9,050	0.83	3.03

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,271	0.63	3.00	7,990	5,034	0.63	3.21	7,614	4,797	0.63	3.48
20	18	9,024	4,602	0.51	3.07	8,742	4,458	0.51	3.31	8,178	4,171	0.51	3.56
20	20	9,776	3,813	0.39	3.15	9,400	3,666	0.39	3.37	8,836	3,446	0.39	3.62
22	16	8,366	5,940	0.71	3.00	7,990	5,673	0.71	3.21	7,614	5,406	0.71	3.48
22	18	9,024	5,324	0.59	3.07	8,742	5,158	0.59	3.31	8,178	4,825	0.59	3.56
22	20	9,776	4,595	0.47	3.15	9,400	4,418	0.47	3.37	8,836	4,153	0.47	3.62
24	16	8,366	6,609	0.79	3.00	7,990	6,312	0.79	3.21	7,614	6,015	0.79	3.48
24	18	9,024	6,046	0.67	3.07	8,742	5,857	0.67	3.31	8,178	5,479	0.67	3.56
24	20	9,776	5,377	0.55	3.15	9,400	5,170	0.55	3.37	8,836	4,860	0.55	3.62
24	22	10,528	4,527	0.43	3.21	10,152	4,365	0.43	3.46	9,588	4,123	0.43	3.68
26	16	8,366	7,278	0.87	3.00	7,990	6,951	0.87	3.21	7,614	6,624	0.87	3.48
26	18	9,024	6,768	0.75	3.07	8,742	6,557	0.75	3.31	8,178	6,134	0.75	3.56
26	20	9,776	6,159	0.63	3.15	9,400	5,922	0.63	3.37	8,836	5,567	0.63	3.62
26	22	10,528	5,369	0.51	3.21	10,152	5,178	0.51	3.46	9,588	4,890	0.51	3.68
27	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.21	7,614	6,929	0.91	3.48
27	18	9,024	7,129	0.79	3.07	8,742	6,906	0.79	3.31	8,178	6,461	0.79	3.56
27	20	9,776	6,550	0.67	3.15	9,400	6,298	0.67	3.37	8,836	5,920	0.67	3.62
27	22	10,528	5,790	0.55	3.21	10,152	5,584	0.55	3.46	9,588	5,273	0.55	3.68
28	16	8,366	7,948	0.95	3.00	7,990	7,591	0.95	3.21	7,614	7,233	0.95	3.48
28	18	9,024	7,490	0.83	3.07	8,742	7,256	0.83	3.31	8,178	6,788	0.83	3.56
28	20	9,776	6,941	0.71	3.15	9,400	6,674	0.71	3.37	8,836	6,274	0.71	3.62
28	22	10,528	6,212	0.59	3.21	10,152	5,990	0.59	3.46	9,588	5,657	0.59	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	8,212	0.91	3.07	8,742	7,955	0.91	3.31	8,178	7,442	0.91	3.56
30	20	9,776	7,723	0.79	3.15	9,400	7,426	0.79	3.37	8,836	6,980	0.79	3.62
30	22	10,528	7,054	0.67	3.21	10,152	6,802	0.67	3.46	9,588	6,424	0.67	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	8,934	0.99	3.07	8,742	8,655	0.99	3.31	8,178	8,096	0.99	3.56
32	20	9,776	8,505	0.87	3.15	9,400	8,178	0.87	3.37	8,836	7,687	0.87	3.62
32	22	10,528	7,896	0.75	3.21	10,152	7,614	0.75	3.46	9,588	7,191	0.75	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,287	0.95	3.15	9,400	8,930	0.95	3.37	8,836	8,394	0.95	3.62
34	22	10,528	8,738	0.83	3.21	10,152	8,426	0.83	3.46	9,588	7,958	0.83	3.68

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP125KA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	7,427	0.62	4.02	11,616	7,202	0.62	4.24	11,253	6,977	0.62	4.49
20	18	12,826	6,413	0.50	4.09	12,463	6,232	0.50	4.32	12,040	6,020	0.50	4.62
20	20	13,794	5,242	0.38	4.22	13,492	5,127	0.38	4.42	13,129	4,989	0.38	4.72
22	16	11,979	8,385	0.70	4.02	11,616	8,131	0.70	4.24	11,253	7,877	0.70	4.49
22	18	12,826	7,439	0.58	4.09	12,463	7,229	0.58	4.32	12,040	6,983	0.58	4.62
22	20	13,794	6,345	0.46	4.22	13,492	6,206	0.46	4.42	13,129	6,039	0.46	4.72
24	16	11,979	9,344	0.78	4.02	11,616	9,060	0.78	4.24	11,253	8,777	0.78	4.49
24	18	12,826	8,465	0.66	4.09	12,463	8,226	0.66	4.32	12,040	7,946	0.66	4.62
24	20	13,794	7,449	0.54	4.22	13,492	7,285	0.54	4.42	13,129	7,089	0.54	4.72
24	22	14,702	6,175	0.42	4.32	14,399	6,048	0.42	4.57	14,036	5,895	0.42	4.87
26	16	11,979	10,302	0.86	4.02	11,616	9,990	0.86	4.24	11,253	9,678	0.86	4.49
26	18	12,826	9,491	0.74	4.09	12,463	9,223	0.74	4.32	12,040	8,909	0.74	4.62
26	20	13,794	8,552	0.62	4.22	13,492	8,365	0.62	4.42	13,129	8,140	0.62	4.72
26	22	14,702	7,351	0.50	4.32	14,399	7,200	0.50	4.57	14,036	7,018	0.50	4.87
27	16	11,979	10,781	0.90	4.02	11,616	10,454	0.90	4.24	11,253	10,128	0.90	4.49
27	18	12,826	10,004	0.78	4.09	12,463	9,721	0.78	4.32	12,040	9,391	0.78	4.62
27	20	13,794	9,104	0.66	4.22	13,492	8,904	0.66	4.42	13,129	8,665	0.66	4.72
27	22	14,702	7,939	0.54	4.32	14,399	7,775	0.54	4.57	14,036	7,579	0.54	4.87
28	16	11,979	11,260	0.94	4.02	11,616	10,919	0.94	4.24	11,253	10,578	0.94	4.49
28	18	12,826	10,517	0.82	4.09	12,463	10,220	0.82	4.32	12,040	9,872	0.82	4.62
28	20	13,794	9,656	0.70	4.22	13,492	9,444	0.70	4.42	13,129	9,190	0.70	4.72
28	22	14,702	8,527	0.58	4.32	14,399	8,351	0.58	4.57	14,036	8,141	0.58	4.87
30	16	11,979	11,979	1.00	4.02	11,616	11,616	1.00	4.24	11,253	11,253	1.00	4.49
30	18	12,826	11,543	0.90	4.09	12,463	11,217	0.90	4.32	12,040	10,836	0.90	4.62
30	20	13,794	10,759	0.78	4.22	13,492	10,523	0.78	4.42	13,129	10,240	0.78	4.72
30	22	14,702	9,703	0.66	4.32	14,399	9,503	0.66	4.57	14,036	9,264	0.66	4.87
32	16	11,979	11,979	1.00	4.02	11,616	11,616	1.00	4.24	11,253	11,253	1.00	4.49
32	18	12,826	12,569	0.98	4.09	12,463	12,214	0.98	4.32	12,040	11,799	0.98	4.62
32	20	13,794	11,863	0.86	4.22	13,492	11,603	0.86	4.42	13,129	11,291	0.86	4.72
32	22	14,702	10,879	0.74	4.32	14,399	10,655	0.74	4.57	14,036	10,387	0.74	4.87
34	16	11,979	11,979	1.00	4.02	11,616	11,616	1.00	4.24	11,253	11,253	1.00	4.49
34	18	12,826	12,826	1.00	4.09	12,463	12,463	1.00	4.32	12,040	12,040	1.00	4.62
34	20	13,794	12,966	0.94	4.22	13,492	12,682	0.94	4.42	13,129	12,341	0.94	4.72
34	22	14,702	12,055	0.82	4.32	14,399	11,807	0.82	4.57	14,036	11,510	0.82	4.87

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	6,677	0.62	4.82	10,285	6,377	0.62	5.17	9,801	6,077	0.62	5.60
20	18	11,616	5,808	0.50	4.94	11,253	5,627	0.50	5.32	10,527	5,264	0.50	5.72
20	20	12,584	4,782	0.38	5.07	12,100	4,598	0.38	5.42	11,374	4,322	0.38	5.82
22	16	10,769	7,538	0.70	4.82	10,285	7,200	0.70	5.17	9,801	6,861	0.70	5.60
22	18	11,616	6,737	0.58	4.94	11,253	6,527	0.58	5.32	10,527	6,106	0.58	5.72
22	20	12,584	5,789	0.46	5.07	12,100	5,566	0.46	5.42	11,374	5,232	0.46	5.82
24	16	10,769	8,400	0.78	4.82	10,285	8,022	0.78	5.17	9,801	7,645	0.78	5.60
24	18	11,616	7,667	0.66	4.94	11,253	7,427	0.66	5.32	10,527	6,948	0.66	5.72
24	20	12,584	6,795	0.54	5.07	12,100	6,534	0.54	5.42	11,374	6,142	0.54	5.82
24	22	13,552	5,692	0.42	5.17	13,068	5,489	0.42	5.57	12,342	5,184	0.42	5.92
26	16	10,769	9,261	0.86	4.82	10,285	8,845	0.86	5.17	9,801	8,429	0.86	5.60
26	18	11,616	8,596	0.74	4.94	11,253	8,327	0.74	5.32	10,527	7,790	0.74	5.72
26	20	12,584	7,802	0.62	5.07	12,100	7,502	0.62	5.42	11,374	7,052	0.62	5.82
26	22	13,552	6,776	0.50	5.17	13,068	6,534	0.50	5.57	12,342	6,171	0.50	5.92
27	16	10,769	9,692	0.90	4.82	10,285	9,257	0.90	5.17	9,801	8,821	0.90	5.60
27	18	11,616	9,060	0.78	4.94	11,253	8,777	0.78	5.32	10,527	8,211	0.78	5.72
27	20	12,584	8,305	0.66	5.07	12,100	7,986	0.66	5.42	11,374	7,507	0.66	5.82
27	22	13,552	7,318	0.54	5.17	13,068	7,057	0.54	5.57	12,342	6,665	0.54	5.92
28	16	10,769	10,123	0.94	4.82	10,285	9,668	0.94	5.17	9,801	9,213	0.94	5.60
28	18	11,616	9,525	0.82	4.94	11,253	9,227	0.82	5.32	10,527	8,632	0.82	5.72
28	20	12,584	8,809	0.70	5.07	12,100	8,470	0.70	5.42	11,374	7,962	0.70	5.82
28	22	13,552	7,860	0.58	5.17	13,068	7,579	0.58	5.57	12,342	7,158	0.58	5.92
30	16	10,769	10,769	1.00	4.82	10,285	10,285	1.00	5.17	9,801	9,801	1.00	5.60
30	18	11,616	10,454	0.90	4.94	11,253	10,128	0.90	5.32	10,527	9,474	0.90	5.72
30	20	12,584	9,816	0.78	5.07	12,100	9,438	0.78	5.42	11,374	8,872	0.78	5.82
30	22	13,552	8,944	0.66	5.17	13,068	8,625	0.66	5.57	12,342	8,146	0.66	5.92
32	16	10,769	10,769	1.00	4.82	10,285	10,285	1.00	5.17	9,801	9,801	1.00	5.60
32	18	11,616	11,384	0.98	4.94	11,253	11,028	0.98	5.32	10,527	10,316	0.98	5.72
32	20	12,584	10,822	0.86	5.07	12,100	10,406	0.86	5.42	11,374	9,782	0.86	5.82
32	22	13,552	10,028	0.74	5.17	13,068	9,670	0.74	5.57	12,342	9,133	0.74	5.92
34	16	10,769	10,769	1.00	4.82	10,285	10,285	1.00	5.17	9,801	9,801	1.00	5.60
34	18	11,616	11,616	1.00	4.94	11,253	11,253	1.00	5.32	10,527	10,527	1.00	5.72
34	20	12,584	11,829	0.94	5.07	12,100	11,374	0.94	5.42	11,374	10,692	0.94	5.82
34	22	13,552	11,113	0.82	5.17	13,068	10,716	0.82	5.57	12,342	10,120	0.82	5.92

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

COOLING CAPACITY
PSA-RP140KA / PUHZ-P140VKA PUHZ-P140YKA

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,213	0.61	5.10	13,056	7,964	0.61	5.39	12,648	7,715	0.61	5.71
20	18	14,416	7,064	0.49	5.20	14,008	6,864	0.49	5.49	13,532	6,631	0.49	5.87
20	20	15,504	5,736	0.37	5.36	15,164	5,611	0.37	5.61	14,756	5,460	0.37	6.00
22	16	13,464	9,290	0.69	5.10	13,056	9,009	0.69	5.39	12,648	8,727	0.69	5.71
22	18	14,416	8,217	0.57	5.20	14,008	7,985	0.57	5.49	13,532	7,713	0.57	5.87
22	20	15,504	6,977	0.45	5.36	15,164	6,824	0.45	5.61	14,756	6,640	0.45	6.00
24	16	13,464	10,367	0.77	5.10	13,056	10,053	0.77	5.39	12,648	9,739	0.77	5.71
24	18	14,416	9,370	0.65	5.20	14,008	9,105	0.65	5.49	13,532	8,796	0.65	5.87
24	20	15,504	8,217	0.53	5.36	15,164	8,037	0.53	5.61	14,756	7,821	0.53	6.00
24	22	16,524	6,775	0.41	5.49	16,184	6,635	0.41	5.81	15,776	6,468	0.41	6.19
26	16	13,464	11,444	0.85	5.10	13,056	11,098	0.85	5.39	12,648	10,751	0.85	5.71
26	18	14,416	10,524	0.73	5.20	14,008	10,226	0.73	5.49	13,532	9,878	0.73	5.87
26	20	15,504	9,457	0.61	5.36	15,164	9,250	0.61	5.61	14,756	9,001	0.61	6.00
26	22	16,524	8,097	0.49	5.49	16,184	7,930	0.49	5.81	15,776	7,730	0.49	6.19
27	16	13,464	11,983	0.89	5.10	13,056	11,620	0.89	5.39	12,648	11,257	0.89	5.71
27	18	14,416	11,100	0.77	5.20	14,008	10,786	0.77	5.49	13,532	10,420	0.77	5.87
27	20	15,504	10,078	0.65	5.36	15,164	9,857	0.65	5.61	14,756	9,591	0.65	6.00
27	22	16,524	8,758	0.53	5.49	16,184	8,578	0.53	5.81	15,776	8,361	0.53	6.19
28	16	13,464	12,522	0.93	5.10	13,056	12,142	0.93	5.39	12,648	11,763	0.93	5.71
28	18	14,416	11,677	0.81	5.20	14,008	11,346	0.81	5.49	13,532	10,961	0.81	5.87
28	20	15,504	10,698	0.69	5.36	15,164	10,463	0.69	5.61	14,756	10,182	0.69	6.00
28	22	16,524	9,419	0.57	5.49	16,184	9,225	0.57	5.81	15,776	8,992	0.57	6.19
30	16	13,464	13,464	1.00	5.10	13,056	13,056	1.00	5.39	12,648	12,648	1.00	5.71
30	18	14,416	12,830	0.89	5.20	14,008	12,467	0.89	5.49	13,532	12,043	0.89	5.87
30	20	15,504	11,938	0.77	5.36	15,164	11,676	0.77	5.61	14,756	11,362	0.77	6.00
30	22	16,524	10,741	0.65	5.49	16,184	10,520	0.65	5.81	15,776	10,254	0.65	6.19
32	16	13,464	13,464	1.00	5.10	13,056	13,056	1.00	5.39	12,648	12,648	1.00	5.71
32	18	14,416	13,984	0.97	5.20	14,008	13,588	0.97	5.49	13,532	13,126	0.97	5.87
32	20	15,504	13,178	0.85	5.36	15,164	12,889	0.85	5.61	14,756	12,543	0.85	6.00
32	22	16,524	12,063	0.73	5.49	16,184	11,814	0.73	5.81	15,776	11,516	0.73	6.19
34	16	13,464	13,464	1.00	5.10	13,056	13,056	1.00	5.39	12,648	12,648	1.00	5.71
34	18	14,416	14,416	1.00	5.20	14,008	14,008	1.00	5.49	13,532	13,532	1.00	5.87
34	20	15,504	14,419	0.93	5.36	15,164	14,103	0.93	5.61	14,756	13,723	0.93	6.00
34	22	16,524	13,384	0.81	5.49	16,184	13,109	0.81	5.81	15,776	12,779	0.81	6.19

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,383	0.61	6.12	11,560	7,052	0.61	6.57	11,016	6,720	0.61	7.11
20	18	13,056	6,397	0.49	6.28	12,648	6,198	0.49	6.76	11,832	5,798	0.49	7.27
20	20	14,144	5,233	0.37	6.44	13,600	5,032	0.37	6.89	12,784	4,730	0.37	7.40
22	16	12,104	8,352	0.69	6.12	11,560	7,976	0.69	6.57	11,016	7,601	0.69	7.11
22	18	13,056	7,442	0.57	6.28	12,648	7,209	0.57	6.76	11,832	6,744	0.57	7.27
22	20	14,144	6,365	0.45	6.44	13,600	6,120	0.45	6.89	12,784	5,753	0.45	7.40
24	16	12,104	9,320	0.77	6.12	11,560	8,901	0.77	6.57	11,016	8,482	0.77	7.11
24	18	13,056	8,486	0.65	6.28	12,648	8,221	0.65	6.76	11,832	7,691	0.65	7.27
24	20	14,144	7,496	0.53	6.44	13,600	7,208	0.53	6.89	12,784	6,776	0.53	7.40
24	22	15,232	6,245	0.41	6.57	14,688	6,022	0.41	7.08	13,872	5,688	0.41	7.53
26	16	12,104	10,288	0.85	6.12	11,560	9,826	0.85	6.57	11,016	9,364	0.85	7.11
26	18	13,056	9,531	0.73	6.28	12,648	9,233	0.73	6.76	11,832	8,637	0.73	7.27
26	20	14,144	8,628	0.61	6.44	13,600	8,296	0.61	6.89	12,784	7,798	0.61	7.40
26	22	15,232	7,464	0.49	6.57	14,688	7,197	0.49	7.08	13,872	6,797	0.49	7.53
27	16	12,104	10,773	0.89	6.12	11,560	10,288	0.89	6.57	11,016	9,804	0.89	7.11
27	18	13,056	10,053	0.77	6.28	12,648	9,739	0.77	6.76	11,832	9,111	0.77	7.27
27	20	14,144	9,194	0.65	6.44	13,600	8,840	0.65	6.89	12,784	8,310	0.65	7.40
27	22	15,232	8,073	0.53	6.57	14,688	7,785	0.53	7.08	13,872	7,352	0.53	7.53
28	16	12,104	11,257	0.93	6.12	11,560	10,751	0.93	6.57	11,016	10,245	0.93	7.11
28	18	13,056	10,575	0.81	6.28	12,648	10,245	0.81	6.76	11,832	9,584	0.81	7.27
28	20	14,144	9,759	0.69	6.44	13,600	9,384	0.69	6.89	12,784	8,821	0.69	7.40
28	22	15,232	8,682	0.57	6.57	14,688	8,372	0.57	7.08	13,872	7,907	0.57	7.53
30	16	12,104	12,104	1.00	6.12	11,560	11,560	1.00	6.57	11,016	11,016	1.00	7.11
30	18	13,056	11,620	0.89	6.28	12,648	11,257	0.89	6.76	11,832	10,530	0.89	7.27
30	20	14,144	10,891	0.77	6.44	13,600	10,472	0.77	6.89	12,784	9,844	0.77	7.40
30	22	15,232	9,901	0.65	6.57	14,688	9,547	0.65	7.08	13,872	9,017	0.65	7.53
32	16	12,104	12,104	1.00	6.12	11,560	11,560	1.00	6.57	11,016	11,016	1.00	7.11
32	18	13,056	12,664	0.97	6.28	12,648	12,269	0.97	6.76	11,832	11,477	0.97	7.27
32	20	14,144	12,022	0.85	6.44	13,600	11,560	0.85	6.89	12,784	10,866	0.85	7.40
32	22	15,232	11,119	0.73	6.57	14,688	10,722	0.73	7.08	13,872	10,127	0.73	7.53
34	16	12,104	12,104	1.00	6.12	11,560	11,560	1.00	6.57	11,016	11,016	1.00	7.11
34	18	13,056	13,056	1.00	6.28	12,648	12,648	1.00	6.76	11,832	11,832	1.00	7.27
34	20	14,144	13,154	0.93	6.44	13,600	12,648	0.93	6.89	12,784	11,889	0.93	7.40
34	22	15,232	12,338	0.81	6.57	14,688	11,897	0.81	7.08	13,872	11,236	0.81	7.53

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

HEATING CAPACITY
PSA-RP·KA/ PUHZ-ZRP·HA2 PUHZ-ZRP·KA3

	Indoor intake air DB°C	Outdoor intake air W.B.°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PSA-RP71KA	15	4,826	1.30	5,244	1.44	5,852	1.66	7,676	1.99	8,664	2.21	9,652	2.39
	20	4,636	1.41	5,016	1.55	5,548	1.79	7,410	2.14	8,360	2.39	9,310	2.56
	25	4,484	1.50	4,864	1.68	5,320	1.94	6,992	2.28	8,056	2.55	8,968	2.75
PSA-RP100KA	15	7,112	1.82	7,728	2.00	8,624	2.31	11,312	2.77	12,768	3.08	14,224	3.33
	20	6,832	1.97	7,392	2.16	8,176	2.49	10,920	2.99	12,320	3.33	13,720	3.57
	25	6,608	2.09	7,168	2.34	7,840	2.71	10,304	3.17	11,872	3.56	13,216	3.83
PSA-RP125KA	15	8,890	2.50	9,660	2.76	10,780	3.18	14,140	3.82	15,960	4.24	17,780	4.58
	20	8,540	2.71	9,240	2.97	10,220	3.43	13,650	4.11	15,400	4.58	17,150	4.92
	25	8,260	2.88	8,960	3.22	9,800	3.73	12,880	4.37	14,840	4.90	16,520	5.28
PSA-RP140KA	15	10,160	2.83	11,040	3.11	12,320	3.59	16,160	4.31	18,240	4.79	20,320	5.17
	20	9,760	3.07	10,560	3.35	11,680	3.88	15,600	4.65	17,600	5.17	19,600	5.56
	25	9,440	3.26	10,240	3.64	11,200	4.22	14,720	4.93	16,960	5.53	18,880	5.96

Note: CA : Capacity (W) P.C. : Total power input (kW)

FLOOR-STANDING PERFORMANCE DATA

HEATING CAPACITY
PSA-RP·KA/ PUHZ-FRP·HA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PSA-RP71KA	15	5,080	1.43	5,520	1.57	6,160	1.82	8,080	2.18	9,120	2.42	10,160	2.61
	20	4,880	1.55	5,280	1.69	5,840	1.96	7,800	2.35	8,800	2.61	9,800	2.81
	25	4,720	1.65	5,120	1.84	5,600	2.13	7,360	2.49	8,480	2.80	9,440	3.01

Note: CA : Capacity (W) P.C. : Total power input (kW)

PSA-RP·KA / PUHZ-P·VKA PUHZ-P·YKA

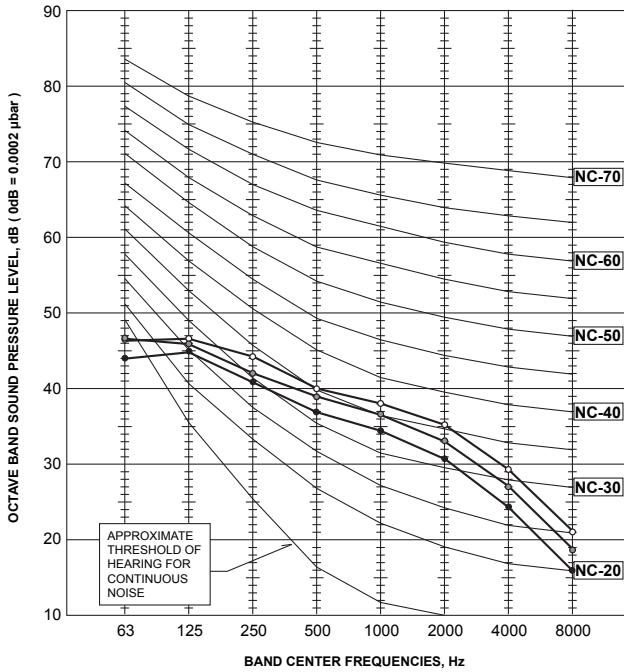
	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PSA-RP100KA	15	7112	1.94	7728	2.13	8624	2.46	11312	2.95	12768	3.28	14224	3.54
	20	6832	2.10	7392	2.30	8176	2.66	10920	3.18	12320	3.54	13720	3.80
	25	6608	2.23	7168	2.49	7840	2.89	10304	3.38	11872	3.79	13216	4.08
PSA-RP125KA	15	8,573	2.83	9,315	3.12	10,395	3.60	13,635	4.32	15,390	4.80	17,145	5.18
	20	8,235	3.07	8,910	3.36	9,855	3.89	13,163	4.66	14,850	5.18	16,538	5.57
	25	7,965	3.26	8,640	3.65	9,450	4.22	12,420	4.94	14,310	5.54	15,930	5.98
PSA-RP140KA	15	9,525	2.84	10,350	3.13	11,550	3.62	15,150	4.34	17,100	4.82	19,050	5.21
	20	9,150	3.08	9,900	3.37	10,950	3.90	14,625	4.68	16,500	5.21	18,375	5.59
	25	8,850	3.28	9,600	3.66	10,500	4.24	13,800	4.96	15,900	5.57	17,700	6.00

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.5.6 NOISE CRITERIA CURVES

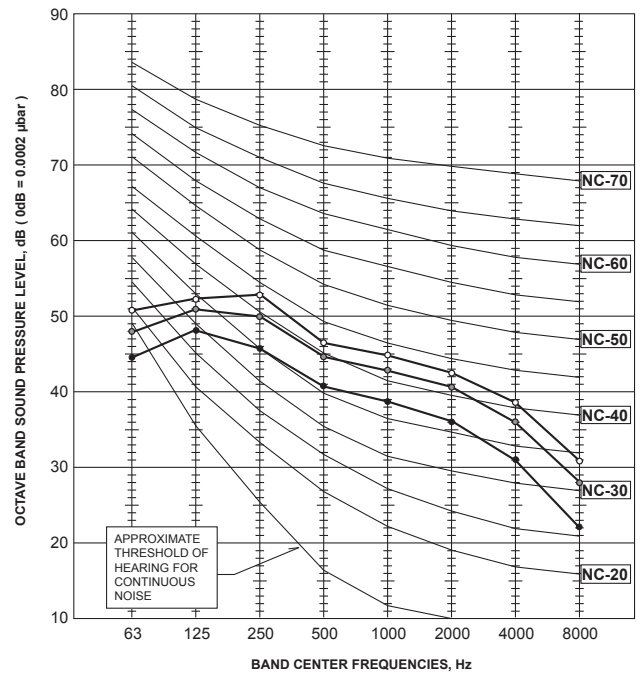
PSA-RP71KA

NOTCH	SPL(dB)	LINE
High	44	○—○
Middle	42	●—●
Low	40	●—●



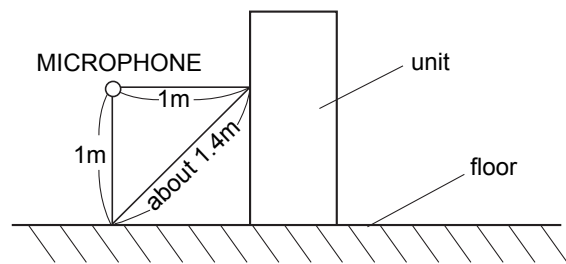
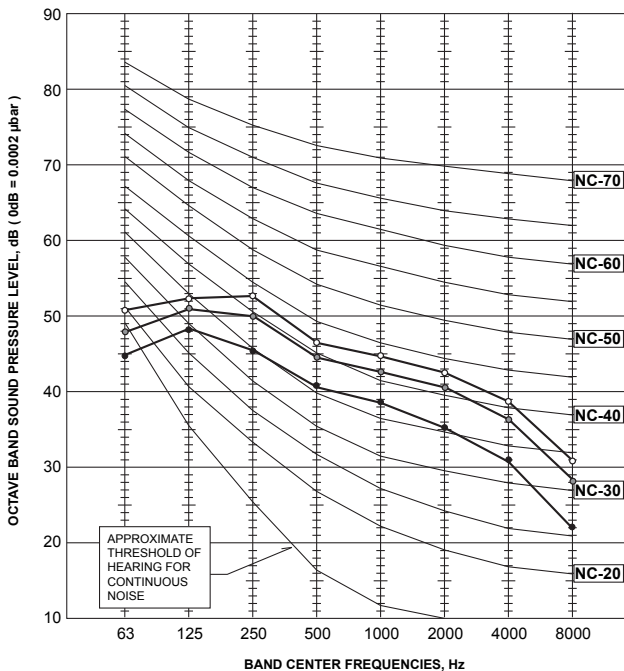
PSA-RP100KA PSA-RP125KA

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	●—●
Low	45	●—●



PSA-RP140KA

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	●—●
Low	45	●—●



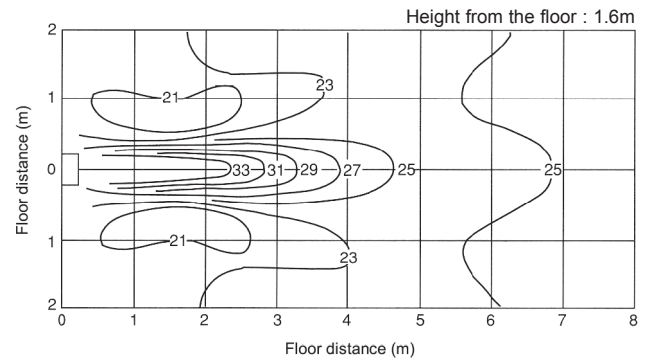
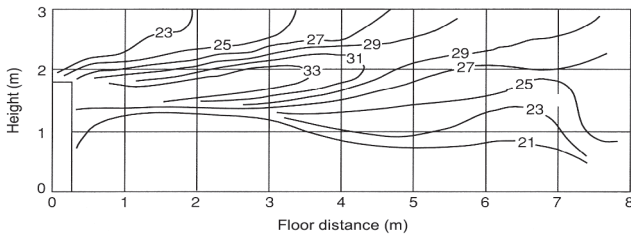
FLOOR-STANDING NOISE CRITERIA CURVES

A.5.7 TEMPERATURE AND FLOW DISTRIBUTIONS

Temperature distribution

<Heating mode>

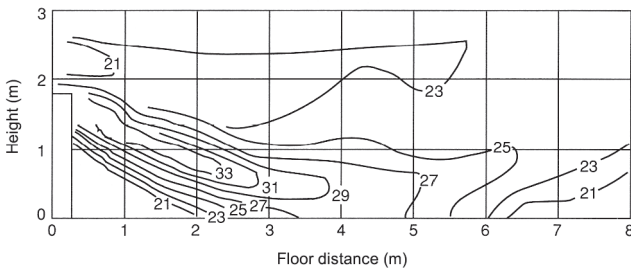
Notch : High Flow angle : 0°



Temperature distribution

<Heating mode>

Notch : High Flow angle : 70°



FLOOR-STANDING
TEMPERATURE AND FLOW DISTRIBUTIONS
OUTLET AIR SPEED AND COVERAGE RANGE
CENTER OF GRAVITY POSITION

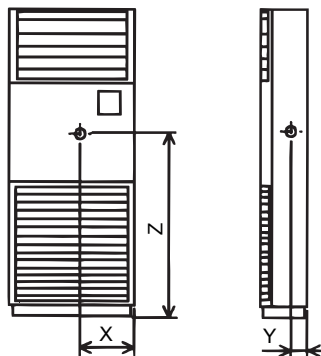
A.5.8 OUTLET AIR SPEED AND COVERAGE RANGE

		PSA-RP71KA	PSA-RP100KA	PSA-RP125KA	PSA-RP140KA
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]

Model	X	Y	Z
PSA-RP71KA	295	145	960
PSA-RP100KA	295	145	960
PSA-RP125KA	295	145	960
PSA-RP140KA	295	155	1060

FLOOR-
STANDING

A.6 CEILING-CONCEALED (PEAD/PEA)

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A.6.1 SPECIFICATIONS

A.6.1.1 R32 type

1. Power Inverter SERIES

Model Name	Indoor Unit			PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)	
	Outdoor Unit			PUZ-ZM35VKA	PUZ-ZM50VKA	PUZ-ZM60VHA	PUZ-ZM71VHA	
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	-	-	-	-		
Refrigerant				R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Max.	kW	4.5	5.6	6.7	8.1	
		Min.	kW	1.6	2.3	2.7	3.3	
	SHF	Rated		0.85	0.84	0.83	0.83	
	Total Input	Rated	kW	0.837 (0.820)	1.201 (1.187)	1.509 (1.495)	1.858 (1.844)	
	EER				4.30 (4.39)	4.16 (4.21)	4.04 (4.08)	3.82 (3.85)
	Annual Electricity Consumption			kWh/a	217 (201)	282 (268)	350 (337)	428 (414)
	SEER				5.8 (6.2)	6.2 (6.5)	6.1 (6.3)	5.8 (6.0)
				Energy efficiency class	A+ (A++)	A++ (A++)	A++ (A++)	A+ (A+)
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Max.			kW	5.2	7.3	8.2	10.2	
Min.			kW	1.6	2.5	2.8	3.5	
Total Input		Rated	kW	0.917	1.312	1.616	1.932	
COP				4.47	4.57	4.33	4.14	
Annual Electricity Consumption			kWh/a	858	1237	1540	1751	
SCOP				3.9	4.3	4.0	3.9	
			Energy efficiency class	A	A+	A+	A	
Operating Current(max)			A	14.1	14.4	20.6	21.0	
Indoor Unit		Input	Rated	kW	0.090 (0.070) / 0.070			
	Cooling/ Heating			0.110 (0.090) / 0.090				
	Operating Current(max)			A	1.07	1.39	1.62	1.97
	Dimensions			Height	mm	250	250	250
				Width	mm	900	900	1100
				Depth	mm	732	732	732
	Weight			kg	26(25)	27(26)	30(29)	30(29)
	Air Volume			Low	m³/min.	10.0	12.0	14.5
				Mid2	m³/min.	-	-	-
				Mid	m³/min.	12.0	14.5	18.0
				Hi	m³/min.	14.0	17.0	21.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150			
	Sound Level (SPL)			Low	dB(A)	23	26	25
				Mid2	dB(A)	-	-	-
				Mid	dB(A)	27	31	29
				Hi	dB(A)	30	35	33
	Sound Level (PWL)	Cooling			54	59	55	58
Outdoor Unit	Dimensions			Height	mm	630	630	943
				Width	mm	809	809	950
				Depth	mm	300 (+23)	300 (+23)	330 (+25)
	Weight			kg	46	46	70	
	Air Volume			Cooling	Rated	m³/min.	45.0	45.0
				Heating	Rated	m³/min.	45.0	45.0
	Sound Level (SPL)			Cooling	Rated	dB(A)	44	44
					Silent	dB(A)	41	41
				Heating	Rated	dB(A)	46	46
	Sound Level (PWL)	Cooling			65	65	67	
	Operating Current(max)			A	13.0	13.0	19.0	
	Breaker Size			A	16	16	25	
	Ext. Piping	Diameter		Liquid	mm	6.35	6.35	9.52
				Gas	mm	12.7	12.7	15.88
Max. Length		Out-In	m	50	50	55		
Max. Height		Below Indoor	m	30	30	30		
		Above Indoor	m	30	30	30		
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*		
		Heating	Upper Limit.	°C	21	21	21	
			Lower Limit.	°C	-11	-11		

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

Model Name	Indoor Unit			PEAD-M100JA(L)		PEAD-M125JA(L)		PEAD-M140JA(L)			
	Outdoor Unit			PUZ-ZM100VKA	PUZ-ZM100YKA	PUZ-ZM125VKA	PUZ-ZM125YKA	PUZ-ZM140VKA	PUZ-ZM140YKA		
Power Supply	Out			Source	Outdoor power supply						
				V	230	400	230	400	230	400	
				Phase	Single	3	Single	3	Single	3	
				Hz	50	50	50	50	50	50	
	In			V	-	-	-	-	-	-	
				Phase	-	-	-	-	-	-	
			Hz	-	-	-	-	-	-		
Refrigerant				R32	R32	R32	R32	R32	R32		
Cooling	Capacity	Rated	kW	9.5		12.5		13.4			
		Max.	kW	11.4		14.0		15.3			
		Min.	kW	4.9		5.5		6.2			
	SHF	Rated		0.82		0.84		0.84			
		Rated	kW	2.272 (2.256)		3.333 (3.315)		3.631 (3.611)			
	EER			4.18 (4.21)		3.75 (3.77)		3.69 (3.71)			
	Annual Electricity Consumption		kWh/a	534 (521)	543 (532)	-	-	-	-		
	SEER			6.2 (6.3)	6.1 (6.2)	-	-	-	-		
			Energy efficiency class	A++ (A++)	A++ (A++)	-	-	-	-		
	Heating	Capacity	Rated	kW	11.2		14.0		16.0		
Max.			kW	14.0		16.0		18.0			
Min.			kW	4.5		5.0		5.7			
Total Input		Rated	kW	2.598		3.349		3.970			
COP			4.31		4.18		4.03				
Annual Electricity Consumption		kWh/a	2666	2666	-	-	-	-			
SCOP			4.1	4.1	-	-	-	-			
		Energy efficiency class	A+	A+	-	-	-	-			
Operating Current(max)			A	29.2	10.7	29.3	12.3	30.8	15.8		
Indoor Unit	Input	Rated	Cooling/Heating	kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370		
		Operating Current(max)			A	2.65		2.76		2.78	
	Dimensions		Height	mm	250		250		250		
			Width	mm	1400		1400		1600		
			Depth	mm	732		732		732		
	Weight			kg	39(38)		40(39)		44(43)		
	Air Volume		Low	m ³ /min.	24.0		29.5		32.0		
			Mid2	m ³ /min.	-		-		-		
			Mid	m ³ /min.	29.0		35.5		39.0		
			Hi	m ³ /min.	34.0		42.0		46.0		
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150						
	Sound Level (SPL)		Low	dB(A)	29		33		34		
			Mid2	dB(A)	-		-		-		
			Mid	dB(A)	34		36		38		
			Hi	dB(A)	38		40		43		
	Sound Level (PWL)	Cooling			62		66		67		
Outdoor Unit	Dimensions		Height	mm	1338		1338		1338		
			Width	mm	1050		1050		1050		
			Depth	mm	330 (+40)		330 (+40)		330 (+40)		
	Weight			kg	116	123	116	125	118	131	
	Air Volume		Cooling	Rated	m ³ /min.	110.0		120.0		120.0	
			Heating	Rated	m ³ /min.	110.0		120.0		120.0	
	Sound Level (SPL)		Cooling	Rated	dB(A)	49		50		50	
			Silent	dB(A)	46		47		47		
			Heating	Rated	dB(A)	51		52		52	
	Sound Level (PWL)	Cooling			69		70		70		
Operating Current(max)			A	26.5	8.0	26.5	9.5	28.0	13.0		
Breaker Size			A	32	16	32	16	40	16		
Ext. Piping	Diameter		Liquid	mm	9.52		9.52		9.52		
			Gas	mm	15.88		15.88		15.88		
	Max. Length	Out-In	m	100		100		100			
	Max. Height		Out-In	Below Indoor	m	30		30		30	
			Above Indoor	m	30		30		30		
Guranteed Operation Range	Out		Cooling	Upper Limit.	°C	46		46			
			Lower Limit.	°C	-15*		-15*				
	Heating		Upper Limit.	°C	21		21				
			Lower Limit.	°C	-20		-20				

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

CEILING-CONCEALED SPECIFICATIONS

2. Standard Inverter SERIES

Model Name	Indoor Unit			PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)			
	Outdoor Unit			SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA			
Power Supply	Out			Source	Outdoor power supply					
				V	230	230	230	230		
				Phase	Single	Single	Single	Single		
				Hz	50	50	50	50		
	In			V	-	-	-	-		
				Phase	-	-	-	-		
			Hz	-	-	-	-			
Refrigerant				R32	R32	R32	R32			
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1			
		Max.	kW	3.9	5.6	6.3	8.1			
		Min.	kW	0.8	1.7	1.6	2.2			
	SHF		Rated		0.85	0.84	0.83	0.83		
	Total Input	Rated	kW	0.92(0.90)	1.35(1.33)	1.69(1.67)	2.02(2.00)			
	EER				3.90(4.00)	3.70(3.75)	3.60(3.65)	3.50(3.55)		
	Annual Electricity Consumption			kWh/a	217(199)	287(271)	353(335)	428(411)		
	SEER				5.8(6.3)	6.1(6.4)	6.0(6.3)	5.8(6.0)		
				Energy efficiency class	A ⁺ (A ⁺⁺)	A ⁺⁺ (A ⁺⁺)	A ⁺ (A ⁺⁺)	A ⁺ (A ⁺)		
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0		
Max.			kW	5.0	7.2	8.0	10.2			
Min.			kW	1.1	1.5	1.6	2.0			
Total Input		Rated	kW	1.02	1.46	1.84	2.15			
COP				4.00	4.10	3.80	3.71			
Annual Electricity Consumption			kWh/a	931	1430	1594	2080			
SCOP				3.9	4.2	4.0	3.9			
			Energy efficiency class	A	A ⁺	A ⁺	A			
Operating Current(max)				A	9.6	14.9	16.4	16.8		
Indoor Unit	Input	Rated	kW	0.090 (0.070) / 0.070				0.110 (0.090) / 0.090	0.120 (0.100) / 0.100	0.170 (0.150) / 0.150
		Operating Current(max)			A	1.07	1.39	1.62	1.97	
	Dimensions			Height	mm	250	250	250	250	
				Width	mm	900	900	1100	1100	
				Depth	mm	732	732	732	732	
	Weight			kg	26 (25)	27 (26)	30 (29)	30 (29)		
	Air Volume			Low	m ³ /min.	10.0	12.0	14.5	17.5	
				Mid2	m ³ /min.	-	-	-	-	
				Mid	m ³ /min.	12.0	14.5	18.0	21.0	
				Hi	m ³ /min.	14.0	17.0	21.0	25.0	
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)			Low	dB(A)	23	26	25	26	
				Mid2	dB(A)	-	-	-	-	
				Mid	dB(A)	27	31	29	30	
				Hi	dB(A)	30	35	33	34	
	Sound Level (PWL)	Cooling				54	59	55	58	
	Outdoor Unit	Dimensions			Height	mm	550	714	880	880
Width					mm	800	800	840	840	
Depth					mm	285	285	330	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				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		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	Below Indoor	m	12	30	30	30	
				Above Indoor	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46		
			Lower Limit.	°C	-10	-15	-15	-15		
		Heating	Upper Limit.	°C	24	24	24	24		
			Lower Limit.	°C	-10	-10	-10	-10		

CEILING-CONCEALED SPECIFICATIONS

Model Name	Indoor Unit			PEAD-M100JA(L)		PEAD-M125JA(L)		PEAD-M140JA(L)		
	Outdoor Unit			PUZ-M100VKA	PUZ-M100YKA	PUZ-M125VKA	PUZ-M125YKA	PUZ-M140VKA	PUZ-M140YKA	
Power Supply	Source			Outdoor power supply						
	Out	V			230	400	230	400	230	400
		Phase			Single	3	Single	3	Single	3
		Hz			50	50	50	50	50	50
	In	V			-	-	-	-	-	-
		Phase			-	-	-	-	-	-
Hz			-	-	-	-	-	-		
Refrigerant				R32	R32	R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	9.5		12.1		13.4		
		Max.	kW	10.6		13.0		14.1		
		Min.	kW	4.0		6.0		6.1		
	SHF	Rated			0.82		0.84		0.84	
		Total Input	Rated			2.87(2.85)		4.01(3.99)		4.76(4.74)
	EER			3.30(3.33)		3.01(3.03)		2.81(2.82)		
	Annual Electricity Consumption			kWh/a		613(598)		-	-	-
	SEER			5.4(5.5)		-	-	-	-	
	Energy efficiency class			A(A)		-	-	-	-	
	Heating	Capacity	Rated	kW	11.2		13.5		15.0	
Max.			kW	12.5		15.0		15.8		
Min.			kW	2.8		4.1		4.2		
Total Input		Rated			2.94(2.94)		3.73(3.73)		4.15(4.15)	
COP			3.80(3.80)		3.61(3.61)		3.61(3.61)			
Annual Electricity Consumption			kWh/a		2795(2795)		-	-	-	
SCOP			4.0(4.0)		-	-	-	-		
Energy efficiency class			A+(A+)		-	-	-	-		
Operating Current(max)				A	22.7	14.2	29.3	14.3	32.8	14.3
Indoor Unit	Input	Rated	kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370		
		Cooling/Heating								
	Operating Current(max)			A	2.65	2.76	2.78			
	Dimensions	Height		mm	250		250		250	
		Width		mm	1400		1400		1600	
		Depth		mm	732		732		732	
	Weight			kg	39(38)		40(39)		44(43)	
	Air Volume	Low	m³/min.	24.0		29.5		32.0		
		Mid2	m³/min.	-		-		-		
		Mid	m³/min.	29.0		35.5		39.0		
		Hi	m³/min.	34.0		42.0		46.0		
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)	Low	dB(A)	29		33		34		
		Mid2	dB(A)	-		-		-		
		Mid	dB(A)	34		36		38		
Hi		dB(A)	38		40		43			
Sound Level (PWL)	Cooling	62		66		67				
Outdoor Unit	Dimensions	Height		mm	981		981			
		Width		mm	1050		1050			
		Depth		mm	330 (+40)		330 (+40)			
	Weight			kg	76	78	84	85	84	85
	Air Volume	Cooling	Rated	m³/min.	79		86		86	
		Heating	Rated	m³/min.	79		92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51		54		55	
			Silent	dB(A)	46		47		47	
		Heating	Rated	dB(A)	54		56		57	
	Sound Level (PWL)	Cooling	70		72		73			
Operating Current(max)				A	20	11.5	26.5	11.5	30	11.5
Breaker Size				A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid	mm	9.52		9.52		9.52		
		Gas	mm	15.88		15.88		15.88		
	Max. Length	Out-In		m	55		65			
	Max. Height	Out-In	Below Indoor	m	30		30			
			Above Indoor	m	30		30			
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		46			
			Lower Limit.	°C	-15*		-15*			
	Heating	Upper Limit.	°C	21		21				
		Lower Limit.	°C	-15		-15				

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

CEILING-CONCEALED

SPECIFICATIONS

3. Economy Inverter SERIES

Model Name	Indoor Unit			PEAD-SM71JA(L)	
	Outdoor Unit			SUZ-SM71VA	
Power Supply	Source			Outdoor power supply	
	Out	V		230	
		Phase		Single	
		Hz		50	
	In	V		-	
Phase		-			
Hz		-			
Refrigerant				R32	
Cooling	Capacity	Rated	kW	7.1	
		Max.	kW	8.1	
		Min.	kW	2.2	
	SHF	Rated		0.83	
	Total Input	Rated	kW	2.08(2.08)	
	EER			3.41(3.41)	
	Annual Electricity Consumption			kWh/a 451(451)	
	SEER			5.5(5.5)	
	Energy efficiency class			A(A)	
	Heating	Capacity	Rated	kW	8.0
Max.			kW	10.2	
Min.			kW	2.0	
Total Input		Rated	kW	2.21(2.21)	
COP			3.61(3.61)		
Annual Electricity Consumption			kWh/a 2080		
SCOP			3.9(3.9)		
Energy efficiency class			A(A)		
Operating Current(max)			A 16.8		
Indoor Unit		Input	Rated	Cooling/ Heating	kW
	Operating Current(max)			A 1.97	
	Dimensions	Height		mm	250
		Width		mm	1100
		Depth		mm	732
	Weight			kg	33 (32)
	Air Volume	Low	m ³ /min.	17.5	
		Mid2	m ³ /min.	-	
		Mid	m ³ /min.	21.0	
		Hi	m ³ /min.	25.0	
	External Static Pressure			Pa	35/50/70/100/150
	Sound Level (SPL)	Low	dB(A)	26	
		Mid2	dB(A)	-	
		Mid	dB(A)	30	
		Hi	dB(A)	34	
Sound Level (PWL)	Cooling			58	
Outdoor Unit	Dimensions	Height		mm	880
		Width		mm	840
		Depth		mm	330
	Weight			kg	55
	Air Volume	Cooling	Rated	m ³ /min.	50.1
		Heating	Rated	m ³ /min.	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	49
			Silent	dB(A)	-
		Heating	Rated	dB(A)	51
	Sound Level (PWL)	Cooling			66
Operating Current(max)			A	14.8	
Breaker Size			A	20	
Ext. Piping	Diameter	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max. Length	Out-In	m	30	
	Max. Height	Out-In	Below Indoor	m	30
			Above Indoor	m	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15
	Heating	Upper Limit.	°C	24	
		Lower Limit.	°C	-10	

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

Model Name	Indoor Unit			PEAD-SM100JA(L)		PEAD-SM125JA(L)		PEAD-SM140JA(L)		
	Outdoor Unit			PUZ-SM100VKA	PUZ-SM100YKA	PUZ-SM125VKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA	
Power Supply	Out			Source	Outdoor power supply					
				V	230	400	230	400	230	400
	In			Phase	Single	3	Single	3	Single	3
				Hz	50		50		50	
	Refrigerant			V	-	-	-	-	-	-
Phase				-	-	-	-	-	-	
Refrigerant			Hz	-	-	-	-	-	-	
				R32	R32	R32	R32	R32	R32	
Cooling	Capacity	Rated	kW	9.5	12.1	13.4				
		Max.	kW	10.6	13.0	14.1				
		Min.	kW	4.0	6.0	6.1				
	SHF	Rated		0.83	0.83	0.83				
	Total Input	Rated	kW	2.95	4.17	4.96				
	EER			3.21	2.90	2.70				
	Annual Electricity Consumption		kWh/a	626	-	-	-	-	-	
	SEER			5.3	-	-	-	-	-	
	Energy efficiency class				A	-	-	-	-	
	Heating	Capacity	Rated	kW	11.2	13.5	15.0			
Max.			kW	12.5	15.0	15.8				
Min.			kW	2.8	4.1	4.2				
Total Input		Rated	kW	3.02	3.85	4.28				
COP				3.70	3.50	3.50				
Annual Electricity Consumption			kWh/a	2865	-	-	-	-	-	
SCOP				3.9	-	-	-	-	-	
Energy efficiency class				A	-	-	-	-		
Operating Current(max)			A	22.7	14.2	29.3	14.3	32.8	14.3	
Indoor Unit	Input	Rated	Cooling/Heating	kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370	
		Operating Current(max)	A	2.65	2.76	2.78				
	Dimensions		Height	mm	250	250	250			
			Width	mm	1400	1400	1600			
			Depth	mm	732	732	732			
	Weight		kg	39(38)	40(39)	44(43)				
	Air Volume	Low	Mid2	m³/min.	24.0	29.5	32.0			
			Mid	m³/min.	-	-	-			
			Mid	m³/min.	29.0	35.5	39.0			
			Hi	m³/min.	34.0	42.0	46.0			
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)	Low	Mid2	dB(A)	29	33	34			
			Mid	dB(A)	-	-	-			
			Mid	dB(A)	34	36	38			
			Hi	dB(A)	38	40	43			
Sound Level (PWL)	Cooling		62	66	67					
Outdoor Unit	Dimensions		Height	mm	981	981	981			
			Width	mm	1050	1050	1050			
			Depth	mm	330(+40)	330(+40)	330(+40)			
	Weight		kg	76	78	84	85	84	85	
	Air Volume	Cooling	Rated	m³/min.	79	86	86			
			Heating	Rated	m³/min.	79	92	92		
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	54	55			
			Silent	dB(A)	49	52	54			
			Heating	Rated	dB(A)	54	56	57		
	Sound Level (PWL)	Cooling		70	72	73				
Operating Current(max)			A	20	11.5	26.5	11.5	30	11.5	
Breaker Size			A	32	16	32	16	40	16	
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52				
		Gas	mm	15.88	15.88	15.88				
	Max. Length	Out-In	m	30	40	40				
	Max. Height	Out-In	Below Indoor	m	30	30	30			
Above Indoor			m	30	30	30				
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46			
			Lower Limit.	°C	-15*	-15*	-15*			
	Heating	Upper Limit.	°C	21	21	21				
		Lower Limit.	°C	-15	-15	-15				

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

A.6.1.2 R410A type
1. ZUBADAN SERIES

Model Name	Indoor Unit			PEAD-M100JA(L)	PEAD-M100JA(L)	PEAD-M125JA(L)		
	Outdoor Unit			PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)		
Power Supply	Out			Source	Outdoor power supply			
				V	230	400	400	
	In			Phase	Single	3	3	
				Hz	50	50	50	
				V	-	-	-	
				Phase	-	-	-	
			Hz	-	-	-		
Refrigerant				R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	10.0	10.0	12.5		
		Max.	kW	11.4	11.4	14.0		
		Min.	kW	4.9	4.9	5.5		
	SHF	Rated		0.89	0.89	0.84		
	Total Input	Rated	kW	2.924 (2.904)	2.924 (2.904)	3.895 (3.875)		
	EER				3.40 (3.44)	3.40 (3.44)	3.21 (3.22)	
	Annual Electricity Consumption			kWh/a	729(714)	729(714)	-	
	SEER				4.8(4.9)	4.8(4.9)	-	
				Energy efficiency class	B(A)	B(A)	-	
Heating	Capacity	Rated	kW	11.2	11.2	14.0		
		Max.	kW	14.0	14.0	16.0		
		Min.	kW	4.5	4.5	5.0		
	Total Input	Rated	kW	3.103	3.103	3.879		
	COP				3.61	3.61	3.61	
	Annual Electricity Consumption			kWh/a	4664	4664	6072	
	SCOP				3.8	3.8	-	
				Energy efficiency class	A	A	-	
Operating Current(max)			A	37.7	15.7	15.8		
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.25 (0.23) / 0.23	0.25 (0.23) / 0.23	0.36 (0.34) / 0.34	
		Operating Current(max)			A	2.65	2.65	2.76
	Dimensions			Height	mm	250	250	250
				Width	mm	1400	1400	1400
				Depth	mm	732	732	732
	Weight			kg	39(38)	39(38)	40(39)	
	Air Volume			Low	m³/min.	24.0	24.0	29.5
				Mid2	m³/min.	-	-	-
				Mid	m³/min.	29.0	29.0	35.5
				Hi	m³/min.	34.0	34.0	42.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150			
	Sound Level (SPL)			Low	dB(A)	29	29	33
				Mid2	dB(A)	-	-	-
				Mid	dB(A)	34	34	36
				Hi	dB(A)	38	38	40
	Sound Level (PWL) Cooling				62	62	66	
	Outdoor Unit	Dimensions			Height	mm	1350	1350
Width					mm	950	950	950
Depth					mm	330 (+30)	330 (+30)	330 (+30)
Weight			kg	120	134	134		
Air Volume		Cooling	Rated	m³/min.	100.0	100.0	100.0	
		Heating	Rated	m³/min.	100.0	100.0	100.0	
Sound Level (SPL)		Cooling	Rated	dB(A)	51	51	51	
		Silent	dB(A)	48	48	48		
		Heating	Rated	dB(A)	52	52	52	
Sound Level (PWL) Cooling				69	69	69		
Operating Current(max)			A	35.0	13.0	13.0		
Breaker Size			A	40	16	16		
Ext. Piping		Diameter		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	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30	
Guranteed Operation Range	Out		Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	
			Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-25	-25	-25	

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

2. Power Inverter SERIES

Model Name	Indoor Unit			PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)		
	Outdoor Unit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2		
Power Supply	Out			Source	Outdoor power supply				
				V	230	230	230	230	
				Phase	Single	Single	Single	Single	
				Hz	50	50	50	50	
	In			V	-	-	-	-	
				Phase	-	-	-	-	
			Hz	-	-	-	-		
Refrigerant				R410A	R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1		
		Max.	kW	4.5	5.6	6.7	8.1		
		Min.	kW	1.6	2.3	2.7	3.3		
	SHF	Rated		0.85	0.84	0.83	0.83		
	Total Input	Rated	kW	0.89 (0.87)	1.44 (1.42)	1.65 (1.63)	2.01 (1.99)		
	EER				4.04 (4.14)	3.47 (3.52)	3.70 (3.74)	3.53 (3.57)	
	Annual Electricity Consumption			kWh/a	221 (205)	304 (288)	355 (340)	428 (411)	
	SEER				5.7 (6.1)	5.7 (6.0)	6.0 (6.2)	5.8 (6.0)	
				Energy efficiency class	A+ (A++)	A+ (A+)	A+ (A++)	A+ (A+)	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	
Max.			kW	5.2	7.3	8.2	10.2		
Min.			kW	1.6	2.5	2.8	3.5		
Total Input		Rated	kW	0.95	1.50	1.79	2.03		
COP				4.32	4.0	3.91	3.94		
Annual Electricity Consumption			kWh/a	839	1231	1513	1762		
SCOP				4.0	4.3	4.1	3.9		
			Energy efficiency class	A+	A+	A+	A		
Operating Current(max)			A	14.1	14.4	20.6	21.0		
Indoor Unit		Input	Rated	Cooling/ Heating	kW	0.090 (0.070) / 0.070	0.110 (0.090) / 0.090	0.120 (0.100) / 0.100	0.170 (0.150) / 0.150
	Operating Current(max)			A	1.07	1.39	1.62	1.97	
	Dimensions			Height	mm	250	250	250	250
				Width	mm	900	900	1100	1100
				Depth	mm	732	732	732	732
	Weight			kg	26(25)	27(26)	30(29)	30(29)	
	Air Volume			Low	m³/min.	10.0	12.0	14.5	17.5
				Mid2	m³/min.	-	-	-	-
				Mid	m³/min.	12.0	14.5	18.0	21.0
				Hi	m³/min.	14.0	17.0	21.0	25.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150				
	Sound Level (SPL)			Low	dB(A)	23	26	25	26
				Mid2	dB(A)	-	-	-	-
				Mid	dB(A)	27	31	29	30
				Hi	dB(A)	30	35	33	34
	Sound Level (PWL)	Cooling			54	59	55	58	
	Outdoor Unit	Dimensions			Height	mm	630	630	943
Width					mm	809	809	950	950
Depth					mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)
Weight			kg	43	46	70	70		
Air Volume		Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0	
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0	
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			65	65	67	67	
Operating Current(max)			A	13.0	13.0	19.0	19.0		
Breaker Size			A	16	16	25	25		
Ext. Piping		Diameter		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	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30	
Guranteed Operation Range	Out		Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*	
	Heating		Upper Limit.	°C	21	21	21	21	
			Lower Limit.	°C	-11	-11	-20	-20	

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

CEILING-CONCEALED

SPECIFICATIONS

Model	Indoor Unit			PEAD-M100JA(L)		PEAD-M125JA(L)		PEAD-M140JA(L)		
Name	Outdoor Unit			PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3	
Power Supply	Source			Outdoor power supply						
	Out	V		230	400	230	400	230	400	
		Phase		Single	3	Single	3	Single	3	
		Hz		50	50	50	50	50	50	
	In	V		-	-	-	-	-	-	
Phase		-	-	-	-	-	-			
Hz		-	-	-	-	-	-			
Refrigerant				R410A	R410A	R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	9.5		12.5		13.4		
		Max.	kW	11.4		14.0		15.3		
		Min.	kW	4.9		5.5		6.2		
	SHF	Rated		0.82		0.84		0.84		
	Total Input	Rated	kW	2.43 (2.41)		3.86 (3.83)		4.32 (4.29)		
	EER			3.91 (3.94)		3.24 (3.26)		3.10 (3.12)		
	Annual Electricity Consumption		kWh/a	554 (543)	565 (554)	-	-	-	-	
	SEER			6.0 (6.1)	5.8 (6.0)	-	-	-	-	
		Energy efficiency class	A+ (A++)	A+ (A+)	-	-	-	-		
Heating	Capacity	Rated	kW	11.2		14.0		16.0		
		Max.	kW	14.0		16.0		18.0		
		Min.	kW	4.5		5.0		5.7		
	Total Input	Rated	kW	2.60		3.51		4.07		
	COP			4.31		3.99		3.93		
	Annual Electricity Consumption		kWh/a	2627	2627	-	-	-	-	
	SCOP			4.2	4.2	-	-	-	-	
			Energy efficiency class	A+	A+	-	-	-	-	
Operating Current(max)		A	29.2	10.7	29.3	12.3	30.8	15.8		
Indoor Unit	Input	Rated	Cooling/Heating	kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370	
		Operating Current(max)		A	2.65	2.76	2.78			
	Dimensions	Height	mm	250		250		250		
		Width	mm	1400		1400		1600		
		Depth	mm	732		732		732		
	Weight		kg	39(38)		40(39)		44(43)		
	Air Volume	Low	m³/min.	24.0		29.5		32.0		
		Mid2	m³/min.	-		-		-		
		Mid	m³/min.	29.0		35.5		39.0		
		Hi	m³/min.	34.0		42.0		46.0		
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150						
	Sound Level (SPL)	Low	Mid2	dB(A)	29		33		34	
			Mid	dB(A)	-		-		-	
			Mid	dB(A)	34		36		38	
			Hi	dB(A)	38		40		43	
Sound Level (PWL)	Cooling		62		66		67			
Outdoor Unit	Dimensions	Height	mm	1338		1338		1338		
		Width	mm	1050		1050		1050		
		Depth	mm	330 (+40)		330 (+40)		330 (+40)		
	Weight		kg	116	123	116	125	118	131	
	Air Volume	Cooling	Rated	m³/min.	110.0		120.0		120.0	
		Heating	Rated	m³/min.	110.0		120.0		120.0	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49		50		50	
			Silent	dB(A)	46		47		47	
	Sound Level (PWL)	Cooling	Rated	dB(A)	51		52		52	
					69		70		70	
Operating Current(max)		A	26.5	8.0	26.5	9.5	28.0	13.0		
Breaker Size		A	32	16	32	16	40	16		
Ext. Piping	Diameter	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	Below Indoor	m	30		30		30	
			Above Indoor	m	30		30		30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		46		46	
			Lower Limit.	°C	-15*		-15*		-15*	
	Heating	Upper Limit.	°C	21		21		21		
		Lower Limit.	°C	-20		-20		-20		

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

3. Standard Inverter SERIES

Model Name	Indoor Unit			PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)		
	Outdoor Unit			SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6		
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		-	-	-	-				
Refrigerant				R410A	R410A	R410A	R410A		
Cooling	Capacity	Rated	kW	3.6	4.9	5.7	7.1		
		Max.	kW	3.9	5.6	6.3	8.1		
		Min.	kW	1.4	2.3	2.3	2.8		
	SHF	Rated		0.85	0.85	0.86	0.83		
	Total Input	Rated	kW	1.050 (1.030)	1.480 (1.460)	1.670 (1.650)	2.080 (2.060)		
	EER			3.42 (3.49)	3.31 (3.36)	3.41 (3.45)	3.41 (3.45)		
	Annual Electricity Consumption			kWh/a	222 (210)	302 (290)	337 (325)	408 (396)	
	SEER			5.6 (6.0)	5.6 (5.9)	5.9 (6.1)	6.1 (6.2)		
	Energy efficiency class			A+ (A+)	A+ (A+)	A+ (A++)	A++ (A++)		
Heating	Capacity	Rated	kW	4.1	5.9	7.0	8.0		
		Max.	kW	5.0	7.2	8.0	10.2		
		Min.	kW	1.7	1.7	2.5	2.6		
	Total Input	Rated	kW	1.110	1.620	1.890	2.040		
	COP			3.69	3.64	3.70	3.92		
	Annual Electricity Consumption			kWh/a	980	1468	1569	2153	
	SCOP			4.0	4.2	4.0	3.9		
	Energy efficiency class			A+	A+	A+	A		
	Operating Current(max)			A	9.3	13.4	15.6	18.1	
Indoor Unit	Input	Rated	kW	0.090 (0.070) / 0.070	0.110 (0.090) / 0.090	0.120 (0.100) / 0.100	0.170 (0.150) / 0.150		
		Operating Current(max)			A	1.07	1.39	1.62	1.97
	Dimensions	Height	mm	250	250	250	250		
		Width	mm	900	900	1100	1100		
		Depth	mm	732	732	732	732		
	Weight			kg	26 (25)	27 (26)	30 (29)	30 (29)	
	Air Volume	Low	m³/min.	10.0	12.0	14.5	17.5		
		Mid2	m³/min.	-	-	-	-		
		Mid	m³/min.	12.0	14.5	18.0	21.0		
		Hi	m³/min.	14.0	17.0	21.0	25.0		
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150				
	Sound Level (SPL)	Low	dB(A)	23	26	25	26		
		Mid2	dB(A)	-	-	-	-		
		Mid	dB(A)	27	31	29	30		
		Hi	dB(A)	30	35	33	34		
	Sound Level (PWL)	Cooling			54	59	55	58	
	Outdoor Unit	Dimensions	Height	mm	550	880	880	880	
			Width	mm	800	840	840	840	
			Depth	mm	285	330	330	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			62	65	65	69	
Operating Current(max)			A	8.2	12.0	14.0	16.1		
Breaker Size			A	10	20	20	20		
Ext. Piping		Diameter	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	Below Indoor	m	12	30	30	30	
			Above Indoor	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	
			Lower Limit.	°C	-10	-15	-15	-15	
		Heating	Upper Limit.	°C	24	24	24	24	
			Lower Limit.	°C	-10	-10	-10	-10	

CEILING-CONCEALED

SPECIFICATIONS

Model Name	Indoor Unit			PEAD-M100JA(L)		PEAD-M125JA(L)		PEAD-M140JA(L)		
	Outdoor Unit			PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA	
Power Supply	Source			Outdoor power supply						
	Out	V			230	400	230	400	230	400
		Phase			Single	3	Single	3	Single	3
		Hz			50		50		50	
	In	V			-		-		-	
Phase			-		-		-			
Hz			-		-		-			
Refrigerant				R410A		R410A		R410A		
Cooling	Capacity	Rated	kW	9.4		12.1		13.6		
		Max.	kW	10.6		13.0		14.1		
		Min.	kW	3.7		5.6		5.8		
	SHF	Rated		0.82		0.84		0.84		
	Total Input	Rated	kW	2.98		4.15		5.21		
	EER			3.15		2.91		2.61		
	Annual Electricity Consumption			kWh/a	664		-		-	
	SEER			5.1		-		-		
	Energy efficiency class			A		-		-		
	Heating	Capacity	Rated	kW	11.2		13.5		15.0	
Max.			kW	12.5		15.0		15.8		
Min.			kW	2.8		4.8		4.9		
Total Input		Rated	kW	2.93		3.73		4.27		
COP			3.80		3.61		3.51			
Annual Electricity Consumption			kWh/a	2793		-		-		
SCOP			4.0		-		-			
Energy efficiency class			A+		-		-			
Operating Current(max)			A	22.7	14.2	29.3	14.3	32.8	14.3	
Indoor Unit		Input	Rated	Cooling/Heating	kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370
	Operating Current(max)			A	2.65		2.76		2.78	
	Dimensions	Height		mm	250		250		250	
		Width		mm	1400		1400		1600	
		Depth		mm	732		732		732	
	Weight			kg	39(38)		40(39)		44(43)	
	Air Volume	Low	Mid	m³/min.	24.0		29.5		32.0	
			Mid2	m³/min.	-		-		-	
			Mid	m³/min.	29.0		35.5		39.0	
			Hi	m³/min.	34.0		42.0		46.0	
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)	Low	Mid	dB(A)	29		33		34	
			Mid2	dB(A)	-		-		-	
			Mid	dB(A)	34		36		38	
			Hi	dB(A)	38		40		43	
Sound Level (PWL) Cooling				62		66		67		
Outdoor Unit	Dimensions	Height		mm	981		981		981	
		Width		mm	1050		1050		1050	
		Depth		mm	330(+40)		330(+40)		330(+40)	
	Weight			kg	76	78	84	85	84	85
	Air Volume	Cooling	Rated	m³/min.	79		86		86	
			Heating	Rated	m³/min.	79		92		92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51		54		56	
			Silent	dB(A)	49		52		54	
			Heating	Rated	dB(A)	54		56		57
	Sound Level (PWL) Cooling				70		72		75	
	Operating Current(max)			A	20.0	11.5	26.5	11.5	30.0	11.5
	Breaker Size			A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid	mm	9.52		9.52		9.52		
		Gas	mm	15.88		15.88		15.88		
	Max. Length	Out-In	m	50		50		50		
	Max. Height	Out-In	Below Indoor	m	30		30		30	
Above Indoor			m	30		30		30		
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		46		46	
			Lower Limit.	°C	-15*		-15*		-15*	
		Heating	Upper Limit.	°C	21		21		21	
			Lower Limit.	°C	-15		-15		-15	

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

Model Name	Indoor Unit			PEA-RP200WKA	PEA-RP250WKA	PEA-RP200WKA	PEA-RP250WKA	
	Outdoor Unit			PUHZ-ZRP200YKA3	PUHZ-ZRP250YKA3	PUHZ-P200YKA3	PUHZ-P250YKA3	
Power Supply				Source				
	Out			Indoor / outdoor separate power supply				
				V	400	400	400	400
				Phase	3	3	3	3
				Hz	50	50	50	50
	In			V	-	-	-	-
			Phase	-	-	-	-	
			Hz	-	-	-	-	
Refrigerant				R410A	R410A	R410A	R410A	
Cooling	Capacity	Rated	kW	19.0	22.0	19.0	22.0	
		Max.	kW	22.4	27.0	22.4	27.0	
		Min.	kW	9.0	11.2	9.0	11.2	
	SHF	Rated		0.78	0.86	0.78	0.86	
	Total Input	Rated	kW	6.03	8.05	6.29	8.14	
	EER			3.15	2.73	3.02	2.70	
	Annual Electricity Consumption		kWh/a	-	-	-	-	
	SEER			-	-	-	-	
		Energy efficiency class		-	-	-	-	
	Heating	Capacity	Rated	kW	22.4	27.0	22.4	27.0
Max.			kW	25.0	31.0	25.0	31.0	
Min.			kW	9.5	12.5	9.5	12.5	
Total Input		Rated	kW	6.58	8.43	6.78	8.70	
COP				3.40	3.20	3.30	3.10	
Annual Electricity Consumption			kWh/a	-	-	-	-	
SCOP				-	-	-	-	
		Energy efficiency class		-	-	-	-	
Operating Current(max)			A	23.3	26.5	23.3	26.5	
Indoor Unit	Input	Rated	kW	0.66	0.80	0.66	0.80	
		Operating Current(max)	A	4.3	5.5	4.3	5.5	
	Dimensions	Height	mm	470	470	470	470	
		Width	mm	1370	1370	1370	1370	
		Depth	mm	1120	1120	1120	1120	
	Weight		kg	108	108	108	108	
	Air Volume	Low	m³/min.	50	58	50	58	
		Mid2	m³/min.	-	-	-	-	
		Mid	m³/min.	61	71	61	71	
		Hi	m³/min.	72	84	72	84	
	External Static Pressure		Pa	150	150	150	150	
	Sound Level (SPL)	Low	dB(A)	38	40	38	40	
		Mid2	dB(A)	-	-	-	-	
		Mid	dB(A)	41	43	41	43	
		Hi	dB(A)	44	46	44	46	
	Sound Level (PWL)	Cooling(Air Volume:Hi)		67	72	67	72	
	Breaker Size		A	16	16	16	16	
Outdoor Unit	Dimensions	Height	mm	1338	1338	1338	1338	
		Width	mm	1050	1050	1050	1050	
		Depth	mm	330 (+40)	330 (+40)	330(+40)	330(+40)	
	Weight		kg	135	135	127	135	
	Air Volume	Cooling	Rated	m³/min.	140.0	140.0	140.0	140.0
		Heating	Rated	m³/min.	140.0	140.0	140.0	140.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	59	59	58	59
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	62	62	60	62
	Sound Level (PWL)	Cooling		77	77	78	77	
	Operating Current(max)		A	19.0	21.0	19.0	21.0	
	Breaker Size		A	32	32	32	32	
	Ext. Piping	Diameter	Liquid	mm	9.52	12.7	9.52	12.7
Gas			mm	25.4	25.4	25.4	25.4	
Max. Length		Out-In	m	100	100	70	70	
Max. Height		Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	
			Lower Limit.	°C	-15*	-15*	-15*	
		Heating	Upper Limit.	°C	21	21	21	
			Lower Limit.	°C	-20	-20	-20	

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

CEILING-
CONCEALED

SPECIFICATIONS

4. Economy Inverter SERIES

Model Name	Indoor Unit			PEAD-SM71JA(L)	PEAD-SM100JA(L)	
	Outdoor Unit			SUZ-SA71VA3	SUZ-SA100VA2	
Power Supply	Source			Outdoor power supply	Outdoor power supply	
				Out	V	230
	In			Phase	Single	
				Hz	50	50
				V	-	-
				Phase	-	-
Refrigerant			Hz	-		
			Hz	-	-	
R410A			R410A	R410		
Cooling	Capacity	Rated	kW	7.1	9.4	
		Max.	kW	8.1	9.9	
		Min.	kW	3.2	5.0	
	SHF	Rated		0.83	0.90	
	Total Input	Rated	kW	2.35	3.12	
	EER			3.02	3.01	
	Annual Electricity Consumption			kWh/a	477	711
	SEER			5.2	4.6	
	Energy efficiency class			(A)	(B)	
	Heating	Capacity	Rated	kW	8.0	11.2
Max.			kW	8.9	11.5	
Min.			kW	3.5	5.1	
Total Input		Rated	kW	2.21	3.10	
COP			3.61	3.61		
Annual Electricity Consumption			kWh/a	2189	2927	
SCOP			3.8	3.8		
Energy efficiency class			(A)	(A)		
Operating Current(max)			A	18.1	18.8	
Indoor Unit		Input	Rated	kW	0.170 (0.150) / 0.150	0.250 (0.230) / 0.230
	Cooling/ Heating					
	Operating Current(max)			A	1.97	2.65
	Dimensions		Height	mm	250	250
			Width	mm	1100	1400
			Depth	mm	732	732
	Weight			kg	33 (32)	39 (38)
	Air Volume		Low	m³/min.	17.5	24.0
			Mid2	m³/min.	-	-
			Mid	m³/min.	21.0	29.0
			Hi	m³/min.	25.0	34.0
	External Static Pressure			Pa	35/50/70/100/150	35/50/70/100/125
	Sound Level (SPL)		Low	dB(A)	26	29
			Mid2	dB(A)	-	-
			Mid	dB(A)	30	34
Hi			dB(A)	34	38	
Sound Level (PWL)	Cooling			58	62	
Outdoor Unit	Dimensions		Height	mm	880	880
			Width	mm	840	840
			Depth	mm	330	330
	Weight			kg	52	56
	Air Volume	Cooling	Rated	m³/min.	50.1	53.6
		Heating	Rated	m³/min.	48.2	53.7
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55
		Heating	Rated	dB(A)	55	55
	Sound Level (PWL)		Cooling		69	69
	Operating Current(max)			A	16.1	16.1
	Breaker Size			A	20	20
	Ext. Piping	Diameter	Liquid	mm	9.52	9.52
			Gas	mm	15.88	15.88
Max. Length		Out-In	m	30	30	
Max. Height		Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-10	-10
	Heating	Upper Limit.	°C	24	24	
		Lower Limit.	°C	-10	-10	

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

Model Name	Indoor Unit			PEAD-SM100JA(L)	PEAD-SM125JA(L)	PEAD-SM140JA(L)			
	Outdoor Unit			PUHZ-SP100YKA	PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA	
Power Supply	Source			Outdoor power supply					
	Out	V			400	230	400	230	400
		Phase			3	Single	3	Single	3
		Hz			50	50		50	
	In	V			-	-	-	-	-
Phase			-	-	-	-	-		
Hz			-	-	-	-	-		
Refrigerant				R410A	R410A	R410A			
Cooling	Capacity	Rated	kW	9.4	12.1	13.6			
		Max.	kW	10.6	13.0	14.1			
		Min.	kW	3.7	5.6	5.8			
	SHF	Rated		0.82	0.84	0.84			
	Total Input	Rated	kW	3.08	4.30	5.40			
	EER			3.05	2.81	2.51			
	Annual Electricity Consumption			kWh/a	712	-	-	-	
	SEER			4.6	-	-	-		
	Energy efficiency class			B	-	-	-		
	Heating	Capacity	Rated	kW	11.2	13.5	15.0		
Max.			kW	12.5	15.0	15.8			
Min.			kW	2.8	4.8	4.9			
Total Input		Rated	kW	3.02	3.84	4.39			
COP			3.70	3.51	3.41				
Annual Electricity Consumption			kWh/a	2937	-	-	-		
SCOP			3.8	-	-	-			
Energy efficiency class			A	-	-	-			
Operating Current(max)			A	14.2	29.3	14.3	32.8	14.3	
Indoor Unit		Input	Rated	Cooling/Heating	kW	0.25 (0.23) / 0.23		0.360 (0.340) / 0.340	0.390 (0.370) / 0.370
	Operating Current(max)			A	2.65	2.76	2.78		
	Dimensions	Height		mm	250	250	250		
		Width		mm	1400	1400	1600		
		Depth		mm	732	732	732		
	Weight			kg	39(38)	40(39)	44(43)		
	Air Volume	Low	m³/min.	24.0	29.5	32.0			
		Mid2	m³/min.	-	-	-			
		Mid	m³/min.	29.0	35.5	39.0			
		Hi	m³/min.	34.0	42.0	46.0			
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150				
	Sound Level (SPL)	Low	dB(A)	29	33	34			
		Mid2	dB(A)	-	-	-			
		Mid	dB(A)	34	36	38			
		Hi	dB(A)	38	40	43			
Sound Level (PWL)	Cooling		62	66	66	67	67		
Outdoor Unit	Dimensions	Height		mm	981	981	981		
		Width		mm	1050	1050	1050		
		Depth		mm	330(+40)	330(+40)	330(+40)		
	Weight			kg	78	84	85	84	85
	Air Volume	Cooling	Rated	m³/min.	79	86	86		
		Heating	Rated	m³/min.	79	92	92		
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	54	56		
			Silent	dB(A)	49	52	54		
		Heating	Rated	dB(A)	54	56	57		
	Sound Level (PWL)	Cooling		70	72	72	75	75	
	Operating Current(max)			A	11.5	26.5	11.5	30	11.5
	Breaker Size			A	16	32	16	40	16
Ext. Piping	Diameter	Liquid	mm	9.52	9.52	9.52			
		Gas	mm	15.88	15.88	15.88			
	Max. Length	Out-In	m	30	40	40			
	Max. Height	Out-In	Below Indoor	m	30	30	30		
Above Indoor			m	30	30	30			
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46		
			Lower Limit.	°C	-15*	-15*	-15*		
	Heating	Upper Limit.	°C	21	21	21			
		Lower Limit.	°C	-15	-15	-15			

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

5. Mr.Slim+

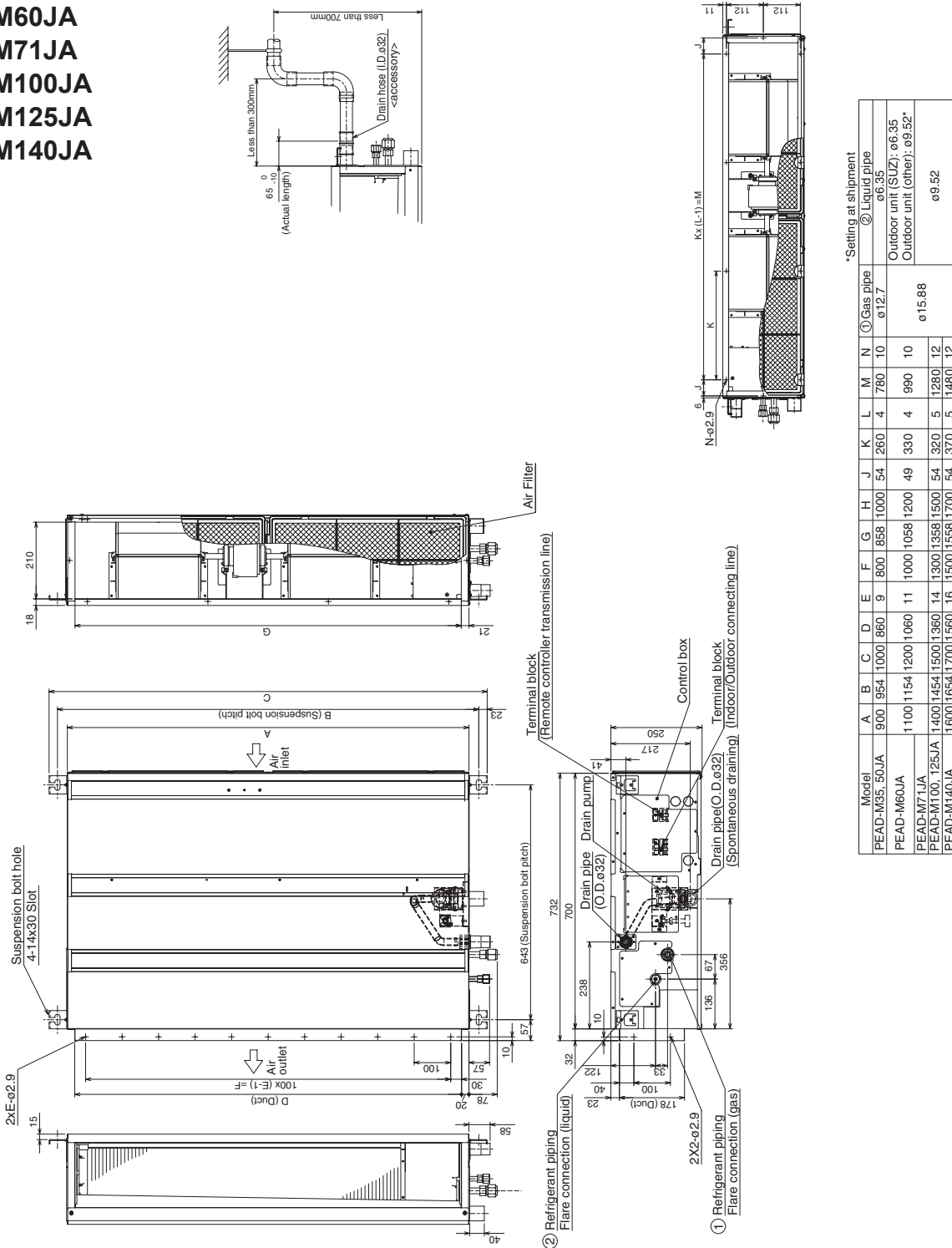
Model Name		Indoor Unit		PEAD-M71JA(L)			
		Outdoor Unit		PUHZ-FRP71VHA2			
Power Supply			Source	Outdoor power supply			
Out		V		230			
		Phase		Single			
In		V		-			
		Phase		-			
		Hz		-			
		Hz		-			
Refrigerant			R410A				
Cooling	Capacity	Rated	kW	7.1			
		Max.	kW	8.1			
		Min.	kW	3.3			
	SHF	Rated	-				
	Total Input	Rated	kW	2.10 (2.04)			
	EER			3.38 (3.48)			
	Annual Electricity Consumption			kWh/a	444 (427)		
	SEER			5.5 (5.8)			
				Energy efficiency class			
				A (A+)			
Heating	Capacity	Rated	kW	8.0			
		Max.	kW	10.2			
		Min.	kW	3.5			
	Total Input	Rated	kW	2.11			
	COP			3.79			
	Annual Electricity Consumption			kWh/a	1791		
	SCOP			3.8			
				Energy efficiency class			
			A				
Operating Current(max)			A	19.0			
Indoor Unit	Input	Rated [Cooling/Heating]		kW	0.170 (0.150)/0.150		
	Operating Current(max)			A	1.97		
	Dimensions		Height	mm	250		
			Width	mm	1100		
			Depth	mm	732		
	Weight			kg	30 (29)		
	Air Volume		Low	m³/min.	17.5		
			Mid2	m³/min.	-		
			Mid	m³/min.	21.0		
			Hi	m³/min.	25.0		
	External Static Pressure			Pa	35/50/70/100/150		
	Sound Level (SPL)		Low	dB(A)	26		
			Mid2	dB(A)	-		
			Mid	dB(A)	30		
			Hi	dB(A)	34		
	Sound Level (PWL)	Cooling				58	
	Outdoor Unit	Dimensions		Height	mm	943	
Width				mm	950		
Depth				mm	330 (+30)		
Weight			kg	73			
Air Volume		Cooling	Rated	m³/min.	50		
		Heating	Rated	m³/min.	50		
Sound Level (SPL)		Cooling	Rated	dB(A)	47		
			Silent	dB(A)	-		
		Heating	Rated	dB(A)	49		
Sound Level (PWL)		Cooling				67	
Operating Current(max)			A	19.0			
Breaker Size			A	25			
Ext. Piping		Diameter		Liquid	mm	9.52	
	Gas			mm	15.88		
	Max. Length	Out-In	m	60			
	Max. Height		Out-In	Below Indoor	m	20	
			Above Indoor	m	20		
Guranteed Operation Range	Out		Cooling	Upper Limit.	°C	46	
				Lower Limit.	°C	-15*	
	Heating		Upper Limit.	°C	21		
			Lower Limit.	°C	-20		

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

A.6.2 OUTLINES AND DIMENSIONS

PEAD-M35JA
 PEAD-M50JA
 PEAD-M60JA
 PEAD-M71JA
 PEAD-M100JA
 PEAD-M125JA
 PEAD-M140JA

Unit : mm



Model	*Setting at shipment												
	A	B	C	D	E	F	G	H	J	K	L	M	N
PEAD-M35, 50JA	900	954	1000	860	9	800	858	1000	54	260	4	780	10
PEAD-M60JA	1100	1154	1200	1060	11	1000	1058	1200	49	330	4	990	10
PEAD-M71JA	1400	1454	1500	1360	14	1300	1358	1500	54	320	5	1280	12
PEAD-M100, 125JA	1600	1654	1700	1560	16	1500	1558	1700	54	370	5	1480	12

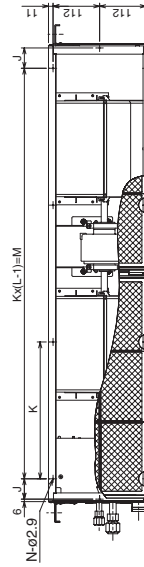
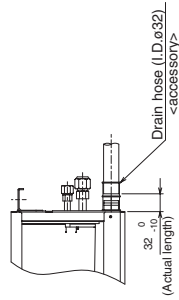
① Gas pipe		② Liquid pipe	
ø12.7	ø12.7	ø6.35	ø6.35
Outdoor unit (SUZ): ø6.35		Outdoor unit (SUZ): ø6.35	
Outdoor unit (other): ø9.52*		Outdoor unit (other): ø9.52*	
ø15.88		ø9.52	

- 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, 71, 100, 125, 140JA models, which have 2 fans. PEAD-M35, 50JA models have 1 fan.
 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.

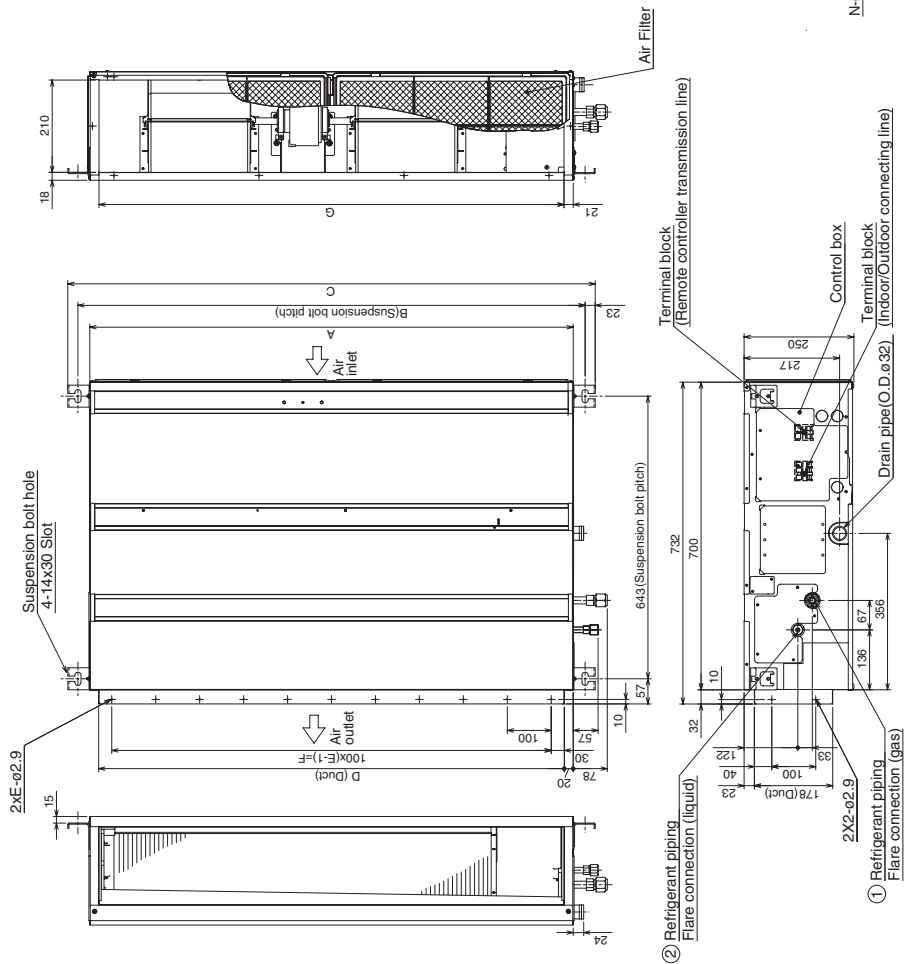
CEILING-
CONCEALED

OUTLINES AND DIMENSIONS

PEAD-M35JAL
 PEAD-M50JAL
 PEAD-M60JAL
 PEAD-M71JAL
 PEAD-M100JAL
 PEAD-M125JAL
 PEAD-M140JAL



CEILING-CONCEALED
 OUTLINES AND DIMENSIONS



Model	*Setting at shipment												
	A	B	C	D	E	F	G	H	J	K	L	M	N
PEAD-M35-50JAL	900	954	1000	860	9	800	858	1000	54	260	4	780	10
PEAD-M60JAL	1100	1154	1200	1060	11	1000	1058	1200	49	330	4	990	10
PEAD-M71JAL	1400	1454	1500	1360	14	1300	1358	1500	54	320	5	1280	12
PEAD-M100-125JAL	1600	1654	1700	1560	16	1500	1558	1700	54	370	5	1480	12
PEAD-M140JAL													

① Gas pipe	② Liquid pipe
ø12.7	ø6.35
ø15.88	ø6.35
ø15.88	ø6.35
ø15.88	ø9.52
ø15.88	ø9.52

- 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, 71, 100, 125, 140JAL models, which have 2 fans. PEAD-M35, 50JAL models have 1 fan.
 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.

- PEAD-M35JA PEAD-M100JA
- PEAD-M35JAL PEAD-M100JAL
- PEAD-M50JA PEAD-M125JA
- PEAD-M50JAL PEAD-M125JAL
- PEAD-M60JA PEAD-M140JA
- PEAD-M60JAL PEAD-M140JAL
- PEAD-M71JA
- PEAD-M71JAL

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

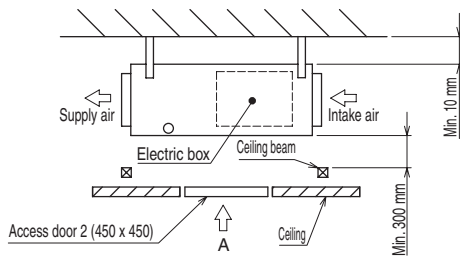


Fig. 1

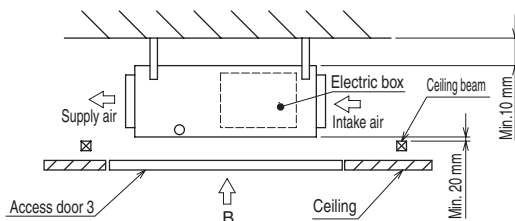


Fig. 3

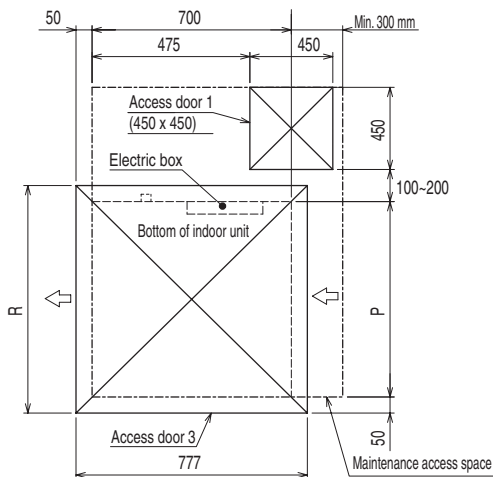


Fig. 4 (Viewed from the direction of the arrow B)

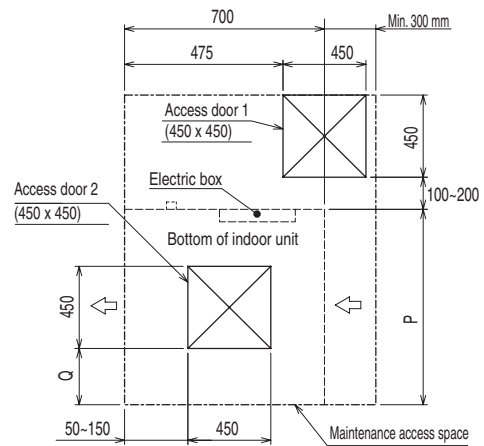


Fig. 2 (Viewed from the direction of the arrow A)

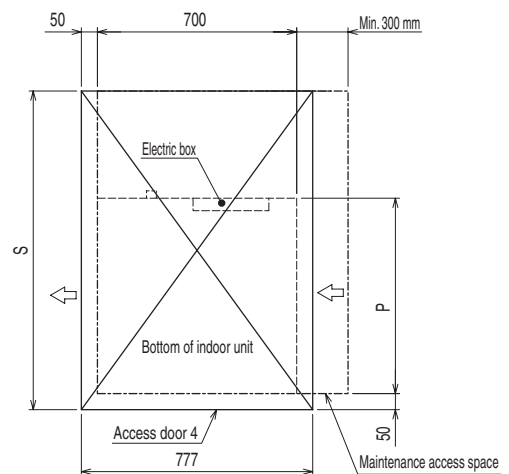


Fig. 5 (Viewed from the direction of the arrow B)

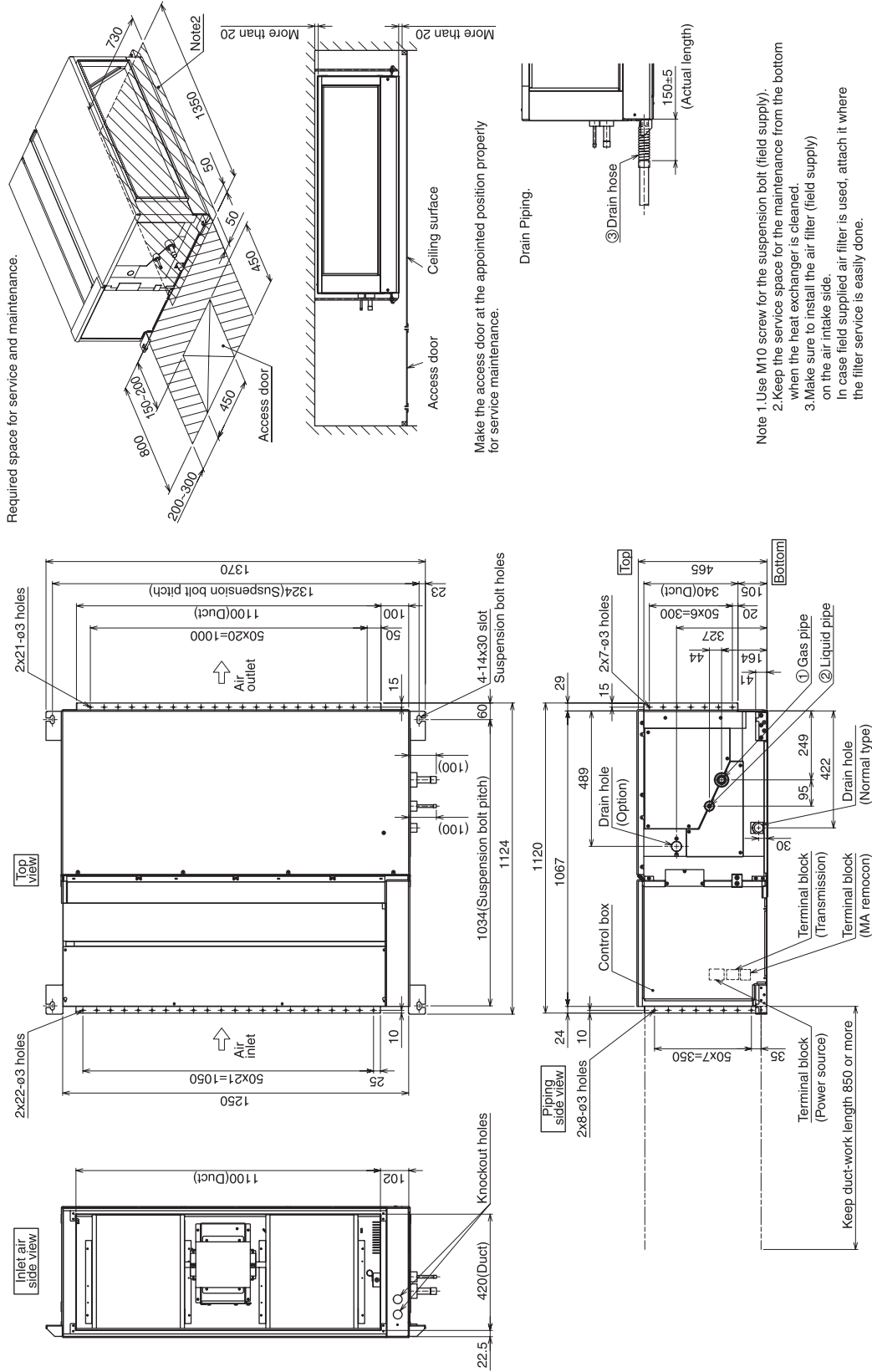
Model	P	Q	R	S
PEAD-M35, 50JA(L)	900	150~250	1000	1500
PEAD-M60, 71JA(L)	1100	250~350	1200	1700
PEAD-M100, 125JA(L)	1400	400~500	1500	2000
PEAD-M140JA(L)	1600	500~600	1700	2200

CEILING-CONCEALED

OUTLINES AND DIMENSIONS

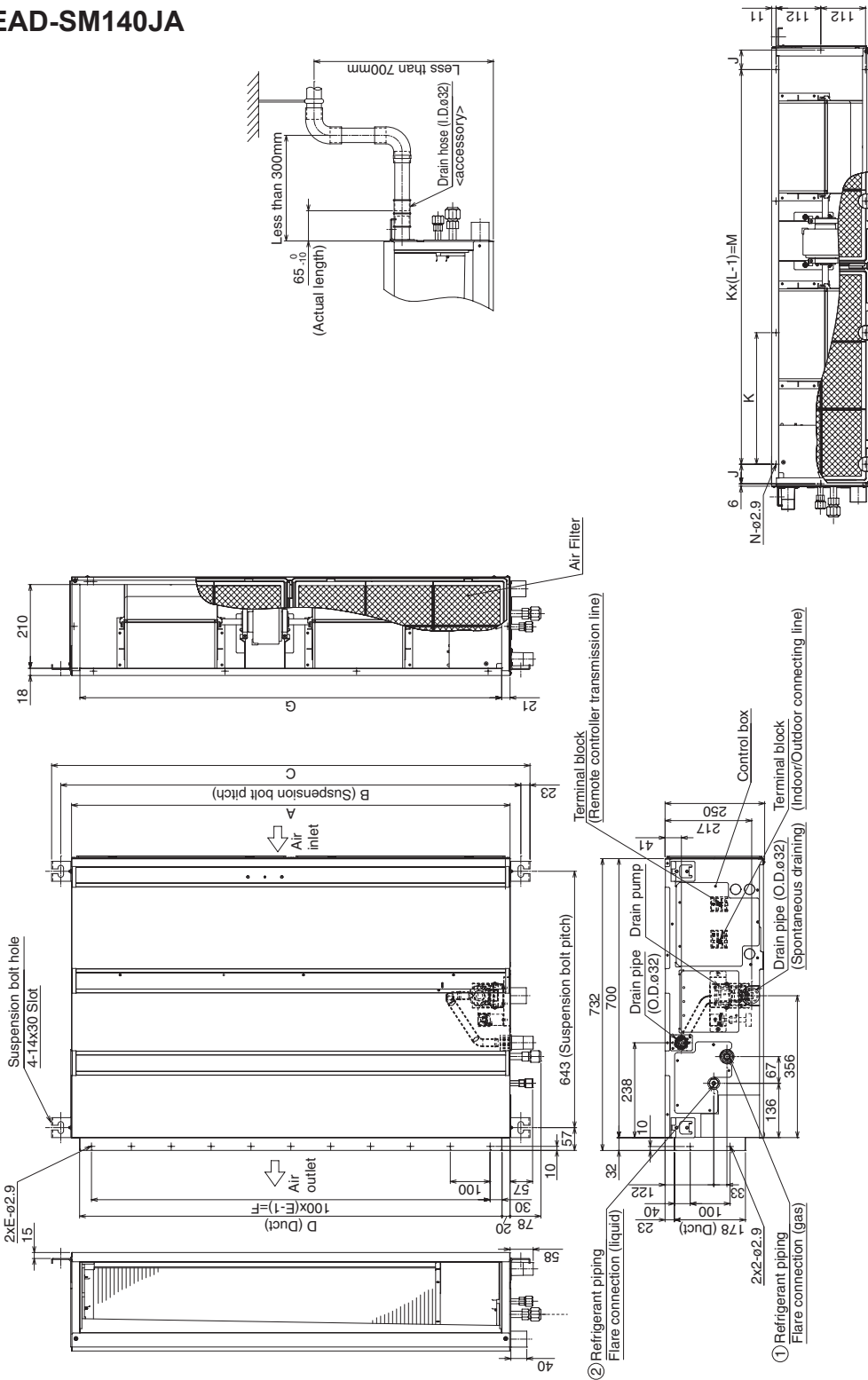
PEA-RP200WKA
PEA-RP250WKA

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



PEAD-SM71JA
 PEAD-SM100JA
 PEAD-SM125JA
 PEAD-SM140JA

Unit : mm



Model	A	B	C	D	E	F	G	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEAD-SM71JA	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10	φ15.88	φ9.52
PEAD-SM100-125JA	1400	1454	1500	1360	14	1300	1358	54	320	5	1280	12	φ15.88	φ9.52
PEAD-SM140JA	1600	1654	1700	1560	16	1500	1558	54	370	5	1480	12	φ15.88	φ9.52

*Setting at shipment

- NOTE 1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. 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.

PEAD-SM71JA
PEAD-SM71JAL
PEAD-SM100JA
PEAD-SM100JAL
PEAD-SM125JA
PEAD-SM125JAL
PEAD-SM140JA
PEAD-SM140JAL

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

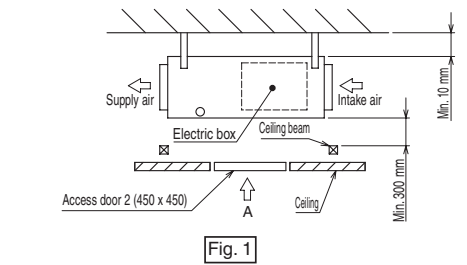


Fig. 1

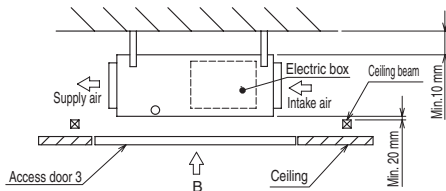


Fig. 3

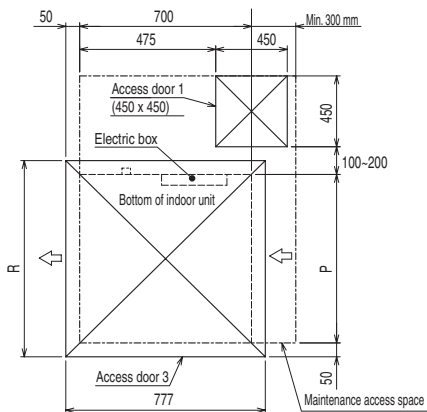


Fig. 4 (Viewed from the direction of the arrow B)

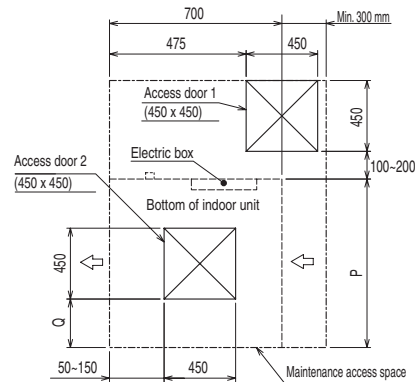


Fig. 2 (Viewed from the direction of the arrow A)

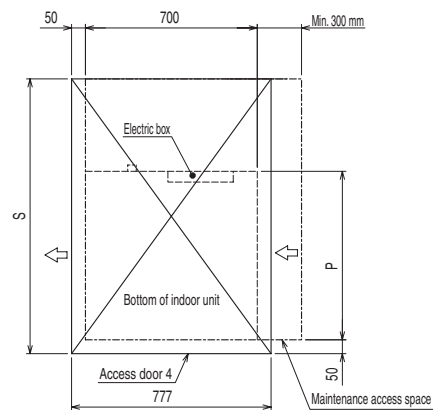


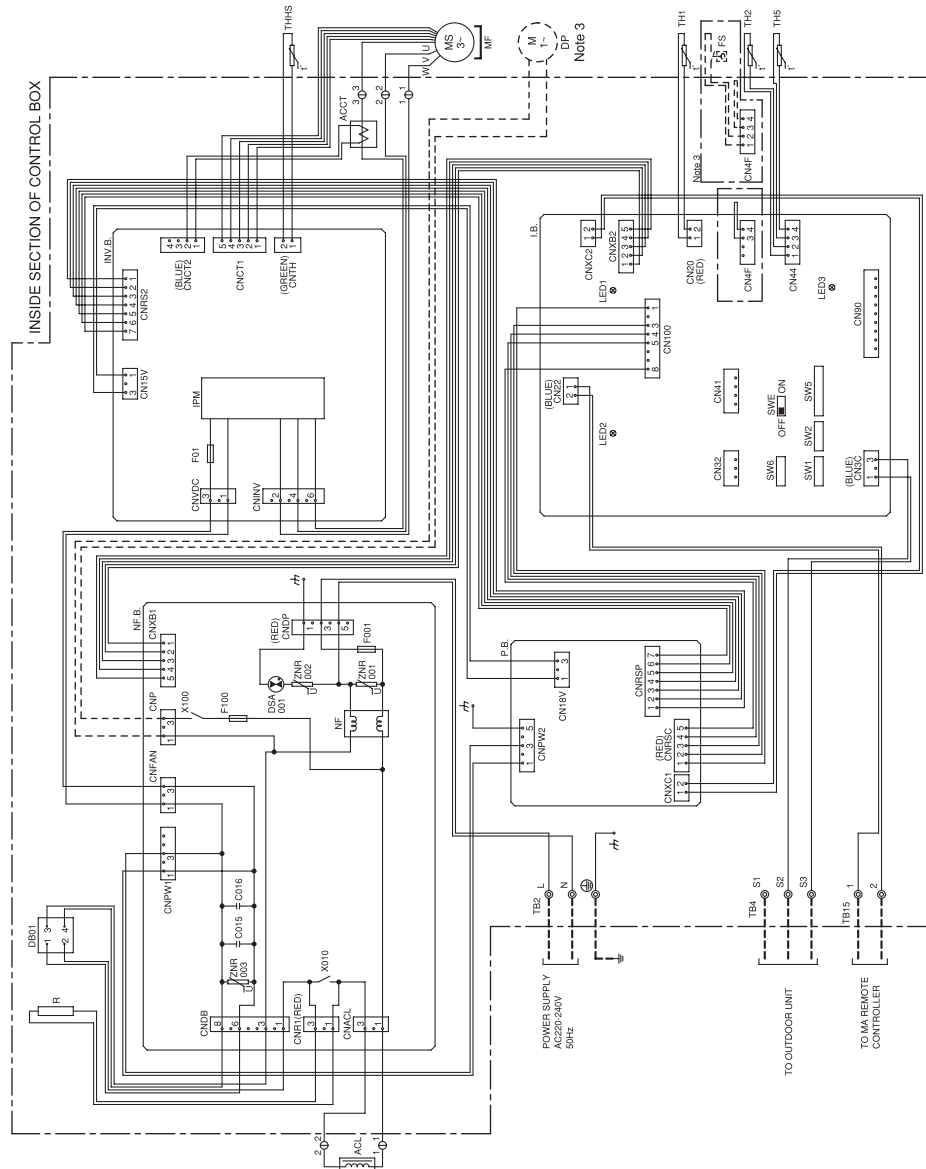
Fig. 5 (Viewed from the direction of the arrow B)

Model	P	Q	R	S
PEAD-SM71JA(L)	1100	250-350	1200	1700
PEAD-SM100, 125JA(L)	1400	400-500	1500	2000
PEAD-SM140JA(L)	1600	500-600	1700	2200

PEA-RP200WKA
PEA-RP250WKA

SYMBOL	EXPLANATION	NAME
I.B.	Indoor controller board	
P.B.	Power supply board	
INV.B.	Noise filter board	
INV.B.	Inverter board	
TB2	Power source terminal block	
TB4	Transmission terminal block	
TB15	Transmission terminal block	
F01	Fuse(AC250V 10A)	
F100	Fuse(AC250V 15A)	
MF	Fan motor	
ACL	AC reactor (Power factor improvement)	
R	Resistor	
DB01	Diode bridge	
NF	Noise filter	
DSA001	Arrester	
ZNR001	Varistor	
ZNR003	Aux. relay	
X010.X100	Aux. relay	
LED1	LED (Power supply)	
LED2	LED (Remote controller supply)	
LED3	LED (transmission indoor-outdoor)	
TH1	Thermistor (inlet air temp. detection)	
TH2	Thermistor (piping temp. detection (liquid))	
TH5	Thermistor (piping temp. detection (gas))	
THHS	Thermistor (heatsink)	
ACCT	Current Sensor (AC)	
CN41	Connector (HA terminal-A)	
CN90	Connector (Wireless)	
SW1 (I.B.)	Switch (for mode selection)	
SW2 (I.B.)	Switch (for capacity code)	
SW5 (I.B.)	Switch (for model selection)	
SW6 (I.B.)	Switch (for model selection)	
SWE (I.B.)	Connector (emergency operation)	
IPM	Intelligent power module	
<DP>	Drain pump	
<FS>	Float switch	

Inside < > is the optional parts.



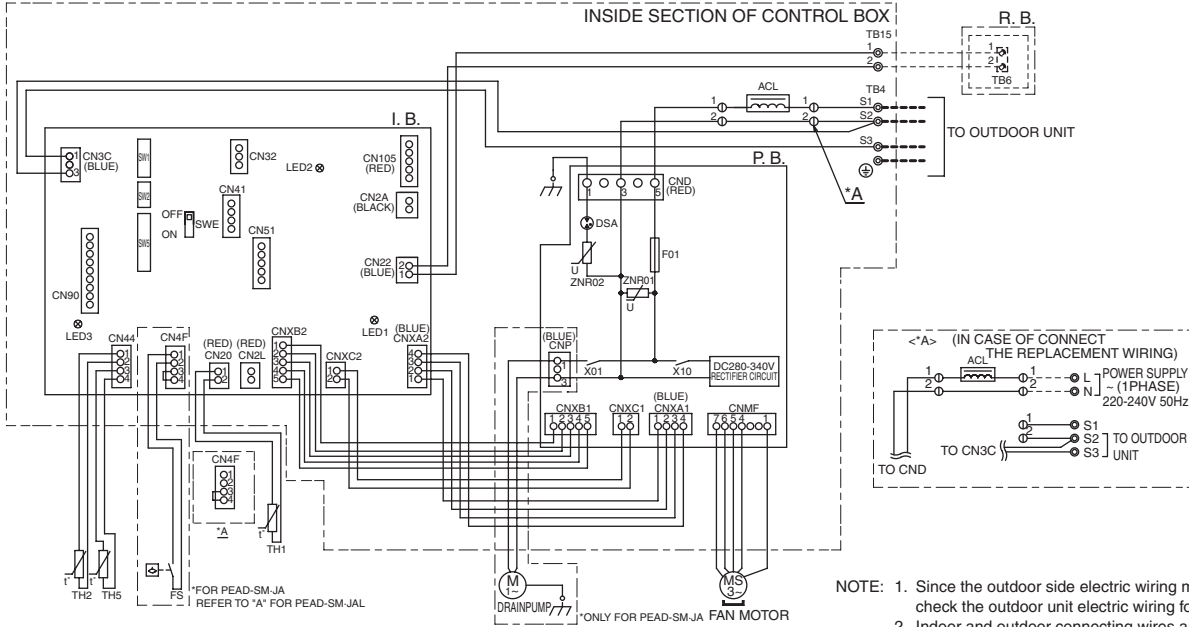
NOTE:1. The wirings to TB2, TB4, TB15 shown in dotted line are field work.
 2. Mark ⊙ indicates terminal block ⊕ connector.
 3. The part of thin dotted line indicates the circuit for optional parts.
 4. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
 *Be sure to turn off the SWE after completing a drainage test or test run.

CEILING-
CONCEALED

WIRING DIAGRAM

PEAD-SM71JA
 PEAD-SM71JAL
 PEAD-SM100JA
 PEAD-SM100JAL
 PEAD-SM125JA
 PEAD-SM125JAL
 PEAD-SM140JA
 PEAD-SM140JAL

CEILING-CONCEALED WIRING DIAGRAM



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I. B.	INDOOR CONTROLLER BOARD	I. B.	INDOOR CONTROLLER BOARD	TH1	INTAKE AIR TEMP. THERMISTOR
CN2A	CONNECTOR (0-10V ANALOG INPUT)	SW1	SWITCH (FOR MODE SELECTION)	TH2	PIPE TEMP. THERMISTOR/LIQUID
CN2L	CONNECTOR (LOSSNAY)	SW2	SWITCH (FOR CAPACITY CODE)	TH5	COND./EVA. TEMP. THERMISTOR
CN32	CONNECTOR (REMOTE SWITCH)	SW5	SWITCH (FOR MODEL SELECTION)	ACL	AC REACTOR (POWER FACTOR IMPROVEMENT)
CN41	CONNECTOR (HA TERMINAL-A)	SWE	CONNECTOR (EMERGENCY OPERATION)	FS	FLOAT SWITCH
CN51	CONNECTOR (CENTRALLY CONTROL)	P. B.	POWER SUPPLY BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN90	CONNECTOR (WIRELESS)	F01	FUSE AC250V 6.3A	TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN105	CONNECTOR (IT TERMINAL)	ZNR01,02	VARIATOR	R. B.	REMOTE CONTROLLER BOARD
LED1	LED (POWER SUPPLY)	DSA	ARRESTER	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
LED2	LED (REMOTE CONTROLLER SUPPLY)	X01	AUX. RELAY		
LED3	LED (TRANSMISSION INDOOR-OUTDOOR)	X10	AUX. RELAY		

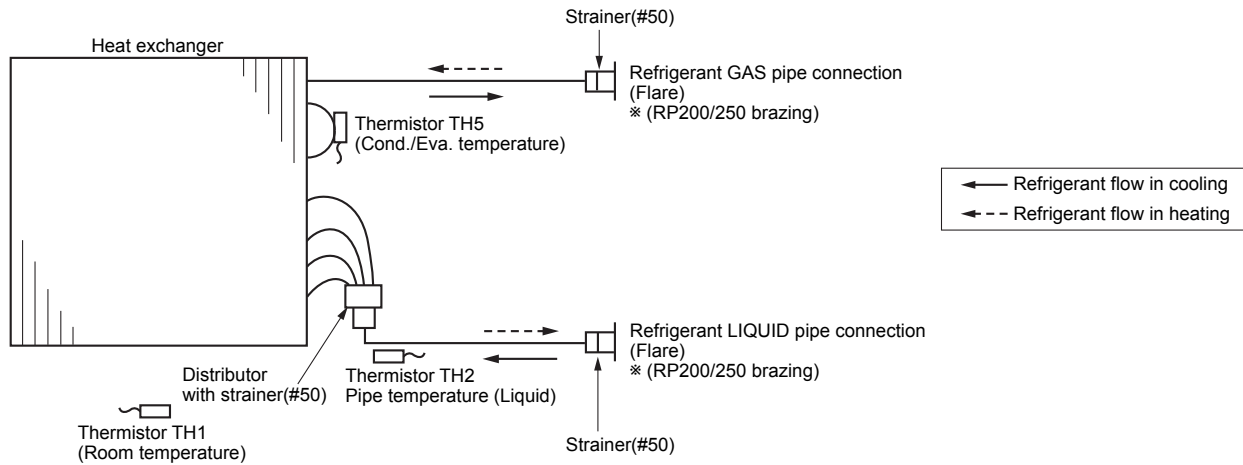
A.6.4 REFRIGERANT SYSTEM DIAGRAM

PEAD-M35JA
 PEAD-M35JAL
 PEAD-M50JA
 PEAD-M50JAL
 PEAD-M60JA
 PEAD-M60JAL
 PEAD-M71JA
 PEAD-M71JAL

PEAD-M100JA
 PEAD-M100JAL
 PEAD-M125JA
 PEAD-M125JAL
 PEAD-M140JA
 PEAD-M140JAL

PEAD-SM71JA
 PEAD-SM71JAL
 PEAD-SM100JA
 PEAD-SM100JAL
 PEAD-SM125JA
 PEAD-SM125JAL
 PEAD-SM140JA
 PEAD-SM140JAL

PEA-RP200WKA
 PEA-RP250WKA



CEILING-
CONCEALED

REFRIGERANT SYSTEM DIAGRAM

A.6.5 PERFORMANCE DATA

A.6.5.1 R32 type

COOLING CAPACITY

PEAD-M35JA / PUZ-ZM35VKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,673	0.75	0.67	3,456	2,592	0.75	0.71	3,348	2,511	0.75	0.75
20	18	3,816	2,404	0.63	0.68	3,708	2,336	0.63	0.72	3,582	2,257	0.63	0.77
20	20	4,104	2,093	0.51	0.70	4,014	2,047	0.51	0.74	3,906	1,992	0.51	0.79
22	16	3,564	2,958	0.83	0.67	3,456	2,868	0.83	0.71	3,348	2,779	0.83	0.75
22	18	3,816	2,709	0.71	0.68	3,708	2,633	0.71	0.72	3,582	2,543	0.71	0.77
22	20	4,104	2,421	0.59	0.70	4,014	2,368	0.59	0.74	3,906	2,305	0.59	0.79
24	16	3,564	3,243	0.91	0.67	3,456	3,145	0.91	0.71	3,348	3,047	0.91	0.75
24	18	3,816	3,015	0.79	0.68	3,708	2,929	0.79	0.72	3,582	2,830	0.79	0.77
24	20	4,104	2,750	0.67	0.70	4,014	2,689	0.67	0.74	3,906	2,617	0.67	0.79
24	22	4,374	2,406	0.55	0.72	4,284	2,356	0.55	0.76	4,176	2,297	0.55	0.81
26	16	3,564	3,528	0.99	0.67	3,456	3,421	0.99	0.71	3,348	3,315	0.99	0.75
26	18	3,816	3,320	0.87	0.68	3,708	3,226	0.87	0.72	3,582	3,116	0.87	0.77
26	20	4,104	3,078	0.75	0.70	4,014	3,011	0.75	0.74	3,906	2,930	0.75	0.79
26	22	4,374	2,756	0.63	0.72	4,284	2,699	0.63	0.76	4,176	2,631	0.63	0.81
27	16	3,564	3,564	1.00	0.67	3,456	3,456	1.00	0.71	3,348	3,348	1.00	0.75
27	18	3,816	3,473	0.91	0.68	3,708	3,374	0.91	0.72	3,582	3,260	0.91	0.77
27	20	4,104	3,242	0.79	0.70	4,014	3,171	0.79	0.74	3,906	3,086	0.79	0.79
27	22	4,374	2,931	0.67	0.72	4,284	2,870	0.67	0.76	4,176	2,798	0.67	0.81
28	16	3,564	3,564	1.00	0.67	3,456	3,456	1.00	0.71	3,348	3,348	1.00	0.75
28	18	3,816	3,625	0.95	0.68	3,708	3,523	0.95	0.72	3,582	3,403	0.95	0.77
28	20	4,104	3,406	0.83	0.70	4,014	3,332	0.83	0.74	3,906	3,242	0.83	0.79
28	22	4,374	3,106	0.71	0.72	4,284	3,042	0.71	0.76	4,176	2,965	0.71	0.81
30	16	3,564	3,564	1.00	0.67	3,456	3,456	1.00	0.71	3,348	3,348	1.00	0.75
30	18	3,816	3,816	1.00	0.68	3,708	3,708	1.00	0.72	3,582	3,582	1.00	0.77
30	20	4,104	3,735	0.91	0.70	4,014	3,653	0.91	0.74	3,906	3,554	0.91	0.79
30	22	4,374	3,455	0.79	0.72	4,284	3,384	0.79	0.76	4,176	3,299	0.79	0.81
32	16	3,564	3,564	1.00	0.67	3,456	3,456	1.00	0.71	3,348	3,348	1.00	0.75
32	18	3,816	3,816	1.00	0.68	3,708	3,708	1.00	0.72	3,582	3,582	1.00	0.77
32	20	4,104	4,063	0.99	0.70	4,014	3,974	0.99	0.74	3,906	3,867	0.99	0.79
32	22	4,374	3,805	0.87	0.72	4,284	3,727	0.87	0.76	4,176	3,633	0.87	0.81
34	16	3,564	3,564	1.00	0.67	3,456	3,456	1.00	0.71	3,348	3,348	1.00	0.75
34	18	3,816	3,816	1.00	0.68	3,708	3,708	1.00	0.72	3,582	3,582	1.00	0.77
34	20	4,104	4,104	1.00	0.70	4,014	4,014	1.00	0.74	3,906	3,906	1.00	0.79
34	22	4,374	4,155	0.95	0.72	4,284	4,070	0.95	0.76	4,176	3,967	0.95	0.81

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,403	0.75	0.80	3,060	2,295	0.75	0.86	2,916	2,187	0.75	0.93
20	18	3,456	2,177	0.63	0.82	3,348	2,109	0.63	0.89	3,132	1,973	0.63	0.95
20	20	3,744	1,909	0.51	0.85	3,600	1,836	0.51	0.90	3,384	1,726	0.51	0.97
22	16	3,204	2,659	0.83	0.80	3,060	2,540	0.83	0.86	2,916	2,420	0.83	0.93
22	18	3,456	2,454	0.71	0.82	3,348	2,377	0.71	0.89	3,132	2,224	0.71	0.95
22	20	3,744	2,209	0.59	0.85	3,600	2,124	0.59	0.90	3,384	1,997	0.59	0.97
24	16	3,204	2,916	0.91	0.80	3,060	2,785	0.91	0.86	2,916	2,654	0.91	0.93
24	18	3,456	2,730	0.79	0.82	3,348	2,645	0.79	0.89	3,132	2,474	0.79	0.95
24	20	3,744	2,508	0.67	0.85	3,600	2,412	0.67	0.90	3,384	2,267	0.67	0.97
24	22	4,032	2,218	0.55	0.86	3,888	2,138	0.55	0.93	3,672	2,020	0.55	0.99
26	16	3,204	3,172	0.99	0.80	3,060	3,029	0.99	0.86	2,916	2,887	0.99	0.93
26	18	3,456	3,007	0.87	0.82	3,348	2,913	0.87	0.89	3,132	2,725	0.87	0.95
26	20	3,744	2,808	0.75	0.85	3,600	2,700	0.75	0.90	3,384	2,538	0.75	0.97
26	22	4,032	2,540	0.63	0.86	3,888	2,449	0.63	0.93	3,672	2,313	0.63	0.99
27	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.86	2,916	2,916	1.00	0.93
27	18	3,456	3,145	0.91	0.82	3,348	3,047	0.91	0.89	3,132	2,850	0.91	0.95
27	20	3,744	2,958	0.79	0.85	3,600	2,844	0.79	0.90	3,384	2,673	0.79	0.97
27	22	4,032	2,701	0.67	0.86	3,888	2,605	0.67	0.93	3,672	2,460	0.67	0.99
28	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.86	2,916	2,916	1.00	0.93
28	18	3,456	3,283	0.95	0.82	3,348	3,181	0.95	0.89	3,132	2,975	0.95	0.95
28	20	3,744	3,108	0.83	0.85	3,600	2,988	0.83	0.90	3,384	2,809	0.83	0.97
28	22	4,032	2,863	0.71	0.86	3,888	2,760	0.71	0.93	3,672	2,607	0.71	0.99
30	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.86	2,916	2,916	1.00	0.93
30	18	3,456	3,456	1.00	0.82	3,348	3,348	1.00	0.89	3,132	3,132	1.00	0.95
30	20	3,744	3,407	0.91	0.85	3,600	3,276	0.91	0.90	3,384	3,079	0.91	0.97
30	22	4,032	3,185	0.79	0.86	3,888	3,072	0.79	0.93	3,672	2,901	0.79	0.99
32	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.86	2,916	2,916	1.00	0.93
32	18	3,456	3,456	1.00	0.82	3,348	3,348	1.00	0.89	3,132	3,132	1.00	0.95
32	20	3,744	3,707	0.99	0.85	3,600	3,564	0.99	0.90	3,384	3,350	0.99	0.97
32	22	4,032	3,508	0.87	0.86	3,888	3,383	0.87	0.93	3,672	3,195	0.87	0.99
34	16	3,204	3,204	1.00	0.80	3,060	3,060	1.00	0.86	2,916	2,916	1.00	0.93
34	18	3,456	3,456	1.00	0.82	3,348	3,348	1.00	0.89	3,132	3,132	1.00	0.95
34	20	3,744	3,744	1.00	0.85	3,600	3,600	1.00	0.90	3,384	3,384	1.00	0.97
34	22	4,032	3,830	0.95	0.86	3,888	3,694	0.95	0.93	3,672	3,488	0.95	0.99

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JA / PUZ-ZM50VKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	0.96	4,800	3,552	0.74	1.01	4,650	3,441	0.74	1.07
20	18	5,300	3,286	0.62	0.98	5,150	3,193	0.62	1.03	4,975	3,085	0.62	1.10
20	20	5,700	2,850	0.50	1.01	5,575	2,788	0.50	1.06	5,425	2,713	0.50	1.13
22	16	4,950	4,059	0.82	0.96	4,800	3,936	0.82	1.01	4,650	3,813	0.82	1.07
22	18	5,300	3,710	0.70	0.98	5,150	3,605	0.70	1.03	4,975	3,483	0.70	1.10
22	20	5,700	3,306	0.58	1.01	5,575	3,234	0.58	1.06	5,425	3,147	0.58	1.13
24	16	4,950	4,455	0.90	0.96	4,800	4,320	0.90	1.01	4,650	4,185	0.90	1.07
24	18	5,300	4,134	0.78	0.98	5,150	4,017	0.78	1.03	4,975	3,881	0.78	1.10
24	20	5,700	3,762	0.66	1.01	5,575	3,680	0.66	1.06	5,425	3,581	0.66	1.13
24	22	6,075	3,281	0.54	1.03	5,950	3,213	0.54	1.09	5,800	3,132	0.54	1.16
26	16	4,950	4,851	0.98	0.96	4,800	4,704	0.98	1.01	4,650	4,557	0.98	1.07
26	18	5,300	4,558	0.86	0.98	5,150	4,429	0.86	1.03	4,975	4,279	0.86	1.10
26	20	5,700	4,218	0.74	1.01	5,575	4,126	0.74	1.06	5,425	4,015	0.74	1.13
26	22	6,075	3,767	0.62	1.03	5,950	3,689	0.62	1.09	5,800	3,596	0.62	1.16
27	16	4,950	4,950	1.00	0.96	4,800	4,800	1.00	1.01	4,650	4,650	1.00	1.07
27	18	5,300	4,770	0.90	0.98	5,150	4,635	0.90	1.03	4,975	4,478	0.90	1.10
27	20	5,700	4,446	0.78	1.01	5,575	4,349	0.78	1.06	5,425	4,232	0.78	1.13
27	22	6,075	4,010	0.66	1.03	5,950	3,927	0.66	1.09	5,800	3,828	0.66	1.16
28	16	4,950	4,950	1.00	0.96	4,800	4,800	1.00	1.01	4,650	4,650	1.00	1.07
28	18	5,300	4,982	0.94	0.98	5,150	4,841	0.94	1.03	4,975	4,677	0.94	1.10
28	20	5,700	4,674	0.82	1.01	5,575	4,572	0.82	1.06	5,425	4,449	0.82	1.13
28	22	6,075	4,253	0.70	1.03	5,950	4,165	0.70	1.09	5,800	4,060	0.70	1.16
30	16	4,950	4,950	1.00	0.96	4,800	4,800	1.00	1.01	4,650	4,650	1.00	1.07
30	18	5,300	5,300	1.00	0.98	5,150	5,150	1.00	1.03	4,975	4,975	1.00	1.10
30	20	5,700	5,130	0.90	1.01	5,575	5,018	0.90	1.06	5,425	4,883	0.90	1.13
30	22	6,075	4,739	0.78	1.03	5,950	4,641	0.78	1.09	5,800	4,524	0.78	1.16
32	16	4,950	4,950	1.00	0.96	4,800	4,800	1.00	1.01	4,650	4,650	1.00	1.07
32	18	5,300	5,300	1.00	0.98	5,150	5,150	1.00	1.03	4,975	4,975	1.00	1.10
32	20	5,700	5,586	0.98	1.01	5,575	5,464	0.98	1.06	5,425	5,317	0.98	1.13
32	22	6,075	5,225	0.86	1.03	5,950	5,117	0.86	1.09	5,800	4,988	0.86	1.16
34	16	4,950	4,950	1.00	0.96	4,800	4,800	1.00	1.01	4,650	4,650	1.00	1.07
34	18	5,300	5,300	1.00	0.98	5,150	5,150	1.00	1.03	4,975	4,975	1.00	1.10
34	20	5,700	5,700	1.00	1.01	5,575	5,575	1.00	1.06	5,425	5,425	1.00	1.13
34	22	6,075	5,711	0.94	1.03	5,950	5,593	0.94	1.09	5,800	5,452	0.94	1.16

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.15	4,250	3,145	0.74	1.24	4,050	2,997	0.74	1.34
20	18	4,800	2,976	0.62	1.18	4,650	2,883	0.62	1.27	4,350	2,697	0.62	1.37
20	20	5,200	2,600	0.50	1.21	5,000	2,500	0.50	1.30	4,700	2,350	0.50	1.39
22	16	4,450	3,649	0.82	1.15	4,250	3,485	0.82	1.24	4,050	3,321	0.82	1.34
22	18	4,800	3,360	0.70	1.18	4,650	3,255	0.70	1.27	4,350	3,045	0.70	1.37
22	20	5,200	3,016	0.58	1.21	5,000	2,900	0.58	1.30	4,700	2,726	0.58	1.39
24	16	4,450	4,005	0.90	1.15	4,250	3,825	0.90	1.24	4,050	3,645	0.90	1.34
24	18	4,800	3,744	0.78	1.18	4,650	3,627	0.78	1.27	4,350	3,393	0.78	1.37
24	20	5,200	3,432	0.66	1.21	5,000	3,300	0.66	1.30	4,700	3,102	0.66	1.39
24	22	5,600	3,024	0.54	1.24	5,400	2,916	0.54	1.33	5,100	2,754	0.54	1.42
26	16	4,450	4,361	0.98	1.15	4,250	4,165	0.98	1.24	4,050	3,969	0.98	1.34
26	18	4,800	4,128	0.86	1.18	4,650	3,999	0.86	1.27	4,350	3,741	0.86	1.37
26	20	5,200	3,848	0.74	1.21	5,000	3,700	0.74	1.30	4,700	3,478	0.74	1.39
26	22	5,600	3,472	0.62	1.24	5,400	3,348	0.62	1.33	5,100	3,162	0.62	1.42
27	16	4,450	4,450	1.00	1.15	4,250	4,250	1.00	1.24	4,050	4,050	1.00	1.34
27	18	4,800	4,320	0.90	1.18	4,650	4,185	0.90	1.27	4,350	3,915	0.90	1.37
27	20	5,200	4,056	0.78	1.21	5,000	3,900	0.78	1.30	4,700	3,666	0.78	1.39
27	22	5,600	3,696	0.66	1.24	5,400	3,564	0.66	1.33	5,100	3,366	0.66	1.42
28	16	4,450	4,450	1.00	1.15	4,250	4,250	1.00	1.24	4,050	4,050	1.00	1.34
28	18	4,800	4,512	0.94	1.18	4,650	4,371	0.94	1.27	4,350	4,089	0.94	1.37
28	20	5,200	4,264	0.82	1.21	5,000	4,100	0.82	1.30	4,700	3,854	0.82	1.39
28	22	5,600	3,920	0.70	1.24	5,400	3,780	0.70	1.33	5,100	3,570	0.70	1.42
30	16	4,450	4,450	1.00	1.15	4,250	4,250	1.00	1.24	4,050	4,050	1.00	1.34
30	18	4,800	4,800	1.00	1.18	4,650	4,650	1.00	1.27	4,350	4,350	1.00	1.37
30	20	5,200	4,680	0.90	1.21	5,000	4,500	0.90	1.30	4,700	4,230	0.90	1.39
30	22	5,600	4,368	0.78	1.24	5,400	4,212	0.78	1.33	5,100	3,978	0.78	1.42
32	16	4,450	4,450	1.00	1.15	4,250	4,250	1.00	1.24	4,050	4,050	1.00	1.34
32	18	4,800	4,800	1.00	1.18	4,650	4,650	1.00	1.27	4,350	4,350	1.00	1.37
32	20	5,200	5,096	0.98	1.21	5,000	4,900	0.98	1.30	4,700	4,606	0.98	1.39
32	22	5,600	4,816	0.86	1.24	5,400	4,644	0.86	1.33	5,100	4,386	0.86	1.42
34	16	4,450	4,450	1.00	1.15	4,250	4,250	1.00	1.24	4,050	4,050	1.00	1.34
34	18	4,800	4,800	1.00	1.18	4,650	4,650	1.00	1.27	4,350	4,350	1.00	1.37
34	20	5,200	5,200	1.00	1.21	5,000	5,000	1.00	1.30	4,700	4,700	1.00	1.39
34	22	5,600	5,264	0.94	1.24	5,400	5,076	0.94	1.33	5,100	4,794	0.94	1.42

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

COOLING CAPACITY
PEAD-M60JA / PUZ-ZM60VHA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,408	0.73	1.21	5,856	4,275	0.73	1.28	5,673	4,141	0.73	1.35
20	18	6,466	3,944	0.61	1.23	6,283	3,833	0.61	1.30	6,070	3,702	0.61	1.39
20	20	6,954	3,407	0.49	1.27	6,802	3,333	0.49	1.33	6,619	3,243	0.49	1.42
22	16	6,039	4,892	0.81	1.21	5,856	4,743	0.81	1.28	5,673	4,595	0.81	1.35
22	18	6,466	4,462	0.69	1.23	6,283	4,335	0.69	1.30	6,070	4,188	0.69	1.39
22	20	6,954	3,964	0.57	1.27	6,802	3,877	0.57	1.33	6,619	3,773	0.57	1.42
24	16	6,039	5,375	0.89	1.21	5,856	5,212	0.89	1.28	5,673	5,049	0.89	1.35
24	18	6,466	4,979	0.77	1.23	6,283	4,838	0.77	1.30	6,070	4,674	0.77	1.39
24	20	6,954	4,520	0.65	1.27	6,802	4,421	0.65	1.33	6,619	4,302	0.65	1.42
24	22	7,412	3,928	0.53	1.30	7,259	3,847	0.53	1.37	7,076	3,750	0.53	1.46
26	16	6,039	5,858	0.97	1.21	5,856	5,680	0.97	1.28	5,673	5,503	0.97	1.35
26	18	6,466	5,496	0.85	1.23	6,283	5,341	0.85	1.30	6,070	5,159	0.85	1.39
26	20	6,954	5,076	0.73	1.27	6,802	4,965	0.73	1.33	6,619	4,832	0.73	1.42
26	22	7,412	4,521	0.61	1.30	7,259	4,428	0.61	1.37	7,076	4,316	0.61	1.46
27	16	6,039	6,039	1.00	1.21	5,856	5,856	1.00	1.28	5,673	5,673	1.00	1.35
27	18	6,466	5,755	0.89	1.23	6,283	5,592	0.89	1.30	6,070	5,402	0.89	1.39
27	20	6,954	5,355	0.77	1.27	6,802	5,237	0.77	1.33	6,619	5,096	0.77	1.42
27	22	7,412	4,817	0.65	1.30	7,259	4,718	0.65	1.37	7,076	4,599	0.65	1.46
28	16	6,039	6,039	1.00	1.21	5,856	5,856	1.00	1.28	5,673	5,673	1.00	1.35
28	18	6,466	6,013	0.93	1.23	6,283	5,843	0.93	1.30	6,070	5,645	0.93	1.39
28	20	6,954	5,633	0.81	1.27	6,802	5,509	0.81	1.33	6,619	5,361	0.81	1.42
28	22	7,412	5,114	0.69	1.30	7,259	5,009	0.69	1.37	7,076	4,882	0.69	1.46
30	16	6,039	6,039	1.00	1.21	5,856	5,856	1.00	1.28	5,673	5,673	1.00	1.35
30	18	6,466	6,466	1.00	1.23	6,283	6,283	1.00	1.30	6,070	6,070	1.00	1.39
30	20	6,954	6,189	0.89	1.27	6,802	6,053	0.89	1.33	6,619	5,890	0.89	1.42
30	22	7,412	5,707	0.77	1.30	7,259	5,589	0.77	1.37	7,076	5,449	0.77	1.46
32	16	6,039	6,039	1.00	1.21	5,856	5,856	1.00	1.28	5,673	5,673	1.00	1.35
32	18	6,466	6,466	1.00	1.23	6,283	6,283	1.00	1.30	6,070	6,070	1.00	1.39
32	20	6,954	6,745	0.97	1.27	6,802	6,597	0.97	1.33	6,619	6,420	0.97	1.42
32	22	7,412	6,300	0.85	1.30	7,259	6,170	0.85	1.37	7,076	6,015	0.85	1.46
34	16	6,039	6,039	1.00	1.21	5,856	5,856	1.00	1.28	5,673	5,673	1.00	1.35
34	18	6,466	6,466	1.00	1.23	6,283	6,283	1.00	1.30	6,070	6,070	1.00	1.39
34	20	6,954	6,954	1.00	1.27	6,802	6,802	1.00	1.33	6,619	6,619	1.00	1.42
34	22	7,412	6,893	0.93	1.30	7,259	6,751	0.93	1.37	7,076	6,581	0.93	1.46

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,963	0.73	1.45	5,185	3,785	0.73	1.55	4,941	3,607	0.73	1.68
20	18	5,856	3,572	0.61	1.49	5,673	3,461	0.61	1.60	5,307	3,237	0.61	1.72
20	20	6,344	3,109	0.49	1.52	6,100	2,989	0.49	1.63	5,734	2,810	0.49	1.75
22	16	5,429	4,397	0.81	1.45	5,185	4,200	0.81	1.55	4,941	4,002	0.81	1.68
22	18	5,856	4,041	0.69	1.49	5,673	3,914	0.69	1.60	5,307	3,662	0.69	1.72
22	20	6,344	3,616	0.57	1.52	6,100	3,477	0.57	1.63	5,734	3,268	0.57	1.75
24	16	5,429	4,832	0.89	1.45	5,185	4,615	0.89	1.55	4,941	4,397	0.89	1.68
24	18	5,856	4,509	0.77	1.49	5,673	4,368	0.77	1.60	5,307	4,086	0.77	1.72
24	20	6,344	4,124	0.65	1.52	6,100	3,965	0.65	1.63	5,734	3,727	0.65	1.75
24	22	6,832	3,621	0.53	1.55	6,588	3,492	0.53	1.67	6,222	3,298	0.53	1.78
26	16	5,429	5,266	0.97	1.45	5,185	5,029	0.97	1.55	4,941	4,793	0.97	1.68
26	18	5,856	4,978	0.85	1.49	5,673	4,822	0.85	1.60	5,307	4,511	0.85	1.72
26	20	6,344	4,631	0.73	1.52	6,100	4,453	0.73	1.63	5,734	4,186	0.73	1.75
26	22	6,832	4,168	0.61	1.55	6,588	4,019	0.61	1.67	6,222	3,795	0.61	1.78
27	16	5,429	5,429	1.00	1.45	5,185	5,185	1.00	1.55	4,941	4,941	1.00	1.68
27	18	5,856	5,212	0.89	1.49	5,673	5,049	0.89	1.60	5,307	4,723	0.89	1.72
27	20	6,344	4,885	0.77	1.52	6,100	4,697	0.77	1.63	5,734	4,415	0.77	1.75
27	22	6,832	4,441	0.65	1.55	6,588	4,282	0.65	1.67	6,222	4,044	0.65	1.78
28	16	5,429	5,429	1.00	1.45	5,185	5,185	1.00	1.55	4,941	4,941	1.00	1.68
28	18	5,856	5,446	0.93	1.49	5,673	5,276	0.93	1.60	5,307	4,936	0.93	1.72
28	20	6,344	5,139	0.81	1.52	6,100	4,941	0.81	1.63	5,734	4,645	0.81	1.75
28	22	6,832	4,714	0.69	1.55	6,588	4,546	0.69	1.67	6,222	4,293	0.69	1.78
30	16	5,429	5,429	1.00	1.45	5,185	5,185	1.00	1.55	4,941	4,941	1.00	1.68
30	18	5,856	5,856	1.00	1.49	5,673	5,673	1.00	1.60	5,307	5,307	1.00	1.72
30	20	6,344	5,646	0.89	1.52	6,100	5,429	0.89	1.63	5,734	5,103	0.89	1.75
30	22	6,832	5,261	0.77	1.55	6,588	5,073	0.77	1.67	6,222	4,791	0.77	1.78
32	16	5,429	5,429	1.00	1.45	5,185	5,185	1.00	1.55	4,941	4,941	1.00	1.68
32	18	5,856	5,856	1.00	1.49	5,673	5,673	1.00	1.60	5,307	5,307	1.00	1.72
32	20	6,344	6,154	0.97	1.52	6,100	5,917	0.97	1.63	5,734	5,562	0.97	1.75
32	22	6,832	5,807	0.85	1.55	6,588	5,600	0.85	1.67	6,222	5,289	0.85	1.78
34	16	5,429	5,429	1.00	1.45	5,185	5,185	1.00	1.55	4,941	4,941	1.00	1.68
34	18	5,856	5,856	1.00	1.49	5,673	5,673	1.00	1.60	5,307	5,307	1.00	1.72
34	20	6,344	6,344	1.00	1.52	6,100	6,100	1.00	1.63	5,734	5,734	1.00	1.75
34	22	6,832	6,354	0.93	1.55	6,588	6,127	0.93	1.67	6,222	5,786	0.93	1.78

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JA / PUZ-ZM71VHA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,131	0.73	1.49	6,816	4,976	0.73	1.57	6,603	4,820	0.73	1.66
20	18	7,526	4,591	0.61	1.51	7,313	4,461	0.61	1.60	7,065	4,309	0.61	1.71
20	20	8,094	3,966	0.49	1.56	7,917	3,879	0.49	1.64	7,704	3,775	0.49	1.75
22	16	7,029	5,693	0.81	1.49	6,816	5,521	0.81	1.57	6,603	5,348	0.81	1.66
22	18	7,526	5,193	0.69	1.51	7,313	5,046	0.69	1.60	7,065	4,875	0.69	1.71
22	20	8,094	4,614	0.57	1.56	7,917	4,512	0.57	1.64	7,704	4,391	0.57	1.75
24	16	7,029	6,256	0.89	1.49	6,816	6,066	0.89	1.57	6,603	5,877	0.89	1.66
24	18	7,526	5,795	0.77	1.51	7,313	5,631	0.77	1.60	7,065	5,440	0.77	1.71
24	20	8,094	5,261	0.65	1.56	7,917	5,146	0.65	1.64	7,704	5,007	0.65	1.75
24	22	8,627	4,572	0.53	1.60	8,449	4,478	0.53	1.69	8,236	4,365	0.53	1.80
26	16	7,029	6,818	0.97	1.49	6,816	6,612	0.97	1.57	6,603	6,405	0.97	1.66
26	18	7,526	6,397	0.85	1.51	7,313	6,216	0.85	1.60	7,065	6,005	0.85	1.71
26	20	8,094	5,909	0.73	1.56	7,917	5,779	0.73	1.64	7,704	5,624	0.73	1.75
26	22	8,627	5,262	0.61	1.60	8,449	5,154	0.61	1.69	8,236	5,024	0.61	1.80
27	16	7,029	7,029	1.00	1.49	6,816	6,816	1.00	1.57	6,603	6,603	1.00	1.66
27	18	7,526	6,698	0.89	1.51	7,313	6,509	0.89	1.60	7,065	6,287	0.89	1.71
27	20	8,094	6,232	0.77	1.56	7,917	6,096	0.77	1.64	7,704	5,932	0.77	1.75
27	22	8,627	5,607	0.65	1.60	8,449	5,492	0.65	1.69	8,236	5,353	0.65	1.80
28	16	7,029	7,029	1.00	1.49	6,816	6,816	1.00	1.57	6,603	6,603	1.00	1.66
28	18	7,526	6,999	0.93	1.51	7,313	6,801	0.93	1.60	7,065	6,570	0.93	1.71
28	20	8,094	6,556	0.81	1.56	7,917	6,412	0.81	1.64	7,704	6,240	0.81	1.75
28	22	8,627	5,952	0.69	1.60	8,449	5,830	0.69	1.69	8,236	5,683	0.69	1.80
30	16	7,029	7,029	1.00	1.49	6,816	6,816	1.00	1.57	6,603	6,603	1.00	1.66
30	18	7,526	7,526	1.00	1.51	7,313	7,313	1.00	1.60	7,065	7,065	1.00	1.71
30	20	8,094	7,204	0.89	1.56	7,917	7,046	0.89	1.64	7,704	6,856	0.89	1.75
30	22	8,627	6,642	0.77	1.60	8,449	6,506	0.77	1.69	8,236	6,342	0.77	1.80
32	16	7,029	7,029	1.00	1.49	6,816	6,816	1.00	1.57	6,603	6,603	1.00	1.66
32	18	7,526	7,526	1.00	1.51	7,313	7,313	1.00	1.60	7,065	7,065	1.00	1.71
32	20	8,094	7,851	0.97	1.56	7,917	7,679	0.97	1.64	7,704	7,472	0.97	1.75
32	22	8,627	7,333	0.85	1.60	8,449	7,182	0.85	1.69	8,236	7,001	0.85	1.80
34	16	7,029	7,029	1.00	1.49	6,816	6,816	1.00	1.57	6,603	6,603	1.00	1.66
34	18	7,526	7,526	1.00	1.51	7,313	7,313	1.00	1.60	7,065	7,065	1.00	1.71
34	20	8,094	8,094	1.00	1.56	7,917	7,917	1.00	1.64	7,704	7,704	1.00	1.75
34	22	8,627	8,023	0.93	1.60	8,449	7,858	0.93	1.69	8,236	7,659	0.93	1.80

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,613	0.73	1.78	6,035	4,406	0.73	1.91	5,751	4,198	0.73	2.07
20	18	6,816	4,158	0.61	1.83	6,603	4,028	0.61	1.97	6,177	3,768	0.61	2.12
20	20	7,384	3,618	0.49	1.88	7,100	3,479	0.49	2.01	6,674	3,270	0.49	2.16
22	16	6,319	5,118	0.81	1.78	6,035	4,888	0.81	1.91	5,751	4,658	0.81	2.07
22	18	6,816	4,703	0.69	1.83	6,603	4,556	0.69	1.97	6,177	4,262	0.69	2.12
22	20	7,384	4,209	0.57	1.88	7,100	4,047	0.57	2.01	6,674	3,804	0.57	2.16
24	16	6,319	5,624	0.89	1.78	6,035	5,371	0.89	1.91	5,751	5,118	0.89	2.07
24	18	6,816	5,248	0.77	1.83	6,603	5,084	0.77	1.97	6,177	4,756	0.77	2.12
24	20	7,384	4,800	0.65	1.88	7,100	4,615	0.65	2.01	6,674	4,338	0.65	2.16
24	22	7,952	4,215	0.53	1.91	7,668	4,064	0.53	2.06	7,242	3,838	0.53	2.19
26	16	6,319	6,129	0.97	1.78	6,035	5,854	0.97	1.91	5,751	5,578	0.97	2.07
26	18	6,816	5,794	0.85	1.83	6,603	5,613	0.85	1.97	6,177	5,250	0.85	2.12
26	20	7,384	5,390	0.73	1.88	7,100	5,183	0.73	2.01	6,674	4,872	0.73	2.16
26	22	7,952	4,851	0.61	1.91	7,668	4,677	0.61	2.06	7,242	4,418	0.61	2.19
27	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.07
27	18	6,816	6,066	0.89	1.83	6,603	5,877	0.89	1.97	6,177	5,498	0.89	2.12
27	20	7,384	5,686	0.77	1.88	7,100	5,467	0.77	2.01	6,674	5,139	0.77	2.16
27	22	7,952	5,169	0.65	1.91	7,668	4,984	0.65	2.06	7,242	4,707	0.65	2.19
28	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.07
28	18	6,816	6,339	0.93	1.83	6,603	6,141	0.93	1.97	6,177	5,745	0.93	2.12
28	20	7,384	5,981	0.81	1.88	7,100	5,751	0.81	2.01	6,674	5,406	0.81	2.16
28	22	7,952	5,487	0.69	1.91	7,668	5,291	0.69	2.06	7,242	4,997	0.69	2.19
30	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.07
30	18	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.97	6,177	6,177	1.00	2.12
30	20	7,384	6,572	0.89	1.88	7,100	6,319	0.89	2.01	6,674	5,940	0.89	2.16
30	22	7,952	6,123	0.77	1.91	7,668	5,904	0.77	2.06	7,242	5,576	0.77	2.19
32	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.07
32	18	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.97	6,177	6,177	1.00	2.12
32	20	7,384	7,162	0.97	1.88	7,100	6,887	0.97	2.01	6,674	6,474	0.97	2.16
32	22	7,952	6,759	0.85	1.91	7,668	6,518	0.85	2.06	7,242	6,156	0.85	2.19
34	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.07
34	18	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.97	6,177	6,177	1.00	2.12
34	20	7,384	7,384	1.00	1.88	7,100	7,100	1.00	2.01	6,674	6,674	1.00	2.16
34	22	7,952	7,395	0.93	1.91	7,668	7,131	0.93	2.06	7,242	6,735	0.93	2.19

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-M100JA / PUZ-ZM100VKA PUZ-ZM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	1.82	9,120	6,566	0.72	1.92	8,835	6,361	0.72	2.03
20	18	10,070	6,042	0.60	1.85	9,785	5,871	0.60	1.95	9,453	5,672	0.60	2.09
20	20	10,830	5,198	0.48	1.91	10,593	5,084	0.48	2.00	10,308	4,948	0.48	2.14
22	16	9,405	7,524	0.80	1.82	9,120	7,296	0.80	1.92	8,835	7,068	0.80	2.03
22	18	10,070	6,848	0.68	1.85	9,785	6,654	0.68	1.95	9,453	6,428	0.68	2.09
22	20	10,830	6,065	0.56	1.91	10,593	5,932	0.56	2.00	10,308	5,772	0.56	2.14
24	16	9,405	8,276	0.88	1.82	9,120	8,026	0.88	1.92	8,835	7,775	0.88	2.03
24	18	10,070	7,653	0.76	1.85	9,785	7,437	0.76	1.95	9,453	7,184	0.76	2.09
24	20	10,830	6,931	0.64	1.91	10,593	6,779	0.64	2.00	10,308	6,597	0.64	2.14
24	22	11,543	6,002	0.52	1.95	11,305	5,879	0.52	2.07	11,020	5,730	0.52	2.20
26	16	9,405	9,029	0.96	1.82	9,120	8,755	0.96	1.92	8,835	8,482	0.96	2.03
26	18	10,070	8,459	0.84	1.85	9,785	8,219	0.84	1.95	9,453	7,940	0.84	2.09
26	20	10,830	7,798	0.72	1.91	10,593	7,627	0.72	2.00	10,308	7,421	0.72	2.14
26	22	11,543	6,926	0.60	1.95	11,305	6,783	0.60	2.07	11,020	6,612	0.60	2.20
27	16	9,405	9,405	1.00	1.82	9,120	9,120	1.00	1.92	8,835	8,835	1.00	2.03
27	18	10,070	8,862	0.88	1.85	9,785	8,611	0.88	1.95	9,453	8,318	0.88	2.09
27	20	10,830	8,231	0.76	1.91	10,593	8,050	0.76	2.00	10,308	7,834	0.76	2.14
27	22	11,543	7,387	0.64	1.95	11,305	7,235	0.64	2.07	11,020	7,053	0.64	2.20
28	16	9,405	9,405	1.00	1.82	9,120	9,120	1.00	1.92	8,835	8,835	1.00	2.03
28	18	10,070	9,264	0.92	1.85	9,785	9,002	0.92	1.95	9,453	8,696	0.92	2.09
28	20	10,830	8,664	0.80	1.91	10,593	8,474	0.80	2.00	10,308	8,246	0.80	2.14
28	22	11,543	7,849	0.68	1.95	11,305	7,687	0.68	2.07	11,020	7,494	0.68	2.20
30	16	9,405	9,405	1.00	1.82	9,120	9,120	1.00	1.92	8,835	8,835	1.00	2.03
30	18	10,070	10,070	1.00	1.85	9,785	9,785	1.00	1.95	9,453	9,453	1.00	2.09
30	20	10,830	9,530	0.88	1.91	10,593	9,321	0.88	2.00	10,308	9,071	0.88	2.14
30	22	11,543	8,772	0.76	1.95	11,305	8,592	0.76	2.07	11,020	8,375	0.76	2.20
32	16	9,405	9,405	1.00	1.82	9,120	9,120	1.00	1.92	8,835	8,835	1.00	2.03
32	18	10,070	10,070	1.00	1.85	9,785	9,785	1.00	1.95	9,453	9,453	1.00	2.09
32	20	10,830	10,397	0.96	1.91	10,593	10,169	0.96	2.00	10,308	9,895	0.96	2.14
32	22	11,543	9,696	0.84	1.95	11,305	9,496	0.84	2.07	11,020	9,257	0.84	2.20
34	16	9,405	9,405	1.00	1.82	9,120	9,120	1.00	1.92	8,835	8,835	1.00	2.03
34	18	10,070	10,070	1.00	1.85	9,785	9,785	1.00	1.95	9,453	9,453	1.00	2.09
34	20	10,830	10,830	1.00	1.91	10,593	10,593	1.00	2.00	10,308	10,308	1.00	2.14
34	22	11,543	10,619	0.92	1.95	11,305	10,401	0.92	2.07	11,020	10,138	0.92	2.20

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.18	8,075	5,814	0.72	2.34	7,695	5,540	0.72	2.53
20	18	9,120	5,472	0.60	2.24	8,835	5,301	0.60	2.41	8,265	4,959	0.60	2.59
20	20	9,880	4,742	0.48	2.29	9,500	4,560	0.48	2.45	8,930	4,286	0.48	2.64
22	16	8,455	6,764	0.80	2.18	8,075	6,460	0.80	2.34	7,695	6,156	0.80	2.53
22	18	9,120	6,202	0.68	2.24	8,835	6,008	0.68	2.41	8,265	5,620	0.68	2.59
22	20	9,880	5,533	0.56	2.29	9,500	5,320	0.56	2.45	8,930	5,001	0.56	2.64
24	16	8,455	7,440	0.88	2.18	8,075	7,106	0.88	2.34	7,695	6,772	0.88	2.53
24	18	9,120	6,931	0.76	2.24	8,835	6,715	0.76	2.41	8,265	6,281	0.76	2.59
24	20	9,880	6,323	0.64	2.29	9,500	6,080	0.64	2.45	8,930	5,715	0.64	2.64
24	22	10,640	5,533	0.52	2.34	10,260	5,335	0.52	2.52	9,690	5,039	0.52	2.68
26	16	8,455	8,117	0.96	2.18	8,075	7,752	0.96	2.34	7,695	7,387	0.96	2.53
26	18	9,120	7,661	0.84	2.24	8,835	7,421	0.84	2.41	8,265	6,943	0.84	2.59
26	20	9,880	7,114	0.72	2.29	9,500	6,840	0.72	2.45	8,930	6,430	0.72	2.64
26	22	10,640	6,384	0.60	2.34	10,260	6,156	0.60	2.52	9,690	5,814	0.60	2.68
27	16	8,455	8,455	1.00	2.18	8,075	8,075	1.00	2.34	7,695	7,695	1.00	2.53
27	18	9,120	8,026	0.88	2.24	8,835	7,775	0.88	2.41	8,265	7,273	0.88	2.59
27	20	9,880	7,509	0.76	2.29	9,500	7,220	0.76	2.45	8,930	6,787	0.76	2.64
27	22	10,640	6,810	0.64	2.34	10,260	6,566	0.64	2.52	9,690	6,202	0.64	2.68
28	16	8,455	8,455	1.00	2.18	8,075	8,075	1.00	2.34	7,695	7,695	1.00	2.53
28	18	9,120	8,390	0.92	2.24	8,835	8,128	0.92	2.41	8,265	7,604	0.92	2.59
28	20	9,880	7,904	0.80	2.29	9,500	7,600	0.80	2.45	8,930	7,144	0.80	2.64
28	22	10,640	7,235	0.68	2.34	10,260	6,977	0.68	2.52	9,690	6,589	0.68	2.68
30	16	8,455	8,455	1.00	2.18	8,075	8,075	1.00	2.34	7,695	7,695	1.00	2.53
30	18	9,120	9,120	1.00	2.24	8,835	8,835	1.00	2.41	8,265	8,265	1.00	2.59
30	20	9,880	8,694	0.88	2.29	9,500	8,360	0.88	2.45	8,930	7,858	0.88	2.64
30	22	10,640	8,086	0.76	2.34	10,260	7,798	0.76	2.52	9,690	7,364	0.76	2.68
32	16	8,455	8,455	1.00	2.18	8,075	8,075	1.00	2.34	7,695	7,695	1.00	2.53
32	18	9,120	9,120	1.00	2.24	8,835	8,835	1.00	2.41	8,265	8,265	1.00	2.59
32	20	9,880	9,485	0.96	2.29	9,500	9,120	0.96	2.45	8,930	8,573	0.96	2.64
32	22	10,640	8,938	0.84	2.34	10,260	8,618	0.84	2.52	9,690	8,140	0.84	2.68
34	16	8,455	8,455	1.00	2.18	8,075	8,075	1.00	2.34	7,695	7,695	1.00	2.53
34	18	9,120	9,120	1.00	2.24	8,835	8,835	1.00	2.41	8,265	8,265	1.00	2.59
34	20	9,880	9,880	1.00	2.29	9,500	9,500	1.00	2.45	8,930	8,930	1.00	2.64
34	22	10,640	9,789	0.92	2.34	10,260	9,439	0.92	2.52	9,690	8,915	0.92	2.68

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

COOLING CAPACITY

PEAD-M125JA / PUZ-ZM125VKA PUZ-ZM125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	2.67	12,000	8,880	0.74	2.82	11,625	8,603	0.74	2.98
20	18	13,250	8,215	0.62	2.72	12,875	7,983	0.62	2.87	12,438	7,711	0.62	3.07
20	20	14,250	7,125	0.50	2.80	13,938	6,969	0.50	2.93	13,563	6,781	0.50	3.13
22	16	12,375	10,148	0.82	2.67	12,000	9,840	0.82	2.82	11,625	9,533	0.82	2.98
22	18	13,250	9,275	0.70	2.72	12,875	9,013	0.70	2.87	12,438	8,706	0.70	3.07
22	20	14,250	8,265	0.58	2.80	13,938	8,084	0.58	2.93	13,563	7,866	0.58	3.13
24	16	12,375	11,138	0.90	2.67	12,000	10,800	0.90	2.82	11,625	10,463	0.90	2.98
24	18	13,250	10,335	0.78	2.72	12,875	10,043	0.78	2.87	12,438	9,701	0.78	3.07
24	20	14,250	9,405	0.66	2.80	13,938	9,199	0.66	2.93	13,563	8,951	0.66	3.13
24	22	15,188	8,201	0.54	2.87	14,875	8,033	0.54	3.03	14,500	7,830	0.54	3.23
26	16	12,375	12,128	0.98	2.67	12,000	11,760	0.98	2.82	11,625	11,393	0.98	2.98
26	18	13,250	11,395	0.86	2.72	12,875	11,073	0.86	2.87	12,438	10,696	0.86	3.07
26	20	14,250	10,545	0.74	2.80	13,938	10,314	0.74	2.93	13,563	10,036	0.74	3.13
26	22	15,188	9,416	0.62	2.87	14,875	9,223	0.62	3.03	14,500	8,990	0.62	3.23
27	16	12,375	12,375	1.00	2.67	12,000	12,000	1.00	2.82	11,625	11,625	1.00	2.98
27	18	13,250	11,925	0.90	2.72	12,875	11,588	0.90	2.87	12,438	11,194	0.90	3.07
27	20	14,250	11,115	0.78	2.80	13,938	10,871	0.78	2.93	13,563	10,579	0.78	3.13
27	22	15,188	10,024	0.66	2.87	14,875	9,818	0.66	3.03	14,500	9,570	0.66	3.23
28	16	12,375	12,375	1.00	2.67	12,000	12,000	1.00	2.82	11,625	11,625	1.00	2.98
28	18	13,250	12,455	0.94	2.72	12,875	12,103	0.94	2.87	12,438	11,691	0.94	3.07
28	20	14,250	11,685	0.82	2.80	13,938	11,429	0.82	2.93	13,563	11,121	0.82	3.13
28	22	15,188	10,631	0.70	2.87	14,875	10,413	0.70	3.03	14,500	10,150	0.70	3.23
30	16	12,375	12,375	1.00	2.67	12,000	12,000	1.00	2.82	11,625	11,625	1.00	2.98
30	18	13,250	13,250	1.00	2.72	12,875	12,875	1.00	2.87	12,438	12,438	1.00	3.07
30	20	14,250	12,825	0.90	2.80	13,938	12,544	0.90	2.93	13,563	12,206	0.90	3.13
30	22	15,188	11,846	0.78	2.87	14,875	11,603	0.78	3.03	14,500	11,310	0.78	3.23
32	16	12,375	12,375	1.00	2.67	12,000	12,000	1.00	2.82	11,625	11,625	1.00	2.98
32	18	13,250	13,250	1.00	2.72	12,875	12,875	1.00	2.87	12,438	12,438	1.00	3.07
32	20	14,250	13,965	0.98	2.80	13,938	13,659	0.98	2.93	13,563	13,291	0.98	3.13
32	22	15,188	13,061	0.86	2.87	14,875	12,793	0.86	3.03	14,500	12,470	0.86	3.23
34	16	12,375	12,375	1.00	2.67	12,000	12,000	1.00	2.82	11,625	11,625	1.00	2.98
34	18	13,250	13,250	1.00	2.72	12,875	12,875	1.00	2.87	12,438	12,438	1.00	3.07
34	20	14,250	14,250	1.00	2.80	13,938	13,938	1.00	2.93	13,563	13,563	1.00	3.13
34	22	15,188	14,276	0.94	2.87	14,875	13,983	0.94	3.03	14,500	13,630	0.94	3.23

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.20	10,625	7,863	0.74	3.43	10,125	7,493	0.74	3.72
20	18	12,000	7,440	0.62	3.28	11,625	7,208	0.62	3.53	10,875	6,743	0.62	3.80
20	20	13,000	6,500	0.50	3.37	12,500	6,250	0.50	3.60	11,750	5,875	0.50	3.87
22	16	11,125	9,123	0.82	3.20	10,625	8,713	0.82	3.43	10,125	8,303	0.82	3.72
22	18	12,000	8,400	0.70	3.28	11,625	8,138	0.70	3.53	10,875	7,613	0.70	3.80
22	20	13,000	7,540	0.58	3.37	12,500	7,250	0.58	3.60	11,750	6,815	0.58	3.87
24	16	11,125	10,013	0.90	3.20	10,625	9,563	0.90	3.43	10,125	9,113	0.90	3.72
24	18	12,000	9,360	0.78	3.28	11,625	9,068	0.78	3.53	10,875	8,483	0.78	3.80
24	20	13,000	8,580	0.66	3.37	12,500	8,250	0.66	3.60	11,750	7,755	0.66	3.87
24	22	14,000	7,560	0.54	3.43	13,500	7,290	0.54	3.70	12,750	6,885	0.54	3.93
26	16	11,125	10,903	0.98	3.20	10,625	10,413	0.98	3.43	10,125	9,923	0.98	3.72
26	18	12,000	10,320	0.86	3.28	11,625	9,998	0.86	3.53	10,875	9,353	0.86	3.80
26	20	13,000	9,620	0.74	3.37	12,500	9,250	0.74	3.60	11,750	8,695	0.74	3.87
26	22	14,000	8,680	0.62	3.43	13,500	8,370	0.62	3.70	12,750	7,905	0.62	3.93
27	16	11,125	11,125	1.00	3.20	10,625	10,625	1.00	3.43	10,125	10,125	1.00	3.72
27	18	12,000	10,800	0.90	3.28	11,625	10,463	0.90	3.53	10,875	9,788	0.90	3.80
27	20	13,000	10,140	0.78	3.37	12,500	9,750	0.78	3.60	11,750	9,165	0.78	3.87
27	22	14,000	9,240	0.66	3.43	13,500	8,910	0.66	3.70	12,750	8,415	0.66	3.93
28	16	11,125	11,125	1.00	3.20	10,625	10,625	1.00	3.43	10,125	10,125	1.00	3.72
28	18	12,000	11,280	0.94	3.28	11,625	10,928	0.94	3.53	10,875	10,223	0.94	3.80
28	20	13,000	10,660	0.82	3.37	12,500	10,250	0.82	3.60	11,750	9,635	0.82	3.87
28	22	14,000	9,800	0.70	3.43	13,500	9,450	0.70	3.70	12,750	8,925	0.70	3.93
30	16	11,125	11,125	1.00	3.20	10,625	10,625	1.00	3.43	10,125	10,125	1.00	3.72
30	18	12,000	12,000	1.00	3.28	11,625	11,625	1.00	3.53	10,875	10,875	1.00	3.80
30	20	13,000	11,700	0.90	3.37	12,500	11,250	0.90	3.60	11,750	10,575	0.90	3.87
30	22	14,000	10,920	0.78	3.43	13,500	10,530	0.78	3.70	12,750	9,945	0.78	3.93
32	16	11,125	11,125	1.00	3.20	10,625	10,625	1.00	3.43	10,125	10,125	1.00	3.72
32	18	12,000	12,000	1.00	3.28	11,625	11,625	1.00	3.53	10,875	10,875	1.00	3.80
32	20	13,000	12,740	0.98	3.37	12,500	12,250	0.98	3.60	11,750	11,515	0.98	3.87
32	22	14,000	12,040	0.86	3.43	13,500	11,610	0.86	3.70	12,750	10,965	0.86	3.93
34	16	11,125	11,125	1.00	3.20	10,625	10,625	1.00	3.43	10,125	10,125	1.00	3.72
34	18	12,000	12,000	1.00	3.28	11,625	11,625	1.00	3.53	10,875	10,875	1.00	3.80
34	20	13,000	13,000	1.00	3.37	12,500	12,500	1.00	3.60	11,750	11,750	1.00	3.87
34	22	14,000	13,160	0.94	3.43	13,500	12,690	0.94	3.70	12,750	11,985	0.94	3.93

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M140JA / PUZ-ZM140VKA PUZ-ZM140YKA

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	2.90	12,864	9,519	0.74	3.07	12,462	9,222	0.74	3.25
20	18	14,204	8,806	0.62	2.96	13,802	8,557	0.62	3.12	13,333	8,266	0.62	3.34
20	20	15,276	7,638	0.50	3.05	14,941	7,471	0.50	3.20	14,539	7,270	0.50	3.41
22	16	13,266	10,878	0.82	2.90	12,864	10,548	0.82	3.07	12,462	10,219	0.82	3.25
22	18	14,204	9,943	0.70	2.96	13,802	9,661	0.70	3.12	13,333	9,333	0.70	3.34
22	20	15,276	8,860	0.58	3.05	14,941	8,666	0.58	3.20	14,539	8,433	0.58	3.41
24	16	13,266	11,939	0.90	2.90	12,864	11,578	0.90	3.07	12,462	11,216	0.90	3.25
24	18	14,204	11,079	0.78	2.96	13,802	10,766	0.78	3.12	13,333	10,400	0.78	3.34
24	20	15,276	10,082	0.66	3.05	14,941	9,861	0.66	3.20	14,539	9,596	0.66	3.41
24	22	16,281	8,792	0.54	3.12	15,946	8,611	0.54	3.30	15,544	8,394	0.54	3.52
26	16	13,266	13,001	0.98	2.90	12,864	12,607	0.98	3.07	12,462	12,213	0.98	3.25
26	18	14,204	12,215	0.86	2.96	13,802	11,870	0.86	3.12	13,333	11,466	0.86	3.34
26	20	15,276	11,304	0.74	3.05	14,941	11,056	0.74	3.20	14,539	10,759	0.74	3.41
26	22	16,281	10,094	0.62	3.12	15,946	9,887	0.62	3.30	15,544	9,637	0.62	3.52
27	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
27	18	14,204	12,784	0.90	2.96	13,802	12,422	0.90	3.12	13,333	12,000	0.90	3.34
27	20	15,276	11,915	0.78	3.05	14,941	11,654	0.78	3.20	14,539	11,340	0.78	3.41
27	22	16,281	10,745	0.66	3.12	15,946	10,524	0.66	3.30	15,544	10,259	0.66	3.52
28	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
28	18	14,204	13,352	0.94	2.96	13,802	12,974	0.94	3.12	13,333	12,533	0.94	3.34
28	20	15,276	12,526	0.82	3.05	14,941	12,252	0.82	3.20	14,539	11,922	0.82	3.41
28	22	16,281	11,397	0.70	3.12	15,946	11,162	0.70	3.30	15,544	10,881	0.70	3.52
30	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
30	18	14,204	14,204	1.00	2.96	13,802	13,802	1.00	3.12	13,333	13,333	1.00	3.34
30	20	15,276	13,748	0.90	3.05	14,941	13,447	0.90	3.20	14,539	13,085	0.90	3.41
30	22	16,281	12,699	0.78	3.12	15,946	12,438	0.78	3.30	15,544	12,124	0.78	3.52
32	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
32	18	14,204	14,204	1.00	2.96	13,802	13,802	1.00	3.12	13,333	13,333	1.00	3.34
32	20	15,276	14,970	0.98	3.05	14,941	14,642	0.98	3.20	14,539	14,248	0.98	3.41
32	22	16,281	14,002	0.86	3.12	15,946	13,714	0.86	3.30	15,544	13,368	0.86	3.52
34	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
34	18	14,204	14,204	1.00	2.96	13,802	13,802	1.00	3.12	13,333	13,333	1.00	3.34
34	20	15,276	15,276	1.00	3.05	14,941	14,941	1.00	3.20	14,539	14,539	1.00	3.41
34	22	16,281	15,304	0.94	3.12	15,946	14,989	0.94	3.30	15,544	14,611	0.94	3.52

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	3.49	11,390	8,429	0.74	3.74	10,854	8,032	0.74	4.05
20	18	12,864	7,976	0.62	3.58	12,462	7,726	0.62	3.85	11,658	7,228	0.62	4.14
20	20	13,936	6,968	0.50	3.67	13,400	6,700	0.50	3.92	12,596	6,298	0.50	4.21
22	16	11,926	9,779	0.82	3.49	11,390	9,340	0.82	3.74	10,854	8,900	0.82	4.05
22	18	12,864	9,005	0.70	3.58	12,462	8,723	0.70	3.85	11,658	8,161	0.70	4.14
22	20	13,936	8,083	0.58	3.67	13,400	7,772	0.58	3.92	12,596	7,306	0.58	4.21
24	16	11,926	10,733	0.90	3.49	11,390	10,251	0.90	3.74	10,854	9,769	0.90	4.05
24	18	12,864	10,034	0.78	3.58	12,462	9,720	0.78	3.85	11,658	9,093	0.78	4.14
24	20	13,936	9,198	0.66	3.67	13,400	8,844	0.66	3.92	12,596	8,313	0.66	4.21
24	22	15,008	8,104	0.54	3.74	14,472	7,815	0.54	4.03	13,668	7,381	0.54	4.28
26	16	11,926	11,687	0.98	3.49	11,390	11,162	0.98	3.74	10,854	10,637	0.98	4.05
26	18	12,864	11,063	0.86	3.58	12,462	10,717	0.86	3.85	11,658	10,026	0.86	4.14
26	20	13,936	10,313	0.74	3.67	13,400	9,916	0.74	3.92	12,596	9,321	0.74	4.21
26	22	15,008	9,305	0.62	3.74	14,472	8,973	0.62	4.03	13,668	8,474	0.62	4.28
27	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
27	18	12,864	11,578	0.90	3.58	12,462	11,216	0.90	3.85	11,658	10,492	0.90	4.14
27	20	13,936	10,870	0.78	3.67	13,400	10,452	0.78	3.92	12,596	9,825	0.78	4.21
27	22	15,008	9,905	0.66	3.74	14,472	9,552	0.66	4.03	13,668	9,021	0.66	4.28
28	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
28	18	12,864	12,092	0.94	3.58	12,462	11,714	0.94	3.85	11,658	10,959	0.94	4.14
28	20	13,936	11,428	0.82	3.67	13,400	10,988	0.82	3.92	12,596	10,329	0.82	4.21
28	22	15,008	10,506	0.70	3.74	14,472	10,130	0.70	4.03	13,668	9,568	0.70	4.28
30	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
30	18	12,864	12,864	1.00	3.58	12,462	12,462	1.00	3.85	11,658	11,658	1.00	4.14
30	20	13,936	12,542	0.90	3.67	13,400	12,060	0.90	3.92	12,596	11,336	0.90	4.21
30	22	15,008	11,706	0.78	3.74	14,472	11,288	0.78	4.03	13,668	10,661	0.78	4.28
32	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
32	18	12,864	12,864	1.00	3.58	12,462	12,462	1.00	3.85	11,658	11,658	1.00	4.14
32	20	13,936	13,657	0.98	3.67	13,400	13,132	0.98	3.92	12,596	12,344	0.98	4.21
32	22	15,008	12,907	0.86	3.74	14,472	12,446	0.86	4.03	13,668	11,754	0.86	4.28
34	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
34	18	12,864	12,864	1.00	3.58	12,462	12,462	1.00	3.85	11,658	11,658	1.00	4.14
34	20	13,936	13,936	1.00	3.67	13,400	13,400	1.00	3.92	12,596	12,596	1.00	4.21
34	22	15,008	14,108	0.94	3.74	14,472	13,604	0.94	4.03	13,668	12,848	0.94	4.28

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

COOLING CAPACITY
PEAD-M35JAL / PUZ-ZM35VKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,673	0.75	0.66	3,456	2,592	0.75	0.69	3,348	2,511	0.75	0.73
20	18	3,816	2,404	0.63	0.67	3,708	2,336	0.63	0.71	3,582	2,257	0.63	0.75
20	20	4,104	2,093	0.51	0.69	4,014	2,047	0.51	0.72	3,906	1,992	0.51	0.77
22	16	3,564	2,958	0.83	0.66	3,456	2,868	0.83	0.69	3,348	2,779	0.83	0.73
22	18	3,816	2,709	0.71	0.67	3,708	2,633	0.71	0.71	3,582	2,543	0.71	0.75
22	20	4,104	2,421	0.59	0.69	4,014	2,368	0.59	0.72	3,906	2,305	0.59	0.77
24	16	3,564	3,243	0.91	0.66	3,456	3,145	0.91	0.69	3,348	3,047	0.91	0.73
24	18	3,816	3,015	0.79	0.67	3,708	2,929	0.79	0.71	3,582	2,830	0.79	0.75
24	20	4,104	2,750	0.67	0.69	4,014	2,689	0.67	0.72	3,906	2,617	0.67	0.77
24	22	4,374	2,406	0.55	0.71	4,284	2,356	0.55	0.75	4,176	2,297	0.55	0.80
26	16	3,564	3,528	0.99	0.66	3,456	3,421	0.99	0.69	3,348	3,315	0.99	0.73
26	18	3,816	3,320	0.87	0.67	3,708	3,226	0.87	0.71	3,582	3,116	0.87	0.75
26	20	4,104	3,078	0.75	0.69	4,014	3,011	0.75	0.72	3,906	2,930	0.75	0.77
26	22	4,374	2,756	0.63	0.71	4,284	2,699	0.63	0.75	4,176	2,631	0.63	0.80
27	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.69	3,348	3,348	1.00	0.73
27	18	3,816	3,473	0.91	0.67	3,708	3,374	0.91	0.71	3,582	3,260	0.91	0.75
27	20	4,104	3,242	0.79	0.69	4,014	3,171	0.79	0.72	3,906	3,086	0.79	0.77
27	22	4,374	2,931	0.67	0.71	4,284	2,870	0.67	0.75	4,176	2,798	0.67	0.80
28	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.69	3,348	3,348	1.00	0.73
28	18	3,816	3,625	0.95	0.67	3,708	3,523	0.95	0.71	3,582	3,403	0.95	0.75
28	20	4,104	3,406	0.83	0.69	4,014	3,332	0.83	0.72	3,906	3,242	0.83	0.77
28	22	4,374	3,106	0.71	0.71	4,284	3,042	0.71	0.75	4,176	2,965	0.71	0.80
30	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.69	3,348	3,348	1.00	0.73
30	18	3,816	3,816	1.00	0.67	3,708	3,708	1.00	0.71	3,582	3,582	1.00	0.75
30	20	4,104	3,735	0.91	0.69	4,014	3,653	0.91	0.72	3,906	3,554	0.91	0.77
30	22	4,374	3,455	0.79	0.71	4,284	3,384	0.79	0.75	4,176	3,299	0.79	0.80
32	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.69	3,348	3,348	1.00	0.73
32	18	3,816	3,816	1.00	0.67	3,708	3,708	1.00	0.71	3,582	3,582	1.00	0.75
32	20	4,104	4,063	0.99	0.69	4,014	3,974	0.99	0.72	3,906	3,867	0.99	0.77
32	22	4,374	3,805	0.87	0.71	4,284	3,727	0.87	0.75	4,176	3,633	0.87	0.80
34	16	3,564	3,564	1.00	0.66	3,456	3,456	1.00	0.69	3,348	3,348	1.00	0.73
34	18	3,816	3,816	1.00	0.67	3,708	3,708	1.00	0.71	3,582	3,582	1.00	0.75
34	20	4,104	4,104	1.00	0.69	4,014	4,014	1.00	0.72	3,906	3,906	1.00	0.77
34	22	4,374	4,155	0.95	0.71	4,284	4,070	0.95	0.75	4,176	3,967	0.95	0.80

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,403	0.75	0.79	3,060	2,295	0.75	0.84	2,916	2,187	0.75	0.91
20	18	3,456	2,177	0.63	0.81	3,348	2,109	0.63	0.87	3,132	1,973	0.63	0.93
20	20	3,744	1,909	0.51	0.83	3,600	1,836	0.51	0.89	3,384	1,726	0.51	0.95
22	16	3,204	2,659	0.83	0.79	3,060	2,540	0.83	0.84	2,916	2,420	0.83	0.91
22	18	3,456	2,454	0.71	0.81	3,348	2,377	0.71	0.87	3,132	2,224	0.71	0.93
22	20	3,744	2,209	0.59	0.83	3,600	2,124	0.59	0.89	3,384	1,997	0.59	0.95
24	16	3,204	2,916	0.91	0.79	3,060	2,785	0.91	0.84	2,916	2,654	0.91	0.91
24	18	3,456	2,730	0.79	0.81	3,348	2,645	0.79	0.87	3,132	2,474	0.79	0.93
24	20	3,744	2,508	0.67	0.83	3,600	2,412	0.67	0.89	3,384	2,267	0.67	0.95
24	22	4,032	2,218	0.55	0.84	3,888	2,138	0.55	0.91	3,672	2,020	0.55	0.97
26	16	3,204	3,172	0.99	0.79	3,060	3,029	0.99	0.84	2,916	2,887	0.99	0.91
26	18	3,456	3,007	0.87	0.81	3,348	2,913	0.87	0.87	3,132	2,725	0.87	0.93
26	20	3,744	2,808	0.75	0.83	3,600	2,700	0.75	0.89	3,384	2,538	0.75	0.95
26	22	4,032	2,540	0.63	0.84	3,888	2,449	0.63	0.91	3,672	2,313	0.63	0.97
27	16	3,204	3,204	1.00	0.79	3,060	3,060	1.00	0.84	2,916	2,916	1.00	0.91
27	18	3,456	3,145	0.91	0.81	3,348	3,047	0.91	0.87	3,132	2,850	0.91	0.93
27	20	3,744	2,958	0.79	0.83	3,600	2,844	0.79	0.89	3,384	2,673	0.79	0.95
27	22	4,032	2,701	0.67	0.84	3,888	2,605	0.67	0.91	3,672	2,460	0.67	0.97
28	16	3,204	3,204	1.00	0.79	3,060	3,060	1.00	0.84	2,916	2,916	1.00	0.91
28	18	3,456	3,283	0.95	0.81	3,348	3,181	0.95	0.87	3,132	2,975	0.95	0.93
28	20	3,744	3,108	0.83	0.83	3,600	2,988	0.83	0.89	3,384	2,809	0.83	0.95
28	22	4,032	2,863	0.71	0.84	3,888	2,760	0.71	0.91	3,672	2,607	0.71	0.97
30	16	3,204	3,204	1.00	0.79	3,060	3,060	1.00	0.84	2,916	2,916	1.00	0.91
30	18	3,456	3,456	1.00	0.81	3,348	3,348	1.00	0.87	3,132	3,132	1.00	0.93
30	20	3,744	3,407	0.91	0.83	3,600	3,276	0.91	0.89	3,384	3,079	0.91	0.95
30	22	4,032	3,185	0.79	0.84	3,888	3,072	0.79	0.91	3,672	2,901	0.79	0.97
32	16	3,204	3,204	1.00	0.79	3,060	3,060	1.00	0.84	2,916	2,916	1.00	0.91
32	18	3,456	3,456	1.00	0.81	3,348	3,348	1.00	0.87	3,132	3,132	1.00	0.93
32	20	3,744	3,707	0.99	0.83	3,600	3,564	0.99	0.89	3,384	3,350	0.99	0.95
32	22	4,032	3,508	0.87	0.84	3,888	3,383	0.87	0.91	3,672	3,195	0.87	0.97
34	16	3,204	3,204	1.00	0.79	3,060	3,060	1.00	0.84	2,916	2,916	1.00	0.91
34	18	3,456	3,456	1.00	0.81	3,348	3,348	1.00	0.87	3,132	3,132	1.00	0.93
34	20	3,744	3,744	1.00	0.83	3,600	3,600	1.00	0.89	3,384	3,384	1.00	0.95
34	22	4,032	3,830	0.95	0.84	3,888	3,694	0.95	0.91	3,672	3,488	0.95	0.97

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-M50JAL / PUZ-ZM50VKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	0.95	4,800	3,552	0.74	1.00	4,650	3,441	0.74	1.06
20	18	5,300	3,286	0.62	0.97	5,150	3,193	0.62	1.02	4,975	3,085	0.62	1.09
20	20	5,700	2,850	0.50	1.00	5,575	2,788	0.50	1.04	5,425	2,713	0.50	1.12
22	16	4,950	4,059	0.82	0.95	4,800	3,936	0.82	1.00	4,650	3,813	0.82	1.06
22	18	5,300	3,710	0.70	0.97	5,150	3,605	0.70	1.02	4,975	3,483	0.70	1.09
22	20	5,700	3,306	0.58	1.00	5,575	3,234	0.58	1.04	5,425	3,147	0.58	1.12
24	16	4,950	4,455	0.90	0.95	4,800	4,320	0.90	1.00	4,650	4,185	0.90	1.06
24	18	5,300	4,134	0.78	0.97	5,150	4,017	0.78	1.02	4,975	3,881	0.78	1.09
24	20	5,700	3,762	0.66	1.00	5,575	3,680	0.66	1.04	5,425	3,581	0.66	1.12
24	22	6,075	3,281	0.54	1.02	5,950	3,213	0.54	1.08	5,800	3,132	0.54	1.15
26	16	4,950	4,851	0.98	0.95	4,800	4,704	0.98	1.00	4,650	4,557	0.98	1.06
26	18	5,300	4,558	0.86	0.97	5,150	4,429	0.86	1.02	4,975	4,279	0.86	1.09
26	20	5,700	4,218	0.74	1.00	5,575	4,126	0.74	1.04	5,425	4,015	0.74	1.12
26	22	6,075	3,767	0.62	1.02	5,950	3,689	0.62	1.08	5,800	3,596	0.62	1.15
27	16	4,950	4,950	1.00	0.95	4,800	4,800	1.00	1.00	4,650	4,650	1.00	1.06
27	18	5,300	4,770	0.90	0.97	5,150	4,635	0.90	1.02	4,975	4,478	0.90	1.09
27	20	5,700	4,446	0.78	1.00	5,575	4,349	0.78	1.04	5,425	4,232	0.78	1.12
27	22	6,075	4,010	0.66	1.02	5,950	3,927	0.66	1.08	5,800	3,828	0.66	1.15
28	16	4,950	4,950	1.00	0.95	4,800	4,800	1.00	1.00	4,650	4,650	1.00	1.06
28	18	5,300	4,982	0.94	0.97	5,150	4,841	0.94	1.02	4,975	4,677	0.94	1.09
28	20	5,700	4,674	0.82	1.00	5,575	4,572	0.82	1.04	5,425	4,449	0.82	1.12
28	22	6,075	4,253	0.70	1.02	5,950	4,165	0.70	1.08	5,800	4,060	0.70	1.15
30	16	4,950	4,950	1.00	0.95	4,800	4,800	1.00	1.00	4,650	4,650	1.00	1.06
30	18	5,300	5,300	1.00	0.97	5,150	5,150	1.00	1.02	4,975	4,975	1.00	1.09
30	20	5,700	5,130	0.90	1.00	5,575	5,018	0.90	1.04	5,425	4,883	0.90	1.12
30	22	6,075	4,739	0.78	1.02	5,950	4,641	0.78	1.08	5,800	4,524	0.78	1.15
32	16	4,950	4,950	1.00	0.95	4,800	4,800	1.00	1.00	4,650	4,650	1.00	1.06
32	18	5,300	5,300	1.00	0.97	5,150	5,150	1.00	1.02	4,975	4,975	1.00	1.09
32	20	5,700	5,586	0.98	1.00	5,575	5,464	0.98	1.04	5,425	5,317	0.98	1.12
32	22	6,075	5,225	0.86	1.02	5,950	5,117	0.86	1.08	5,800	4,988	0.86	1.15
34	16	4,950	4,950	1.00	0.95	4,800	4,800	1.00	1.00	4,650	4,650	1.00	1.06
34	18	5,300	5,300	1.00	0.97	5,150	5,150	1.00	1.02	4,975	4,975	1.00	1.09
34	20	5,700	5,700	1.00	1.00	5,575	5,575	1.00	1.04	5,425	5,425	1.00	1.12
34	22	6,075	5,711	0.94	1.02	5,950	5,593	0.94	1.08	5,800	5,452	0.94	1.15

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.14	4,250	3,145	0.74	1.22	4,050	2,997	0.74	1.32
20	18	4,800	2,976	0.62	1.17	4,650	2,883	0.62	1.26	4,350	2,697	0.62	1.35
20	20	5,200	2,600	0.50	1.20	5,000	2,500	0.50	1.28	4,700	2,350	0.50	1.38
22	16	4,450	3,649	0.82	1.14	4,250	3,485	0.82	1.22	4,050	3,321	0.82	1.32
22	18	4,800	3,360	0.70	1.17	4,650	3,255	0.70	1.26	4,350	3,045	0.70	1.35
22	20	5,200	3,016	0.58	1.20	5,000	2,900	0.58	1.28	4,700	2,726	0.58	1.38
24	16	4,450	4,005	0.90	1.14	4,250	3,825	0.90	1.22	4,050	3,645	0.90	1.32
24	18	4,800	3,744	0.78	1.17	4,650	3,627	0.78	1.26	4,350	3,393	0.78	1.35
24	20	5,200	3,432	0.66	1.20	5,000	3,300	0.66	1.28	4,700	3,102	0.66	1.38
24	22	5,600	3,024	0.54	1.22	5,400	2,916	0.54	1.32	5,100	2,754	0.54	1.40
26	16	4,450	4,361	0.98	1.14	4,250	4,165	0.98	1.22	4,050	3,969	0.98	1.32
26	18	4,800	4,128	0.86	1.17	4,650	3,999	0.86	1.26	4,350	3,741	0.86	1.35
26	20	5,200	3,848	0.74	1.20	5,000	3,700	0.74	1.28	4,700	3,478	0.74	1.38
26	22	5,600	3,472	0.62	1.22	5,400	3,348	0.62	1.32	5,100	3,162	0.62	1.40
27	16	4,450	4,450	1.00	1.14	4,250	4,250	1.00	1.22	4,050	4,050	1.00	1.32
27	18	4,800	4,320	0.90	1.17	4,650	4,185	0.90	1.26	4,350	3,915	0.90	1.35
27	20	5,200	4,056	0.78	1.20	5,000	3,900	0.78	1.28	4,700	3,666	0.78	1.38
27	22	5,600	3,696	0.66	1.22	5,400	3,564	0.66	1.32	5,100	3,366	0.66	1.40
28	16	4,450	4,450	1.00	1.14	4,250	4,250	1.00	1.22	4,050	4,050	1.00	1.32
28	18	4,800	4,512	0.94	1.17	4,650	4,371	0.94	1.26	4,350	4,089	0.94	1.35
28	20	5,200	4,264	0.82	1.20	5,000	4,100	0.82	1.28	4,700	3,854	0.82	1.38
28	22	5,600	3,920	0.70	1.22	5,400	3,780	0.70	1.32	5,100	3,570	0.70	1.40
30	16	4,450	4,450	1.00	1.14	4,250	4,250	1.00	1.22	4,050	4,050	1.00	1.32
30	18	4,800	4,800	1.00	1.17	4,650	4,650	1.00	1.26	4,350	4,350	1.00	1.35
30	20	5,200	4,680	0.90	1.20	5,000	4,500	0.90	1.28	4,700	4,230	0.90	1.38
30	22	5,600	4,368	0.78	1.22	5,400	4,212	0.78	1.32	5,100	3,978	0.78	1.40
32	16	4,450	4,450	1.00	1.14	4,250	4,250	1.00	1.22	4,050	4,050	1.00	1.32
32	18	4,800	4,800	1.00	1.17	4,650	4,650	1.00	1.26	4,350	4,350	1.00	1.35
32	20	5,200	5,096	0.98	1.20	5,000	4,900	0.98	1.28	4,700	4,606	0.98	1.38
32	22	5,600	4,816	0.86	1.22	5,400	4,644	0.86	1.32	5,100	4,386	0.86	1.40
34	16	4,450	4,450	1.00	1.14	4,250	4,250	1.00	1.22	4,050	4,050	1.00	1.32
34	18	4,800	4,800	1.00	1.17	4,650	4,650	1.00	1.26	4,350	4,350	1.00	1.35
34	20	5,200	5,200	1.00	1.20	5,000	5,000	1.00	1.28	4,700	4,700	1.00	1.38
34	22	5,600	5,264	0.94	1.22	5,400	5,076	0.94	1.32	5,100	4,794	0.94	1.40

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M60JAL / PUZ-ZM60VHA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,408	0.73	1.20	5,856	4,275	0.73	1.26	5,673	4,141	0.73	1.34
20	18	6,466	3,944	0.61	1.22	6,283	3,833	0.61	1.29	6,070	3,702	0.61	1.38
20	20	6,954	3,407	0.49	1.26	6,802	3,333	0.49	1.32	6,619	3,243	0.49	1.41
22	16	6,039	4,892	0.81	1.20	5,856	4,743	0.81	1.26	5,673	4,595	0.81	1.34
22	18	6,466	4,462	0.69	1.22	6,283	4,335	0.69	1.29	6,070	4,188	0.69	1.38
22	20	6,954	3,964	0.57	1.26	6,802	3,877	0.57	1.32	6,619	3,773	0.57	1.41
24	16	6,039	5,375	0.89	1.20	5,856	5,212	0.89	1.26	5,673	5,049	0.89	1.34
24	18	6,466	4,979	0.77	1.22	6,283	4,838	0.77	1.29	6,070	4,674	0.77	1.38
24	20	6,954	4,520	0.65	1.26	6,802	4,421	0.65	1.32	6,619	4,302	0.65	1.41
24	22	7,412	3,928	0.53	1.29	7,259	3,847	0.53	1.36	7,076	3,750	0.53	1.45
26	16	6,039	5,858	0.97	1.20	5,856	5,680	0.97	1.26	5,673	5,503	0.97	1.34
26	18	6,466	5,496	0.85	1.22	6,283	5,341	0.85	1.29	6,070	5,159	0.85	1.38
26	20	6,954	5,076	0.73	1.26	6,802	4,965	0.73	1.32	6,619	4,832	0.73	1.41
26	22	7,412	4,521	0.61	1.29	7,259	4,428	0.61	1.36	7,076	4,316	0.61	1.45
27	16	6,039	6,039	1.00	1.20	5,856	5,856	1.00	1.26	5,673	5,673	1.00	1.34
27	18	6,466	5,755	0.89	1.22	6,283	5,592	0.89	1.29	6,070	5,402	0.89	1.38
27	20	6,954	5,355	0.77	1.26	6,802	5,237	0.77	1.32	6,619	5,096	0.77	1.41
27	22	7,412	4,817	0.65	1.29	7,259	4,718	0.65	1.36	7,076	4,599	0.65	1.45
28	16	6,039	6,039	1.00	1.20	5,856	5,856	1.00	1.26	5,673	5,673	1.00	1.34
28	18	6,466	6,013	0.93	1.22	6,283	5,843	0.93	1.29	6,070	5,645	0.93	1.38
28	20	6,954	5,633	0.81	1.26	6,802	5,509	0.81	1.32	6,619	5,361	0.81	1.41
28	22	7,412	5,114	0.69	1.29	7,259	5,009	0.69	1.36	7,076	4,882	0.69	1.45
30	16	6,039	6,039	1.00	1.20	5,856	5,856	1.00	1.26	5,673	5,673	1.00	1.34
30	18	6,466	6,466	1.00	1.22	6,283	6,283	1.00	1.29	6,070	6,070	1.00	1.38
30	20	6,954	6,189	0.89	1.26	6,802	6,053	0.89	1.32	6,619	5,890	0.89	1.41
30	22	7,412	5,707	0.77	1.29	7,259	5,589	0.77	1.36	7,076	5,449	0.77	1.45
32	16	6,039	6,039	1.00	1.20	5,856	5,856	1.00	1.26	5,673	5,673	1.00	1.34
32	18	6,466	6,466	1.00	1.22	6,283	6,283	1.00	1.29	6,070	6,070	1.00	1.38
32	20	6,954	6,745	0.97	1.26	6,802	6,597	0.97	1.32	6,619	6,420	0.97	1.41
32	22	7,412	6,300	0.85	1.29	7,259	6,170	0.85	1.36	7,076	6,015	0.85	1.45
34	16	6,039	6,039	1.00	1.20	5,856	5,856	1.00	1.26	5,673	5,673	1.00	1.34
34	18	6,466	6,466	1.00	1.22	6,283	6,283	1.00	1.29	6,070	6,070	1.00	1.38
34	20	6,954	6,954	1.00	1.26	6,802	6,802	1.00	1.32	6,619	6,619	1.00	1.41
34	22	7,412	6,893	0.93	1.29	7,259	6,751	0.93	1.36	7,076	6,581	0.93	1.45

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,963	0.73	1.44	5,185	3,785	0.73	1.54	4,941	3,607	0.73	1.67
20	18	5,856	3,572	0.61	1.47	5,673	3,461	0.61	1.58	5,307	3,237	0.61	1.70
20	20	6,344	3,109	0.49	1.51	6,100	2,989	0.49	1.61	5,734	2,810	0.49	1.73
22	16	5,429	4,397	0.81	1.44	5,185	4,200	0.81	1.54	4,941	4,002	0.81	1.67
22	18	5,856	4,041	0.69	1.47	5,673	3,914	0.69	1.58	5,307	3,662	0.69	1.70
22	20	6,344	3,616	0.57	1.51	6,100	3,477	0.57	1.61	5,734	3,268	0.57	1.73
24	16	5,429	4,832	0.89	1.44	5,185	4,615	0.89	1.54	4,941	4,397	0.89	1.67
24	18	5,856	4,509	0.77	1.47	5,673	4,368	0.77	1.58	5,307	4,086	0.77	1.70
24	20	6,344	4,124	0.65	1.51	6,100	3,965	0.65	1.61	5,734	3,727	0.65	1.73
24	22	6,832	3,621	0.53	1.54	6,588	3,492	0.53	1.66	6,222	3,298	0.53	1.76
26	16	5,429	5,266	0.97	1.44	5,185	5,029	0.97	1.54	4,941	4,793	0.97	1.67
26	18	5,856	4,978	0.85	1.47	5,673	4,822	0.85	1.58	5,307	4,511	0.85	1.70
26	20	6,344	4,631	0.73	1.51	6,100	4,453	0.73	1.61	5,734	4,186	0.73	1.73
26	22	6,832	4,168	0.61	1.54	6,588	4,019	0.61	1.66	6,222	3,795	0.61	1.76
27	16	5,429	5,429	1.00	1.44	5,185	5,185	1.00	1.54	4,941	4,941	1.00	1.67
27	18	5,856	5,212	0.89	1.47	5,673	5,049	0.89	1.58	5,307	4,723	0.89	1.70
27	20	6,344	4,885	0.77	1.51	6,100	4,697	0.77	1.61	5,734	4,415	0.77	1.73
27	22	6,832	4,441	0.65	1.54	6,588	4,282	0.65	1.66	6,222	4,044	0.65	1.76
28	16	5,429	5,429	1.00	1.44	5,185	5,185	1.00	1.54	4,941	4,941	1.00	1.67
28	18	5,856	5,446	0.93	1.47	5,673	5,276	0.93	1.58	5,307	4,936	0.93	1.70
28	20	6,344	5,139	0.81	1.51	6,100	4,941	0.81	1.61	5,734	4,645	0.81	1.73
28	22	6,832	4,714	0.69	1.54	6,588	4,546	0.69	1.66	6,222	4,293	0.69	1.76
30	16	5,429	5,429	1.00	1.44	5,185	5,185	1.00	1.54	4,941	4,941	1.00	1.67
30	18	5,856	5,856	1.00	1.47	5,673	5,673	1.00	1.58	5,307	5,307	1.00	1.70
30	20	6,344	5,646	0.89	1.51	6,100	5,429	0.89	1.61	5,734	5,103	0.89	1.73
30	22	6,832	5,261	0.77	1.54	6,588	5,073	0.77	1.66	6,222	4,791	0.77	1.76
32	16	5,429	5,429	1.00	1.44	5,185	5,185	1.00	1.54	4,941	4,941	1.00	1.67
32	18	5,856	5,856	1.00	1.47	5,673	5,673	1.00	1.58	5,307	5,307	1.00	1.70
32	20	6,344	6,154	0.97	1.51	6,100	5,917	0.97	1.61	5,734	5,562	0.97	1.73
32	22	6,832	5,807	0.85	1.54	6,588	5,600	0.85	1.66	6,222	5,289	0.85	1.76
34	16	5,429	5,429	1.00	1.44	5,185	5,185	1.00	1.54	4,941	4,941	1.00	1.67
34	18	5,856	5,856	1.00	1.47	5,673	5,673	1.00	1.58	5,307	5,307	1.00	1.70
34	20	6,344	6,344	1.00	1.51	6,100	6,100	1.00	1.61	5,734	5,734	1.00	1.73
34	22	6,832	6,354	0.93	1.54	6,588	6,127	0.93	1.66	6,222	5,786	0.93	1.76

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JAL / PUZ-ZM71VHA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,131	0.73	1.48	6,816	4,976	0.73	1.56	6,603	4,820	0.73	1.65
20	18	7,526	4,591	0.61	1.50	7,313	4,461	0.61	1.59	7,065	4,309	0.61	1.70
20	20	8,094	3,966	0.49	1.55	7,917	3,879	0.49	1.62	7,704	3,775	0.49	1.73
22	16	7,029	5,693	0.81	1.48	6,816	5,521	0.81	1.56	6,603	5,348	0.81	1.65
22	18	7,526	5,193	0.69	1.50	7,313	5,046	0.69	1.59	7,065	4,875	0.69	1.70
22	20	8,094	4,614	0.57	1.55	7,917	4,512	0.57	1.62	7,704	4,391	0.57	1.73
24	16	7,029	6,256	0.89	1.48	6,816	6,066	0.89	1.56	6,603	5,877	0.89	1.65
24	18	7,526	5,795	0.77	1.50	7,313	5,631	0.77	1.59	7,065	5,440	0.77	1.70
24	20	8,094	5,261	0.65	1.55	7,917	5,146	0.65	1.62	7,704	5,007	0.65	1.73
24	22	8,627	4,572	0.53	1.59	8,449	4,478	0.53	1.68	8,236	4,365	0.53	1.79
26	16	7,029	6,818	0.97	1.48	6,816	6,612	0.97	1.56	6,603	6,405	0.97	1.65
26	18	7,526	6,397	0.85	1.50	7,313	6,216	0.85	1.59	7,065	6,005	0.85	1.70
26	20	8,094	5,909	0.73	1.55	7,917	5,779	0.73	1.62	7,704	5,624	0.73	1.73
26	22	8,627	5,262	0.61	1.59	8,449	5,154	0.61	1.68	8,236	5,024	0.61	1.79
27	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.65
27	18	7,526	6,698	0.89	1.50	7,313	6,509	0.89	1.59	7,065	6,287	0.89	1.70
27	20	8,094	6,232	0.77	1.55	7,917	6,096	0.77	1.62	7,704	5,932	0.77	1.73
27	22	8,627	5,607	0.65	1.59	8,449	5,492	0.65	1.68	8,236	5,353	0.65	1.79
28	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.65
28	18	7,526	6,999	0.93	1.50	7,313	6,801	0.93	1.59	7,065	6,570	0.93	1.70
28	20	8,094	6,556	0.81	1.55	7,917	6,412	0.81	1.62	7,704	6,240	0.81	1.73
28	22	8,627	5,952	0.69	1.59	8,449	5,830	0.69	1.68	8,236	5,683	0.69	1.79
30	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.65
30	18	7,526	7,526	1.00	1.50	7,313	7,313	1.00	1.59	7,065	7,065	1.00	1.70
30	20	8,094	7,204	0.89	1.55	7,917	7,046	0.89	1.62	7,704	6,856	0.89	1.73
30	22	8,627	6,642	0.77	1.59	8,449	6,506	0.77	1.68	8,236	6,342	0.77	1.79
32	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.65
32	18	7,526	7,526	1.00	1.50	7,313	7,313	1.00	1.59	7,065	7,065	1.00	1.70
32	20	8,094	7,851	0.97	1.55	7,917	7,679	0.97	1.62	7,704	7,472	0.97	1.73
32	22	8,627	7,333	0.85	1.59	8,449	7,182	0.85	1.68	8,236	7,001	0.85	1.79
34	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.65
34	18	7,526	7,526	1.00	1.50	7,313	7,313	1.00	1.59	7,065	7,065	1.00	1.70
34	20	8,094	8,094	1.00	1.55	7,917	7,917	1.00	1.62	7,704	7,704	1.00	1.73
34	22	8,627	8,023	0.93	1.59	8,449	7,858	0.93	1.68	8,236	7,659	0.93	1.79

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,613	0.73	1.77	6,035	4,406	0.73	1.90	5,751	4,198	0.73	2.06
20	18	6,816	4,158	0.61	1.82	6,603	4,028	0.61	1.95	6,177	3,768	0.61	2.10
20	20	7,384	3,618	0.49	1.86	7,100	3,479	0.49	1.99	6,674	3,270	0.49	2.14
22	16	6,319	5,118	0.81	1.77	6,035	4,888	0.81	1.90	5,751	4,658	0.81	2.06
22	18	6,816	4,703	0.69	1.82	6,603	4,556	0.69	1.95	6,177	4,262	0.69	2.10
22	20	7,384	4,209	0.57	1.86	7,100	4,047	0.57	1.99	6,674	3,804	0.57	2.14
24	16	6,319	5,624	0.89	1.77	6,035	5,371	0.89	1.90	5,751	5,118	0.89	2.06
24	18	6,816	5,248	0.77	1.82	6,603	5,084	0.77	1.95	6,177	4,756	0.77	2.10
24	20	7,384	4,800	0.65	1.86	7,100	4,615	0.65	1.99	6,674	4,338	0.65	2.14
24	22	7,952	4,215	0.53	1.90	7,668	4,064	0.53	2.05	7,242	3,838	0.53	2.18
26	16	6,319	6,129	0.97	1.77	6,035	5,854	0.97	1.90	5,751	5,578	0.97	2.06
26	18	6,816	5,794	0.85	1.82	6,603	5,613	0.85	1.95	6,177	5,250	0.85	2.10
26	20	7,384	5,390	0.73	1.86	7,100	5,183	0.73	1.99	6,674	4,872	0.73	2.14
26	22	7,952	4,851	0.61	1.90	7,668	4,677	0.61	2.05	7,242	4,418	0.61	2.18
27	16	6,319	6,319	1.00	1.77	6,035	6,035	1.00	1.90	5,751	5,751	1.00	2.06
27	18	6,816	6,066	0.89	1.82	6,603	5,877	0.89	1.95	6,177	5,498	0.89	2.10
27	20	7,384	5,686	0.77	1.86	7,100	5,467	0.77	1.99	6,674	5,139	0.77	2.14
27	22	7,952	5,169	0.65	1.90	7,668	4,984	0.65	2.05	7,242	4,707	0.65	2.18
28	16	6,319	6,319	1.00	1.77	6,035	6,035	1.00	1.90	5,751	5,751	1.00	2.06
28	18	6,816	6,339	0.93	1.82	6,603	6,141	0.93	1.95	6,177	5,745	0.93	2.10
28	20	7,384	5,981	0.81	1.86	7,100	5,751	0.81	1.99	6,674	5,406	0.81	2.14
28	22	7,952	5,487	0.69	1.90	7,668	5,291	0.69	2.05	7,242	4,997	0.69	2.18
30	16	6,319	6,319	1.00	1.77	6,035	6,035	1.00	1.90	5,751	5,751	1.00	2.06
30	18	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.95	6,177	6,177	1.00	2.10
30	20	7,384	6,572	0.89	1.86	7,100	6,319	0.89	1.99	6,674	5,940	0.89	2.14
30	22	7,952	6,123	0.77	1.90	7,668	5,904	0.77	2.05	7,242	5,576	0.77	2.18
32	16	6,319	6,319	1.00	1.77	6,035	6,035	1.00	1.90	5,751	5,751	1.00	2.06
32	18	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.95	6,177	6,177	1.00	2.10
32	20	7,384	7,162	0.97	1.86	7,100	6,887	0.97	1.99	6,674	6,474	0.97	2.14
32	22	7,952	6,759	0.85	1.90	7,668	6,518	0.85	2.05	7,242	6,156	0.85	2.18
34	16	6,319	6,319	1.00	1.77	6,035	6,035	1.00	1.90	5,751	5,751	1.00	2.06
34	18	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.95	6,177	6,177	1.00	2.10
34	20	7,384	7,384	1.00	1.86	7,100	7,100	1.00	1.99	6,674	6,674	1.00	2.14
34	22	7,952	7,395	0.93	1.90	7,668	7,131	0.93	2.05	7,242	6,735	0.93	2.18

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M100JAL / PUZ-ZM100VKA PUZ-ZM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	1.80	9,120	6,566	0.72	1.91	8,835	6,361	0.72	2.02
20	18	10,070	6,042	0.60	1.84	9,785	5,871	0.60	1.94	9,453	5,672	0.60	2.08
20	20	10,830	5,198	0.48	1.90	10,593	5,084	0.48	1.99	10,308	4,948	0.48	2.12
22	16	9,405	7,524	0.80	1.80	9,120	7,296	0.80	1.91	8,835	7,068	0.80	2.02
22	18	10,070	6,848	0.68	1.84	9,785	6,654	0.68	1.94	9,453	6,428	0.68	2.08
22	20	10,830	6,065	0.56	1.90	10,593	5,932	0.56	1.99	10,308	5,772	0.56	2.12
24	16	9,405	8,276	0.88	1.80	9,120	8,026	0.88	1.91	8,835	7,775	0.88	2.02
24	18	10,070	7,653	0.76	1.84	9,785	7,437	0.76	1.94	9,453	7,184	0.76	2.08
24	20	10,830	6,931	0.64	1.90	10,593	6,779	0.64	1.99	10,308	6,597	0.64	2.12
24	22	11,543	6,002	0.52	1.94	11,305	5,879	0.52	2.05	11,020	5,730	0.52	2.19
26	16	9,405	9,029	0.96	1.80	9,120	8,755	0.96	1.91	8,835	8,482	0.96	2.02
26	18	10,070	8,459	0.84	1.84	9,785	8,219	0.84	1.94	9,453	7,940	0.84	2.08
26	20	10,830	7,798	0.72	1.90	10,593	7,627	0.72	1.99	10,308	7,421	0.72	2.12
26	22	11,543	6,926	0.60	1.94	11,305	6,783	0.60	2.05	11,020	6,612	0.60	2.19
27	16	9,405	9,405	1.00	1.80	9,120	9,120	1.00	1.91	8,835	8,835	1.00	2.02
27	18	10,070	8,862	0.88	1.84	9,785	8,611	0.88	1.94	9,453	8,318	0.88	2.08
27	20	10,830	8,231	0.76	1.90	10,593	8,050	0.76	1.99	10,308	7,834	0.76	2.12
27	22	11,543	7,387	0.64	1.94	11,305	7,235	0.64	2.05	11,020	7,053	0.64	2.19
28	16	9,405	9,405	1.00	1.80	9,120	9,120	1.00	1.91	8,835	8,835	1.00	2.02
28	18	10,070	9,264	0.92	1.84	9,785	9,002	0.92	1.94	9,453	8,696	0.92	2.08
28	20	10,830	8,664	0.80	1.90	10,593	8,474	0.80	1.99	10,308	8,246	0.80	2.12
28	22	11,543	7,849	0.68	1.94	11,305	7,687	0.68	2.05	11,020	7,494	0.68	2.19
30	16	9,405	9,405	1.00	1.80	9,120	9,120	1.00	1.91	8,835	8,835	1.00	2.02
30	18	10,070	10,070	1.00	1.84	9,785	9,785	1.00	1.94	9,453	9,453	1.00	2.08
30	20	10,830	9,530	0.88	1.90	10,593	9,321	0.88	1.99	10,308	9,071	0.88	2.12
30	22	11,543	8,772	0.76	1.94	11,305	8,592	0.76	2.05	11,020	8,375	0.76	2.19
32	16	9,405	9,405	1.00	1.80	9,120	9,120	1.00	1.91	8,835	8,835	1.00	2.02
32	18	10,070	10,070	1.00	1.84	9,785	9,785	1.00	1.94	9,453	9,453	1.00	2.08
32	20	10,830	10,397	0.96	1.90	10,593	10,169	0.96	1.99	10,308	9,895	0.96	2.12
32	22	11,543	9,696	0.84	1.94	11,305	9,496	0.84	2.05	11,020	9,257	0.84	2.19
34	16	9,405	9,405	1.00	1.80	9,120	9,120	1.00	1.91	8,835	8,835	1.00	2.02
34	18	10,070	10,070	1.00	1.84	9,785	9,785	1.00	1.94	9,453	9,453	1.00	2.08
34	20	10,830	10,830	1.00	1.90	10,593	10,593	1.00	1.99	10,308	10,308	1.00	2.12
34	22	11,543	10,619	0.92	1.94	11,305	10,401	0.92	2.05	11,020	10,138	0.92	2.19

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.17	8,075	5,814	0.72	2.32	7,695	5,540	0.72	2.52
20	18	9,120	5,472	0.60	2.22	8,835	5,301	0.60	2.39	8,265	4,959	0.60	2.57
20	20	9,880	4,742	0.48	2.28	9,500	4,560	0.48	2.44	8,930	4,286	0.48	2.62
22	16	8,455	6,764	0.80	2.17	8,075	6,460	0.80	2.32	7,695	6,156	0.80	2.52
22	18	9,120	6,202	0.68	2.22	8,835	6,008	0.68	2.39	8,265	5,620	0.68	2.57
22	20	9,880	5,533	0.56	2.28	9,500	5,320	0.56	2.44	8,930	5,001	0.56	2.62
24	16	8,455	7,440	0.88	2.17	8,075	7,106	0.88	2.32	7,695	6,772	0.88	2.52
24	18	9,120	6,931	0.76	2.22	8,835	6,715	0.76	2.39	8,265	6,281	0.76	2.57
24	20	9,880	6,323	0.64	2.28	9,500	6,080	0.64	2.44	8,930	5,715	0.64	2.62
24	22	10,640	5,533	0.52	2.32	10,260	5,335	0.52	2.50	9,690	5,039	0.52	2.66
26	16	8,455	8,117	0.96	2.17	8,075	7,752	0.96	2.32	7,695	7,387	0.96	2.52
26	18	9,120	7,661	0.84	2.22	8,835	7,421	0.84	2.39	8,265	6,943	0.84	2.57
26	20	9,880	7,114	0.72	2.28	9,500	6,840	0.72	2.44	8,930	6,430	0.72	2.62
26	22	10,640	6,384	0.60	2.32	10,260	6,156	0.60	2.50	9,690	5,814	0.60	2.66
27	16	8,455	8,455	1.00	2.17	8,075	8,075	1.00	2.32	7,695	7,695	1.00	2.52
27	18	9,120	8,026	0.88	2.22	8,835	7,775	0.88	2.39	8,265	7,273	0.88	2.57
27	20	9,880	7,509	0.76	2.28	9,500	7,220	0.76	2.44	8,930	6,787	0.76	2.62
27	22	10,640	6,810	0.64	2.32	10,260	6,566	0.64	2.50	9,690	6,202	0.64	2.66
28	16	8,455	8,455	1.00	2.17	8,075	8,075	1.00	2.32	7,695	7,695	1.00	2.52
28	18	9,120	8,390	0.92	2.22	8,835	8,128	0.92	2.39	8,265	7,604	0.92	2.57
28	20	9,880	7,904	0.80	2.28	9,500	7,600	0.80	2.44	8,930	7,144	0.80	2.62
28	22	10,640	7,235	0.68	2.32	10,260	6,977	0.68	2.50	9,690	6,589	0.68	2.66
30	16	8,455	8,455	1.00	2.17	8,075	8,075	1.00	2.32	7,695	7,695	1.00	2.52
30	18	9,120	9,120	1.00	2.22	8,835	8,835	1.00	2.39	8,265	8,265	1.00	2.57
30	20	9,880	8,694	0.88	2.28	9,500	8,360	0.88	2.44	8,930	7,858	0.88	2.62
30	22	10,640	8,086	0.76	2.32	10,260	7,798	0.76	2.50	9,690	7,364	0.76	2.66
32	16	8,455	8,455	1.00	2.17	8,075	8,075	1.00	2.32	7,695	7,695	1.00	2.52
32	18	9,120	9,120	1.00	2.22	8,835	8,835	1.00	2.39	8,265	8,265	1.00	2.57
32	20	9,880	9,485	0.96	2.28	9,500	9,120	0.96	2.44	8,930	8,573	0.96	2.62
32	22	10,640	8,938	0.84	2.32	10,260	8,618	0.84	2.50	9,690	8,140	0.84	2.66
34	16	8,455	8,455	1.00	2.17	8,075	8,075	1.00	2.32	7,695	7,695	1.00	2.52
34	18	9,120	9,120	1.00	2.22	8,835	8,835	1.00	2.39	8,265	8,265	1.00	2.57
34	20	9,880	9,880	1.00	2.28	9,500	9,500	1.00	2.44	8,930	8,930	1.00	2.62
34	22	10,640	9,789	0.92	2.32	10,260	9,439	0.92	2.50	9,690	8,915	0.92	2.66

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M125JAL / PUZ-ZM125VKA PUZ-ZM125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	2.65	12,000	8,880	0.74	2.80	11,625	8,603	0.74	2.97
20	18	13,250	8,215	0.62	2.70	12,875	7,983	0.62	2.85	12,438	7,711	0.62	3.05
20	20	14,250	7,125	0.50	2.78	13,938	6,969	0.50	2.92	13,563	6,781	0.50	3.12
22	16	12,375	10,148	0.82	2.65	12,000	9,840	0.82	2.80	11,625	9,533	0.82	2.97
22	18	13,250	9,275	0.70	2.70	12,875	9,013	0.70	2.85	12,438	8,706	0.70	3.05
22	20	14,250	8,265	0.58	2.78	13,938	8,084	0.58	2.92	13,563	7,866	0.58	3.12
24	16	12,375	11,138	0.90	2.65	12,000	10,800	0.90	2.80	11,625	10,463	0.90	2.97
24	18	13,250	10,335	0.78	2.70	12,875	10,043	0.78	2.85	12,438	9,701	0.78	3.05
24	20	14,250	9,405	0.66	2.78	13,938	9,199	0.66	2.92	13,563	8,951	0.66	3.12
24	22	15,188	8,201	0.54	2.85	14,875	8,033	0.54	3.02	14,500	7,830	0.54	3.22
26	16	12,375	12,128	0.98	2.65	12,000	11,760	0.98	2.80	11,625	11,393	0.98	2.97
26	18	13,250	11,395	0.86	2.70	12,875	11,073	0.86	2.85	12,438	10,696	0.86	3.05
26	20	14,250	10,545	0.74	2.78	13,938	10,314	0.74	2.92	13,563	10,036	0.74	3.12
26	22	15,188	9,416	0.62	2.85	14,875	9,223	0.62	3.02	14,500	8,990	0.62	3.22
27	16	12,375	12,375	1.00	2.65	12,000	12,000	1.00	2.80	11,625	11,625	1.00	2.97
27	18	13,250	11,925	0.90	2.70	12,875	11,588	0.90	2.85	12,438	11,194	0.90	3.05
27	20	14,250	11,115	0.78	2.78	13,938	10,871	0.78	2.92	13,563	10,579	0.78	3.12
27	22	15,188	10,024	0.66	2.85	14,875	9,818	0.66	3.02	14,500	9,570	0.66	3.22
28	16	12,375	12,375	1.00	2.65	12,000	12,000	1.00	2.80	11,625	11,625	1.00	2.97
28	18	13,250	12,455	0.94	2.70	12,875	12,103	0.94	2.85	12,438	11,691	0.94	3.05
28	20	14,250	11,685	0.82	2.78	13,938	11,429	0.82	2.92	13,563	11,121	0.82	3.12
28	22	15,188	10,631	0.70	2.85	14,875	10,413	0.70	3.02	14,500	10,150	0.70	3.22
30	16	12,375	12,375	1.00	2.65	12,000	12,000	1.00	2.80	11,625	11,625	1.00	2.97
30	18	13,250	13,250	1.00	2.70	12,875	12,875	1.00	2.85	12,438	12,438	1.00	3.05
30	20	14,250	12,825	0.90	2.78	13,938	12,544	0.90	2.92	13,563	12,206	0.90	3.12
30	22	15,188	11,846	0.78	2.85	14,875	11,603	0.78	3.02	14,500	11,310	0.78	3.22
32	16	12,375	12,375	1.00	2.65	12,000	12,000	1.00	2.80	11,625	11,625	1.00	2.97
32	18	13,250	13,250	1.00	2.70	12,875	12,875	1.00	2.85	12,438	12,438	1.00	3.05
32	20	14,250	13,965	0.98	2.78	13,938	13,659	0.98	2.92	13,563	13,291	0.98	3.12
32	22	15,188	13,061	0.86	2.85	14,875	12,793	0.86	3.02	14,500	12,470	0.86	3.22
34	16	12,375	12,375	1.00	2.65	12,000	12,000	1.00	2.80	11,625	11,625	1.00	2.97
34	18	13,250	13,250	1.00	2.70	12,875	12,875	1.00	2.85	12,438	12,438	1.00	3.05
34	20	14,250	14,250	1.00	2.78	13,938	13,938	1.00	2.92	13,563	13,563	1.00	3.12
34	22	15,188	14,276	0.94	2.85	14,875	13,983	0.94	3.02	14,500	13,630	0.94	3.22

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.18	10,625	7,863	0.74	3.41	10,125	7,493	0.74	3.70
20	18	12,000	7,440	0.62	3.27	11,625	7,208	0.62	3.51	10,875	6,743	0.62	3.78
20	20	13,000	6,500	0.50	3.35	12,500	6,250	0.50	3.58	11,750	5,875	0.50	3.85
22	16	11,125	9,123	0.82	3.18	10,625	8,713	0.82	3.41	10,125	8,303	0.82	3.70
22	18	12,000	8,400	0.70	3.27	11,625	8,138	0.70	3.51	10,875	7,613	0.70	3.78
22	20	13,000	7,540	0.58	3.35	12,500	7,250	0.58	3.58	11,750	6,815	0.58	3.85
24	16	11,125	10,013	0.90	3.18	10,625	9,563	0.90	3.41	10,125	9,113	0.90	3.70
24	18	12,000	9,360	0.78	3.27	11,625	9,068	0.78	3.51	10,875	8,483	0.78	3.78
24	20	13,000	8,580	0.66	3.35	12,500	8,250	0.66	3.58	11,750	7,755	0.66	3.85
24	22	14,000	7,560	0.54	3.41	13,500	7,290	0.54	3.68	12,750	6,885	0.54	3.91
26	16	11,125	10,903	0.98	3.18	10,625	10,413	0.98	3.41	10,125	9,923	0.98	3.70
26	18	12,000	10,320	0.86	3.27	11,625	9,998	0.86	3.51	10,875	9,353	0.86	3.78
26	20	13,000	9,620	0.74	3.35	12,500	9,250	0.74	3.58	11,750	8,695	0.74	3.85
26	22	14,000	8,680	0.62	3.41	13,500	8,370	0.62	3.68	12,750	7,905	0.62	3.91
27	16	11,125	11,125	1.00	3.18	10,625	10,625	1.00	3.41	10,125	10,125	1.00	3.70
27	18	12,000	10,800	0.90	3.27	11,625	10,463	0.90	3.51	10,875	9,788	0.90	3.78
27	20	13,000	10,140	0.78	3.35	12,500	9,750	0.78	3.58	11,750	9,165	0.78	3.85
27	22	14,000	9,240	0.66	3.41	13,500	8,910	0.66	3.68	12,750	8,415	0.66	3.91
28	16	11,125	11,125	1.00	3.18	10,625	10,625	1.00	3.41	10,125	10,125	1.00	3.70
28	18	12,000	11,280	0.94	3.27	11,625	10,928	0.94	3.51	10,875	10,223	0.94	3.78
28	20	13,000	10,660	0.82	3.35	12,500	10,250	0.82	3.58	11,750	9,635	0.82	3.85
28	22	14,000	9,800	0.70	3.41	13,500	9,450	0.70	3.68	12,750	8,925	0.70	3.91
30	16	11,125	11,125	1.00	3.18	10,625	10,625	1.00	3.41	10,125	10,125	1.00	3.70
30	18	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.51	10,875	10,875	1.00	3.78
30	20	13,000	11,700	0.90	3.35	12,500	11,250	0.90	3.58	11,750	10,575	0.90	3.85
30	22	14,000	10,920	0.78	3.41	13,500	10,530	0.78	3.68	12,750	9,945	0.78	3.91
32	16	11,125	11,125	1.00	3.18	10,625	10,625	1.00	3.41	10,125	10,125	1.00	3.70
32	18	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.51	10,875	10,875	1.00	3.78
32	20	13,000	12,740	0.98	3.35	12,500	12,250	0.98	3.58	11,750	11,515	0.98	3.85
32	22	14,000	12,040	0.86	3.41	13,500	11,610	0.86	3.68	12,750	10,965	0.86	3.91
34	16	11,125	11,125	1.00	3.18	10,625	10,625	1.00	3.41	10,125	10,125	1.00	3.70
34	18	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.51	10,875	10,875	1.00	3.78
34	20	13,000	13,000	1.00	3.35	12,500	12,500	1.00	3.58	11,750	11,750	1.00	3.85
34	22	14,000	13,160	0.94	3.41	13,500	12,690	0.94	3.68	12,750	11,985	0.94	3.91

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY

PEAD-M140JAL / PUZ-ZM140VKA PUZ-ZM140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	2.90	12,864	9,519	0.74	3.07	12,462	9,222	0.74	3.25
20	18	14,204	8,806	0.62	2.96	13,802	8,557	0.62	3.12	13,333	8,266	0.62	3.34
20	20	15,276	7,638	0.50	3.05	14,941	7,471	0.50	3.20	14,539	7,270	0.50	3.41
22	16	13,266	10,878	0.82	2.90	12,864	10,548	0.82	3.07	12,462	10,219	0.82	3.25
22	18	14,204	9,943	0.70	2.96	13,802	9,661	0.70	3.12	13,333	9,333	0.70	3.34
22	20	15,276	8,860	0.58	3.05	14,941	8,666	0.58	3.20	14,539	8,433	0.58	3.41
24	16	13,266	11,939	0.90	2.90	12,864	11,578	0.90	3.07	12,462	11,216	0.90	3.25
24	18	14,204	11,079	0.78	2.96	13,802	10,766	0.78	3.12	13,333	10,400	0.78	3.34
24	20	15,276	10,082	0.66	3.05	14,941	9,861	0.66	3.20	14,539	9,596	0.66	3.41
24	22	16,281	8,792	0.54	3.12	15,946	8,611	0.54	3.30	15,544	8,394	0.54	3.52
26	16	13,266	13,001	0.98	2.90	12,864	12,607	0.98	3.07	12,462	12,213	0.98	3.25
26	18	14,204	12,215	0.86	2.96	13,802	11,870	0.86	3.12	13,333	11,466	0.86	3.34
26	20	15,276	11,304	0.74	3.05	14,941	11,056	0.74	3.20	14,539	10,759	0.74	3.41
26	22	16,281	10,094	0.62	3.12	15,946	9,887	0.62	3.30	15,544	9,637	0.62	3.52
27	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
27	18	14,204	12,784	0.90	2.96	13,802	12,422	0.90	3.12	13,333	12,000	0.90	3.34
27	20	15,276	11,915	0.78	3.05	14,941	11,654	0.78	3.20	14,539	11,340	0.78	3.41
27	22	16,281	10,745	0.66	3.12	15,946	10,524	0.66	3.30	15,544	10,259	0.66	3.52
28	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
28	18	14,204	13,352	0.94	2.96	13,802	12,974	0.94	3.12	13,333	12,533	0.94	3.34
28	20	15,276	12,526	0.82	3.05	14,941	12,252	0.82	3.20	14,539	11,922	0.82	3.41
28	22	16,281	11,397	0.70	3.12	15,946	11,162	0.70	3.30	15,544	10,881	0.70	3.52
30	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
30	18	14,204	14,204	1.00	2.96	13,802	13,802	1.00	3.12	13,333	13,333	1.00	3.34
30	20	15,276	13,748	0.90	3.05	14,941	13,447	0.90	3.20	14,539	13,085	0.90	3.41
30	22	16,281	12,699	0.78	3.12	15,946	12,438	0.78	3.30	15,544	12,124	0.78	3.52
32	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
32	18	14,204	14,204	1.00	2.96	13,802	13,802	1.00	3.12	13,333	13,333	1.00	3.34
32	20	15,276	14,970	0.98	3.05	14,941	14,642	0.98	3.20	14,539	14,248	0.98	3.41
32	22	16,281	14,002	0.86	3.12	15,946	13,714	0.86	3.30	15,544	13,368	0.86	3.52
34	16	13,266	13,266	1.00	2.90	12,864	12,864	1.00	3.07	12,462	12,462	1.00	3.25
34	18	14,204	14,204	1.00	2.96	13,802	13,802	1.00	3.12	13,333	13,333	1.00	3.34
34	20	15,276	15,276	1.00	3.05	14,941	14,941	1.00	3.20	14,539	14,539	1.00	3.41
34	22	16,281	15,304	0.94	3.12	15,946	14,989	0.94	3.30	15,544	14,611	0.94	3.52

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	3.49	11,390	8,429	0.74	3.74	10,854	8,032	0.74	4.05
20	18	12,864	7,976	0.62	3.58	12,462	7,726	0.62	3.85	11,658	7,228	0.62	4.14
20	20	13,936	6,968	0.50	3.67	13,400	6,700	0.50	3.92	12,596	6,298	0.50	4.21
22	16	11,926	9,779	0.82	3.49	11,390	9,340	0.82	3.74	10,854	8,900	0.82	4.05
22	18	12,864	9,005	0.70	3.58	12,462	8,723	0.70	3.85	11,658	8,161	0.70	4.14
22	20	13,936	8,083	0.58	3.67	13,400	7,772	0.58	3.92	12,596	7,306	0.58	4.21
24	16	11,926	10,733	0.90	3.49	11,390	10,251	0.90	3.74	10,854	9,769	0.90	4.05
24	18	12,864	10,034	0.78	3.58	12,462	9,720	0.78	3.85	11,658	9,093	0.78	4.14
24	20	13,936	9,198	0.66	3.67	13,400	8,844	0.66	3.92	12,596	8,313	0.66	4.21
24	22	15,008	8,104	0.54	3.74	14,472	7,815	0.54	4.03	13,668	7,381	0.54	4.28
26	16	11,926	11,687	0.98	3.49	11,390	11,162	0.98	3.74	10,854	10,637	0.98	4.05
26	18	12,864	11,063	0.86	3.58	12,462	10,717	0.86	3.85	11,658	10,026	0.86	4.14
26	20	13,936	10,313	0.74	3.67	13,400	9,916	0.74	3.92	12,596	9,321	0.74	4.21
26	22	15,008	9,305	0.62	3.74	14,472	8,973	0.62	4.03	13,668	8,474	0.62	4.28
27	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
27	18	12,864	11,578	0.90	3.58	12,462	11,216	0.90	3.85	11,658	10,492	0.90	4.14
27	20	13,936	10,870	0.78	3.67	13,400	10,452	0.78	3.92	12,596	9,825	0.78	4.21
27	22	15,008	9,905	0.66	3.74	14,472	9,552	0.66	4.03	13,668	9,021	0.66	4.28
28	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
28	18	12,864	12,092	0.94	3.58	12,462	11,714	0.94	3.85	11,658	10,959	0.94	4.14
28	20	13,936	11,428	0.82	3.67	13,400	10,988	0.82	3.92	12,596	10,329	0.82	4.21
28	22	15,008	10,506	0.70	3.74	14,472	10,130	0.70	4.03	13,668	9,568	0.70	4.28
30	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
30	18	12,864	12,864	1.00	3.58	12,462	12,462	1.00	3.85	11,658	11,658	1.00	4.14
30	20	13,936	12,542	0.90	3.67	13,400	12,060	0.90	3.92	12,596	11,336	0.90	4.21
30	22	15,008	11,706	0.78	3.74	14,472	11,288	0.78	4.03	13,668	10,661	0.78	4.28
32	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
32	18	12,864	12,864	1.00	3.58	12,462	12,462	1.00	3.85	11,658	11,658	1.00	4.14
32	20	13,936	13,657	0.98	3.67	13,400	13,132	0.98	3.92	12,596	12,344	0.98	4.21
32	22	15,008	12,907	0.86	3.74	14,472	12,446	0.86	4.03	13,668	11,754	0.86	4.28
34	16	11,926	11,926	1.00	3.49	11,390	11,390	1.00	3.74	10,854	10,854	1.00	4.05
34	18	12,864	12,864	1.00	3.58	12,462	12,462	1.00	3.85	11,658	11,658	1.00	4.14
34	20	13,936	13,936	1.00	3.67	13,400	13,400	1.00	3.92	12,596	12,596	1.00	4.21
34	22	15,008	14,108	0.94	3.74	14,472	13,604	0.94	4.03	13,668	12,848	0.94	4.28

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-M35JA / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,834	0.67	0.736	4,050	2,714	0.67	0.773	3,888	2,605	0.67	0.810	3,744	2,508	0.67	0.846
21	20	4,410	2,426	0.55	0.773	4,230	2,327	0.55	0.819	4,104	2,257	0.55	0.837	3,960	2,178	0.55	0.874
22	18	4,230	3,003	0.71	0.736	4,050	2,876	0.71	0.773	3,888	2,760	0.71	0.810	3,744	2,658	0.71	0.846
22	20	4,410	2,602	0.59	0.773	4,230	2,496	0.59	0.819	4,104	2,421	0.59	0.837	3,960	2,336	0.59	0.874
22	22	4,590	2,157	0.47	0.800	4,428	2,081	0.47	0.851	4,320	2,030	0.47	0.874	4,140	1,946	0.47	0.911
23	18	4,230	3,173	0.75	0.736	4,050	3,038	0.75	0.773	3,888	2,916	0.75	0.810	3,744	2,808	0.75	0.846
23	20	4,410	2,778	0.63	0.773	4,230	2,665	0.63	0.819	4,104	2,586	0.63	0.837	3,960	2,495	0.63	0.874
23	22	4,590	2,341	0.51	0.800	4,428	2,258	0.51	0.851	4,320	2,203	0.51	0.874	4,140	2,111	0.51	0.911
24	18	4,230	3,342	0.79	0.736	4,050	3,200	0.79	0.773	3,888	3,072	0.79	0.810	3,744	2,958	0.79	0.846
24	20	4,410	2,955	0.67	0.773	4,230	2,834	0.67	0.819	4,104	2,750	0.67	0.837	3,960	2,653	0.67	0.874
24	22	4,590	2,525	0.55	0.800	4,428	2,435	0.55	0.851	4,320	2,376	0.55	0.874	4,140	2,277	0.55	0.911
24	24	4,824	2,074	0.43	0.837	4,644	1,997	0.43	0.883	4,536	1,950	0.43	0.911	4,392	1,889	0.43	0.957
25	20	4,410	3,131	0.71	0.773	4,230	3,003	0.71	0.819	4,104	2,914	0.71	0.837	3,960	2,812	0.71	0.874
25	22	4,590	2,708	0.59	0.800	4,428	2,613	0.59	0.851	4,320	2,549	0.59	0.874	4,140	2,443	0.59	0.911
25	24	4,824	2,267	0.47	0.837	4,644	2,183	0.47	0.883	4,536	2,132	0.47	0.911	4,392	2,064	0.47	0.957
26	18	4,230	3,680	0.87	0.736	4,050	3,524	0.87	0.773	3,888	3,383	0.87	0.810	3,744	3,257	0.87	0.846
26	20	4,410	3,308	0.75	0.773	4,230	3,173	0.75	0.819	4,104	3,078	0.75	0.837	3,960	2,970	0.75	0.874
26	22	4,590	2,892	0.63	0.800	4,428	2,790	0.63	0.851	4,320	2,722	0.63	0.874	4,140	2,608	0.63	0.911
26	24	4,824	2,460	0.51	0.837	4,644	2,368	0.51	0.883	4,536	2,313	0.51	0.911	4,392	2,240	0.51	0.957
26	26	4,968	1,938	0.39	0.883	4,824	1,881	0.39	0.929	4,752	1,853	0.39	0.957	4,608	1,797	0.39	0.984
27	18	4,230	3,849	0.91	0.736	4,050	3,686	0.91	0.773	3,888	3,538	0.91	0.810	3,744	3,407	0.91	0.846
27	20	4,410	3,484	0.79	0.773	4,230	3,342	0.79	0.819	4,104	3,242	0.79	0.837	3,960	3,128	0.79	0.874
27	22	4,590	3,075	0.67	0.800	4,428	2,967	0.67	0.851	4,320	2,894	0.67	0.874	4,140	2,774	0.67	0.911
27	24	4,824	2,653	0.55	0.837	4,644	2,554	0.55	0.883	4,536	2,495	0.55	0.911	4,392	2,416	0.55	0.957
27	26	4,968	2,136	0.43	0.883	4,824	2,074	0.43	0.929	4,752	2,043	0.43	0.957	4,608	1,981	0.43	0.984
28	18	4,230	4,019	0.95	0.736	4,050	3,848	0.95	0.773	3,888	3,694	0.95	0.810	3,744	3,557	0.95	0.846
28	20	4,410	3,660	0.83	0.773	4,230	3,511	0.83	0.819	4,104	3,406	0.83	0.837	3,960	3,287	0.83	0.874
28	22	4,590	3,259	0.71	0.800	4,428	3,144	0.71	0.851	4,320	3,067	0.71	0.874	4,140	2,939	0.71	0.911
28	24	4,824	2,846	0.59	0.837	4,644	2,740	0.59	0.883	4,536	2,676	0.59	0.911	4,392	2,591	0.59	0.957
28	26	4,968	2,335	0.47	0.883	4,824	2,267	0.47	0.929	4,752	2,233	0.47	0.957	4,608	2,166	0.47	0.984
29	18	4,230	4,188	0.99	0.736	4,050	4,010	0.99	0.773	3,888	3,849	0.99	0.810	3,744	3,707	0.99	0.846
29	20	4,410	3,837	0.87	0.773	4,230	3,680	0.87	0.819	4,104	3,570	0.87	0.837	3,960	3,445	0.87	0.874
29	22	4,590	3,443	0.75	0.800	4,428	3,321	0.75	0.851	4,320	3,240	0.75	0.874	4,140	3,105	0.75	0.911
29	24	4,824	3,039	0.63	0.837	4,644	2,926	0.63	0.883	4,536	2,858	0.63	0.911	4,392	2,767	0.63	0.957
29	26	4,968	2,534	0.51	0.883	4,824	2,460	0.51	0.929	4,752	2,424	0.51	0.957	4,608	2,350	0.51	0.984
30	18	4,230	4,357	1.03	0.736	4,050	4,172	1.03	0.773	3,888	4,005	1.03	0.810	3,744	3,856	1.03	0.846
30	20	4,410	4,013	0.91	0.773	4,230	3,849	0.91	0.819	4,104	3,735	0.91	0.837	3,960	3,604	0.91	0.874
30	22	4,590	3,626	0.79	0.800	4,428	3,498	0.79	0.851	4,320	3,413	0.79	0.874	4,140	3,271	0.79	0.911
30	24	4,824	3,232	0.67	0.837	4,644	3,111	0.67	0.883	4,536	3,039	0.67	0.911	4,392	2,943	0.67	0.957
30	26	4,968	2,732	0.55	0.883	4,824	2,653	0.55	0.929	4,752	2,614	0.55	0.957	4,608	2,534	0.55	0.984
31	18	4,230	4,526	1.07	0.736	4,050	4,334	1.07	0.773	3,888	4,160	1.07	0.810	3,744	4,006	1.07	0.846
31	20	4,410	4,190	0.95	0.773	4,230	4,019	0.95	0.819	4,104	3,899	0.95	0.837	3,960	3,762	0.95	0.874
31	22	4,590	3,810	0.83	0.800	4,428	3,675	0.83	0.851	4,320	3,586	0.83	0.874	4,140	3,436	0.83	0.911
31	24	4,824	3,425	0.71	0.837	4,644	3,297	0.71	0.883	4,536	3,221	0.71	0.911	4,392	3,118	0.71	0.957
31	26	4,968	2,931	0.59	0.883	4,824	2,846	0.59	0.929	4,752	2,804	0.59	0.957	4,608	2,719	0.59	0.984
32	18	4,230	4,695	1.11	0.736	4,050	4,496	1.11	0.773	3,888	4,316	1.11	0.810	3,744	4,156	1.11	0.846
32	20	4,410	4,366	0.99	0.773	4,230	4,188	0.99	0.819	4,104	4,063	0.99	0.837	3,960	3,920	0.99	0.874
32	22	4,590	3,993	0.87	0.800	4,428	3,852	0.87	0.851	4,320	3,758	0.87	0.874	4,140	3,602	0.87	0.911
32	24	4,824	3,618	0.75	0.837	4,644	3,483	0.75	0.883	4,536	3,402	0.75	0.911	4,392	3,294	0.75	0.957
32	26	4,968	3,130	0.63	0.883	4,824	3,039	0.63	0.929	4,752	2,994	0.63	0.957	4,608	2,903	0.63	0.984

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M35JA / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,364	0.67	0.902	3,240	2,171	0.67	0.957	2,988	2,002	0.67	0.994
21	20	3,708	2,039	0.55	0.938	3,456	1,901	0.55	0.984	3,204	1,762	0.55	1.040
22	18	3,528	2,505	0.71	0.902	3,240	2,300	0.71	0.957	2,988	2,121	0.71	0.994
22	20	3,708	2,188	0.59	0.938	3,456	2,039	0.59	0.984	3,204	1,890	0.59	1.040
22	22	3,924	1,844	0.47	0.975	3,672	1,726	0.47	1.030	3,420	1,607	0.47	1.067
23	18	3,528	2,646	0.75	0.902	3,240	2,430	0.75	0.957	2,988	2,241	0.75	0.994
23	20	3,708	2,336	0.63	0.938	3,456	2,177	0.63	0.984	3,204	2,019	0.63	1.040
23	22	3,924	2,001	0.51	0.975	3,672	1,873	0.51	1.030	3,420	1,744	0.51	1.067
24	18	3,528	2,787	0.79	0.902	3,240	2,560	0.79	0.957	2,988	2,361	0.79	0.994
24	20	3,708	2,484	0.67	0.938	3,456	2,316	0.67	0.984	3,204	2,147	0.67	1.040
24	22	3,924	2,158	0.55	0.975	3,672	2,020	0.55	1.030	3,420	1,881	0.55	1.067
24	24	4,140	1,780	0.43	1.012	3,888	1,672	0.43	1.058	3,672	1,579	0.43	1.104
25	20	3,708	2,633	0.71	0.938	3,456	2,454	0.71	0.984	3,204	2,275	0.71	1.040
25	22	3,924	2,315	0.59	0.975	3,672	2,166	0.59	1.030	3,420	2,018	0.59	1.067
25	24	4,140	1,946	0.47	1.012	3,888	1,827	0.47	1.058	3,672	1,726	0.47	1.104
26	18	3,528	3,069	0.87	0.902	3,240	2,819	0.87	0.957	2,988	2,600	0.87	0.994
26	20	3,708	2,781	0.75	0.938	3,456	2,592	0.75	0.984	3,204	2,403	0.75	1.040
26	22	3,924	2,472	0.63	0.975	3,672	2,313	0.63	1.030	3,420	2,155	0.63	1.067
26	24	4,140	2,111	0.51	1.012	3,888	1,983	0.51	1.058	3,672	1,873	0.51	1.104
26	26	4,356	1,699	0.39	1.049	4,104	1,601	0.39	1.095	3,852	1,502	0.39	1.141
27	18	3,528	3,210	0.91	0.902	3,240	2,948	0.91	0.957	2,988	2,719	0.91	0.994
27	20	3,708	2,929	0.79	0.938	3,456	2,730	0.79	0.984	3,204	2,531	0.79	1.040
27	22	3,924	2,629	0.67	0.975	3,672	2,460	0.67	1.030	3,420	2,291	0.67	1.067
27	24	4,140	2,277	0.55	1.012	3,888	2,138	0.55	1.058	3,672	2,020	0.55	1.104
27	26	4,356	1,873	0.43	1.049	4,104	1,765	0.43	1.095	3,852	1,656	0.43	1.141
28	18	3,528	3,352	0.95	0.902	3,240	3,078	0.95	0.957	2,988	2,839	0.95	0.994
28	20	3,708	3,078	0.83	0.938	3,456	2,868	0.83	0.984	3,204	2,659	0.83	1.040
28	22	3,924	2,786	0.71	0.975	3,672	2,607	0.71	1.030	3,420	2,428	0.71	1.067
28	24	4,140	2,443	0.59	1.012	3,888	2,294	0.59	1.058	3,672	2,166	0.59	1.104
28	26	4,356	2,047	0.47	1.049	4,104	1,929	0.47	1.095	3,852	1,810	0.47	1.141
29	18	3,528	3,493	0.99	0.902	3,240	3,208	0.99	0.957	2,988	2,958	0.99	0.994
29	20	3,708	3,226	0.87	0.938	3,456	3,007	0.87	0.984	3,204	2,787	0.87	1.040
29	22	3,924	2,943	0.75	0.975	3,672	2,754	0.75	1.030	3,420	2,565	0.75	1.067
29	24	4,140	2,608	0.63	1.012	3,888	2,449	0.63	1.058	3,672	2,313	0.63	1.104
29	26	4,356	2,222	0.51	1.049	4,104	2,093	0.51	1.095	3,852	1,965	0.51	1.141
30	18	3,528	3,634	1.03	0.902	3,240	3,337	1.03	0.957	2,988	3,078	1.03	0.994
30	20	3,708	3,374	0.91	0.938	3,456	3,145	0.91	0.984	3,204	2,916	0.91	1.040
30	22	3,924	3,100	0.79	0.975	3,672	2,901	0.79	1.030	3,420	2,702	0.79	1.067
30	24	4,140	2,774	0.67	1.012	3,888	2,605	0.67	1.058	3,672	2,460	0.67	1.104
30	26	4,356	2,396	0.55	1.049	4,104	2,257	0.55	1.095	3,852	2,119	0.55	1.141
31	18	3,528	3,775	1.07	0.902	3,240	3,467	1.07	0.957	2,988	3,197	1.07	0.994
31	20	3,708	3,523	0.95	0.938	3,456	3,283	0.95	0.984	3,204	3,044	0.95	1.040
31	22	3,924	3,257	0.83	0.975	3,672	3,048	0.83	1.030	3,420	2,839	0.83	1.067
31	24	4,140	2,939	0.71	1.012	3,888	2,760	0.71	1.058	3,672	2,607	0.71	1.104
31	26	4,356	2,570	0.59	1.049	4,104	2,421	0.59	1.095	3,852	2,273	0.59	1.141
32	18	3,528	3,916	1.11	0.902	3,240	3,596	1.11	0.957	2,988	3,317	1.11	0.994
32	20	3,708	3,671	0.99	0.938	3,456	3,421	0.99	0.984	3,204	3,172	0.99	1.040
32	22	3,924	3,414	0.87	0.975	3,672	3,195	0.87	1.030	3,420	2,975	0.87	1.067
32	24	4,140	3,105	0.75	1.012	3,888	2,916	0.75	1.058	3,672	2,754	0.75	1.104
32	26	4,356	2,744	0.63	1.049	4,104	2,586	0.63	1.095	3,852	2,427	0.63	1.141

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M50JA / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,875	3,878	0.66	1.080	5,625	3,713	0.66	1.134	5,400	3,564	0.66	1.188	5,200	3,432	0.66	1.242
21	20	6,125	3,308	0.54	1.134	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	1.080	5,625	3,938	0.70	1.134	5,400	3,780	0.70	1.188	5,200	3,640	0.70	1.242
22	20	6,125	3,553	0.58	1.134	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	1.249	6,000	2,760	0.46	1.283	5,750	2,645	0.46	1.337
23	18	5,875	4,348	0.74	1.080	5,625	4,163	0.74	1.134	5,400	3,996	0.74	1.188	5,200	3,848	0.74	1.242
23	20	6,125	3,798	0.62	1.134	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	1.249	6,000	3,000	0.50	1.283	5,750	2,875	0.50	1.337
24	18	5,875	4,583	0.78	1.080	5,625	4,388	0.78	1.134	5,400	4,212	0.78	1.188	5,200	4,056	0.78	1.242
24	20	6,125	4,043	0.66	1.134	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	1.249	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	1.296	6,300	2,646	0.42	1.337	6,100	2,562	0.42	1.404
25	20	6,125	4,288	0.70	1.134	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	1.249	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	1.296	6,300	2,898	0.46	1.337	6,100	2,806	0.46	1.404
26	18	5,875	5,053	0.86	1.080	5,625	4,838	0.86	1.134	5,400	4,644	0.86	1.188	5,200	4,472	0.86	1.242
26	20	6,125	4,533	0.74	1.134	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	1.249	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	1.296	6,300	3,150	0.50	1.337	6,100	3,050	0.50	1.404
26	26	6,900	2,622	0.38	1.296	6,700	2,546	0.38	1.364	6,600	2,508	0.38	1.404	6,400	2,432	0.38	1.445
27	18	5,875	5,288	0.90	1.080	5,625	5,063	0.90	1.134	5,400	4,860	0.90	1.188	5,200	4,680	0.90	1.242
27	20	6,125	4,778	0.78	1.134	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	1.249	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	1.296	6,300	3,402	0.54	1.337	6,100	3,294	0.54	1.404
27	26	6,900	2,898	0.42	1.296	6,700	2,814	0.42	1.364	6,600	2,772	0.42	1.404	6,400	2,688	0.42	1.445
28	18	5,875	5,523	0.94	1.080	5,625	5,288	0.94	1.134	5,400	5,076	0.94	1.188	5,200	4,888	0.94	1.242
28	20	6,125	5,023	0.82	1.134	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	1.249	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	1.296	6,300	3,654	0.58	1.337	6,100	3,538	0.58	1.404
28	26	6,900	3,174	0.46	1.296	6,700	3,082	0.46	1.364	6,600	3,036	0.46	1.404	6,400	2,944	0.46	1.445
29	18	5,875	5,758	0.98	1.080	5,625	5,513	0.98	1.134	5,400	5,292	0.98	1.188	5,200	5,096	0.98	1.242
29	20	6,125	5,268	0.86	1.134	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	1.249	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	1.296	6,300	3,906	0.62	1.337	6,100	3,782	0.62	1.404
29	26	6,900	3,450	0.50	1.296	6,700	3,350	0.50	1.364	6,600	3,300	0.50	1.404	6,400	3,200	0.50	1.445
30	18	5,875	5,993	1.02	1.080	5,625	5,738	1.02	1.134	5,400	5,508	1.02	1.188	5,200	5,304	1.02	1.242
30	20	6,125	5,513	0.90	1.134	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	1.249	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	1.296	6,300	4,158	0.66	1.337	6,100	4,026	0.66	1.404
30	26	6,900	3,726	0.54	1.296	6,700	3,618	0.54	1.364	6,600	3,564	0.54	1.404	6,400	3,456	0.54	1.445
31	18	5,875	6,228	1.06	1.080	5,625	5,963	1.06	1.134	5,400	5,724	1.06	1.188	5,200	5,512	1.06	1.242
31	20	6,125	5,758	0.94	1.134	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	1.249	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	1.296	6,300	4,410	0.70	1.337	6,100	4,270	0.70	1.404
31	26	6,900	4,002	0.58	1.296	6,700	3,886	0.58	1.364	6,600	3,828	0.58	1.404	6,400	3,712	0.58	1.445
32	18	5,875	6,463	1.10	1.080	5,625	6,188	1.10	1.134	5,400	5,940	1.10	1.188	5,200	5,720	1.10	1.242
32	20	6,125	6,003	0.98	1.134	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	1.249	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	1.296	6,300	4,662	0.74	1.337	6,100	4,514	0.74	1.404
32	26	6,900	4,278	0.62	1.296	6,700	4,154	0.62	1.364	6,600	4,092	0.62	1.404	6,400	3,968	0.62	1.445

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M50JA / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,900	3,234	0.66	1.323	4,500	2,970	0.66	1.404	4,150	2,739	0.66	1.458
21	20	5,150	2,781	0.54	1.377	4,800	2,592	0.54	1.445	4,450	2,403	0.54	1.526
22	18	4,900	3,430	0.70	1.323	4,500	3,150	0.70	1.404	4,150	2,905	0.70	1.458
22	20	5,150	2,987	0.58	1.377	4,800	2,784	0.58	1.445	4,450	2,581	0.58	1.526
22	22	5,450	2,507	0.46	1.431	5,100	2,346	0.46	1.512	4,750	2,185	0.46	1.566
23	18	4,900	3,626	0.74	1.323	4,500	3,330	0.74	1.404	4,150	3,071	0.74	1.458
23	20	5,150	3,193	0.62	1.377	4,800	2,976	0.62	1.445	4,450	2,759	0.62	1.526
23	22	5,450	2,725	0.50	1.431	5,100	2,550	0.50	1.512	4,750	2,375	0.50	1.566
24	18	4,900	3,822	0.78	1.323	4,500	3,510	0.78	1.404	4,150	3,237	0.78	1.458
24	20	5,150	3,399	0.66	1.377	4,800	3,168	0.66	1.445	4,450	2,937	0.66	1.526
24	22	5,450	2,943	0.54	1.431	5,100	2,754	0.54	1.512	4,750	2,565	0.54	1.566
24	24	5,750	2,415	0.42	1.485	5,400	2,268	0.42	1.553	5,100	2,142	0.42	1.620
25	20	5,150	3,605	0.70	1.377	4,800	3,360	0.70	1.445	4,450	3,115	0.70	1.526
25	22	5,450	3,161	0.58	1.431	5,100	2,958	0.58	1.512	4,750	2,755	0.58	1.566
25	24	5,750	2,645	0.46	1.485	5,400	2,484	0.46	1.553	5,100	2,346	0.46	1.620
26	18	4,900	4,214	0.86	1.323	4,500	3,870	0.86	1.404	4,150	3,569	0.86	1.458
26	20	5,150	3,811	0.74	1.377	4,800	3,552	0.74	1.445	4,450	3,293	0.74	1.526
26	22	5,450	3,379	0.62	1.431	5,100	3,162	0.62	1.512	4,750	2,945	0.62	1.566
26	24	5,750	2,875	0.50	1.485	5,400	2,700	0.50	1.553	5,100	2,550	0.50	1.620
26	26	6,050	2,299	0.38	1.539	5,700	2,166	0.38	1.607	5,350	2,033	0.38	1.674
27	18	4,900	4,410	0.90	1.323	4,500	4,050	0.90	1.404	4,150	3,735	0.90	1.458
27	20	5,150	4,017	0.78	1.377	4,800	3,744	0.78	1.445	4,450	3,471	0.78	1.526
27	22	5,450	3,597	0.66	1.431	5,100	3,366	0.66	1.512	4,750	3,135	0.66	1.566
27	24	5,750	3,105	0.54	1.485	5,400	2,916	0.54	1.553	5,100	2,754	0.54	1.620
27	26	6,050	2,541	0.42	1.539	5,700	2,394	0.42	1.607	5,350	2,247	0.42	1.674
28	18	4,900	4,606	0.94	1.323	4,500	4,230	0.94	1.404	4,150	3,901	0.94	1.458
28	20	5,150	4,223	0.82	1.377	4,800	3,936	0.82	1.445	4,450	3,649	0.82	1.526
28	22	5,450	3,815	0.70	1.431	5,100	3,570	0.70	1.512	4,750	3,325	0.70	1.566
28	24	5,750	3,335	0.58	1.485	5,400	3,132	0.58	1.553	5,100	2,958	0.58	1.620
28	26	6,050	2,783	0.46	1.539	5,700	2,622	0.46	1.607	5,350	2,461	0.46	1.674
29	18	4,900	4,802	0.98	1.323	4,500	4,410	0.98	1.404	4,150	4,067	0.98	1.458
29	20	5,150	4,429	0.86	1.377	4,800	4,128	0.86	1.445	4,450	3,827	0.86	1.526
29	22	5,450	4,033	0.74	1.431	5,100	3,774	0.74	1.512	4,750	3,515	0.74	1.566
29	24	5,750	3,565	0.62	1.485	5,400	3,348	0.62	1.553	5,100	3,162	0.62	1.620
29	26	6,050	3,025	0.50	1.539	5,700	2,850	0.50	1.607	5,350	2,675	0.50	1.674
30	18	4,900	4,998	1.02	1.323	4,500	4,590	1.02	1.404	4,150	4,233	1.02	1.458
30	20	5,150	4,635	0.90	1.377	4,800	4,320	0.90	1.445	4,450	4,005	0.90	1.526
30	22	5,450	4,251	0.78	1.431	5,100	3,978	0.78	1.512	4,750	3,705	0.78	1.566
30	24	5,750	3,795	0.66	1.485	5,400	3,564	0.66	1.553	5,100	3,366	0.66	1.620
30	26	6,050	3,267	0.54	1.539	5,700	3,078	0.54	1.607	5,350	2,889	0.54	1.674
31	18	4,900	5,194	1.06	1.323	4,500	4,770	1.06	1.404	4,150	4,399	1.06	1.458
31	20	5,150	4,841	0.94	1.377	4,800	4,512	0.94	1.445	4,450	4,183	0.94	1.526
31	22	5,450	4,469	0.82	1.431	5,100	4,182	0.82	1.512	4,750	3,895	0.82	1.566
31	24	5,750	4,025	0.70	1.485	5,400	3,780	0.70	1.553	5,100	3,570	0.70	1.620
31	26	6,050	3,509	0.58	1.539	5,700	3,306	0.58	1.607	5,350	3,103	0.58	1.674
32	18	4,900	5,390	1.10	1.323	4,500	4,950	1.10	1.404	4,150	4,565	1.10	1.458
32	20	5,150	5,047	0.98	1.377	4,800	4,704	0.98	1.445	4,450	4,361	0.98	1.526
32	22	5,450	4,687	0.86	1.431	5,100	4,386	0.86	1.512	4,750	4,085	0.86	1.566
32	24	5,750	4,255	0.74	1.485	5,400	3,996	0.74	1.553	5,100	3,774	0.74	1.620
32	26	6,050	3,751	0.62	1.539	5,700	3,534	0.62	1.607	5,350	3,317	0.62	1.674

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M60JA / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	7,168	4,659	0.65	1.352	6,863	4,461	0.65	1.420	6,588	4,282	0.65	1.487	6,344	4,124	0.65	1.555
21	20	7,473	3,960	0.53	1.420	7,168	3,799	0.53	1.504	6,954	3,686	0.53	1.538	6,710	3,556	0.53	1.606
22	18	7,168	4,946	0.69	1.352	6,863	4,735	0.69	1.420	6,588	4,546	0.69	1.487	6,344	4,377	0.69	1.555
22	20	7,473	4,259	0.57	1.420	7,168	4,085	0.57	1.504	6,954	3,964	0.57	1.538	6,710	3,825	0.57	1.606
22	22	7,778	3,500	0.45	1.470	7,503	3,376	0.45	1.563	7,320	3,294	0.45	1.606	7,015	3,157	0.45	1.673
23	18	7,168	5,232	0.73	1.352	6,863	5,010	0.73	1.420	6,588	4,809	0.73	1.487	6,344	4,631	0.73	1.555
23	20	7,473	4,558	0.61	1.420	7,168	4,372	0.61	1.504	6,954	4,242	0.61	1.538	6,710	4,093	0.61	1.606
23	22	7,778	3,811	0.49	1.470	7,503	3,676	0.49	1.563	7,320	3,587	0.49	1.606	7,015	3,437	0.49	1.673
24	18	7,168	5,519	0.77	1.352	6,863	5,284	0.77	1.420	6,588	5,073	0.77	1.487	6,344	4,885	0.77	1.555
24	20	7,473	4,857	0.65	1.420	7,168	4,659	0.65	1.504	6,954	4,520	0.65	1.538	6,710	4,362	0.65	1.606
24	22	7,778	4,122	0.53	1.470	7,503	3,977	0.53	1.563	7,320	3,880	0.53	1.606	7,015	3,718	0.53	1.673
24	24	8,174	3,351	0.41	1.538	7,869	3,226	0.41	1.622	7,686	3,151	0.41	1.673	7,442	3,051	0.41	1.758
25	20	7,473	5,156	0.69	1.420	7,168	4,946	0.69	1.504	6,954	4,798	0.69	1.538	6,710	4,630	0.69	1.606
25	22	7,778	4,433	0.57	1.470	7,503	4,277	0.57	1.563	7,320	4,172	0.57	1.606	7,015	3,999	0.57	1.673
25	24	8,174	3,678	0.45	1.538	7,869	3,541	0.45	1.622	7,686	3,459	0.45	1.673	7,442	3,349	0.45	1.758
26	18	7,168	6,092	0.85	1.352	6,863	5,833	0.85	1.420	6,588	5,600	0.85	1.487	6,344	5,392	0.85	1.555
26	20	7,473	5,455	0.73	1.420	7,168	5,232	0.73	1.504	6,954	5,076	0.73	1.538	6,710	4,898	0.73	1.606
26	22	7,778	4,744	0.61	1.470	7,503	4,577	0.61	1.563	7,320	4,465	0.61	1.606	7,015	4,279	0.61	1.673
26	24	8,174	4,005	0.49	1.538	7,869	3,856	0.49	1.622	7,686	3,766	0.49	1.673	7,442	3,647	0.49	1.758
26	26	8,418	3,115	0.37	1.622	8,174	3,024	0.37	1.707	8,052	2,979	0.37	1.758	7,808	2,889	0.37	1.808
27	18	7,168	6,379	0.89	1.352	6,863	6,108	0.89	1.420	6,588	5,863	0.89	1.487	6,344	5,646	0.89	1.555
27	20	7,473	5,754	0.77	1.420	7,168	5,519	0.77	1.504	6,954	5,355	0.77	1.538	6,710	5,167	0.77	1.606
27	22	7,778	5,055	0.65	1.470	7,503	4,877	0.65	1.563	7,320	4,758	0.65	1.606	7,015	4,560	0.65	1.673
27	24	8,174	4,332	0.53	1.538	7,869	4,171	0.53	1.622	7,686	4,074	0.53	1.673	7,442	3,944	0.53	1.758
27	26	8,418	3,451	0.41	1.622	8,174	3,351	0.41	1.707	8,052	3,301	0.41	1.758	7,808	3,201	0.41	1.808
28	18	7,168	6,666	0.93	1.352	6,863	6,382	0.93	1.420	6,588	6,127	0.93	1.487	6,344	5,900	0.93	1.555
28	20	7,473	6,053	0.81	1.420	7,168	5,806	0.81	1.504	6,954	5,633	0.81	1.538	6,710	5,435	0.81	1.606
28	22	7,778	5,366	0.69	1.470	7,503	5,177	0.69	1.563	7,320	5,051	0.69	1.606	7,015	4,840	0.69	1.673
28	24	8,174	4,659	0.57	1.538	7,869	4,485	0.57	1.622	7,686	4,381	0.57	1.673	7,442	4,242	0.57	1.758
28	26	8,418	3,788	0.45	1.622	8,174	3,678	0.45	1.707	8,052	3,623	0.45	1.758	7,808	3,514	0.45	1.808
29	18	7,168	6,952	0.97	1.352	6,863	6,657	0.97	1.420	6,588	6,390	0.97	1.487	6,344	6,154	0.97	1.555
29	20	7,473	6,352	0.85	1.420	7,168	6,092	0.85	1.504	6,954	5,911	0.85	1.538	6,710	5,704	0.85	1.606
29	22	7,778	5,678	0.73	1.470	7,503	5,477	0.73	1.563	7,320	5,344	0.73	1.606	7,015	5,121	0.73	1.673
29	24	8,174	4,986	0.61	1.538	7,869	4,800	0.61	1.622	7,686	4,688	0.61	1.673	7,442	4,540	0.61	1.758
29	26	8,418	4,125	0.49	1.622	8,174	4,005	0.49	1.707	8,052	3,945	0.49	1.758	7,808	3,826	0.49	1.808
30	18	7,168	7,239	1.01	1.352	6,863	6,931	1.01	1.420	6,588	6,654	1.01	1.487	6,344	6,407	1.01	1.555
30	20	7,473	6,651	0.89	1.420	7,168	6,379	0.89	1.504	6,954	6,189	0.89	1.538	6,710	5,972	0.89	1.606
30	22	7,778	5,989	0.77	1.470	7,503	5,777	0.77	1.563	7,320	5,636	0.77	1.606	7,015	5,402	0.77	1.673
30	24	8,174	5,313	0.65	1.538	7,869	5,115	0.65	1.622	7,686	4,996	0.65	1.673	7,442	4,837	0.65	1.758
30	26	8,418	4,462	0.53	1.622	8,174	4,332	0.53	1.707	8,052	4,268	0.53	1.758	7,808	4,138	0.53	1.808
31	18	7,168	7,526	1.05	1.352	6,863	7,206	1.05	1.420	6,588	6,917	1.05	1.487	6,344	6,661	1.05	1.555
31	20	7,473	6,949	0.93	1.420	7,168	6,666	0.93	1.504	6,954	6,467	0.93	1.538	6,710	6,240	0.93	1.606
31	22	7,778	6,300	0.81	1.470	7,503	6,077	0.81	1.563	7,320	5,929	0.81	1.606	7,015	5,682	0.81	1.673
31	24	8,174	5,640	0.69	1.538	7,869	5,430	0.69	1.622	7,686	5,303	0.69	1.673	7,442	5,135	0.69	1.758
31	26	8,418	4,798	0.57	1.622	8,174	4,659	0.57	1.707	8,052	4,590	0.57	1.758	7,808	4,451	0.57	1.808
32	18	7,168	7,813	1.09	1.352	6,863	7,480	1.09	1.420	6,588	7,181	1.09	1.487	6,344	6,915	1.09	1.555
32	20	7,473	7,248	0.97	1.420	7,168	6,952	0.97	1.504	6,954	6,745	0.97	1.538	6,710	6,509	0.97	1.606
32	22	7,778	6,611	0.85	1.470	7,503	6,378	0.85	1.563	7,320	6,222	0.85	1.606	7,015	5,963	0.85	1.673
32	24	8,174	5,967	0.73	1.538	7,869	5,744	0.73	1.622	7,686	5,611	0.73	1.673	7,442	5,433	0.73	1.758
32	26	8,418	5,135	0.61	1.622	8,174	4,986	0.61	1.707	8,052	4,912	0.61	1.758	7,808	4,763	0.61	1.808

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M60JA / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,978	3,886	0.65	1.656	5,490	3,569	0.65	1.758	5,063	3,291	0.65	1.825
21	20	6,283	3,330	0.53	1.724	5,856	3,104	0.53	1.808	5,429	2,877	0.53	1.910
22	18	5,978	4,125	0.69	1.656	5,490	3,788	0.69	1.758	5,063	3,493	0.69	1.825
22	20	6,283	3,581	0.57	1.724	5,856	3,338	0.57	1.808	5,429	3,095	0.57	1.910
22	22	6,649	2,992	0.45	1.791	6,222	2,800	0.45	1.893	5,795	2,608	0.45	1.960
23	18	5,978	4,364	0.73	1.656	5,490	4,008	0.73	1.758	5,063	3,696	0.73	1.825
23	20	6,283	3,833	0.61	1.724	5,856	3,572	0.61	1.808	5,429	3,312	0.61	1.910
23	22	6,649	3,258	0.49	1.791	6,222	3,049	0.49	1.893	5,795	2,840	0.49	1.960
24	18	5,978	4,603	0.77	1.656	5,490	4,227	0.77	1.758	5,063	3,899	0.77	1.825
24	20	6,283	4,084	0.65	1.724	5,856	3,806	0.65	1.808	5,429	3,529	0.65	1.910
24	22	6,649	3,524	0.53	1.791	6,222	3,298	0.53	1.893	5,795	3,071	0.53	1.960
24	24	7,015	2,876	0.41	1.859	6,588	2,701	0.41	1.944	6,222	2,551	0.41	2.028
25	20	6,283	4,335	0.69	1.724	5,856	4,041	0.69	1.808	5,429	3,746	0.69	1.910
25	22	6,649	3,790	0.57	1.791	6,222	3,547	0.57	1.893	5,795	3,303	0.57	1.960
25	24	7,015	3,157	0.45	1.859	6,588	2,965	0.45	1.944	6,222	2,800	0.45	2.028
26	18	5,978	5,081	0.85	1.656	5,490	4,667	0.85	1.758	5,063	4,304	0.85	1.825
26	20	6,283	4,587	0.73	1.724	5,856	4,275	0.73	1.808	5,429	3,963	0.73	1.910
26	22	6,649	4,056	0.61	1.791	6,222	3,795	0.61	1.893	5,795	3,535	0.61	1.960
26	24	7,015	3,437	0.49	1.859	6,588	3,228	0.49	1.944	6,222	3,049	0.49	2.028
26	26	7,381	2,731	0.37	1.927	6,954	2,573	0.37	2.011	6,527	2,415	0.37	2.096
27	18	5,978	5,320	0.89	1.656	5,490	4,886	0.89	1.758	5,063	4,506	0.89	1.825
27	20	6,283	4,838	0.77	1.724	5,856	4,509	0.77	1.808	5,429	4,180	0.77	1.910
27	22	6,649	4,322	0.65	1.791	6,222	4,044	0.65	1.893	5,795	3,767	0.65	1.960
27	24	7,015	3,718	0.53	1.859	6,588	3,492	0.53	1.944	6,222	3,298	0.53	2.028
27	26	7,381	3,026	0.41	1.927	6,954	2,851	0.41	2.011	6,527	2,676	0.41	2.096
28	18	5,978	5,560	0.93	1.656	5,490	5,106	0.93	1.758	5,063	4,709	0.93	1.825
28	20	6,283	5,089	0.81	1.724	5,856	4,743	0.81	1.808	5,429	4,397	0.81	1.910
28	22	6,649	4,588	0.69	1.791	6,222	4,293	0.69	1.893	5,795	3,999	0.69	1.960
28	24	7,015	3,999	0.57	1.859	6,588	3,755	0.57	1.944	6,222	3,547	0.57	2.028
28	26	7,381	3,321	0.45	1.927	6,954	3,129	0.45	2.011	6,527	2,937	0.45	2.096
29	18	5,978	5,799	0.97	1.656	5,490	5,325	0.97	1.758	5,063	4,911	0.97	1.825
29	20	6,283	5,341	0.85	1.724	5,856	4,978	0.85	1.808	5,429	4,615	0.85	1.910
29	22	6,649	4,854	0.73	1.791	6,222	4,542	0.73	1.893	5,795	4,230	0.73	1.960
29	24	7,015	4,279	0.61	1.859	6,588	4,019	0.61	1.944	6,222	3,795	0.61	2.028
29	26	7,381	3,617	0.49	1.927	6,954	3,407	0.49	2.011	6,527	3,198	0.49	2.096
30	18	5,978	6,038	1.01	1.656	5,490	5,545	1.01	1.758	5,063	5,114	1.01	1.825
30	20	6,283	5,592	0.89	1.724	5,856	5,212	0.89	1.808	5,429	4,832	0.89	1.910
30	22	6,649	5,120	0.77	1.791	6,222	4,791	0.77	1.893	5,795	4,462	0.77	1.960
30	24	7,015	4,560	0.65	1.859	6,588	4,282	0.65	1.944	6,222	4,044	0.65	2.028
30	26	7,381	3,912	0.53	1.927	6,954	3,686	0.53	2.011	6,527	3,459	0.53	2.096
31	18	5,978	6,277	1.05	1.656	5,490	5,765	1.05	1.758	5,063	5,316	1.05	1.825
31	20	6,283	5,843	0.93	1.724	5,856	5,446	0.93	1.808	5,429	5,049	0.93	1.910
31	22	6,649	5,386	0.81	1.791	6,222	5,040	0.81	1.893	5,795	4,694	0.81	1.960
31	24	7,015	4,840	0.69	1.859	6,588	4,546	0.69	1.944	6,222	4,293	0.69	2.028
31	26	7,381	4,207	0.57	1.927	6,954	3,964	0.57	2.011	6,527	3,720	0.57	2.096
32	18	5,978	6,516	1.09	1.656	5,490	5,984	1.09	1.758	5,063	5,519	1.09	1.825
32	20	6,283	6,095	0.97	1.724	5,856	5,680	0.97	1.808	5,429	5,266	0.97	1.910
32	22	6,649	5,652	0.85	1.791	6,222	5,289	0.85	1.893	5,795	4,926	0.85	1.960
32	24	7,015	5,121	0.73	1.859	6,588	4,809	0.73	1.944	6,222	4,542	0.73	2.028
32	26	7,381	4,502	0.61	1.927	6,954	4,242	0.61	2.011	6,527	3,981	0.61	2.096

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JA / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.616	7,988	5,192	0.65	1.697	7,668	4,984	0.65	1.778	7,384	4,800	0.65	1.858
21	20	8,698	4,610	0.53	1.697	8,343	4,422	0.53	1.798	8,094	4,290	0.53	1.838	7,810	4,139	0.53	1.919
22	18	8,343	5,756	0.69	1.616	7,988	5,511	0.69	1.697	7,668	5,291	0.69	1.778	7,384	5,095	0.69	1.858
22	20	8,698	4,958	0.57	1.697	8,343	4,755	0.57	1.798	8,094	4,614	0.57	1.838	7,810	4,452	0.57	1.919
22	22	9,053	4,074	0.45	1.757	8,733	3,930	0.45	1.869	8,520	3,834	0.45	1.919	8,165	3,674	0.45	2.000
23	18	8,343	6,090	0.73	1.616	7,988	5,831	0.73	1.697	7,668	5,598	0.73	1.778	7,384	5,390	0.73	1.858
23	20	8,698	5,305	0.61	1.697	8,343	5,089	0.61	1.798	8,094	4,937	0.61	1.838	7,810	4,764	0.61	1.919
23	22	9,053	4,436	0.49	1.757	8,733	4,279	0.49	1.869	8,520	4,175	0.49	1.919	8,165	4,001	0.49	2.000
24	18	8,343	6,424	0.77	1.616	7,988	6,150	0.77	1.697	7,668	5,904	0.77	1.778	7,384	5,686	0.77	1.858
24	20	8,698	5,653	0.65	1.697	8,343	5,423	0.65	1.798	8,094	5,261	0.65	1.838	7,810	5,077	0.65	1.919
24	22	9,053	4,798	0.53	1.757	8,733	4,628	0.53	1.869	8,520	4,516	0.53	1.919	8,165	4,327	0.53	2.000
24	24	9,514	3,901	0.41	1.838	9,159	3,755	0.41	1.939	8,946	3,668	0.41	2.000	8,662	3,551	0.41	2.101
25	20	8,698	6,001	0.69	1.697	8,343	5,756	0.69	1.798	8,094	5,585	0.69	1.838	7,810	5,389	0.69	1.919
25	22	9,053	5,160	0.57	1.757	8,733	4,978	0.57	1.869	8,520	4,856	0.57	1.919	8,165	4,654	0.57	2.000
25	24	9,514	4,281	0.45	1.838	9,159	4,122	0.45	1.939	8,946	4,026	0.45	2.000	8,662	3,898	0.45	2.101
26	18	8,343	7,091	0.85	1.616	7,988	6,789	0.85	1.697	7,668	6,518	0.85	1.778	7,384	6,276	0.85	1.858
26	20	8,698	6,349	0.73	1.697	8,343	6,090	0.73	1.798	8,094	5,909	0.73	1.838	7,810	5,701	0.73	1.919
26	22	9,053	5,522	0.61	1.757	8,733	5,327	0.61	1.869	8,520	5,197	0.61	1.919	8,165	4,981	0.61	2.000
26	24	9,514	4,662	0.49	1.838	9,159	4,488	0.49	1.939	8,946	4,384	0.49	2.000	8,662	4,244	0.49	2.101
26	26	9,798	3,625	0.37	1.939	9,514	3,520	0.37	2.040	9,372	3,468	0.37	2.101	9,088	3,363	0.37	2.161
27	18	8,343	7,425	0.89	1.616	7,988	7,109	0.89	1.697	7,668	6,825	0.89	1.778	7,384	6,572	0.89	1.858
27	20	8,698	6,697	0.77	1.697	8,343	6,424	0.77	1.798	8,094	6,232	0.77	1.838	7,810	6,014	0.77	1.919
27	22	9,053	5,884	0.65	1.757	8,733	5,676	0.65	1.869	8,520	5,538	0.65	1.919	8,165	5,307	0.65	2.000
27	24	9,514	5,042	0.53	1.838	9,159	4,854	0.53	1.939	8,946	4,741	0.53	2.000	8,662	4,591	0.53	2.101
27	26	9,798	4,017	0.41	1.939	9,514	3,901	0.41	2.040	9,372	3,843	0.41	2.101	9,088	3,726	0.41	2.161
28	18	8,343	7,759	0.93	1.616	7,988	7,428	0.93	1.697	7,668	7,131	0.93	1.778	7,384	6,867	0.93	1.858
28	20	8,698	7,045	0.81	1.697	8,343	6,757	0.81	1.798	8,094	6,556	0.81	1.838	7,810	6,326	0.81	1.919
28	22	9,053	6,246	0.69	1.757	8,733	6,026	0.69	1.869	8,520	5,879	0.69	1.919	8,165	5,634	0.69	2.000
28	24	9,514	5,423	0.57	1.838	9,159	5,221	0.57	1.939	8,946	5,099	0.57	2.000	8,662	4,937	0.57	2.101
28	26	9,798	4,409	0.45	1.939	9,514	4,281	0.45	2.040	9,372	4,217	0.45	2.101	9,088	4,090	0.45	2.161
29	18	8,343	8,092	0.97	1.616	7,988	7,748	0.97	1.697	7,668	7,438	0.97	1.778	7,384	7,162	0.97	1.858
29	20	8,698	7,393	0.85	1.697	8,343	7,091	0.85	1.798	8,094	6,880	0.85	1.838	7,810	6,639	0.85	1.919
29	22	9,053	6,608	0.73	1.757	8,733	6,375	0.73	1.869	8,520	6,220	0.73	1.919	8,165	5,960	0.73	2.000
29	24	9,514	5,804	0.61	1.838	9,159	5,587	0.61	1.939	8,946	5,457	0.61	2.000	8,662	5,284	0.61	2.101
29	26	9,798	4,801	0.49	1.939	9,514	4,662	0.49	2.040	9,372	4,592	0.49	2.101	9,088	4,453	0.49	2.161
30	18	8,343	8,426	1.01	1.616	7,988	8,067	1.01	1.697	7,668	7,745	1.01	1.778	7,384	7,458	1.01	1.858
30	20	8,698	7,741	0.89	1.697	8,343	7,425	0.89	1.798	8,094	7,204	0.89	1.838	7,810	6,951	0.89	1.919
30	22	9,053	6,970	0.77	1.757	8,733	6,724	0.77	1.869	8,520	6,560	0.77	1.919	8,165	6,287	0.77	2.000
30	24	9,514	6,184	0.65	1.838	9,159	5,953	0.65	1.939	8,946	5,815	0.65	2.000	8,662	5,630	0.65	2.101
30	26	9,798	5,193	0.53	1.939	9,514	5,042	0.53	2.040	9,372	4,967	0.53	2.101	9,088	4,817	0.53	2.161
31	18	8,343	8,760	1.05	1.616	7,988	8,387	1.05	1.697	7,668	8,051	1.05	1.778	7,384	7,753	1.05	1.858
31	20	8,698	8,089	0.93	1.697	8,343	7,759	0.93	1.798	8,094	7,527	0.93	1.838	7,810	7,263	0.93	1.919
31	22	9,053	7,333	0.81	1.757	8,733	7,074	0.81	1.869	8,520	6,901	0.81	1.919	8,165	6,614	0.81	2.000
31	24	9,514	6,565	0.69	1.838	9,159	6,320	0.69	1.939	8,946	6,173	0.69	2.000	8,662	5,977	0.69	2.101
31	26	9,798	5,585	0.57	1.939	9,514	5,423	0.57	2.040	9,372	5,342	0.57	2.101	9,088	5,180	0.57	2.161
32	18	8,343	9,093	1.09	1.616	7,988	8,706	1.09	1.697	7,668	8,358	1.09	1.778	7,384	8,049	1.09	1.858
32	20	8,698	8,437	0.97	1.697	8,343	8,092	0.97	1.798	8,094	7,851	0.97	1.838	7,810	7,576	0.97	1.919
32	22	9,053	7,695	0.85	1.757	8,733	7,423	0.85	1.869	8,520	7,242	0.85	1.919	8,165	6,940	0.85	2.000
32	24	9,514	6,945	0.73	1.838	9,159	6,686	0.73	1.939	8,946	6,531	0.73	2.000	8,662	6,323	0.73	2.101
32	26	9,798	5,977	0.61	1.939	9,514	5,804	0.61	2.040	9,372	5,717	0.61	2.101	9,088	5,544	0.61	2.161

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JA / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	1.980	6,390	4,154	0.65	2.101	5,893	3,830	0.65	2.182
21	20	7,313	3,876	0.53	2.060	6,816	3,612	0.53	2.161	6,319	3,349	0.53	2.283
22	18	6,958	4,801	0.69	1.980	6,390	4,409	0.69	2.101	5,893	4,066	0.69	2.182
22	20	7,313	4,168	0.57	2.060	6,816	3,885	0.57	2.161	6,319	3,602	0.57	2.283
22	22	7,739	3,483	0.45	2.141	7,242	3,259	0.45	2.262	6,745	3,035	0.45	2.343
23	18	6,958	5,079	0.73	1.980	6,390	4,665	0.73	2.101	5,893	4,302	0.73	2.182
23	20	7,313	4,461	0.61	2.060	6,816	4,158	0.61	2.161	6,319	3,855	0.61	2.283
23	22	7,739	3,792	0.49	2.141	7,242	3,549	0.49	2.262	6,745	3,305	0.49	2.343
24	18	6,958	5,358	0.77	1.980	6,390	4,920	0.77	2.101	5,893	4,538	0.77	2.182
24	20	7,313	4,753	0.65	2.060	6,816	4,430	0.65	2.161	6,319	4,107	0.65	2.283
24	22	7,739	4,102	0.53	2.141	7,242	3,838	0.53	2.262	6,745	3,575	0.53	2.343
24	24	8,165	3,348	0.41	2.222	7,668	3,144	0.41	2.323	7,242	2,969	0.41	2.424
25	20	7,313	5,046	0.69	2.060	6,816	4,703	0.69	2.161	6,319	4,360	0.69	2.283
25	22	7,739	4,411	0.57	2.141	7,242	4,128	0.57	2.262	6,745	3,845	0.57	2.343
25	24	8,165	3,674	0.45	2.222	7,668	3,451	0.45	2.323	7,242	3,259	0.45	2.424
26	18	6,958	5,914	0.85	1.980	6,390	5,432	0.85	2.101	5,893	5,009	0.85	2.182
26	20	7,313	5,338	0.73	2.060	6,816	4,976	0.73	2.161	6,319	4,613	0.73	2.283
26	22	7,739	4,721	0.61	2.141	7,242	4,418	0.61	2.262	6,745	4,114	0.61	2.343
26	24	8,165	4,001	0.49	2.222	7,668	3,757	0.49	2.323	7,242	3,549	0.49	2.424
26	26	8,591	3,179	0.37	2.303	8,094	2,995	0.37	2.404	7,597	2,811	0.37	2.505
27	18	6,958	6,193	0.89	1.980	6,390	5,687	0.89	2.101	5,893	5,245	0.89	2.182
27	20	7,313	5,631	0.77	2.060	6,816	5,248	0.77	2.161	6,319	4,866	0.77	2.283
27	22	7,739	5,030	0.65	2.141	7,242	4,707	0.65	2.262	6,745	4,384	0.65	2.343
27	24	8,165	4,327	0.53	2.222	7,668	4,064	0.53	2.323	7,242	3,838	0.53	2.424
27	26	8,591	3,522	0.41	2.303	8,094	3,319	0.41	2.404	7,597	3,115	0.41	2.505
28	18	6,958	6,471	0.93	1.980	6,390	5,943	0.93	2.101	5,893	5,480	0.93	2.182
28	20	7,313	5,924	0.81	2.060	6,816	5,521	0.81	2.161	6,319	5,118	0.81	2.283
28	22	7,739	5,340	0.69	2.141	7,242	4,997	0.69	2.262	6,745	4,654	0.69	2.343
28	24	8,165	4,654	0.57	2.222	7,668	4,371	0.57	2.323	7,242	4,128	0.57	2.424
28	26	8,591	3,866	0.45	2.303	8,094	3,642	0.45	2.404	7,597	3,419	0.45	2.505
29	18	6,958	6,749	0.97	1.980	6,390	6,198	0.97	2.101	5,893	5,716	0.97	2.182
29	20	7,313	6,216	0.85	2.060	6,816	5,794	0.85	2.161	6,319	5,371	0.85	2.283
29	22	7,739	5,649	0.73	2.141	7,242	5,287	0.73	2.262	6,745	4,924	0.73	2.343
29	24	8,165	4,981	0.61	2.222	7,668	4,677	0.61	2.323	7,242	4,418	0.61	2.424
29	26	8,591	4,210	0.49	2.303	8,094	3,966	0.49	2.404	7,597	3,723	0.49	2.505
30	18	6,958	7,028	1.01	1.980	6,390	6,454	1.01	2.101	5,893	5,952	1.01	2.182
30	20	7,313	6,509	0.89	2.060	6,816	6,066	0.89	2.161	6,319	5,624	0.89	2.283
30	22	7,739	5,959	0.77	2.141	7,242	5,576	0.77	2.262	6,745	5,194	0.77	2.343
30	24	8,165	5,307	0.65	2.222	7,668	4,984	0.65	2.323	7,242	4,707	0.65	2.424
30	26	8,591	4,553	0.53	2.303	8,094	4,290	0.53	2.404	7,597	4,026	0.53	2.505
31	18	6,958	7,306	1.05	1.980	6,390	6,710	1.05	2.101	5,893	6,188	1.05	2.182
31	20	7,313	6,801	0.93	2.060	6,816	6,339	0.93	2.161	6,319	5,877	0.93	2.283
31	22	7,739	6,269	0.81	2.141	7,242	5,866	0.81	2.262	6,745	5,463	0.81	2.343
31	24	8,165	5,634	0.69	2.222	7,668	5,291	0.69	2.323	7,242	4,997	0.69	2.424
31	26	8,591	4,897	0.57	2.303	8,094	4,614	0.57	2.404	7,597	4,330	0.57	2.505
32	18	6,958	7,584	1.09	1.980	6,390	6,965	1.09	2.101	5,893	6,423	1.09	2.182
32	20	7,313	7,094	0.97	2.060	6,816	6,612	0.97	2.161	6,319	6,129	0.97	2.283
32	22	7,739	6,578	0.85	2.141	7,242	6,156	0.85	2.262	6,745	5,733	0.85	2.343
32	24	8,165	5,960	0.73	2.222	7,668	5,598	0.73	2.323	7,242	5,287	0.73	2.424
32	26	8,591	5,241	0.61	2.303	8,094	4,937	0.61	2.404	7,597	4,634	0.61	2.505

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M35JAL / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,834	0.67	0.720	4,050	2,714	0.67	0.756	3,888	2,605	0.67	0.792	3,744	2,508	0.67	0.828
21	20	4,410	2,426	0.55	0.756	4,230	2,327	0.55	0.801	4,104	2,257	0.55	0.819	3,960	2,178	0.55	0.855
22	18	4,230	3,003	0.71	0.720	4,050	2,876	0.71	0.756	3,888	2,760	0.71	0.792	3,744	2,658	0.71	0.828
22	20	4,410	2,602	0.59	0.756	4,230	2,496	0.59	0.801	4,104	2,421	0.59	0.819	3,960	2,336	0.59	0.855
22	22	4,590	2,157	0.47	0.783	4,428	2,081	0.47	0.833	4,320	2,030	0.47	0.855	4,140	1,946	0.47	0.891
23	18	4,230	3,173	0.75	0.720	4,050	3,038	0.75	0.756	3,888	2,916	0.75	0.792	3,744	2,808	0.75	0.828
23	20	4,410	2,778	0.63	0.756	4,230	2,665	0.63	0.801	4,104	2,586	0.63	0.819	3,960	2,495	0.63	0.855
23	22	4,590	2,341	0.51	0.783	4,428	2,258	0.51	0.833	4,320	2,203	0.51	0.855	4,140	2,111	0.51	0.891
24	18	4,230	3,342	0.79	0.720	4,050	3,200	0.79	0.756	3,888	3,072	0.79	0.792	3,744	2,958	0.79	0.828
24	20	4,410	2,955	0.67	0.756	4,230	2,834	0.67	0.801	4,104	2,750	0.67	0.819	3,960	2,653	0.67	0.855
24	22	4,590	2,525	0.55	0.783	4,428	2,435	0.55	0.833	4,320	2,376	0.55	0.855	4,140	2,277	0.55	0.891
24	24	4,824	2,074	0.43	0.819	4,644	1,997	0.43	0.864	4,536	1,950	0.43	0.891	4,392	1,889	0.43	0.936
25	20	4,410	3,131	0.71	0.756	4,230	3,003	0.71	0.801	4,104	2,914	0.71	0.819	3,960	2,812	0.71	0.855
25	22	4,590	2,708	0.59	0.783	4,428	2,613	0.59	0.833	4,320	2,549	0.59	0.855	4,140	2,443	0.59	0.891
25	24	4,824	2,267	0.47	0.819	4,644	2,183	0.47	0.864	4,536	2,132	0.47	0.891	4,392	2,064	0.47	0.936
26	18	4,230	3,680	0.87	0.720	4,050	3,524	0.87	0.756	3,888	3,383	0.87	0.792	3,744	3,257	0.87	0.828
26	20	4,410	3,308	0.75	0.756	4,230	3,173	0.75	0.801	4,104	3,078	0.75	0.819	3,960	2,970	0.75	0.855
26	22	4,590	2,892	0.63	0.783	4,428	2,790	0.63	0.833	4,320	2,722	0.63	0.855	4,140	2,608	0.63	0.891
26	24	4,824	2,460	0.51	0.819	4,644	2,368	0.51	0.864	4,536	2,313	0.51	0.891	4,392	2,240	0.51	0.936
26	26	4,968	1,938	0.39	0.864	4,824	1,881	0.39	0.909	4,752	1,853	0.39	0.936	4,608	1,797	0.39	0.963
27	18	4,230	3,849	0.91	0.720	4,050	3,686	0.91	0.756	3,888	3,538	0.91	0.792	3,744	3,407	0.91	0.828
27	20	4,410	3,484	0.79	0.756	4,230	3,342	0.79	0.801	4,104	3,242	0.79	0.819	3,960	3,128	0.79	0.855
27	22	4,590	3,075	0.67	0.783	4,428	2,967	0.67	0.833	4,320	2,894	0.67	0.855	4,140	2,774	0.67	0.891
27	24	4,824	2,653	0.55	0.819	4,644	2,554	0.55	0.864	4,536	2,495	0.55	0.891	4,392	2,416	0.55	0.936
27	26	4,968	2,136	0.43	0.864	4,824	2,074	0.43	0.909	4,752	2,043	0.43	0.936	4,608	1,981	0.43	0.963
28	18	4,230	4,019	0.95	0.720	4,050	3,848	0.95	0.756	3,888	3,694	0.95	0.792	3,744	3,557	0.95	0.828
28	20	4,410	3,660	0.83	0.756	4,230	3,511	0.83	0.801	4,104	3,406	0.83	0.819	3,960	3,287	0.83	0.855
28	22	4,590	3,259	0.71	0.783	4,428	3,144	0.71	0.833	4,320	3,067	0.71	0.855	4,140	2,939	0.71	0.891
28	24	4,824	2,846	0.59	0.819	4,644	2,740	0.59	0.864	4,536	2,676	0.59	0.891	4,392	2,591	0.59	0.936
28	26	4,968	2,335	0.47	0.864	4,824	2,267	0.47	0.909	4,752	2,233	0.47	0.936	4,608	2,166	0.47	0.963
29	18	4,230	4,188	0.99	0.720	4,050	4,010	0.99	0.756	3,888	3,849	0.99	0.792	3,744	3,707	0.99	0.828
29	20	4,410	3,837	0.87	0.756	4,230	3,680	0.87	0.801	4,104	3,570	0.87	0.819	3,960	3,445	0.87	0.855
29	22	4,590	3,443	0.75	0.783	4,428	3,321	0.75	0.833	4,320	3,240	0.75	0.855	4,140	3,105	0.75	0.891
29	24	4,824	3,039	0.63	0.819	4,644	2,926	0.63	0.864	4,536	2,858	0.63	0.891	4,392	2,767	0.63	0.936
29	26	4,968	2,534	0.51	0.864	4,824	2,460	0.51	0.909	4,752	2,424	0.51	0.936	4,608	2,350	0.51	0.963
30	18	4,230	4,357	1.03	0.720	4,050	4,172	1.03	0.756	3,888	4,005	1.03	0.792	3,744	3,856	1.03	0.828
30	20	4,410	4,013	0.91	0.756	4,230	3,849	0.91	0.801	4,104	3,735	0.91	0.819	3,960	3,604	0.91	0.855
30	22	4,590	3,626	0.79	0.783	4,428	3,498	0.79	0.833	4,320	3,413	0.79	0.855	4,140	3,271	0.79	0.891
30	24	4,824	3,232	0.67	0.819	4,644	3,111	0.67	0.864	4,536	3,039	0.67	0.891	4,392	2,943	0.67	0.936
30	26	4,968	2,732	0.55	0.864	4,824	2,653	0.55	0.909	4,752	2,614	0.55	0.936	4,608	2,534	0.55	0.963
31	18	4,230	4,526	1.07	0.720	4,050	4,334	1.07	0.756	3,888	4,160	1.07	0.792	3,744	4,006	1.07	0.828
31	20	4,410	4,190	0.95	0.756	4,230	4,019	0.95	0.801	4,104	3,899	0.95	0.819	3,960	3,762	0.95	0.855
31	22	4,590	3,810	0.83	0.783	4,428	3,675	0.83	0.833	4,320	3,586	0.83	0.855	4,140	3,436	0.83	0.891
31	24	4,824	3,425	0.71	0.819	4,644	3,297	0.71	0.864	4,536	3,221	0.71	0.891	4,392	3,118	0.71	0.936
31	26	4,968	2,931	0.59	0.864	4,824	2,846	0.59	0.909	4,752	2,804	0.59	0.936	4,608	2,719	0.59	0.963
32	18	4,230	4,695	1.11	0.720	4,050	4,496	1.11	0.756	3,888	4,316	1.11	0.792	3,744	4,156	1.11	0.828
32	20	4,410	4,366	0.99	0.756	4,230	4,188	0.99	0.801	4,104	4,063	0.99	0.819	3,960	3,920	0.99	0.855
32	22	4,590	3,993	0.87	0.783	4,428	3,852	0.87	0.833	4,320	3,758	0.87	0.855	4,140	3,602	0.87	0.891
32	24	4,824	3,618	0.75	0.819	4,644	3,483	0.75	0.864	4,536	3,402	0.75	0.891	4,392	3,294	0.75	0.936
32	26	4,968	3,130	0.63	0.864	4,824	3,039	0.63	0.909	4,752	2,994	0.63	0.936	4,608	2,903	0.63	0.963

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JAL / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,364	0.67	0.882	3,240	2,171	0.67	0.936	2,988	2,002	0.67	0.972
21	20	3,708	2,039	0.55	0.918	3,456	1,901	0.55	0.963	3,204	1,762	0.55	1.017
22	18	3,528	2,505	0.71	0.882	3,240	2,300	0.71	0.936	2,988	2,121	0.71	0.972
22	20	3,708	2,188	0.59	0.918	3,456	2,039	0.59	0.963	3,204	1,890	0.59	1.017
22	22	3,924	1,844	0.47	0.954	3,672	1,726	0.47	1.008	3,420	1,607	0.47	1.044
23	18	3,528	2,646	0.75	0.882	3,240	2,430	0.75	0.936	2,988	2,241	0.75	0.972
23	20	3,708	2,336	0.63	0.918	3,456	2,177	0.63	0.963	3,204	2,019	0.63	1.017
23	22	3,924	2,001	0.51	0.954	3,672	1,873	0.51	1.008	3,420	1,744	0.51	1.044
24	18	3,528	2,787	0.79	0.882	3,240	2,560	0.79	0.936	2,988	2,361	0.79	0.972
24	20	3,708	2,484	0.67	0.918	3,456	2,316	0.67	0.963	3,204	2,147	0.67	1.017
24	22	3,924	2,158	0.55	0.954	3,672	2,020	0.55	1.008	3,420	1,881	0.55	1.044
24	24	4,140	1,780	0.43	0.990	3,888	1,672	0.43	1.035	3,672	1,579	0.43	1.080
25	20	3,708	2,633	0.71	0.918	3,456	2,454	0.71	0.963	3,204	2,275	0.71	1.017
25	22	3,924	2,315	0.59	0.954	3,672	2,166	0.59	1.008	3,420	2,018	0.59	1.044
25	24	4,140	1,946	0.47	0.990	3,888	1,827	0.47	1.035	3,672	1,726	0.47	1.080
26	18	3,528	3,069	0.87	0.882	3,240	2,819	0.87	0.936	2,988	2,600	0.87	0.972
26	20	3,708	2,781	0.75	0.918	3,456	2,592	0.75	0.963	3,204	2,403	0.75	1.017
26	22	3,924	2,472	0.63	0.954	3,672	2,313	0.63	1.008	3,420	2,155	0.63	1.044
26	24	4,140	2,111	0.51	0.990	3,888	1,983	0.51	1.035	3,672	1,873	0.51	1.080
26	26	4,356	1,699	0.39	1.026	4,104	1,601	0.39	1.071	3,852	1,502	0.39	1.116
27	18	3,528	3,210	0.91	0.882	3,240	2,948	0.91	0.936	2,988	2,719	0.91	0.972
27	20	3,708	2,929	0.79	0.918	3,456	2,730	0.79	0.963	3,204	2,531	0.79	1.017
27	22	3,924	2,629	0.67	0.954	3,672	2,460	0.67	1.008	3,420	2,291	0.67	1.044
27	24	4,140	2,277	0.55	0.990	3,888	2,138	0.55	1.035	3,672	2,020	0.55	1.080
27	26	4,356	1,873	0.43	1.026	4,104	1,765	0.43	1.071	3,852	1,656	0.43	1.116
28	18	3,528	3,352	0.95	0.882	3,240	3,078	0.95	0.936	2,988	2,839	0.95	0.972
28	20	3,708	3,078	0.83	0.918	3,456	2,868	0.83	0.963	3,204	2,659	0.83	1.017
28	22	3,924	2,786	0.71	0.954	3,672	2,607	0.71	1.008	3,420	2,428	0.71	1.044
28	24	4,140	2,443	0.59	0.990	3,888	2,294	0.59	1.035	3,672	2,166	0.59	1.080
28	26	4,356	2,047	0.47	1.026	4,104	1,929	0.47	1.071	3,852	1,810	0.47	1.116
29	18	3,528	3,493	0.99	0.882	3,240	3,208	0.99	0.936	2,988	2,958	0.99	0.972
29	20	3,708	3,226	0.87	0.918	3,456	3,007	0.87	0.963	3,204	2,787	0.87	1.017
29	22	3,924	2,943	0.75	0.954	3,672	2,754	0.75	1.008	3,420	2,565	0.75	1.044
29	24	4,140	2,608	0.63	0.990	3,888	2,449	0.63	1.035	3,672	2,313	0.63	1.080
29	26	4,356	2,222	0.51	1.026	4,104	2,093	0.51	1.071	3,852	1,965	0.51	1.116
30	18	3,528	3,634	1.03	0.882	3,240	3,337	1.03	0.936	2,988	3,078	1.03	0.972
30	20	3,708	3,374	0.91	0.918	3,456	3,145	0.91	0.963	3,204	2,916	0.91	1.017
30	22	3,924	3,100	0.79	0.954	3,672	2,901	0.79	1.008	3,420	2,702	0.79	1.044
30	24	4,140	2,774	0.67	0.990	3,888	2,605	0.67	1.035	3,672	2,460	0.67	1.080
30	26	4,356	2,396	0.55	1.026	4,104	2,257	0.55	1.071	3,852	2,119	0.55	1.116
31	18	3,528	3,775	1.07	0.882	3,240	3,467	1.07	0.936	2,988	3,197	1.07	0.972
31	20	3,708	3,523	0.95	0.918	3,456	3,283	0.95	0.963	3,204	3,044	0.95	1.017
31	22	3,924	3,257	0.83	0.954	3,672	3,048	0.83	1.008	3,420	2,839	0.83	1.044
31	24	4,140	2,939	0.71	0.990	3,888	2,760	0.71	1.035	3,672	2,607	0.71	1.080
31	26	4,356	2,570	0.59	1.026	4,104	2,421	0.59	1.071	3,852	2,273	0.59	1.116
32	18	3,528	3,916	1.11	0.882	3,240	3,596	1.11	0.936	2,988	3,317	1.11	0.972
32	20	3,708	3,671	0.99	0.918	3,456	3,421	0.99	0.963	3,204	3,172	0.99	1.017
32	22	3,924	3,414	0.87	0.954	3,672	3,195	0.87	1.008	3,420	2,975	0.87	1.044
32	24	4,140	3,105	0.75	0.990	3,888	2,916	0.75	1.035	3,672	2,754	0.75	1.080
32	26	4,356	2,744	0.63	1.026	4,104	2,586	0.63	1.071	3,852	2,427	0.63	1.116

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M50JAL / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,875	3,878	0.66	1.064	5,625	3,713	0.66	1.117	5,400	3,564	0.66	1.170	5,200	3,432	0.66	1.224
21	20	6,125	3,308	0.54	1.117	5,875	3,173	0.54	1.184	5,700	3,078	0.54	1.210	5,500	2,970	0.54	1.264
22	18	5,875	4,113	0.70	1.064	5,625	3,938	0.70	1.117	5,400	3,780	0.70	1.170	5,200	3,640	0.70	1.224
22	20	6,125	3,553	0.58	1.117	5,875	3,408	0.58	1.184	5,700	3,306	0.58	1.210	5,500	3,190	0.58	1.264
22	22	6,375	2,933	0.46	1.157	6,150	2,829	0.46	1.230	6,000	2,760	0.46	1.264	5,750	2,645	0.46	1.317
23	18	5,875	4,348	0.74	1.064	5,625	4,163	0.74	1.117	5,400	3,996	0.74	1.170	5,200	3,848	0.74	1.224
23	20	6,125	3,798	0.62	1.117	5,875	3,643	0.62	1.184	5,700	3,534	0.62	1.210	5,500	3,410	0.62	1.264
23	22	6,375	3,188	0.50	1.157	6,150	3,075	0.50	1.230	6,000	3,000	0.50	1.264	5,750	2,875	0.50	1.317
24	18	5,875	4,583	0.78	1.064	5,625	4,388	0.78	1.117	5,400	4,212	0.78	1.170	5,200	4,056	0.78	1.224
24	20	6,125	4,043	0.66	1.117	5,875	3,878	0.66	1.184	5,700	3,762	0.66	1.210	5,500	3,630	0.66	1.264
24	22	6,375	3,443	0.54	1.157	6,150	3,321	0.54	1.230	6,000	3,240	0.54	1.264	5,750	3,105	0.54	1.317
24	24	6,700	2,814	0.42	1.210	6,450	2,709	0.42	1.277	6,300	2,646	0.42	1.317	6,100	2,562	0.42	1.383
25	20	6,125	4,288	0.70	1.117	5,875	4,113	0.70	1.184	5,700	3,990	0.70	1.210	5,500	3,850	0.70	1.264
25	22	6,375	3,698	0.58	1.157	6,150	3,567	0.58	1.230	6,000	3,480	0.58	1.264	5,750	3,335	0.58	1.317
25	24	6,700	3,082	0.46	1.210	6,450	2,967	0.46	1.277	6,300	2,898	0.46	1.317	6,100	2,806	0.46	1.383
26	18	5,875	5,053	0.86	1.064	5,625	4,838	0.86	1.117	5,400	4,644	0.86	1.170	5,200	4,472	0.86	1.224
26	20	6,125	4,533	0.74	1.117	5,875	4,348	0.74	1.184	5,700	4,218	0.74	1.210	5,500	4,070	0.74	1.264
26	22	6,375	3,953	0.62	1.157	6,150	3,813	0.62	1.230	6,000	3,720	0.62	1.264	5,750	3,565	0.62	1.317
26	24	6,700	3,350	0.50	1.210	6,450	3,225	0.50	1.277	6,300	3,150	0.50	1.317	6,100	3,050	0.50	1.383
26	26	6,900	2,622	0.38	1.277	6,700	2,546	0.38	1.343	6,600	2,508	0.38	1.383	6,400	2,432	0.38	1.423
27	18	5,875	5,288	0.90	1.064	5,625	5,063	0.90	1.117	5,400	4,860	0.90	1.170	5,200	4,680	0.90	1.224
27	20	6,125	4,778	0.78	1.117	5,875	4,583	0.78	1.184	5,700	4,446	0.78	1.210	5,500	4,290	0.78	1.264
27	22	6,375	4,208	0.66	1.157	6,150	4,059	0.66	1.230	6,000	3,960	0.66	1.264	5,750	3,795	0.66	1.317
27	24	6,700	3,618	0.54	1.210	6,450	3,483	0.54	1.277	6,300	3,402	0.54	1.317	6,100	3,294	0.54	1.383
27	26	6,900	2,898	0.42	1.277	6,700	2,814	0.42	1.343	6,600	2,772	0.42	1.383	6,400	2,688	0.42	1.423
28	18	5,875	5,523	0.94	1.064	5,625	5,288	0.94	1.117	5,400	5,076	0.94	1.170	5,200	4,888	0.94	1.224
28	20	6,125	5,023	0.82	1.117	5,875	4,818	0.82	1.184	5,700	4,674	0.82	1.210	5,500	4,510	0.82	1.264
28	22	6,375	4,463	0.70	1.157	6,150	4,305	0.70	1.230	6,000	4,200	0.70	1.264	5,750	4,025	0.70	1.317
28	24	6,700	3,886	0.58	1.210	6,450	3,741	0.58	1.277	6,300	3,654	0.58	1.317	6,100	3,538	0.58	1.383
28	26	6,900	3,174	0.46	1.277	6,700	3,082	0.46	1.343	6,600	3,036	0.46	1.383	6,400	2,944	0.46	1.423
29	18	5,875	5,758	0.98	1.064	5,625	5,513	0.98	1.117	5,400	5,292	0.98	1.170	5,200	5,096	0.98	1.224
29	20	6,125	5,268	0.86	1.117	5,875	5,053	0.86	1.184	5,700	4,902	0.86	1.210	5,500	4,730	0.86	1.264
29	22	6,375	4,718	0.74	1.157	6,150	4,551	0.74	1.230	6,000	4,440	0.74	1.264	5,750	4,255	0.74	1.317
29	24	6,700	4,154	0.62	1.210	6,450	3,999	0.62	1.277	6,300	3,906	0.62	1.317	6,100	3,782	0.62	1.383
29	26	6,900	3,450	0.50	1.277	6,700	3,350	0.50	1.343	6,600	3,300	0.50	1.383	6,400	3,200	0.50	1.423
30	18	5,875	5,993	1.02	1.064	5,625	5,738	1.02	1.117	5,400	5,508	1.02	1.170	5,200	5,304	1.02	1.224
30	20	6,125	5,513	0.90	1.117	5,875	5,288	0.90	1.184	5,700	5,130	0.90	1.210	5,500	4,950	0.90	1.264
30	22	6,375	4,973	0.78	1.157	6,150	4,797	0.78	1.230	6,000	4,680	0.78	1.264	5,750	4,485	0.78	1.317
30	24	6,700	4,422	0.66	1.210	6,450	4,257	0.66	1.277	6,300	4,158	0.66	1.317	6,100	4,026	0.66	1.383
30	26	6,900	3,726	0.54	1.277	6,700	3,618	0.54	1.343	6,600	3,564	0.54	1.383	6,400	3,456	0.54	1.423
31	18	5,875	6,228	1.06	1.064	5,625	5,963	1.06	1.117	5,400	5,724	1.06	1.170	5,200	5,512	1.06	1.224
31	20	6,125	5,758	0.94	1.117	5,875	5,523	0.94	1.184	5,700	5,358	0.94	1.210	5,500	5,170	0.94	1.264
31	22	6,375	5,228	0.82	1.157	6,150	5,043	0.82	1.230	6,000	4,920	0.82	1.264	5,750	4,715	0.82	1.317
31	24	6,700	4,690	0.70	1.210	6,450	4,515	0.70	1.277	6,300	4,410	0.70	1.317	6,100	4,270	0.70	1.383
31	26	6,900	4,002	0.58	1.277	6,700	3,886	0.58	1.343	6,600	3,828	0.58	1.383	6,400	3,712	0.58	1.423
32	18	5,875	6,463	1.10	1.064	5,625	6,188	1.10	1.117	5,400	5,940	1.10	1.170	5,200	5,720	1.10	1.224
32	20	6,125	6,003	0.98	1.117	5,875	5,758	0.98	1.184	5,700	5,586	0.98	1.210	5,500	5,390	0.98	1.264
32	22	6,375	5,483	0.86	1.157	6,150	5,289	0.86	1.230	6,000	5,160	0.86	1.264	5,750	4,945	0.86	1.317
32	24	6,700	4,958	0.74	1.210	6,450	4,773	0.74	1.277	6,300	4,662	0.74	1.317	6,100	4,514	0.74	1.383
32	26	6,900	4,278	0.62	1.277	6,700	4,154	0.62	1.343	6,600	4,092	0.62	1.383	6,400	3,968	0.62	1.423

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M50JAL / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,900	3,234	0.66	1.303	4,500	2,970	0.66	1.383	4,150	2,739	0.66	1.436
21	20	5,150	2,781	0.54	1.357	4,800	2,592	0.54	1.423	4,450	2,403	0.54	1.503
22	18	4,900	3,430	0.70	1.303	4,500	3,150	0.70	1.383	4,150	2,905	0.70	1.436
22	20	5,150	2,987	0.58	1.357	4,800	2,784	0.58	1.423	4,450	2,581	0.58	1.503
22	22	5,450	2,507	0.46	1.410	5,100	2,346	0.46	1.490	4,750	2,185	0.46	1.543
23	18	4,900	3,626	0.74	1.303	4,500	3,330	0.74	1.383	4,150	3,071	0.74	1.436
23	20	5,150	3,193	0.62	1.357	4,800	2,976	0.62	1.423	4,450	2,759	0.62	1.503
23	22	5,450	2,725	0.50	1.410	5,100	2,550	0.50	1.490	4,750	2,375	0.50	1.543
24	18	4,900	3,822	0.78	1.303	4,500	3,510	0.78	1.383	4,150	3,237	0.78	1.436
24	20	5,150	3,399	0.66	1.357	4,800	3,168	0.66	1.423	4,450	2,937	0.66	1.503
24	22	5,450	2,943	0.54	1.410	5,100	2,754	0.54	1.490	4,750	2,565	0.54	1.543
24	24	5,750	2,415	0.42	1.463	5,400	2,268	0.42	1.530	5,100	2,142	0.42	1.596
25	20	5,150	3,605	0.70	1.357	4,800	3,360	0.70	1.423	4,450	3,115	0.70	1.503
25	22	5,450	3,161	0.58	1.410	5,100	2,958	0.58	1.490	4,750	2,755	0.58	1.543
25	24	5,750	2,645	0.46	1.463	5,400	2,484	0.46	1.530	5,100	2,346	0.46	1.596
26	18	4,900	4,214	0.86	1.303	4,500	3,870	0.86	1.383	4,150	3,569	0.86	1.436
26	20	5,150	3,811	0.74	1.357	4,800	3,552	0.74	1.423	4,450	3,293	0.74	1.503
26	22	5,450	3,379	0.62	1.410	5,100	3,162	0.62	1.490	4,750	2,945	0.62	1.543
26	24	5,750	2,875	0.50	1.463	5,400	2,700	0.50	1.530	5,100	2,550	0.50	1.596
26	26	6,050	2,299	0.38	1.516	5,700	2,166	0.38	1.583	5,350	2,033	0.38	1.649
27	18	4,900	4,410	0.90	1.303	4,500	4,050	0.90	1.383	4,150	3,735	0.90	1.436
27	20	5,150	4,017	0.78	1.357	4,800	3,744	0.78	1.423	4,450	3,471	0.78	1.503
27	22	5,450	3,597	0.66	1.410	5,100	3,366	0.66	1.490	4,750	3,135	0.66	1.543
27	24	5,750	3,105	0.54	1.463	5,400	2,916	0.54	1.530	5,100	2,754	0.54	1.596
27	26	6,050	2,541	0.42	1.516	5,700	2,394	0.42	1.583	5,350	2,247	0.42	1.649
28	18	4,900	4,606	0.94	1.303	4,500	4,230	0.94	1.383	4,150	3,901	0.94	1.436
28	20	5,150	4,223	0.82	1.357	4,800	3,936	0.82	1.423	4,450	3,649	0.82	1.503
28	22	5,450	3,815	0.70	1.410	5,100	3,570	0.70	1.490	4,750	3,325	0.70	1.543
28	24	5,750	3,335	0.58	1.463	5,400	3,132	0.58	1.530	5,100	2,958	0.58	1.596
28	26	6,050	2,783	0.46	1.516	5,700	2,622	0.46	1.583	5,350	2,461	0.46	1.649
29	18	4,900	4,802	0.98	1.303	4,500	4,410	0.98	1.383	4,150	4,067	0.98	1.436
29	20	5,150	4,429	0.86	1.357	4,800	4,128	0.86	1.423	4,450	3,827	0.86	1.503
29	22	5,450	4,033	0.74	1.410	5,100	3,774	0.74	1.490	4,750	3,515	0.74	1.543
29	24	5,750	3,565	0.62	1.463	5,400	3,348	0.62	1.530	5,100	3,162	0.62	1.596
29	26	6,050	3,025	0.50	1.516	5,700	2,850	0.50	1.583	5,350	2,675	0.50	1.649
30	18	4,900	4,998	1.02	1.303	4,500	4,590	1.02	1.383	4,150	4,233	1.02	1.436
30	20	5,150	4,635	0.90	1.357	4,800	4,320	0.90	1.423	4,450	4,005	0.90	1.503
30	22	5,450	4,251	0.78	1.410	5,100	3,978	0.78	1.490	4,750	3,705	0.78	1.543
30	24	5,750	3,795	0.66	1.463	5,400	3,564	0.66	1.530	5,100	3,366	0.66	1.596
30	26	6,050	3,267	0.54	1.516	5,700	3,078	0.54	1.583	5,350	2,889	0.54	1.649
31	18	4,900	5,194	1.06	1.303	4,500	4,770	1.06	1.383	4,150	4,399	1.06	1.436
31	20	5,150	4,841	0.94	1.357	4,800	4,512	0.94	1.423	4,450	4,183	0.94	1.503
31	22	5,450	4,469	0.82	1.410	5,100	4,182	0.82	1.490	4,750	3,895	0.82	1.543
31	24	5,750	4,025	0.70	1.463	5,400	3,780	0.70	1.530	5,100	3,570	0.70	1.596
31	26	6,050	3,509	0.58	1.516	5,700	3,306	0.58	1.583	5,350	3,103	0.58	1.649
32	18	4,900	5,390	1.10	1.303	4,500	4,950	1.10	1.383	4,150	4,565	1.10	1.436
32	20	5,150	5,047	0.98	1.357	4,800	4,704	0.98	1.423	4,450	4,361	0.98	1.503
32	22	5,450	4,687	0.86	1.410	5,100	4,386	0.86	1.490	4,750	4,085	0.86	1.543
32	24	5,750	4,255	0.74	1.463	5,400	3,996	0.74	1.530	5,100	3,774	0.74	1.596
32	26	6,050	3,751	0.62	1.516	5,700	3,534	0.62	1.583	5,350	3,317	0.62	1.649

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M60JAL / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	7,168	4,659	0.65	1.336	6,863	4,461	0.65	1.403	6,588	4,282	0.65	1.470	6,344	4,124	0.65	1.536
21	20	7,473	3,960	0.53	1.403	7,168	3,799	0.53	1.486	6,954	3,686	0.53	1.520	6,710	3,556	0.53	1.587
22	18	7,168	4,946	0.69	1.336	6,863	4,735	0.69	1.403	6,588	4,546	0.69	1.470	6,344	4,377	0.69	1.536
22	20	7,473	4,259	0.57	1.403	7,168	4,085	0.57	1.486	6,954	3,964	0.57	1.520	6,710	3,825	0.57	1.587
22	22	7,778	3,500	0.45	1.453	7,503	3,376	0.45	1.545	7,320	3,294	0.45	1.587	7,015	3,157	0.45	1.653
23	18	7,168	5,232	0.73	1.336	6,863	5,010	0.73	1.403	6,588	4,809	0.73	1.470	6,344	4,631	0.73	1.536
23	20	7,473	4,558	0.61	1.403	7,168	4,372	0.61	1.486	6,954	4,242	0.61	1.520	6,710	4,093	0.61	1.587
23	22	7,778	3,811	0.49	1.453	7,503	3,676	0.49	1.545	7,320	3,587	0.49	1.587	7,015	3,437	0.49	1.653
24	18	7,168	5,519	0.77	1.336	6,863	5,284	0.77	1.403	6,588	5,073	0.77	1.470	6,344	4,885	0.77	1.536
24	20	7,473	4,857	0.65	1.403	7,168	4,659	0.65	1.486	6,954	4,520	0.65	1.520	6,710	4,362	0.65	1.587
24	22	7,778	4,122	0.53	1.453	7,503	3,977	0.53	1.545	7,320	3,880	0.53	1.587	7,015	3,718	0.53	1.653
24	24	8,174	3,351	0.41	1.520	7,869	3,226	0.41	1.603	7,686	3,151	0.41	1.653	7,442	3,051	0.41	1.737
25	20	7,473	5,156	0.69	1.403	7,168	4,946	0.69	1.486	6,954	4,798	0.69	1.520	6,710	4,630	0.69	1.587
25	22	7,778	4,433	0.57	1.453	7,503	4,277	0.57	1.545	7,320	4,172	0.57	1.587	7,015	3,999	0.57	1.653
25	24	8,174	3,678	0.45	1.520	7,869	3,541	0.45	1.603	7,686	3,459	0.45	1.653	7,442	3,349	0.45	1.737
26	18	7,168	6,092	0.85	1.336	6,863	5,833	0.85	1.403	6,588	5,600	0.85	1.470	6,344	5,392	0.85	1.536
26	20	7,473	5,455	0.73	1.403	7,168	5,232	0.73	1.486	6,954	5,076	0.73	1.520	6,710	4,898	0.73	1.587
26	22	7,778	4,744	0.61	1.453	7,503	4,577	0.61	1.545	7,320	4,465	0.61	1.587	7,015	4,279	0.61	1.653
26	24	8,174	4,005	0.49	1.520	7,869	3,856	0.49	1.603	7,686	3,766	0.49	1.653	7,442	3,647	0.49	1.737
26	26	8,418	3,115	0.37	1.603	8,174	3,024	0.37	1.687	8,052	2,979	0.37	1.737	7,808	2,889	0.37	1.787
27	18	7,168	6,379	0.89	1.336	6,863	6,108	0.89	1.403	6,588	5,863	0.89	1.470	6,344	5,646	0.89	1.536
27	20	7,473	5,754	0.77	1.403	7,168	5,519	0.77	1.486	6,954	5,355	0.77	1.520	6,710	5,167	0.77	1.587
27	22	7,778	5,055	0.65	1.453	7,503	4,877	0.65	1.545	7,320	4,758	0.65	1.587	7,015	4,560	0.65	1.653
27	24	8,174	4,332	0.53	1.520	7,869	4,171	0.53	1.603	7,686	4,074	0.53	1.653	7,442	3,944	0.53	1.737
27	26	8,418	3,451	0.41	1.603	8,174	3,351	0.41	1.687	8,052	3,301	0.41	1.737	7,808	3,201	0.41	1.787
28	18	7,168	6,666	0.93	1.336	6,863	6,382	0.93	1.403	6,588	6,127	0.93	1.470	6,344	5,900	0.93	1.536
28	20	7,473	6,053	0.81	1.403	7,168	5,806	0.81	1.486	6,954	5,633	0.81	1.520	6,710	5,435	0.81	1.587
28	22	7,778	5,366	0.69	1.453	7,503	5,177	0.69	1.545	7,320	5,051	0.69	1.587	7,015	4,840	0.69	1.653
28	24	8,174	4,659	0.57	1.520	7,869	4,485	0.57	1.603	7,686	4,381	0.57	1.653	7,442	4,242	0.57	1.737
28	26	8,418	3,788	0.45	1.603	8,174	3,678	0.45	1.687	8,052	3,623	0.45	1.737	7,808	3,514	0.45	1.787
29	18	7,168	6,952	0.97	1.336	6,863	6,657	0.97	1.403	6,588	6,390	0.97	1.470	6,344	6,154	0.97	1.536
29	20	7,473	6,352	0.85	1.403	7,168	6,092	0.85	1.486	6,954	5,911	0.85	1.520	6,710	5,704	0.85	1.587
29	22	7,778	5,678	0.73	1.453	7,503	5,477	0.73	1.545	7,320	5,344	0.73	1.587	7,015	5,121	0.73	1.653
29	24	8,174	4,986	0.61	1.520	7,869	4,800	0.61	1.603	7,686	4,688	0.61	1.653	7,442	4,540	0.61	1.737
29	26	8,418	4,125	0.49	1.603	8,174	4,005	0.49	1.687	8,052	3,945	0.49	1.737	7,808	3,826	0.49	1.787
30	18	7,168	7,239	1.01	1.336	6,863	6,931	1.01	1.403	6,588	6,654	1.01	1.470	6,344	6,407	1.01	1.536
30	20	7,473	6,651	0.89	1.403	7,168	6,379	0.89	1.486	6,954	6,189	0.89	1.520	6,710	5,972	0.89	1.587
30	22	7,778	5,989	0.77	1.453	7,503	5,777	0.77	1.545	7,320	5,636	0.77	1.587	7,015	5,402	0.77	1.653
30	24	8,174	5,313	0.65	1.520	7,869	5,115	0.65	1.603	7,686	4,996	0.65	1.653	7,442	4,837	0.65	1.737
30	26	8,418	4,462	0.53	1.603	8,174	4,332	0.53	1.687	8,052	4,268	0.53	1.737	7,808	4,138	0.53	1.787
31	18	7,168	7,526	1.05	1.336	6,863	7,206	1.05	1.403	6,588	6,917	1.05	1.470	6,344	6,661	1.05	1.536
31	20	7,473	6,949	0.93	1.403	7,168	6,666	0.93	1.486	6,954	6,467	0.93	1.520	6,710	6,240	0.93	1.587
31	22	7,778	6,300	0.81	1.453	7,503	6,077	0.81	1.545	7,320	5,929	0.81	1.587	7,015	5,682	0.81	1.653
31	24	8,174	5,640	0.69	1.520	7,869	5,430	0.69	1.603	7,686	5,303	0.69	1.653	7,442	5,135	0.69	1.737
31	26	8,418	4,798	0.57	1.603	8,174	4,659	0.57	1.687	8,052	4,590	0.57	1.737	7,808	4,451	0.57	1.787
32	18	7,168	7,813	1.09	1.336	6,863	7,480	1.09	1.403	6,588	7,181	1.09	1.470	6,344	6,915	1.09	1.536
32	20	7,473	7,248	0.97	1.403	7,168	6,952	0.97	1.486	6,954	6,745	0.97	1.520	6,710	6,509	0.97	1.587
32	22	7,778	6,611	0.85	1.453	7,503	6,378	0.85	1.545	7,320	6,222	0.85	1.587	7,015	5,963	0.85	1.653
32	24	8,174	5,967	0.73	1.520	7,869	5,744	0.73	1.603	7,686	5,611	0.73	1.653	7,442	5,433	0.73	1.737
32	26	8,418	5,135	0.61	1.603	8,174	4,986	0.61	1.687	8,052	4,912	0.61	1.737	7,808	4,763	0.61	1.787

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M60JAL / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,978	3,886	0.65	1.637	5,490	3,569	0.65	1.737	5,063	3,291	0.65	1.804
21	20	6,283	3,330	0.53	1.703	5,856	3,104	0.53	1.787	5,429	2,877	0.53	1.887
22	18	5,978	4,125	0.69	1.637	5,490	3,788	0.69	1.737	5,063	3,493	0.69	1.804
22	20	6,283	3,581	0.57	1.703	5,856	3,338	0.57	1.787	5,429	3,095	0.57	1.887
22	22	6,649	2,992	0.45	1.770	6,222	2,800	0.45	1.870	5,795	2,608	0.45	1.937
23	18	5,978	4,364	0.73	1.637	5,490	4,008	0.73	1.737	5,063	3,696	0.73	1.804
23	20	6,283	3,833	0.61	1.703	5,856	3,572	0.61	1.787	5,429	3,312	0.61	1.887
23	22	6,649	3,258	0.49	1.770	6,222	3,049	0.49	1.870	5,795	2,840	0.49	1.937
24	18	5,978	4,603	0.77	1.637	5,490	4,227	0.77	1.737	5,063	3,899	0.77	1.804
24	20	6,283	4,084	0.65	1.703	5,856	3,806	0.65	1.787	5,429	3,529	0.65	1.887
24	22	6,649	3,524	0.53	1.770	6,222	3,298	0.53	1.870	5,795	3,071	0.53	1.937
24	24	7,015	2,876	0.41	1.837	6,588	2,701	0.41	1.921	6,222	2,551	0.41	2.004
25	20	6,283	4,335	0.69	1.703	5,856	4,041	0.69	1.787	5,429	3,746	0.69	1.887
25	22	6,649	3,790	0.57	1.770	6,222	3,547	0.57	1.870	5,795	3,303	0.57	1.937
25	24	7,015	3,157	0.45	1.837	6,588	2,965	0.45	1.921	6,222	2,800	0.45	2.004
26	18	5,978	5,081	0.85	1.637	5,490	4,667	0.85	1.737	5,063	4,304	0.85	1.804
26	20	6,283	4,587	0.73	1.703	5,856	4,275	0.73	1.787	5,429	3,963	0.73	1.887
26	22	6,649	4,056	0.61	1.770	6,222	3,795	0.61	1.870	5,795	3,535	0.61	1.937
26	24	7,015	3,437	0.49	1.837	6,588	3,228	0.49	1.921	6,222	3,049	0.49	2.004
26	26	7,381	2,731	0.37	1.904	6,954	2,573	0.37	1.987	6,527	2,415	0.37	2.071
27	18	5,978	5,320	0.89	1.637	5,490	4,886	0.89	1.737	5,063	4,506	0.89	1.804
27	20	6,283	4,838	0.77	1.703	5,856	4,509	0.77	1.787	5,429	4,180	0.77	1.887
27	22	6,649	4,322	0.65	1.770	6,222	4,044	0.65	1.870	5,795	3,767	0.65	1.937
27	24	7,015	3,718	0.53	1.837	6,588	3,492	0.53	1.921	6,222	3,298	0.53	2.004
27	26	7,381	3,026	0.41	1.904	6,954	2,851	0.41	1.987	6,527	2,676	0.41	2.071
28	18	5,978	5,560	0.93	1.637	5,490	5,106	0.93	1.737	5,063	4,709	0.93	1.804
28	20	6,283	5,089	0.81	1.703	5,856	4,743	0.81	1.787	5,429	4,397	0.81	1.887
28	22	6,649	4,588	0.69	1.770	6,222	4,293	0.69	1.870	5,795	3,999	0.69	1.937
28	24	7,015	3,999	0.57	1.837	6,588	3,755	0.57	1.921	6,222	3,547	0.57	2.004
28	26	7,381	3,321	0.45	1.904	6,954	3,129	0.45	1.987	6,527	2,937	0.45	2.071
29	18	5,978	5,799	0.97	1.637	5,490	5,325	0.97	1.737	5,063	4,911	0.97	1.804
29	20	6,283	5,341	0.85	1.703	5,856	4,978	0.85	1.787	5,429	4,615	0.85	1.887
29	22	6,649	4,854	0.73	1.770	6,222	4,542	0.73	1.870	5,795	4,230	0.73	1.937
29	24	7,015	4,279	0.61	1.837	6,588	4,019	0.61	1.921	6,222	3,795	0.61	2.004
29	26	7,381	3,617	0.49	1.904	6,954	3,407	0.49	1.987	6,527	3,198	0.49	2.071
30	18	5,978	6,038	1.01	1.637	5,490	5,545	1.01	1.737	5,063	5,114	1.01	1.804
30	20	6,283	5,592	0.89	1.703	5,856	5,212	0.89	1.787	5,429	4,832	0.89	1.887
30	22	6,649	5,120	0.77	1.770	6,222	4,791	0.77	1.870	5,795	4,462	0.77	1.937
30	24	7,015	4,560	0.65	1.837	6,588	4,282	0.65	1.921	6,222	4,044	0.65	2.004
30	26	7,381	3,912	0.53	1.904	6,954	3,686	0.53	1.987	6,527	3,459	0.53	2.071
31	18	5,978	6,277	1.05	1.637	5,490	5,765	1.05	1.737	5,063	5,316	1.05	1.804
31	20	6,283	5,843	0.93	1.703	5,856	5,446	0.93	1.787	5,429	5,049	0.93	1.887
31	22	6,649	5,386	0.81	1.770	6,222	5,040	0.81	1.870	5,795	4,694	0.81	1.937
31	24	7,015	4,840	0.69	1.837	6,588	4,546	0.69	1.921	6,222	4,293	0.69	2.004
31	26	7,381	4,207	0.57	1.904	6,954	3,964	0.57	1.987	6,527	3,720	0.57	2.071
32	18	5,978	6,516	1.09	1.637	5,490	5,984	1.09	1.737	5,063	5,519	1.09	1.804
32	20	6,283	6,095	0.97	1.703	5,856	5,680	0.97	1.787	5,429	5,266	0.97	1.887
32	22	6,649	5,652	0.85	1.770	6,222	5,289	0.85	1.870	5,795	4,926	0.85	1.937
32	24	7,015	5,121	0.73	1.837	6,588	4,809	0.73	1.921	6,222	4,542	0.73	2.004
32	26	7,381	4,502	0.61	1.904	6,954	4,242	0.61	1.987	6,527	3,981	0.61	2.071

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JAL / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.600	7,988	5,192	0.65	1.680	7,668	4,984	0.65	1.760	7,384	4,800	0.65	1.840
21	20	8,698	4,610	0.53	1.680	8,343	4,422	0.53	1.780	8,094	4,290	0.53	1.820	7,810	4,139	0.53	1.900
22	18	8,343	5,756	0.69	1.600	7,988	5,511	0.69	1.680	7,668	5,291	0.69	1.760	7,384	5,095	0.69	1.840
22	20	8,698	4,958	0.57	1.680	8,343	4,755	0.57	1.780	8,094	4,614	0.57	1.820	7,810	4,452	0.57	1.900
22	22	9,053	4,074	0.45	1.740	8,733	3,930	0.45	1.850	8,520	3,834	0.45	1.900	8,165	3,674	0.45	1.980
23	18	8,343	6,090	0.73	1.600	7,988	5,831	0.73	1.680	7,668	5,598	0.73	1.760	7,384	5,390	0.73	1.840
23	20	8,698	5,305	0.61	1.680	8,343	5,089	0.61	1.780	8,094	4,937	0.61	1.820	7,810	4,764	0.61	1.900
23	22	9,053	4,436	0.49	1.740	8,733	4,279	0.49	1.850	8,520	4,175	0.49	1.900	8,165	4,001	0.49	1.980
24	18	8,343	6,424	0.77	1.600	7,988	6,150	0.77	1.680	7,668	5,904	0.77	1.760	7,384	5,686	0.77	1.840
24	20	8,698	5,653	0.65	1.680	8,343	5,423	0.65	1.780	8,094	5,261	0.65	1.820	7,810	5,077	0.65	1.900
24	22	9,053	4,798	0.53	1.740	8,733	4,628	0.53	1.850	8,520	4,516	0.53	1.900	8,165	4,327	0.53	1.980
24	24	9,514	3,901	0.41	1.820	9,159	3,755	0.41	1.920	8,946	3,668	0.41	1.980	8,662	3,551	0.41	2.080
25	20	8,698	6,001	0.69	1.680	8,343	5,756	0.69	1.780	8,094	5,585	0.69	1.820	7,810	5,389	0.69	1.900
25	22	9,053	5,160	0.57	1.740	8,733	4,978	0.57	1.850	8,520	4,856	0.57	1.900	8,165	4,654	0.57	1.980
25	24	9,514	4,281	0.45	1.820	9,159	4,122	0.45	1.920	8,946	4,026	0.45	1.980	8,662	3,898	0.45	2.080
26	18	8,343	7,091	0.85	1.600	7,988	6,789	0.85	1.680	7,668	6,518	0.85	1.760	7,384	6,276	0.85	1.840
26	20	8,698	6,349	0.73	1.680	8,343	6,090	0.73	1.780	8,094	5,909	0.73	1.820	7,810	5,701	0.73	1.900
26	22	9,053	5,522	0.61	1.740	8,733	5,327	0.61	1.850	8,520	5,197	0.61	1.900	8,165	4,981	0.61	1.980
26	24	9,514	4,662	0.49	1.820	9,159	4,488	0.49	1.920	8,946	4,384	0.49	1.980	8,662	4,244	0.49	2.080
26	26	9,798	3,625	0.37	1.920	9,514	3,520	0.37	2.020	9,372	3,468	0.37	2.080	9,088	3,363	0.37	2.140
27	18	8,343	7,425	0.89	1.600	7,988	7,109	0.89	1.680	7,668	6,825	0.89	1.760	7,384	6,572	0.89	1.840
27	20	8,698	6,697	0.77	1.680	8,343	6,424	0.77	1.780	8,094	6,232	0.77	1.820	7,810	6,014	0.77	1.900
27	22	9,053	5,884	0.65	1.740	8,733	5,676	0.65	1.850	8,520	5,538	0.65	1.900	8,165	5,307	0.65	1.980
27	24	9,514	5,042	0.53	1.820	9,159	4,854	0.53	1.920	8,946	4,741	0.53	1.980	8,662	4,591	0.53	2.080
27	26	9,798	4,017	0.41	1.920	9,514	3,901	0.41	2.020	9,372	3,843	0.41	2.080	9,088	3,726	0.41	2.140
28	18	8,343	7,759	0.93	1.600	7,988	7,428	0.93	1.680	7,668	7,131	0.93	1.760	7,384	6,867	0.93	1.840
28	20	8,698	7,045	0.81	1.680	8,343	6,757	0.81	1.780	8,094	6,556	0.81	1.820	7,810	6,326	0.81	1.900
28	22	9,053	6,246	0.69	1.740	8,733	6,026	0.69	1.850	8,520	5,879	0.69	1.900	8,165	5,634	0.69	1.980
28	24	9,514	5,423	0.57	1.820	9,159	5,221	0.57	1.920	8,946	5,099	0.57	1.980	8,662	4,937	0.57	2.080
28	26	9,798	4,409	0.45	1.920	9,514	4,281	0.45	2.020	9,372	4,217	0.45	2.080	9,088	4,090	0.45	2.140
29	18	8,343	8,092	0.97	1.600	7,988	7,748	0.97	1.680	7,668	7,438	0.97	1.760	7,384	7,162	0.97	1.840
29	20	8,698	7,393	0.85	1.680	8,343	7,091	0.85	1.780	8,094	6,880	0.85	1.820	7,810	6,639	0.85	1.900
29	22	9,053	6,608	0.73	1.740	8,733	6,375	0.73	1.850	8,520	6,220	0.73	1.900	8,165	5,960	0.73	1.980
29	24	9,514	5,804	0.61	1.820	9,159	5,587	0.61	1.920	8,946	5,457	0.61	1.980	8,662	5,284	0.61	2.080
29	26	9,798	4,801	0.49	1.920	9,514	4,662	0.49	2.020	9,372	4,592	0.49	2.080	9,088	4,453	0.49	2.140
30	18	8,343	8,426	1.01	1.600	7,988	8,067	1.01	1.680	7,668	7,745	1.01	1.760	7,384	7,458	1.01	1.840
30	20	8,698	7,741	0.89	1.680	8,343	7,425	0.89	1.780	8,094	7,204	0.89	1.820	7,810	6,951	0.89	1.900
30	22	9,053	6,970	0.77	1.740	8,733	6,724	0.77	1.850	8,520	6,560	0.77	1.900	8,165	6,287	0.77	1.980
30	24	9,514	6,184	0.65	1.820	9,159	5,953	0.65	1.920	8,946	5,815	0.65	1.980	8,662	5,630	0.65	2.080
30	26	9,798	5,193	0.53	1.920	9,514	5,042	0.53	2.020	9,372	4,967	0.53	2.080	9,088	4,817	0.53	2.140
31	18	8,343	8,760	1.05	1.600	7,988	8,387	1.05	1.680	7,668	8,051	1.05	1.760	7,384	7,753	1.05	1.840
31	20	8,698	8,089	0.93	1.680	8,343	7,759	0.93	1.780	8,094	7,527	0.93	1.820	7,810	7,263	0.93	1.900
31	22	9,053	7,333	0.81	1.740	8,733	7,074	0.81	1.850	8,520	6,901	0.81	1.900	8,165	6,614	0.81	1.980
31	24	9,514	6,565	0.69	1.820	9,159	6,320	0.69	1.920	8,946	6,173	0.69	1.980	8,662	5,977	0.69	2.080
31	26	9,798	5,585	0.57	1.920	9,514	5,423	0.57	2.020	9,372	5,342	0.57	2.080	9,088	5,180	0.57	2.140
32	18	8,343	9,093	1.09	1.600	7,988	8,706	1.09	1.680	7,668	8,358	1.09	1.760	7,384	8,049	1.09	1.840
32	20	8,698	8,437	0.97	1.680	8,343	8,092	0.97	1.780	8,094	7,851	0.97	1.820	7,810	7,576	0.97	1.900
32	22	9,053	7,695	0.85	1.740	8,733	7,423	0.85	1.850	8,520	7,242	0.85	1.900	8,165	6,940	0.85	1.980
32	24	9,514	6,945	0.73	1.820	9,159	6,686	0.73	1.920	8,946	6,531	0.73	1.980	8,662	6,323	0.73	2.080
32	26	9,798	5,977	0.61	1.920	9,514	5,804	0.61	2.020	9,372	5,717	0.61	2.080	9,088	5,544	0.61	2.140

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JAL / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	1.960	6,390	4,154	0.65	2.080	5,893	3,830	0.65	2.160
21	20	7,313	3,876	0.53	2.040	6,816	3,612	0.53	2.140	6,319	3,349	0.53	2.260
22	18	6,958	4,801	0.69	1.960	6,390	4,409	0.69	2.080	5,893	4,066	0.69	2.160
22	20	7,313	4,168	0.57	2.040	6,816	3,885	0.57	2.140	6,319	3,602	0.57	2.260
22	22	7,739	3,483	0.45	2.120	7,242	3,259	0.45	2.240	6,745	3,035	0.45	2.320
23	18	6,958	5,079	0.73	1.960	6,390	4,665	0.73	2.080	5,893	4,302	0.73	2.160
23	20	7,313	4,461	0.61	2.040	6,816	4,158	0.61	2.140	6,319	3,855	0.61	2.260
23	22	7,739	3,792	0.49	2.120	7,242	3,549	0.49	2.240	6,745	3,305	0.49	2.320
24	18	6,958	5,358	0.77	1.960	6,390	4,920	0.77	2.080	5,893	4,538	0.77	2.160
24	20	7,313	4,753	0.65	2.040	6,816	4,430	0.65	2.140	6,319	4,107	0.65	2.260
24	22	7,739	4,102	0.53	2.120	7,242	3,838	0.53	2.240	6,745	3,575	0.53	2.320
24	24	8,165	3,348	0.41	2.200	7,668	3,144	0.41	2.300	7,242	2,969	0.41	2.400
25	20	7,313	5,046	0.69	2.040	6,816	4,703	0.69	2.140	6,319	4,360	0.69	2.260
25	22	7,739	4,411	0.57	2.120	7,242	4,128	0.57	2.240	6,745	3,845	0.57	2.320
25	24	8,165	3,674	0.45	2.200	7,668	3,451	0.45	2.300	7,242	3,259	0.45	2.400
26	18	6,958	5,914	0.85	1.960	6,390	5,432	0.85	2.080	5,893	5,009	0.85	2.160
26	20	7,313	5,338	0.73	2.040	6,816	4,976	0.73	2.140	6,319	4,613	0.73	2.260
26	22	7,739	4,721	0.61	2.120	7,242	4,418	0.61	2.240	6,745	4,114	0.61	2.320
26	24	8,165	4,001	0.49	2.200	7,668	3,757	0.49	2.300	7,242	3,549	0.49	2.400
26	26	8,591	3,179	0.37	2.280	8,094	2,995	0.37	2.380	7,597	2,811	0.37	2.480
27	18	6,958	6,193	0.89	1.960	6,390	5,687	0.89	2.080	5,893	5,245	0.89	2.160
27	20	7,313	5,631	0.77	2.040	6,816	5,248	0.77	2.140	6,319	4,866	0.77	2.260
27	22	7,739	5,030	0.65	2.120	7,242	4,707	0.65	2.240	6,745	4,384	0.65	2.320
27	24	8,165	4,327	0.53	2.200	7,668	4,064	0.53	2.300	7,242	3,838	0.53	2.400
27	26	8,591	3,522	0.41	2.280	8,094	3,319	0.41	2.380	7,597	3,115	0.41	2.480
28	18	6,958	6,471	0.93	1.960	6,390	5,943	0.93	2.080	5,893	5,480	0.93	2.160
28	20	7,313	5,924	0.81	2.040	6,816	5,521	0.81	2.140	6,319	5,118	0.81	2.260
28	22	7,739	5,340	0.69	2.120	7,242	4,997	0.69	2.240	6,745	4,654	0.69	2.320
28	24	8,165	4,654	0.57	2.200	7,668	4,371	0.57	2.300	7,242	4,128	0.57	2.400
28	26	8,591	3,866	0.45	2.280	8,094	3,642	0.45	2.380	7,597	3,419	0.45	2.480
29	18	6,958	6,749	0.97	1.960	6,390	6,198	0.97	2.080	5,893	5,716	0.97	2.160
29	20	7,313	6,216	0.85	2.040	6,816	5,794	0.85	2.140	6,319	5,371	0.85	2.260
29	22	7,739	5,649	0.73	2.120	7,242	5,287	0.73	2.240	6,745	4,924	0.73	2.320
29	24	8,165	4,981	0.61	2.200	7,668	4,677	0.61	2.300	7,242	4,418	0.61	2.400
29	26	8,591	4,210	0.49	2.280	8,094	3,966	0.49	2.380	7,597	3,723	0.49	2.480
30	18	6,958	7,028	1.01	1.960	6,390	6,454	1.01	2.080	5,893	5,952	1.01	2.160
30	20	7,313	6,509	0.89	2.040	6,816	6,066	0.89	2.140	6,319	5,624	0.89	2.260
30	22	7,739	5,959	0.77	2.120	7,242	5,576	0.77	2.240	6,745	5,194	0.77	2.320
30	24	8,165	5,307	0.65	2.200	7,668	4,984	0.65	2.300	7,242	4,707	0.65	2.400
30	26	8,591	4,553	0.53	2.280	8,094	4,290	0.53	2.380	7,597	4,026	0.53	2.480
31	18	6,958	7,306	1.05	1.960	6,390	6,710	1.05	2.080	5,893	6,188	1.05	2.160
31	20	7,313	6,801	0.93	2.040	6,816	6,339	0.93	2.140	6,319	5,877	0.93	2.260
31	22	7,739	6,269	0.81	2.120	7,242	5,866	0.81	2.240	6,745	5,463	0.81	2.320
31	24	8,165	5,634	0.69	2.200	7,668	5,291	0.69	2.300	7,242	4,997	0.69	2.400
31	26	8,591	4,897	0.57	2.280	8,094	4,614	0.57	2.380	7,597	4,330	0.57	2.480
32	18	6,958	7,584	1.09	1.960	6,390	6,965	1.09	2.080	5,893	6,423	1.09	2.160
32	20	7,313	7,094	0.97	2.040	6,816	6,612	0.97	2.140	6,319	6,129	0.97	2.260
32	22	7,739	6,578	0.85	2.120	7,242	6,156	0.85	2.240	6,745	5,733	0.85	2.320
32	24	8,165	5,960	0.73	2.200	7,668	5,598	0.73	2.300	7,242	5,287	0.73	2.400
32	26	8,591	5,241	0.61	2.280	8,094	4,937	0.61	2.380	7,597	4,634	0.61	2.480

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M100JA / PUZ-M100VKA PUZ-M100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	2.30	9,120	6,566	0.72	2.43	8,835	6,361	0.72	2.57
20	18	10,070	6,042	0.60	2.34	9,785	5,871	0.60	2.47	9,453	5,672	0.60	2.64
20	20	10,830	5,198	0.48	2.41	10,593	5,084	0.48	2.53	10,308	4,948	0.48	2.70
22	16	9,405	7,524	0.80	2.30	9,120	7,296	0.80	2.43	8,835	7,068	0.80	2.57
22	18	10,070	6,848	0.68	2.34	9,785	6,654	0.68	2.47	9,453	6,428	0.68	2.64
22	20	10,830	6,065	0.56	2.41	10,593	5,932	0.56	2.53	10,308	5,772	0.56	2.70
24	16	9,405	8,276	0.88	2.30	9,120	8,026	0.88	2.43	8,835	7,775	0.88	2.57
24	18	10,070	7,653	0.76	2.34	9,785	7,437	0.76	2.47	9,453	7,184	0.76	2.64
24	20	10,830	6,931	0.64	2.41	10,593	6,779	0.64	2.53	10,308	6,597	0.64	2.70
24	22	11,543	6,002	0.52	2.47	11,305	5,879	0.52	2.61	11,020	5,730	0.52	2.78
26	16	9,405	9,029	0.96	2.30	9,120	8,755	0.96	2.43	8,835	8,482	0.96	2.57
26	18	10,070	8,459	0.84	2.34	9,785	8,219	0.84	2.47	9,453	7,940	0.84	2.64
26	20	10,830	7,798	0.72	2.41	10,593	7,627	0.72	2.53	10,308	7,421	0.72	2.70
26	22	11,543	6,926	0.60	2.47	11,305	6,783	0.60	2.61	11,020	6,612	0.60	2.78
27	16	9,405	9,405	1.00	2.30	9,120	9,120	1.00	2.43	8,835	8,835	1.00	2.57
27	18	10,070	8,862	0.88	2.34	9,785	8,611	0.88	2.47	9,453	8,318	0.88	2.64
27	20	10,830	8,231	0.76	2.41	10,593	8,050	0.76	2.53	10,308	7,834	0.76	2.70
27	22	11,543	7,387	0.64	2.47	11,305	7,235	0.64	2.61	11,020	7,053	0.64	2.78
28	16	9,405	9,405	1.00	2.30	9,120	9,120	1.00	2.43	8,835	8,835	1.00	2.57
28	18	10,070	9,264	0.92	2.34	9,785	9,002	0.92	2.47	9,453	8,696	0.92	2.64
28	20	10,830	8,664	0.80	2.41	10,593	8,474	0.80	2.53	10,308	8,246	0.80	2.70
28	22	11,543	7,849	0.68	2.47	11,305	7,687	0.68	2.61	11,020	7,494	0.68	2.78
30	16	9,405	9,405	1.00	2.30	9,120	9,120	1.00	2.43	8,835	8,835	1.00	2.57
30	18	10,070	10,070	1.00	2.34	9,785	9,785	1.00	2.47	9,453	9,453	1.00	2.64
30	20	10,830	9,530	0.88	2.41	10,593	9,321	0.88	2.53	10,308	9,071	0.88	2.70
30	22	11,543	8,772	0.76	2.47	11,305	8,592	0.76	2.61	11,020	8,375	0.76	2.78
32	16	9,405	9,405	1.00	2.30	9,120	9,120	1.00	2.43	8,835	8,835	1.00	2.57
32	18	10,070	10,070	1.00	2.34	9,785	9,785	1.00	2.47	9,453	9,453	1.00	2.64
32	20	10,830	10,397	0.96	2.41	10,593	10,169	0.96	2.53	10,308	9,895	0.96	2.70
32	22	11,543	9,696	0.84	2.47	11,305	9,496	0.84	2.61	11,020	9,257	0.84	2.78
34	16	9,405	9,405	1.00	2.30	9,120	9,120	1.00	2.43	8,835	8,835	1.00	2.57
34	18	10,070	10,070	1.00	2.34	9,785	9,785	1.00	2.47	9,453	9,453	1.00	2.64
34	20	10,830	10,830	1.00	2.41	10,593	10,593	1.00	2.53	10,308	10,308	1.00	2.70
34	22	11,543	10,619	0.92	2.47	11,305	10,401	0.92	2.61	11,020	10,138	0.92	2.78

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.76	8,075	5,814	0.72	2.96	7,695	5,540	0.72	3.20
20	18	9,120	5,472	0.60	2.83	8,835	5,301	0.60	3.04	8,265	4,959	0.60	3.27
20	20	9,880	4,742	0.48	2.90	9,500	4,560	0.48	3.10	8,930	4,286	0.48	3.33
22	16	8,455	6,764	0.80	2.76	8,075	6,460	0.80	2.96	7,695	6,156	0.80	3.20
22	18	9,120	6,202	0.68	2.83	8,835	6,008	0.68	3.04	8,265	5,620	0.68	3.27
22	20	9,880	5,533	0.56	2.90	9,500	5,320	0.56	3.10	8,930	5,001	0.56	3.33
24	16	8,455	7,440	0.88	2.76	8,075	7,106	0.88	2.96	7,695	6,772	0.88	3.20
24	18	9,120	6,931	0.76	2.83	8,835	6,715	0.76	3.04	8,265	6,281	0.76	3.27
24	20	9,880	6,323	0.64	2.90	9,500	6,080	0.64	3.10	8,930	5,715	0.64	3.33
24	22	10,640	5,533	0.52	2.96	10,260	5,335	0.52	3.19	9,690	5,039	0.52	3.39
26	16	8,455	8,117	0.96	2.76	8,075	7,752	0.96	2.96	7,695	7,387	0.96	3.20
26	18	9,120	7,661	0.84	2.83	8,835	7,421	0.84	3.04	8,265	6,943	0.84	3.27
26	20	9,880	7,114	0.72	2.90	9,500	6,840	0.72	3.10	8,930	6,430	0.72	3.33
26	22	10,640	6,384	0.60	2.96	10,260	6,156	0.60	3.19	9,690	5,814	0.60	3.39
27	16	8,455	8,455	1.00	2.76	8,075	8,075	1.00	2.96	7,695	7,695	1.00	3.20
27	18	9,120	8,026	0.88	2.83	8,835	7,775	0.88	3.04	8,265	7,273	0.88	3.27
27	20	9,880	7,509	0.76	2.90	9,500	7,220	0.76	3.10	8,930	6,787	0.76	3.33
27	22	10,640	6,810	0.64	2.96	10,260	6,566	0.64	3.19	9,690	6,202	0.64	3.39
28	16	8,455	8,455	1.00	2.76	8,075	8,075	1.00	2.96	7,695	7,695	1.00	3.20
28	18	9,120	8,390	0.92	2.83	8,835	8,128	0.92	3.04	8,265	7,604	0.92	3.27
28	20	9,880	7,904	0.80	2.90	9,500	7,600	0.80	3.10	8,930	7,144	0.80	3.33
28	22	10,640	7,235	0.68	2.96	10,260	6,977	0.68	3.19	9,690	6,589	0.68	3.39
30	16	8,455	8,455	1.00	2.76	8,075	8,075	1.00	2.96	7,695	7,695	1.00	3.20
30	18	9,120	9,120	1.00	2.83	8,835	8,835	1.00	3.04	8,265	8,265	1.00	3.27
30	20	9,880	8,694	0.88	2.90	9,500	8,360	0.88	3.10	8,930	7,858	0.88	3.33
30	22	10,640	8,086	0.76	2.96	10,260	7,798	0.76	3.19	9,690	7,364	0.76	3.39
32	16	8,455	8,455	1.00	2.76	8,075	8,075	1.00	2.96	7,695	7,695	1.00	3.20
32	18	9,120	9,120	1.00	2.83	8,835	8,835	1.00	3.04	8,265	8,265	1.00	3.27
32	20	9,880	9,485	0.96	2.90	9,500	9,120	0.96	3.10	8,930	8,573	0.96	3.33
32	22	10,640	8,938	0.84	2.96	10,260	8,618	0.84	3.19	9,690	8,140	0.84	3.39
34	16	8,455	8,455	1.00	2.76	8,075	8,075	1.00	2.96	7,695	7,695	1.00	3.20
34	18	9,120	9,120	1.00	2.83	8,835	8,835	1.00	3.04	8,265	8,265	1.00	3.27
34	20	9,880	9,880	1.00	2.90	9,500	9,500	1.00	3.10	8,930	8,930	1.00	3.33
34	22	10,640	9,789	0.92	2.96	10,260	9,439	0.92	3.19	9,690	8,915	0.92	3.39

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M125JA / PUZ-M125VKA PUZ-M125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	8,864	0.74	3.28	11,616	8,596	0.74	3.46	11,253	8,327	0.74	3.67
20	18	12,826	7,952	0.62	3.34	12,463	7,727	0.62	3.53	12,040	7,464	0.62	3.77
20	20	13,794	6,897	0.50	3.44	13,492	6,746	0.50	3.61	13,129	6,564	0.50	3.85
22	16	11,979	9,823	0.82	3.28	11,616	9,525	0.82	3.46	11,253	9,227	0.82	3.67
22	18	12,826	8,978	0.70	3.34	12,463	8,724	0.70	3.53	12,040	8,428	0.70	3.77
22	20	13,794	8,001	0.58	3.44	13,492	7,825	0.58	3.61	13,129	7,615	0.58	3.85
24	16	11,979	10,781	0.90	3.28	11,616	10,454	0.90	3.46	11,253	10,128	0.90	3.67
24	18	12,826	10,004	0.78	3.34	12,463	9,721	0.78	3.53	12,040	9,391	0.78	3.77
24	20	13,794	9,104	0.66	3.44	13,492	8,904	0.66	3.61	13,129	8,665	0.66	3.85
24	22	14,702	7,939	0.54	3.53	14,399	7,775	0.54	3.73	14,036	7,579	0.54	3.98
26	16	11,979	11,739	0.98	3.28	11,616	11,384	0.98	3.46	11,253	11,028	0.98	3.67
26	18	12,826	11,030	0.86	3.34	12,463	10,718	0.86	3.53	12,040	10,354	0.86	3.77
26	20	13,794	10,208	0.74	3.44	13,492	9,984	0.74	3.61	13,129	9,715	0.74	3.85
26	22	14,702	9,115	0.62	3.53	14,399	8,927	0.62	3.73	14,036	8,702	0.62	3.98
27	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
27	18	12,826	11,543	0.90	3.34	12,463	11,217	0.90	3.53	12,040	10,836	0.90	3.77
27	20	13,794	10,759	0.78	3.44	13,492	10,523	0.78	3.61	13,129	10,240	0.78	3.85
27	22	14,702	9,703	0.66	3.53	14,399	9,503	0.66	3.73	14,036	9,264	0.66	3.98
28	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
28	18	12,826	12,056	0.94	3.34	12,463	11,715	0.94	3.53	12,040	11,317	0.94	3.77
28	20	13,794	11,311	0.82	3.44	13,492	11,063	0.82	3.61	13,129	10,765	0.82	3.85
28	22	14,702	10,291	0.70	3.53	14,399	10,079	0.70	3.73	14,036	9,825	0.70	3.98
30	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
30	18	12,826	12,826	1.00	3.34	12,463	12,463	1.00	3.53	12,040	12,040	1.00	3.77
30	20	13,794	12,415	0.90	3.44	13,492	12,142	0.90	3.61	13,129	11,816	0.90	3.85
30	22	14,702	11,467	0.78	3.53	14,399	11,231	0.78	3.73	14,036	10,948	0.78	3.98
32	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
32	18	12,826	12,826	1.00	3.34	12,463	12,463	1.00	3.53	12,040	12,040	1.00	3.77
32	20	13,794	13,518	0.98	3.44	13,492	13,222	0.98	3.61	13,129	12,866	0.98	3.85
32	22	14,702	12,643	0.86	3.53	14,399	12,383	0.86	3.73	14,036	12,071	0.86	3.98
34	16	11,979	11,979	1.00	3.28	11,616	11,616	1.00	3.46	11,253	11,253	1.00	3.67
34	18	12,826	12,826	1.00	3.34	12,463	12,463	1.00	3.53	12,040	12,040	1.00	3.77
34	20	13,794	13,794	1.00	3.44	13,492	13,492	1.00	3.61	13,129	13,129	1.00	3.85
34	22	14,702	13,819	0.94	3.53	14,399	13,535	0.94	3.73	14,036	13,194	0.94	3.98

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	7,969	0.74	3.94	10,285	7,611	0.74	4.22	9,801	7,253	0.74	4.57
20	18	11,616	7,202	0.62	4.04	11,253	6,977	0.62	4.35	10,527	6,527	0.62	4.67
20	20	12,584	6,292	0.50	4.14	12,100	6,050	0.50	4.43	11,374	5,687	0.50	4.76
22	16	10,769	8,831	0.82	3.94	10,285	8,434	0.82	4.22	9,801	8,037	0.82	4.57
22	18	11,616	8,131	0.70	4.04	11,253	7,877	0.70	4.35	10,527	7,369	0.70	4.67
22	20	12,584	7,299	0.58	4.14	12,100	7,018	0.58	4.43	11,374	6,597	0.58	4.76
24	16	10,769	9,692	0.90	3.94	10,285	9,257	0.90	4.22	9,801	8,821	0.90	4.57
24	18	11,616	9,060	0.78	4.04	11,253	8,777	0.78	4.35	10,527	8,211	0.78	4.67
24	20	12,584	8,305	0.66	4.14	12,100	7,986	0.66	4.43	11,374	7,507	0.66	4.76
24	22	13,552	7,318	0.54	4.22	13,068	7,057	0.54	4.55	12,342	6,665	0.54	4.84
26	16	10,769	10,554	0.98	3.94	10,285	10,079	0.98	4.22	9,801	9,605	0.98	4.57
26	18	11,616	9,990	0.86	4.04	11,253	9,678	0.86	4.35	10,527	9,053	0.86	4.67
26	20	12,584	9,312	0.74	4.14	12,100	8,954	0.74	4.43	11,374	8,417	0.74	4.76
26	22	13,552	8,402	0.62	4.22	13,068	8,102	0.62	4.55	12,342	7,652	0.62	4.84
27	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
27	18	11,616	10,454	0.90	4.04	11,253	10,128	0.90	4.35	10,527	9,474	0.90	4.67
27	20	12,584	9,816	0.78	4.14	12,100	9,438	0.78	4.43	11,374	8,872	0.78	4.76
27	22	13,552	8,944	0.66	4.22	13,068	8,625	0.66	4.55	12,342	8,146	0.66	4.84
28	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
28	18	11,616	10,919	0.94	4.04	11,253	10,578	0.94	4.35	10,527	9,895	0.94	4.67
28	20	12,584	10,319	0.82	4.14	12,100	9,922	0.82	4.43	11,374	9,327	0.82	4.76
28	22	13,552	9,486	0.70	4.22	13,068	9,148	0.70	4.55	12,342	8,639	0.70	4.84
30	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
30	18	11,616	11,616	1.00	4.04	11,253	11,253	1.00	4.35	10,527	10,527	1.00	4.67
30	20	12,584	11,326	0.90	4.14	12,100	10,890	0.90	4.43	11,374	10,237	0.90	4.76
30	22	13,552	10,571	0.78	4.22	13,068	10,193	0.78	4.55	12,342	9,627	0.78	4.84
32	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
32	18	11,616	11,616	1.00	4.04	11,253	11,253	1.00	4.35	10,527	10,527	1.00	4.67
32	20	12,584	12,332	0.98	4.14	12,100	11,858	0.98	4.43	11,374	11,147	0.98	4.76
32	22	13,552	11,655	0.86	4.22	13,068	11,238	0.86	4.55	12,342	10,614	0.86	4.84
34	16	10,769	10,769	1.00	3.94	10,285	10,285	1.00	4.22	9,801	9,801	1.00	4.57
34	18	11,616	11,616	1.00	4.04	11,253	11,253	1.00	4.35	10,527	10,527	1.00	4.67
34	20	12,584	12,584	1.00	4.14	12,100	12,100	1.00	4.43	11,374	11,374	1.00	4.76
34	22	13,552	12,739	0.94	4.22	13,068	12,284	0.94	4.55	12,342	11,601	0.94	4.84

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-M140JA / PUZ-M140VKA PUZ-M140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	3.81	12,864	9,519	0.74	4.02	12,462	9,222	0.74	4.26
20	18	14,204	8,806	0.62	3.88	13,802	8,557	0.62	4.09	13,333	8,266	0.62	4.38
20	20	15,276	7,638	0.50	4.00	14,941	7,471	0.50	4.19	14,539	7,270	0.50	4.47
22	16	13,266	10,878	0.82	3.81	12,864	10,548	0.82	4.02	12,462	10,219	0.82	4.26
22	18	14,204	9,943	0.70	3.88	13,802	9,661	0.70	4.09	13,333	9,333	0.70	4.38
22	20	15,276	8,860	0.58	4.00	14,941	8,666	0.58	4.19	14,539	8,433	0.58	4.47
24	16	13,266	11,939	0.90	3.81	12,864	11,578	0.90	4.02	12,462	11,216	0.90	4.26
24	18	14,204	11,079	0.78	3.88	13,802	10,766	0.78	4.09	13,333	10,400	0.78	4.38
24	20	15,276	10,082	0.66	4.00	14,941	9,861	0.66	4.19	14,539	9,596	0.66	4.47
24	22	16,281	8,792	0.54	4.09	15,946	8,611	0.54	4.33	15,544	8,394	0.54	4.62
26	16	13,266	13,001	0.98	3.81	12,864	12,607	0.98	4.02	12,462	12,213	0.98	4.26
26	18	14,204	12,215	0.86	3.88	13,802	11,870	0.86	4.09	13,333	11,466	0.86	4.38
26	20	15,276	11,304	0.74	4.00	14,941	11,056	0.74	4.19	14,539	10,759	0.74	4.47
26	22	16,281	10,094	0.62	4.09	15,946	9,887	0.62	4.33	15,544	9,637	0.62	4.62
27	16	13,266	13,266	1.00	3.81	12,864	12,864	1.00	4.02	12,462	12,462	1.00	4.26
27	18	14,204	12,784	0.90	3.88	13,802	12,422	0.90	4.09	13,333	12,000	0.90	4.38
27	20	15,276	11,915	0.78	4.00	14,941	11,654	0.78	4.19	14,539	11,340	0.78	4.47
27	22	16,281	10,745	0.66	4.09	15,946	10,524	0.66	4.33	15,544	10,259	0.66	4.62
28	16	13,266	13,266	1.00	3.81	12,864	12,864	1.00	4.02	12,462	12,462	1.00	4.26
28	18	14,204	13,352	0.94	3.88	13,802	12,974	0.94	4.09	13,333	12,533	0.94	4.38
28	20	15,276	12,526	0.82	4.00	14,941	12,252	0.82	4.19	14,539	11,922	0.82	4.47
28	22	16,281	11,397	0.70	4.09	15,946	11,162	0.70	4.33	15,544	10,881	0.70	4.62
30	16	13,266	13,266	1.00	3.81	12,864	12,864	1.00	4.02	12,462	12,462	1.00	4.26
30	18	14,204	14,204	1.00	3.88	13,802	13,802	1.00	4.09	13,333	13,333	1.00	4.38
30	20	15,276	13,748	0.90	4.00	14,941	13,447	0.90	4.19	14,539	13,085	0.90	4.47
30	22	16,281	12,699	0.78	4.09	15,946	12,438	0.78	4.33	15,544	12,124	0.78	4.62
32	16	13,266	13,266	1.00	3.81	12,864	12,864	1.00	4.02	12,462	12,462	1.00	4.26
32	18	14,204	14,204	1.00	3.88	13,802	13,802	1.00	4.09	13,333	13,333	1.00	4.38
32	20	15,276	14,970	0.98	4.00	14,941	14,642	0.98	4.19	14,539	14,248	0.98	4.47
32	22	16,281	14,002	0.86	4.09	15,946	13,714	0.86	4.33	15,544	13,368	0.86	4.62
34	16	13,266	13,266	1.00	3.81	12,864	12,864	1.00	4.02	12,462	12,462	1.00	4.26
34	18	14,204	14,204	1.00	3.88	13,802	13,802	1.00	4.09	13,333	13,333	1.00	4.38
34	20	15,276	15,276	1.00	4.00	14,941	14,941	1.00	4.19	14,539	14,539	1.00	4.47
34	22	16,281	15,304	0.94	4.09	15,946	14,989	0.94	4.33	15,544	14,611	0.94	4.62

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	4.57	11,390	8,429	0.74	4.90	10,854	8,032	0.74	5.31
20	18	12,864	7,976	0.62	4.69	12,462	7,726	0.62	5.05	11,658	7,228	0.62	5.43
20	20	13,936	6,968	0.50	4.81	13,400	6,700	0.50	5.14	12,596	6,298	0.50	5.52
22	16	11,926	9,779	0.82	4.57	11,390	9,340	0.82	4.90	10,854	8,900	0.82	5.31
22	18	12,864	9,005	0.70	4.69	12,462	8,723	0.70	5.05	11,658	8,161	0.70	5.43
22	20	13,936	8,083	0.58	4.81	13,400	7,772	0.58	5.14	12,596	7,306	0.58	5.52
24	16	11,926	10,733	0.90	4.57	11,390	10,251	0.90	4.90	10,854	9,769	0.90	5.31
24	18	12,864	10,034	0.78	4.69	12,462	9,720	0.78	5.05	11,658	9,093	0.78	5.43
24	20	13,936	9,198	0.66	4.81	13,400	8,844	0.66	5.14	12,596	8,313	0.66	5.52
24	22	15,008	8,104	0.54	4.90	14,472	7,815	0.54	5.28	13,668	7,381	0.54	5.62
26	16	11,926	11,687	0.98	4.57	11,390	11,162	0.98	4.90	10,854	10,637	0.98	5.31
26	18	12,864	11,063	0.86	4.69	12,462	10,717	0.86	5.05	11,658	10,026	0.86	5.43
26	20	13,936	10,313	0.74	4.81	13,400	9,916	0.74	5.14	12,596	9,321	0.74	5.52
26	22	15,008	9,305	0.62	4.90	14,472	8,973	0.62	5.28	13,668	8,474	0.62	5.62
27	16	11,926	11,926	1.00	4.57	11,390	11,390	1.00	4.90	10,854	10,854	1.00	5.31
27	18	12,864	11,578	0.90	4.69	12,462	11,216	0.90	5.05	11,658	10,492	0.90	5.43
27	20	13,936	10,870	0.78	4.81	13,400	10,452	0.78	5.14	12,596	9,825	0.78	5.52
27	22	15,008	9,905	0.66	4.90	14,472	9,552	0.66	5.28	13,668	9,021	0.66	5.62
28	16	11,926	11,926	1.00	4.57	11,390	11,390	1.00	4.90	10,854	10,854	1.00	5.31
28	18	12,864	12,092	0.94	4.69	12,462	11,714	0.94	5.05	11,658	10,959	0.94	5.43
28	20	13,936	11,428	0.82	4.81	13,400	10,988	0.82	5.14	12,596	10,329	0.82	5.52
28	22	15,008	10,506	0.70	4.90	14,472	10,130	0.70	5.28	13,668	9,568	0.70	5.62
30	16	11,926	11,926	1.00	4.57	11,390	11,390	1.00	4.90	10,854	10,854	1.00	5.31
30	18	12,864	12,864	1.00	4.69	12,462	12,462	1.00	5.05	11,658	11,658	1.00	5.43
30	20	13,936	12,542	0.90	4.81	13,400	12,060	0.90	5.14	12,596	11,336	0.90	5.52
30	22	15,008	11,706	0.78	4.90	14,472	11,288	0.78	5.28	13,668	10,661	0.78	5.62
32	16	11,926	11,926	1.00	4.57	11,390	11,390	1.00	4.90	10,854	10,854	1.00	5.31
32	18	12,864	12,864	1.00	4.69	12,462	12,462	1.00	5.05	11,658	11,658	1.00	5.43
32	20	13,936	13,657	0.98	4.81	13,400	13,132	0.98	5.14	12,596	12,344	0.98	5.52
32	22	15,008	12,907	0.86	4.90	14,472	12,446	0.86	5.28	13,668	11,754	0.86	5.62
34	16	11,926	11,926	1.00	4.57	11,390	11,390	1.00	4.90	10,854	10,854	1.00	5.31
34	18	12,864	12,864	1.00	4.69	12,462	12,462	1.00	5.05	11,658	11,658	1.00	5.43
34	20	13,936	13,936	1.00	4.81	13,400	13,400	1.00	5.14	12,596	12,596	1.00	5.52
34	22	15,008	14,108	0.94	4.90	14,472	13,604	0.94	5.28	13,668	12,848	0.94	5.62

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

COOLING CAPACITY

PEAD-M100JAL / PUZ-M100VKA PUZ-M100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	2.28	9,120	6,566	0.72	2.41	8,835	6,361	0.72	2.55
20	18	10,070	6,042	0.60	2.32	9,785	5,871	0.60	2.45	9,453	5,672	0.60	2.62
20	20	10,830	5,198	0.48	2.39	10,593	5,084	0.48	2.51	10,308	4,948	0.48	2.68
22	16	9,405	7,524	0.80	2.28	9,120	7,296	0.80	2.41	8,835	7,068	0.80	2.55
22	18	10,070	6,848	0.68	2.32	9,785	6,654	0.68	2.45	9,453	6,428	0.68	2.62
22	20	10,830	6,065	0.56	2.39	10,593	5,932	0.56	2.51	10,308	5,772	0.56	2.68
24	16	9,405	8,276	0.88	2.28	9,120	8,026	0.88	2.41	8,835	7,775	0.88	2.55
24	18	10,070	7,653	0.76	2.32	9,785	7,437	0.76	2.45	9,453	7,184	0.76	2.62
24	20	10,830	6,931	0.64	2.39	10,593	6,779	0.64	2.51	10,308	6,597	0.64	2.68
24	22	11,543	6,002	0.52	2.45	11,305	5,879	0.52	2.59	11,020	5,730	0.52	2.76
26	16	9,405	9,029	0.96	2.28	9,120	8,755	0.96	2.41	8,835	8,482	0.96	2.55
26	18	10,070	8,459	0.84	2.32	9,785	8,219	0.84	2.45	9,453	7,940	0.84	2.62
26	20	10,830	7,798	0.72	2.39	10,593	7,627	0.72	2.51	10,308	7,421	0.72	2.68
26	22	11,543	6,926	0.60	2.45	11,305	6,783	0.60	2.59	11,020	6,612	0.60	2.76
27	16	9,405	9,405	1.00	2.28	9,120	9,120	1.00	2.41	8,835	8,835	1.00	2.55
27	18	10,070	8,862	0.88	2.32	9,785	8,611	0.88	2.45	9,453	8,318	0.88	2.62
27	20	10,830	8,231	0.76	2.39	10,593	8,050	0.76	2.51	10,308	7,834	0.76	2.68
27	22	11,543	7,387	0.64	2.45	11,305	7,235	0.64	2.59	11,020	7,053	0.64	2.76
28	16	9,405	9,405	1.00	2.28	9,120	9,120	1.00	2.41	8,835	8,835	1.00	2.55
28	18	10,070	9,264	0.92	2.32	9,785	9,002	0.92	2.45	9,453	8,696	0.92	2.62
28	20	10,830	8,664	0.80	2.39	10,593	8,474	0.80	2.51	10,308	8,246	0.80	2.68
28	22	11,543	7,849	0.68	2.45	11,305	7,687	0.68	2.59	11,020	7,494	0.68	2.76
30	16	9,405	9,405	1.00	2.28	9,120	9,120	1.00	2.41	8,835	8,835	1.00	2.55
30	18	10,070	10,070	1.00	2.32	9,785	9,785	1.00	2.45	9,453	9,453	1.00	2.62
30	20	10,830	9,530	0.88	2.39	10,593	9,321	0.88	2.51	10,308	9,071	0.88	2.68
30	22	11,543	8,772	0.76	2.45	11,305	8,592	0.76	2.59	11,020	8,375	0.76	2.76
32	16	9,405	9,405	1.00	2.28	9,120	9,120	1.00	2.41	8,835	8,835	1.00	2.55
32	18	10,070	10,070	1.00	2.32	9,785	9,785	1.00	2.45	9,453	9,453	1.00	2.62
32	20	10,830	10,397	0.96	2.39	10,593	10,169	0.96	2.51	10,308	9,895	0.96	2.68
32	22	11,543	9,696	0.84	2.45	11,305	9,496	0.84	2.59	11,020	9,257	0.84	2.76
34	16	9,405	9,405	1.00	2.28	9,120	9,120	1.00	2.41	8,835	8,835	1.00	2.55
34	18	10,070	10,070	1.00	2.32	9,785	9,785	1.00	2.45	9,453	9,453	1.00	2.62
34	20	10,830	10,830	1.00	2.39	10,593	10,593	1.00	2.51	10,308	10,308	1.00	2.68
34	22	11,543	10,619	0.92	2.45	11,305	10,401	0.92	2.59	11,020	10,138	0.92	2.76

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.74	8,075	5,814	0.72	2.94	7,695	5,540	0.72	3.18
20	18	9,120	5,472	0.60	2.81	8,835	5,301	0.60	3.02	8,265	4,959	0.60	3.25
20	20	9,880	4,742	0.48	2.88	9,500	4,560	0.48	3.08	8,930	4,286	0.48	3.31
22	16	8,455	6,764	0.80	2.74	8,075	6,460	0.80	2.94	7,695	6,156	0.80	3.18
22	18	9,120	6,202	0.68	2.81	8,835	6,008	0.68	3.02	8,265	5,620	0.68	3.25
22	20	9,880	5,533	0.56	2.88	9,500	5,320	0.56	3.08	8,930	5,001	0.56	3.31
24	16	8,455	7,440	0.88	2.74	8,075	7,106	0.88	2.94	7,695	6,772	0.88	3.18
24	18	9,120	6,931	0.76	2.81	8,835	6,715	0.76	3.02	8,265	6,281	0.76	3.25
24	20	9,880	6,323	0.64	2.88	9,500	6,080	0.64	3.08	8,930	5,715	0.64	3.31
24	22	10,640	5,533	0.52	2.94	10,260	5,335	0.52	3.16	9,690	5,039	0.52	3.36
26	16	8,455	8,117	0.96	2.74	8,075	7,752	0.96	2.94	7,695	7,387	0.96	3.18
26	18	9,120	7,661	0.84	2.81	8,835	7,421	0.84	3.02	8,265	6,943	0.84	3.25
26	20	9,880	7,114	0.72	2.88	9,500	6,840	0.72	3.08	8,930	6,430	0.72	3.31
26	22	10,640	6,384	0.60	2.94	10,260	6,156	0.60	3.16	9,690	5,814	0.60	3.36
27	16	8,455	8,455	1.00	2.74	8,075	8,075	1.00	2.94	7,695	7,695	1.00	3.18
27	18	9,120	8,026	0.88	2.81	8,835	7,775	0.88	3.02	8,265	7,273	0.88	3.25
27	20	9,880	7,509	0.76	2.88	9,500	7,220	0.76	3.08	8,930	6,787	0.76	3.31
27	22	10,640	6,810	0.64	2.94	10,260	6,566	0.64	3.16	9,690	6,202	0.64	3.36
28	16	8,455	8,455	1.00	2.74	8,075	8,075	1.00	2.94	7,695	7,695	1.00	3.18
28	18	9,120	8,390	0.92	2.81	8,835	8,128	0.92	3.02	8,265	7,604	0.92	3.25
28	20	9,880	7,904	0.80	2.88	9,500	7,600	0.80	3.08	8,930	7,144	0.80	3.31
28	22	10,640	7,235	0.68	2.94	10,260	6,977	0.68	3.16	9,690	6,589	0.68	3.36
30	16	8,455	8,455	1.00	2.74	8,075	8,075	1.00	2.94	7,695	7,695	1.00	3.18
30	18	9,120	9,120	1.00	2.81	8,835	8,835	1.00	3.02	8,265	8,265	1.00	3.25
30	20	9,880	8,694	0.88	2.88	9,500	8,360	0.88	3.08	8,930	7,858	0.88	3.31
30	22	10,640	8,086	0.76	2.94	10,260	7,798	0.76	3.16	9,690	7,364	0.76	3.36
32	16	8,455	8,455	1.00	2.74	8,075	8,075	1.00	2.94	7,695	7,695	1.00	3.18
32	18	9,120	9,120	1.00	2.81	8,835	8,835	1.00	3.02	8,265	8,265	1.00	3.25
32	20	9,880	9,485	0.96	2.88	9,500	9,120	0.96	3.08	8,930	8,573	0.96	3.31
32	22	10,640	8,938	0.84	2.94	10,260	8,618	0.84	3.16	9,690	8,140	0.84	3.36
34	16	8,455	8,455	1.00	2.74	8,075	8,075	1.00	2.94	7,695	7,695	1.00	3.18
34	18	9,120	9,120	1.00	2.81	8,835	8,835	1.00	3.02	8,265	8,265	1.00	3.25
34	20	9,880	9,880	1.00	2.88	9,500	9,500	1.00	3.08	8,930	8,930	1.00	3.31
34	22	10,640	9,789	0.92	2.94	10,260	9,439	0.92	3.16	9,690	8,915	0.92	3.36

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-M125JAL / PUZ-M125VKA PUZ-M125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	8,864	0.74	3.19	11,616	8,596	0.74	3.37	11,253	8,327	0.74	3.57
20	18	12,826	7,952	0.62	3.25	12,463	7,727	0.62	3.43	12,040	7,464	0.62	3.67
20	20	13,794	6,897	0.50	3.35	13,492	6,746	0.50	3.51	13,129	6,564	0.50	3.75
22	16	11,979	9,823	0.82	3.19	11,616	9,525	0.82	3.37	11,253	9,227	0.82	3.57
22	18	12,826	8,978	0.70	3.25	12,463	8,724	0.70	3.43	12,040	8,428	0.70	3.67
22	20	13,794	8,001	0.58	3.35	13,492	7,825	0.58	3.51	13,129	7,615	0.58	3.75
24	16	11,979	10,781	0.90	3.19	11,616	10,454	0.90	3.37	11,253	10,128	0.90	3.57
24	18	12,826	10,004	0.78	3.25	12,463	9,721	0.78	3.43	12,040	9,391	0.78	3.67
24	20	13,794	9,104	0.66	3.35	13,492	8,904	0.66	3.51	13,129	8,665	0.66	3.75
24	22	14,702	7,939	0.54	3.43	14,399	7,775	0.54	3.63	14,036	7,579	0.54	3.87
26	16	11,979	11,739	0.98	3.19	11,616	11,384	0.98	3.37	11,253	11,028	0.98	3.57
26	18	12,826	11,030	0.86	3.25	12,463	10,718	0.86	3.43	12,040	10,354	0.86	3.67
26	20	13,794	10,208	0.74	3.35	13,492	9,984	0.74	3.51	13,129	9,715	0.74	3.75
26	22	14,702	9,115	0.62	3.43	14,399	8,927	0.62	3.63	14,036	8,702	0.62	3.87
27	16	11,979	11,979	1.00	3.19	11,616	11,616	1.00	3.37	11,253	11,253	1.00	3.57
27	18	12,826	11,543	0.90	3.25	12,463	11,217	0.90	3.43	12,040	10,836	0.90	3.67
27	20	13,794	10,759	0.78	3.35	13,492	10,523	0.78	3.51	13,129	10,240	0.78	3.75
27	22	14,702	9,703	0.66	3.43	14,399	9,503	0.66	3.63	14,036	9,264	0.66	3.87
28	16	11,979	11,979	1.00	3.19	11,616	11,616	1.00	3.37	11,253	11,253	1.00	3.57
28	18	12,826	12,056	0.94	3.25	12,463	11,715	0.94	3.43	12,040	11,317	0.94	3.67
28	20	13,794	11,311	0.82	3.35	13,492	11,063	0.82	3.51	13,129	10,765	0.82	3.75
28	22	14,702	10,291	0.70	3.43	14,399	10,079	0.70	3.63	14,036	9,825	0.70	3.87
30	16	11,979	11,979	1.00	3.19	11,616	11,616	1.00	3.37	11,253	11,253	1.00	3.57
30	18	12,826	12,826	1.00	3.25	12,463	12,463	1.00	3.43	12,040	12,040	1.00	3.67
30	20	13,794	12,415	0.90	3.35	13,492	12,142	0.90	3.51	13,129	11,816	0.90	3.75
30	22	14,702	11,467	0.78	3.43	14,399	11,231	0.78	3.63	14,036	10,948	0.78	3.87
32	16	11,979	11,979	1.00	3.19	11,616	11,616	1.00	3.37	11,253	11,253	1.00	3.57
32	18	12,826	12,826	1.00	3.25	12,463	12,463	1.00	3.43	12,040	12,040	1.00	3.67
32	20	13,794	13,518	0.98	3.35	13,492	13,222	0.98	3.51	13,129	12,866	0.98	3.75
32	22	14,702	12,643	0.86	3.43	14,399	12,383	0.86	3.63	14,036	12,071	0.86	3.87
34	16	11,979	11,979	1.00	3.19	11,616	11,616	1.00	3.37	11,253	11,253	1.00	3.57
34	18	12,826	12,826	1.00	3.25	12,463	12,463	1.00	3.43	12,040	12,040	1.00	3.67
34	20	13,794	13,794	1.00	3.35	13,492	13,492	1.00	3.51	13,129	13,129	1.00	3.75
34	22	14,702	13,819	0.94	3.43	14,399	13,535	0.94	3.63	14,036	13,194	0.94	3.87

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	7,969	0.74	3.83	10,285	7,611	0.74	4.11	9,801	7,253	0.74	4.45
20	18	11,616	7,202	0.62	3.93	11,253	6,977	0.62	4.23	10,527	6,527	0.62	4.55
20	20	12,584	6,292	0.50	4.03	12,100	6,050	0.50	4.31	11,374	5,687	0.50	4.63
22	16	10,769	8,831	0.82	3.83	10,285	8,434	0.82	4.11	9,801	8,037	0.82	4.45
22	18	11,616	8,131	0.70	3.93	11,253	7,877	0.70	4.23	10,527	7,369	0.70	4.55
22	20	12,584	7,299	0.58	4.03	12,100	7,018	0.58	4.31	11,374	6,597	0.58	4.63
24	16	10,769	9,692	0.90	3.83	10,285	9,257	0.90	4.11	9,801	8,821	0.90	4.45
24	18	11,616	9,060	0.78	3.93	11,253	8,777	0.78	4.23	10,527	8,211	0.78	4.55
24	20	12,584	8,305	0.66	4.03	12,100	7,986	0.66	4.31	11,374	7,507	0.66	4.63
24	22	13,552	7,318	0.54	4.11	13,068	7,057	0.54	4.43	12,342	6,665	0.54	4.71
26	16	10,769	10,554	0.98	3.83	10,285	10,079	0.98	4.11	9,801	9,605	0.98	4.45
26	18	11,616	9,990	0.86	3.93	11,253	9,678	0.86	4.23	10,527	9,053	0.86	4.55
26	20	12,584	9,312	0.74	4.03	12,100	8,954	0.74	4.31	11,374	8,417	0.74	4.63
26	22	13,552	8,402	0.62	4.11	13,068	8,102	0.62	4.43	12,342	7,652	0.62	4.71
27	16	10,769	10,769	1.00	3.83	10,285	10,285	1.00	4.11	9,801	9,801	1.00	4.45
27	18	11,616	10,454	0.90	3.93	11,253	10,128	0.90	4.23	10,527	9,474	0.90	4.55
27	20	12,584	9,816	0.78	4.03	12,100	9,438	0.78	4.31	11,374	8,872	0.78	4.63
27	22	13,552	8,944	0.66	4.11	13,068	8,625	0.66	4.43	12,342	8,146	0.66	4.71
28	16	10,769	10,769	1.00	3.83	10,285	10,285	1.00	4.11	9,801	9,801	1.00	4.45
28	18	11,616	10,919	0.94	3.93	11,253	10,578	0.94	4.23	10,527	9,895	0.94	4.55
28	20	12,584	10,319	0.82	4.03	12,100	9,922	0.82	4.31	11,374	9,327	0.82	4.63
28	22	13,552	9,486	0.70	4.11	13,068	9,148	0.70	4.43	12,342	8,639	0.70	4.71
30	16	10,769	10,769	1.00	3.83	10,285	10,285	1.00	4.11	9,801	9,801	1.00	4.45
30	18	11,616	11,616	1.00	3.93	11,253	11,253	1.00	4.23	10,527	10,527	1.00	4.55
30	20	12,584	11,326	0.90	4.03	12,100	10,890	0.90	4.31	11,374	10,237	0.90	4.63
30	22	13,552	10,571	0.78	4.11	13,068	10,193	0.78	4.43	12,342	9,627	0.78	4.71
32	16	10,769	10,769	1.00	3.83	10,285	10,285	1.00	4.11	9,801	9,801	1.00	4.45
32	18	11,616	11,616	1.00	3.93	11,253	11,253	1.00	4.23	10,527	10,527	1.00	4.55
32	20	12,584	12,332	0.98	4.03	12,100	11,858	0.98	4.31	11,374	11,147	0.98	4.63
32	22	13,552	11,655	0.86	4.11	13,068	11,238	0.86	4.43	12,342	10,614	0.86	4.71
34	16	10,769	10,769	1.00	3.83	10,285	10,285	1.00	4.11	9,801	9,801	1.00	4.45
34	18	11,616	11,616	1.00	3.93	11,253	11,253	1.00	4.23	10,527	10,527	1.00	4.55
34	20	12,584	12,584	1.00	4.03	12,100	12,100	1.00	4.31	11,374	11,374	1.00	4.63
34	22	13,552	12,739	0.94	4.11	13,068	12,284	0.94	4.43	12,342	11,601	0.94	4.71

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

COOLING CAPACITY

PEAD-M140JAL / PUZ-M140VKA PUZ-M140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	3.79	12,864	9,519	0.74	4.01	12,462	9,222	0.74	4.24
20	18	14,204	8,806	0.62	3.86	13,802	8,557	0.62	4.08	13,333	8,266	0.62	4.36
20	20	15,276	7,638	0.50	3.98	14,941	7,471	0.50	4.17	14,539	7,270	0.50	4.46
22	16	13,266	10,878	0.82	3.79	12,864	10,548	0.82	4.01	12,462	10,219	0.82	4.24
22	18	14,204	9,943	0.70	3.86	13,802	9,661	0.70	4.08	13,333	9,333	0.70	4.36
22	20	15,276	8,860	0.58	3.98	14,941	8,666	0.58	4.17	14,539	8,433	0.58	4.46
24	16	13,266	11,939	0.90	3.79	12,864	11,578	0.90	4.01	12,462	11,216	0.90	4.24
24	18	14,204	11,079	0.78	3.86	13,802	10,766	0.78	4.08	13,333	10,400	0.78	4.36
24	20	15,276	10,082	0.66	3.98	14,941	9,861	0.66	4.17	14,539	9,596	0.66	4.46
24	22	16,281	8,792	0.54	4.08	15,946	8,611	0.54	4.31	15,544	8,394	0.54	4.60
26	16	13,266	13,001	0.98	3.79	12,864	12,607	0.98	4.01	12,462	12,213	0.98	4.24
26	18	14,204	12,215	0.86	3.86	13,802	11,870	0.86	4.08	13,333	11,466	0.86	4.36
26	20	15,276	11,304	0.74	3.98	14,941	11,056	0.74	4.17	14,539	11,759	0.74	4.46
26	22	16,281	10,094	0.62	4.08	15,946	9,887	0.62	4.31	15,544	9,637	0.62	4.60
27	16	13,266	13,266	1.00	3.79	12,864	12,864	1.00	4.01	12,462	12,462	1.00	4.24
27	18	14,204	12,784	0.90	3.86	13,802	12,422	0.90	4.08	13,333	12,000	0.90	4.36
27	20	15,276	11,915	0.78	3.98	14,941	11,654	0.78	4.17	14,539	11,340	0.78	4.46
27	22	16,281	10,745	0.66	4.08	15,946	10,524	0.66	4.31	15,544	10,259	0.66	4.60
28	16	13,266	13,266	1.00	3.79	12,864	12,864	1.00	4.01	12,462	12,462	1.00	4.24
28	18	14,204	13,352	0.94	3.86	13,802	12,974	0.94	4.08	13,333	12,533	0.94	4.36
28	20	15,276	12,526	0.82	3.98	14,941	12,252	0.82	4.17	14,539	11,922	0.82	4.46
28	22	16,281	11,397	0.70	4.08	15,946	11,162	0.70	4.31	15,544	10,881	0.70	4.60
30	16	13,266	13,266	1.00	3.79	12,864	12,864	1.00	4.01	12,462	12,462	1.00	4.24
30	18	14,204	14,204	1.00	3.86	13,802	13,802	1.00	4.08	13,333	13,333	1.00	4.36
30	20	15,276	13,748	0.90	3.98	14,941	13,447	0.90	4.17	14,539	13,085	0.90	4.46
30	22	16,281	12,699	0.78	4.08	15,946	12,438	0.78	4.31	15,544	12,124	0.78	4.60
32	16	13,266	13,266	1.00	3.79	12,864	12,864	1.00	4.01	12,462	12,462	1.00	4.24
32	18	14,204	14,204	1.00	3.86	13,802	13,802	1.00	4.08	13,333	13,333	1.00	4.36
32	20	15,276	14,970	0.98	3.98	14,941	14,642	0.98	4.17	14,539	14,248	0.98	4.46
32	22	16,281	14,002	0.86	4.08	15,946	13,714	0.86	4.31	15,544	13,368	0.86	4.60
34	16	13,266	13,266	1.00	3.79	12,864	12,864	1.00	4.01	12,462	12,462	1.00	4.24
34	18	14,204	14,204	1.00	3.86	13,802	13,802	1.00	4.08	13,333	13,333	1.00	4.36
34	20	15,276	15,276	1.00	3.98	14,941	14,941	1.00	4.17	14,539	14,539	1.00	4.46
34	22	16,281	15,304	0.94	4.08	15,946	14,989	0.94	4.31	15,544	14,611	0.94	4.60

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	4.55	11,390	8,429	0.74	4.88	10,854	8,032	0.74	5.29
20	18	12,864	7,976	0.62	4.67	12,462	7,726	0.62	5.02	11,658	7,228	0.62	5.40
20	20	13,936	6,968	0.50	4.79	13,400	6,700	0.50	5.12	12,596	6,298	0.50	5.50
22	16	11,926	9,779	0.82	4.55	11,390	9,340	0.82	4.88	10,854	8,900	0.82	5.29
22	18	12,864	9,005	0.70	4.67	12,462	8,723	0.70	5.02	11,658	8,161	0.70	5.40
22	20	13,936	8,083	0.58	4.79	13,400	7,772	0.58	5.12	12,596	7,306	0.58	5.50
24	16	11,926	10,733	0.90	4.55	11,390	10,251	0.90	4.88	10,854	9,769	0.90	5.29
24	18	12,864	10,034	0.78	4.67	12,462	9,720	0.78	5.02	11,658	9,093	0.78	5.40
24	20	13,936	9,198	0.66	4.79	13,400	8,844	0.66	5.12	12,596	8,313	0.66	5.50
24	22	15,008	8,104	0.54	4.88	14,472	7,815	0.54	5.26	13,668	7,381	0.54	5.59
26	16	11,926	11,687	0.98	4.55	11,390	11,162	0.98	4.88	10,854	10,637	0.98	5.29
26	18	12,864	11,063	0.86	4.67	12,462	10,717	0.86	5.02	11,658	10,026	0.86	5.40
26	20	13,936	10,313	0.74	4.79	13,400	9,916	0.74	5.12	12,596	9,321	0.74	5.50
26	22	15,008	9,305	0.62	4.88	14,472	8,973	0.62	5.26	13,668	8,474	0.62	5.59
27	16	11,926	11,926	1.00	4.55	11,390	11,390	1.00	4.88	10,854	10,854	1.00	5.29
27	18	12,864	11,578	0.90	4.67	12,462	11,216	0.90	5.02	11,658	10,492	0.90	5.40
27	20	13,936	10,870	0.78	4.79	13,400	10,452	0.78	5.12	12,596	9,825	0.78	5.50
27	22	15,008	9,905	0.66	4.88	14,472	9,552	0.66	5.26	13,668	9,021	0.66	5.59
28	16	11,926	11,926	1.00	4.55	11,390	11,390	1.00	4.88	10,854	10,854	1.00	5.29
28	18	12,864	12,092	0.94	4.67	12,462	11,714	0.94	5.02	11,658	10,959	0.94	5.40
28	20	13,936	11,428	0.82	4.79	13,400	10,988	0.82	5.12	12,596	10,329	0.82	5.50
28	22	15,008	10,506	0.70	4.88	14,472	10,130	0.70	5.26	13,668	9,568	0.70	5.59
30	16	11,926	11,926	1.00	4.55	11,390	11,390	1.00	4.88	10,854	10,854	1.00	5.29
30	18	12,864	12,864	1.00	4.67	12,462	12,462	1.00	5.02	11,658	11,658	1.00	5.40
30	20	13,936	12,542	0.90	4.79	13,400	12,060	0.90	5.12	12,596	11,336	0.90	5.50
30	22	15,008	11,706	0.78	4.88	14,472	11,288	0.78	5.26	13,668	10,661	0.78	5.59
32	16	11,926	11,926	1.00	4.55	11,390	11,390	1.00	4.88	10,854	10,854	1.00	5.29
32	18	12,864	12,864	1.00	4.67	12,462	12,462	1.00	5.02	11,658	11,658	1.00	5.40
32	20	13,936	13,657	0.98	4.79	13,400	13,132	0.98	5.12	12,596	12,344	0.98	5.50
32	22	15,008	12,907	0.86	4.88	14,472	12,446	0.86	5.26	13,668	11,754	0.86	5.59
34	16	11,926	11,926	1.00	4.55	11,390	11,390	1.00	4.88	10,854	10,854	1.00	5.29
34	18	12,864	12,864	1.00	4.67	12,462	12,462	1.00	5.02	11,658	11,658	1.00	5.40
34	20	13,936	13,936	1.00	4.79	13,400	13,400	1.00	5.12	12,596	12,596	1.00	5.50
34	22	15,008	14,108	0.94	4.88	14,472	13,604	0.94	5.26	13,668	12,848	0.94	5.59

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM71JA / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.664	7,988	5,192	0.65	1.747	7,668	4,984	0.65	1.830	7,384	4,800	0.65	1.914
21	20	8,698	4,610	0.53	1.747	8,343	4,422	0.53	1.851	8,094	4,290	0.53	1.893	7,810	4,139	0.53	1.976
22	18	8,343	5,756	0.69	1.664	7,988	5,511	0.69	1.747	7,668	5,291	0.69	1.830	7,384	5,095	0.69	1.914
22	20	8,698	4,958	0.57	1.747	8,343	4,755	0.57	1.851	8,094	4,614	0.57	1.893	7,810	4,452	0.57	1.976
22	22	9,053	4,074	0.45	1.810	8,733	3,930	0.45	1.924	8,520	3,834	0.45	1.976	8,165	3,674	0.45	2.059
23	18	8,343	6,090	0.73	1.664	7,988	5,831	0.73	1.747	7,668	5,598	0.73	1.830	7,384	5,390	0.73	1.914
23	20	8,698	5,305	0.61	1.747	8,343	5,089	0.61	1.851	8,094	4,937	0.61	1.893	7,810	4,764	0.61	1.976
23	22	9,053	4,436	0.49	1.810	8,733	4,279	0.49	1.924	8,520	4,175	0.49	1.976	8,165	4,001	0.49	2.059
24	18	8,343	6,424	0.77	1.664	7,988	6,150	0.77	1.747	7,668	5,904	0.77	1.830	7,384	5,686	0.77	1.914
24	20	8,698	5,653	0.65	1.747	8,343	5,423	0.65	1.851	8,094	5,261	0.65	1.893	7,810	5,077	0.65	1.976
24	22	9,053	4,798	0.53	1.810	8,733	4,628	0.53	1.924	8,520	4,516	0.53	1.976	8,165	4,327	0.53	2.059
24	24	9,514	3,901	0.41	1.893	9,159	3,755	0.41	1.997	8,946	3,668	0.41	2.059	8,662	3,551	0.41	2.163
25	20	8,698	6,001	0.69	1.747	8,343	5,756	0.69	1.851	8,094	5,585	0.69	1.893	7,810	5,389	0.69	1.976
25	22	9,053	5,160	0.57	1.810	8,733	4,978	0.57	1.924	8,520	4,856	0.57	1.976	8,165	4,654	0.57	2.059
25	24	9,514	4,281	0.45	1.893	9,159	4,122	0.45	1.997	8,946	4,026	0.45	2.059	8,662	3,898	0.45	2.163
26	18	8,343	7,091	0.85	1.664	7,988	6,789	0.85	1.747	7,668	6,518	0.85	1.830	7,384	6,276	0.85	1.914
26	20	8,698	6,349	0.73	1.747	8,343	6,090	0.73	1.851	8,094	5,909	0.73	1.893	7,810	5,701	0.73	1.976
26	22	9,053	5,522	0.61	1.810	8,733	5,327	0.61	1.924	8,520	5,197	0.61	1.976	8,165	4,981	0.61	2.059
26	24	9,514	4,662	0.49	1.893	9,159	4,488	0.49	1.997	8,946	4,384	0.49	2.059	8,662	4,244	0.49	2.163
26	26	9,798	3,625	0.37	1.997	9,514	3,520	0.37	2.101	9,372	3,468	0.37	2.163	9,088	3,363	0.37	2.226
27	18	8,343	7,425	0.89	1.664	7,988	7,109	0.89	1.747	7,668	6,825	0.89	1.830	7,384	6,572	0.89	1.914
27	20	8,698	6,697	0.77	1.747	8,343	6,424	0.77	1.851	8,094	6,232	0.77	1.893	7,810	6,014	0.77	1.976
27	22	9,053	5,884	0.65	1.810	8,733	5,676	0.65	1.924	8,520	5,538	0.65	1.976	8,165	5,307	0.65	2.059
27	24	9,514	5,042	0.53	1.893	9,159	4,854	0.53	1.997	8,946	4,741	0.53	2.059	8,662	4,591	0.53	2.163
27	26	9,798	4,017	0.41	1.997	9,514	3,901	0.41	2.101	9,372	3,843	0.41	2.163	9,088	3,726	0.41	2.226
28	18	8,343	7,759	0.93	1.664	7,988	7,428	0.93	1.747	7,668	7,131	0.93	1.830	7,384	6,867	0.93	1.914
28	20	8,698	7,045	0.81	1.747	8,343	6,757	0.81	1.851	8,094	6,556	0.81	1.893	7,810	6,326	0.81	1.976
28	22	9,053	6,246	0.69	1.810	8,733	6,026	0.69	1.924	8,520	5,879	0.69	1.976	8,165	5,634	0.69	2.059
28	24	9,514	5,423	0.57	1.893	9,159	5,221	0.57	1.997	8,946	5,099	0.57	2.059	8,662	4,937	0.57	2.163
28	26	9,798	4,409	0.45	1.997	9,514	4,281	0.45	2.101	9,372	4,217	0.45	2.163	9,088	4,090	0.45	2.226
29	18	8,343	8,092	0.97	1.664	7,988	7,748	0.97	1.747	7,668	7,438	0.97	1.830	7,384	7,162	0.97	1.914
29	20	8,698	7,393	0.85	1.747	8,343	7,091	0.85	1.851	8,094	6,880	0.85	1.893	7,810	6,639	0.85	1.976
29	22	9,053	6,608	0.73	1.810	8,733	6,375	0.73	1.924	8,520	6,220	0.73	1.976	8,165	5,960	0.73	2.059
29	24	9,514	5,804	0.61	1.893	9,159	5,587	0.61	1.997	8,946	5,457	0.61	2.059	8,662	5,284	0.61	2.163
29	26	9,798	4,801	0.49	1.997	9,514	4,662	0.49	2.101	9,372	4,592	0.49	2.163	9,088	4,453	0.49	2.226
30	18	8,343	8,426	1.01	1.664	7,988	8,067	1.01	1.747	7,668	7,745	1.01	1.830	7,384	7,458	1.01	1.914
30	20	8,698	7,741	0.89	1.747	8,343	7,425	0.89	1.851	8,094	7,204	0.89	1.893	7,810	6,951	0.89	1.976
30	22	9,053	6,970	0.77	1.810	8,733	6,724	0.77	1.924	8,520	6,560	0.77	1.976	8,165	6,287	0.77	2.059
30	24	9,514	6,184	0.65	1.893	9,159	5,953	0.65	1.997	8,946	5,815	0.65	2.059	8,662	5,630	0.65	2.163
30	26	9,798	5,193	0.53	1.997	9,514	5,042	0.53	2.101	9,372	4,967	0.53	2.163	9,088	4,817	0.53	2.226
31	18	8,343	8,760	1.05	1.664	7,988	8,387	1.05	1.747	7,668	8,051	1.05	1.830	7,384	7,753	1.05	1.914
31	20	8,698	8,089	0.93	1.747	8,343	7,759	0.93	1.851	8,094	7,527	0.93	1.893	7,810	7,263	0.93	1.976
31	22	9,053	7,333	0.81	1.810	8,733	7,074	0.81	1.924	8,520	6,901	0.81	1.976	8,165	6,614	0.81	2.059
31	24	9,514	6,565	0.69	1.893	9,159	6,320	0.69	1.997	8,946	6,173	0.69	2.059	8,662	5,977	0.69	2.163
31	26	9,798	5,585	0.57	1.997	9,514	5,423	0.57	2.101	9,372	5,342	0.57	2.163	9,088	5,180	0.57	2.226
32	18	8,343	9,093	1.09	1.664	7,988	8,706	1.09	1.747	7,668	8,358	1.09	1.830	7,384	8,049	1.09	1.914
32	20	8,698	8,437	0.97	1.747	8,343	8,092	0.97	1.851	8,094	7,851	0.97	1.893	7,810	7,576	0.97	1.976
32	22	9,053	7,695	0.85	1.810	8,733	7,423	0.85	1.924	8,520	7,242	0.85	1.976	8,165	6,940	0.85	2.059
32	24	9,514	6,945	0.73	1.893	9,159	6,686	0.73	1.997	8,946	6,531	0.73	2.059	8,662	6,323	0.73	2.163
32	26	9,798	5,977	0.61	1.997	9,514	5,804	0.61	2.101	9,372	5,717	0.61	2.163	9,088	5,544	0.61	2.226

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM71JA / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.038	6,390	4,154	0.65	2.163	5,893	3,830	0.65	2.246
21	20	7,313	3,876	0.53	2.122	6,816	3,612	0.53	2.226	6,319	3,349	0.53	2.350
22	18	6,958	4,801	0.69	2.038	6,390	4,409	0.69	2.163	5,893	4,066	0.69	2.246
22	20	7,313	4,168	0.57	2.122	6,816	3,885	0.57	2.226	6,319	3,602	0.57	2.350
22	22	7,739	3,483	0.45	2.205	7,242	3,259	0.45	2.330	6,745	3,035	0.45	2.413
23	18	6,958	5,079	0.73	2.038	6,390	4,665	0.73	2.163	5,893	4,302	0.73	2.246
23	20	7,313	4,461	0.61	2.122	6,816	4,158	0.61	2.226	6,319	3,855	0.61	2.350
23	22	7,739	3,792	0.49	2.205	7,242	3,549	0.49	2.330	6,745	3,305	0.49	2.413
24	18	6,958	5,358	0.77	2.038	6,390	4,920	0.77	2.163	5,893	4,538	0.77	2.246
24	20	7,313	4,753	0.65	2.122	6,816	4,430	0.65	2.226	6,319	4,107	0.65	2.350
24	22	7,739	4,102	0.53	2.205	7,242	3,838	0.53	2.330	6,745	3,575	0.53	2.413
24	24	8,165	3,348	0.41	2.288	7,668	3,144	0.41	2.392	7,242	2,969	0.41	2.496
25	20	7,313	5,046	0.69	2.122	6,816	4,703	0.69	2.226	6,319	4,360	0.69	2.350
25	22	7,739	4,411	0.57	2.205	7,242	4,128	0.57	2.330	6,745	3,845	0.57	2.413
25	24	8,165	3,674	0.45	2.288	7,668	3,451	0.45	2.392	7,242	3,259	0.45	2.496
26	18	6,958	5,914	0.85	2.038	6,390	5,432	0.85	2.163	5,893	5,009	0.85	2.246
26	20	7,313	5,338	0.73	2.122	6,816	4,976	0.73	2.226	6,319	4,613	0.73	2.350
26	22	7,739	4,721	0.61	2.205	7,242	4,418	0.61	2.330	6,745	4,114	0.61	2.413
26	24	8,165	4,001	0.49	2.288	7,668	3,757	0.49	2.392	7,242	3,549	0.49	2.496
26	26	8,591	3,179	0.37	2.371	8,094	2,995	0.37	2.475	7,597	2,811	0.37	2.579
27	18	6,958	6,193	0.89	2.038	6,390	5,687	0.89	2.163	5,893	5,245	0.89	2.246
27	20	7,313	5,631	0.77	2.122	6,816	5,248	0.77	2.226	6,319	4,866	0.77	2.350
27	22	7,739	5,030	0.65	2.205	7,242	4,707	0.65	2.330	6,745	4,384	0.65	2.413
27	24	8,165	4,327	0.53	2.288	7,668	4,064	0.53	2.392	7,242	3,838	0.53	2.496
27	26	8,591	3,522	0.41	2.371	8,094	3,319	0.41	2.475	7,597	3,115	0.41	2.579
28	18	6,958	6,471	0.93	2.038	6,390	5,943	0.93	2.163	5,893	5,480	0.93	2.246
28	20	7,313	5,924	0.81	2.122	6,816	5,521	0.81	2.226	6,319	5,118	0.81	2.350
28	22	7,739	5,340	0.69	2.205	7,242	4,997	0.69	2.330	6,745	4,654	0.69	2.413
28	24	8,165	4,654	0.57	2.288	7,668	4,371	0.57	2.392	7,242	4,128	0.57	2.496
28	26	8,591	3,866	0.45	2.371	8,094	3,642	0.45	2.475	7,597	3,419	0.45	2.579
29	18	6,958	6,749	0.97	2.038	6,390	6,198	0.97	2.163	5,893	5,716	0.97	2.246
29	20	7,313	6,216	0.85	2.122	6,816	5,794	0.85	2.226	6,319	5,371	0.85	2.350
29	22	7,739	5,649	0.73	2.205	7,242	5,287	0.73	2.330	6,745	4,924	0.73	2.413
29	24	8,165	4,981	0.61	2.288	7,668	4,677	0.61	2.392	7,242	4,418	0.61	2.496
29	26	8,591	4,210	0.49	2.371	8,094	3,966	0.49	2.475	7,597	3,723	0.49	2.579
30	18	6,958	7,028	1.01	2.038	6,390	6,454	1.01	2.163	5,893	5,952	1.01	2.246
30	20	7,313	6,509	0.89	2.122	6,816	6,066	0.89	2.226	6,319	5,624	0.89	2.350
30	22	7,739	5,959	0.77	2.205	7,242	5,576	0.77	2.330	6,745	5,194	0.77	2.413
30	24	8,165	5,307	0.65	2.288	7,668	4,984	0.65	2.392	7,242	4,707	0.65	2.496
30	26	8,591	4,553	0.53	2.371	8,094	4,290	0.53	2.475	7,597	4,026	0.53	2.579
31	18	6,958	7,306	1.05	2.038	6,390	6,710	1.05	2.163	5,893	6,188	1.05	2.246
31	20	7,313	6,801	0.93	2.122	6,816	6,339	0.93	2.226	6,319	5,877	0.93	2.350
31	22	7,739	6,269	0.81	2.205	7,242	5,866	0.81	2.330	6,745	5,463	0.81	2.413
31	24	8,165	5,634	0.69	2.288	7,668	5,291	0.69	2.392	7,242	4,997	0.69	2.496
31	26	8,591	4,897	0.57	2.371	8,094	4,614	0.57	2.475	7,597	4,330	0.57	2.579
32	18	6,958	7,584	1.09	2.038	6,390	6,965	1.09	2.163	5,893	6,423	1.09	2.246
32	20	7,313	7,094	0.97	2.122	6,816	6,612	0.97	2.226	6,319	6,129	0.97	2.350
32	22	7,739	6,578	0.85	2.205	7,242	6,156	0.85	2.330	6,745	5,733	0.85	2.413
32	24	8,165	5,960	0.73	2.288	7,668	5,598	0.73	2.392	7,242	5,287	0.73	2.496
32	26	8,591	5,241	0.61	2.371	8,094	4,937	0.61	2.475	7,597	4,634	0.61	2.579

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM71JAL / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.664	7,988	5,192	0.65	1.747	7,668	4,984	0.65	1.830	7,384	4,800	0.65	1.914
21	20	8,698	4,610	0.53	1.747	8,343	4,422	0.53	1.851	8,094	4,290	0.53	1.893	7,810	4,139	0.53	1.976
22	18	8,343	5,756	0.69	1.664	7,988	5,511	0.69	1.747	7,668	5,291	0.69	1.830	7,384	5,095	0.69	1.914
22	20	8,698	4,958	0.57	1.747	8,343	4,755	0.57	1.851	8,094	4,614	0.57	1.893	7,810	4,452	0.57	1.976
22	22	9,053	4,074	0.45	1.810	8,733	3,930	0.45	1.924	8,520	3,834	0.45	1.976	8,165	3,674	0.45	2.059
23	18	8,343	6,090	0.73	1.664	7,988	5,831	0.73	1.747	7,668	5,598	0.73	1.830	7,384	5,390	0.73	1.914
23	20	8,698	5,305	0.61	1.747	8,343	5,089	0.61	1.851	8,094	4,937	0.61	1.893	7,810	4,764	0.61	1.976
23	22	9,053	4,436	0.49	1.810	8,733	4,279	0.49	1.924	8,520	4,175	0.49	1.976	8,165	4,001	0.49	2.059
24	18	8,343	6,424	0.77	1.664	7,988	6,150	0.77	1.747	7,668	5,904	0.77	1.830	7,384	5,686	0.77	1.914
24	20	8,698	5,653	0.65	1.747	8,343	5,423	0.65	1.851	8,094	5,261	0.65	1.893	7,810	5,077	0.65	1.976
24	22	9,053	4,798	0.53	1.810	8,733	4,628	0.53	1.924	8,520	4,516	0.53	1.976	8,165	4,327	0.53	2.059
24	24	9,514	3,901	0.41	1.893	9,159	3,755	0.41	1.997	8,946	3,668	0.41	2.059	8,662	3,551	0.41	2.163
25	20	8,698	6,001	0.69	1.747	8,343	5,756	0.69	1.851	8,094	5,585	0.69	1.893	7,810	5,389	0.69	1.976
25	22	9,053	5,160	0.57	1.810	8,733	4,978	0.57	1.924	8,520	4,856	0.57	1.976	8,165	4,654	0.57	2.059
25	24	9,514	4,281	0.45	1.893	9,159	4,122	0.45	1.997	8,946	4,026	0.45	2.059	8,662	3,898	0.45	2.163
26	18	8,343	7,091	0.85	1.664	7,988	6,789	0.85	1.747	7,668	6,518	0.85	1.830	7,384	6,276	0.85	1.914
26	20	8,698	6,349	0.73	1.747	8,343	6,090	0.73	1.851	8,094	5,909	0.73	1.893	7,810	5,701	0.73	1.976
26	22	9,053	5,522	0.61	1.810	8,733	5,327	0.61	1.924	8,520	5,197	0.61	1.976	8,165	4,981	0.61	2.059
26	24	9,514	4,662	0.49	1.893	9,159	4,488	0.49	1.997	8,946	4,384	0.49	2.059	8,662	4,244	0.49	2.163
26	26	9,798	3,625	0.37	1.997	9,514	3,520	0.37	2.101	9,372	3,468	0.37	2.163	9,088	3,363	0.37	2.226
27	18	8,343	7,425	0.89	1.664	7,988	7,109	0.89	1.747	7,668	6,825	0.89	1.830	7,384	6,572	0.89	1.914
27	20	8,698	6,697	0.77	1.747	8,343	6,424	0.77	1.851	8,094	6,232	0.77	1.893	7,810	6,014	0.77	1.976
27	22	9,053	5,884	0.65	1.810	8,733	5,676	0.65	1.924	8,520	5,538	0.65	1.976	8,165	5,307	0.65	2.059
27	24	9,514	5,042	0.53	1.893	9,159	4,854	0.53	1.997	8,946	4,741	0.53	2.059	8,662	4,591	0.53	2.163
27	26	9,798	4,017	0.41	1.997	9,514	3,901	0.41	2.101	9,372	3,843	0.41	2.163	9,088	3,726	0.41	2.226
28	18	8,343	7,759	0.93	1.664	7,988	7,428	0.93	1.747	7,668	7,131	0.93	1.830	7,384	6,867	0.93	1.914
28	20	8,698	7,045	0.81	1.747	8,343	6,757	0.81	1.851	8,094	6,556	0.81	1.893	7,810	6,326	0.81	1.976
28	22	9,053	6,246	0.69	1.810	8,733	6,026	0.69	1.924	8,520	5,879	0.69	1.976	8,165	5,634	0.69	2.059
28	24	9,514	5,423	0.57	1.893	9,159	5,221	0.57	1.997	8,946	5,099	0.57	2.059	8,662	4,937	0.57	2.163
28	26	9,798	4,409	0.45	1.997	9,514	4,281	0.45	2.101	9,372	4,217	0.45	2.163	9,088	4,090	0.45	2.226
29	18	8,343	8,092	0.97	1.664	7,988	7,748	0.97	1.747	7,668	7,438	0.97	1.830	7,384	7,162	0.97	1.914
29	20	8,698	7,393	0.85	1.747	8,343	7,091	0.85	1.851	8,094	6,880	0.85	1.893	7,810	6,639	0.85	1.976
29	22	9,053	6,608	0.73	1.810	8,733	6,375	0.73	1.924	8,520	6,220	0.73	1.976	8,165	5,960	0.73	2.059
29	24	9,514	5,804	0.61	1.893	9,159	5,587	0.61	1.997	8,946	5,457	0.61	2.059	8,662	5,284	0.61	2.163
29	26	9,798	4,801	0.49	1.997	9,514	4,662	0.49	2.101	9,372	4,592	0.49	2.163	9,088	4,453	0.49	2.226
30	18	8,343	8,426	1.01	1.664	7,988	8,067	1.01	1.747	7,668	7,745	1.01	1.830	7,384	7,458	1.01	1.914
30	20	8,698	7,741	0.89	1.747	8,343	7,425	0.89	1.851	8,094	7,204	0.89	1.893	7,810	6,951	0.89	1.976
30	22	9,053	6,970	0.77	1.810	8,733	6,724	0.77	1.924	8,520	6,560	0.77	1.976	8,165	6,287	0.77	2.059
30	24	9,514	6,184	0.65	1.893	9,159	5,953	0.65	1.997	8,946	5,815	0.65	2.059	8,662	5,630	0.65	2.163
30	26	9,798	5,193	0.53	1.997	9,514	5,042	0.53	2.101	9,372	4,967	0.53	2.163	9,088	4,817	0.53	2.226
31	18	8,343	8,760	1.05	1.664	7,988	8,387	1.05	1.747	7,668	8,051	1.05	1.830	7,384	7,753	1.05	1.914
31	20	8,698	8,089	0.93	1.747	8,343	7,759	0.93	1.851	8,094	7,527	0.93	1.893	7,810	7,263	0.93	1.976
31	22	9,053	7,333	0.81	1.810	8,733	7,074	0.81	1.924	8,520	6,901	0.81	1.976	8,165	6,614	0.81	2.059
31	24	9,514	6,565	0.69	1.893	9,159	6,320	0.69	1.997	8,946	6,173	0.69	2.059	8,662	5,977	0.69	2.163
31	26	9,798	5,585	0.57	1.997	9,514	5,423	0.57	2.101	9,372	5,342	0.57	2.163	9,088	5,180	0.57	2.226
32	18	8,343	9,093	1.09	1.664	7,988	8,706	1.09	1.747	7,668	8,358	1.09	1.830	7,384	8,049	1.09	1.914
32	20	8,698	8,437	0.97	1.747	8,343	8,092	0.97	1.851	8,094	7,851	0.97	1.893	7,810	7,576	0.97	1.976
32	22	9,053	7,695	0.85	1.810	8,733	7,423	0.85	1.924	8,520	7,242	0.85	1.976	8,165	6,940	0.85	2.059
32	24	9,514	6,945	0.73	1.893	9,159	6,686	0.73	1.997	8,946	6,531	0.73	2.059	8,662	6,323	0.73	2.163
32	26	9,798	5,977	0.61	1.997	9,514	5,804	0.61	2.101	9,372	5,717	0.61	2.163	9,088	5,544	0.61	2.226

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM71JAL / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.038	6,390	4,154	0.65	2.163	5,893	3,830	0.65	2.246
21	20	7,313	3,876	0.53	2.122	6,816	3,612	0.53	2.226	6,319	3,349	0.53	2.350
22	18	6,958	4,801	0.69	2.038	6,390	4,409	0.69	2.163	5,893	4,066	0.69	2.246
22	20	7,313	4,168	0.57	2.122	6,816	3,885	0.57	2.226	6,319	3,602	0.57	2.350
22	22	7,739	3,483	0.45	2.205	7,242	3,259	0.45	2.330	6,745	3,035	0.45	2.413
23	18	6,958	5,079	0.73	2.038	6,390	4,665	0.73	2.163	5,893	4,302	0.73	2.246
23	20	7,313	4,461	0.61	2.122	6,816	4,158	0.61	2.226	6,319	3,855	0.61	2.350
23	22	7,739	3,792	0.49	2.205	7,242	3,549	0.49	2.330	6,745	3,305	0.49	2.413
24	18	6,958	5,358	0.77	2.038	6,390	4,920	0.77	2.163	5,893	4,538	0.77	2.246
24	20	7,313	4,753	0.65	2.122	6,816	4,430	0.65	2.226	6,319	4,107	0.65	2.350
24	22	7,739	4,102	0.53	2.205	7,242	3,838	0.53	2.330	6,745	3,575	0.53	2.413
24	24	8,165	3,348	0.41	2.288	7,668	3,144	0.41	2.392	7,242	2,969	0.41	2.496
25	20	7,313	5,046	0.69	2.122	6,816	4,703	0.69	2.226	6,319	4,360	0.69	2.350
25	22	7,739	4,411	0.57	2.205	7,242	4,128	0.57	2.330	6,745	3,845	0.57	2.413
25	24	8,165	3,674	0.45	2.288	7,668	3,451	0.45	2.392	7,242	3,259	0.45	2.496
26	18	6,958	5,914	0.85	2.038	6,390	5,432	0.85	2.163	5,893	5,009	0.85	2.246
26	20	7,313	5,338	0.73	2.122	6,816	4,976	0.73	2.226	6,319	4,613	0.73	2.350
26	22	7,739	4,721	0.61	2.205	7,242	4,418	0.61	2.330	6,745	4,114	0.61	2.413
26	24	8,165	4,001	0.49	2.288	7,668	3,757	0.49	2.392	7,242	3,549	0.49	2.496
26	26	8,591	3,179	0.37	2.371	8,094	2,995	0.37	2.475	7,597	2,811	0.37	2.579
27	18	6,958	6,193	0.89	2.038	6,390	5,687	0.89	2.163	5,893	5,245	0.89	2.246
27	20	7,313	5,631	0.77	2.122	6,816	5,248	0.77	2.226	6,319	4,866	0.77	2.350
27	22	7,739	5,030	0.65	2.205	7,242	4,707	0.65	2.330	6,745	4,384	0.65	2.413
27	24	8,165	4,327	0.53	2.288	7,668	4,064	0.53	2.392	7,242	3,838	0.53	2.496
27	26	8,591	3,522	0.41	2.371	8,094	3,319	0.41	2.475	7,597	3,115	0.41	2.579
28	18	6,958	6,471	0.93	2.038	6,390	5,943	0.93	2.163	5,893	5,480	0.93	2.246
28	20	7,313	5,924	0.81	2.122	6,816	5,521	0.81	2.226	6,319	5,118	0.81	2.350
28	22	7,739	5,340	0.69	2.205	7,242	4,997	0.69	2.330	6,745	4,654	0.69	2.413
28	24	8,165	4,654	0.57	2.288	7,668	4,371	0.57	2.392	7,242	4,128	0.57	2.496
28	26	8,591	3,866	0.45	2.371	8,094	3,642	0.45	2.475	7,597	3,419	0.45	2.579
29	18	6,958	6,749	0.97	2.038	6,390	6,198	0.97	2.163	5,893	5,716	0.97	2.246
29	20	7,313	6,216	0.85	2.122	6,816	5,794	0.85	2.226	6,319	5,371	0.85	2.350
29	22	7,739	5,649	0.73	2.205	7,242	5,287	0.73	2.330	6,745	4,924	0.73	2.413
29	24	8,165	4,981	0.61	2.288	7,668	4,677	0.61	2.392	7,242	4,418	0.61	2.496
29	26	8,591	4,210	0.49	2.371	8,094	3,966	0.49	2.475	7,597	3,723	0.49	2.579
30	18	6,958	7,028	1.01	2.038	6,390	6,454	1.01	2.163	5,893	5,952	1.01	2.246
30	20	7,313	6,509	0.89	2.122	6,816	6,066	0.89	2.226	6,319	5,624	0.89	2.350
30	22	7,739	5,959	0.77	2.205	7,242	5,576	0.77	2.330	6,745	5,194	0.77	2.413
30	24	8,165	5,307	0.65	2.288	7,668	4,984	0.65	2.392	7,242	4,707	0.65	2.496
30	26	8,591	4,553	0.53	2.371	8,094	4,290	0.53	2.475	7,597	4,026	0.53	2.579
31	18	6,958	7,306	1.05	2.038	6,390	6,710	1.05	2.163	5,893	6,188	1.05	2.246
31	20	7,313	6,801	0.93	2.122	6,816	6,339	0.93	2.226	6,319	5,877	0.93	2.350
31	22	7,739	6,269	0.81	2.205	7,242	5,866	0.81	2.330	6,745	5,463	0.81	2.413
31	24	8,165	5,634	0.69	2.288	7,668	5,291	0.69	2.392	7,242	4,997	0.69	2.496
31	26	8,591	4,897	0.57	2.371	8,094	4,614	0.57	2.475	7,597	4,330	0.57	2.579
32	18	6,958	7,584	1.09	2.038	6,390	6,965	1.09	2.163	5,893	6,423	1.09	2.246
32	20	7,313	7,094	0.97	2.122	6,816	6,612	0.97	2.226	6,319	6,129	0.97	2.350
32	22	7,739	6,578	0.85	2.205	7,242	6,156	0.85	2.330	6,745	5,733	0.85	2.413
32	24	8,165	5,960	0.73	2.288	7,668	5,598	0.73	2.392	7,242	5,287	0.73	2.496
32	26	8,591	5,241	0.61	2.371	8,094	4,937	0.61	2.475	7,597	4,634	0.61	2.579

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-
CONCEALED

PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM100JA(L) / PUZ-SM100VKA PUZ-SM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,866	0.73	2.36	9,120	6,658	0.73	2.49	8,835	6,450	0.73	2.64
20	18	10,070	6,143	0.61	2.40	9,785	5,969	0.61	2.54	9,453	5,766	0.61	2.71
20	20	10,830	5,307	0.49	2.48	10,593	5,190	0.49	2.60	10,308	5,051	0.49	2.77
22	16	9,405	7,618	0.81	2.36	9,120	7,387	0.81	2.49	8,835	7,156	0.81	2.64
22	18	10,070	6,948	0.69	2.40	9,785	6,752	0.69	2.54	9,453	6,522	0.69	2.71
22	20	10,830	6,173	0.57	2.48	10,593	6,038	0.57	2.60	10,308	5,875	0.57	2.77
24	16	9,405	8,370	0.89	2.36	9,120	8,117	0.89	2.49	8,835	7,863	0.89	2.64
24	18	10,070	7,754	0.77	2.40	9,785	7,534	0.77	2.54	9,453	7,278	0.77	2.71
24	20	10,830	7,040	0.65	2.48	10,593	6,885	0.65	2.60	10,308	6,700	0.65	2.77
24	22	11,543	6,118	0.53	2.54	11,305	5,992	0.53	2.68	11,020	5,841	0.53	2.86
26	16	9,405	9,123	0.97	2.36	9,120	8,846	0.97	2.49	8,835	8,570	0.97	2.64
26	18	10,070	8,560	0.85	2.40	9,785	8,317	0.85	2.54	9,453	8,035	0.85	2.71
26	20	10,830	7,906	0.73	2.48	10,593	7,733	0.73	2.60	10,308	7,524	0.73	2.77
26	22	11,543	7,041	0.61	2.54	11,305	6,896	0.61	2.68	11,020	6,722	0.61	2.86
27	16	9,405	9,405	1.00	2.36	9,120	9,120	1.00	2.49	8,835	8,835	1.00	2.64
27	18	10,070	8,962	0.89	2.40	9,785	8,709	0.89	2.54	9,453	8,413	0.89	2.71
27	20	10,830	8,339	0.77	2.48	10,593	8,156	0.77	2.60	10,308	7,937	0.77	2.77
27	22	11,543	7,503	0.65	2.54	11,305	7,348	0.65	2.68	11,020	7,163	0.65	2.86
28	16	9,405	9,405	1.00	2.36	9,120	9,120	1.00	2.49	8,835	8,835	1.00	2.64
28	18	10,070	9,365	0.93	2.40	9,785	9,100	0.93	2.54	9,453	8,791	0.93	2.71
28	20	10,830	8,772	0.81	2.48	10,593	8,580	0.81	2.60	10,308	8,349	0.81	2.77
28	22	11,543	7,964	0.69	2.54	11,305	7,800	0.69	2.68	11,020	7,604	0.69	2.86
30	16	9,405	9,405	1.00	2.36	9,120	9,120	1.00	2.49	8,835	8,835	1.00	2.64
30	18	10,070	10,070	1.00	2.40	9,785	9,785	1.00	2.54	9,453	9,453	1.00	2.71
30	20	10,830	9,639	0.89	2.48	10,593	9,427	0.89	2.60	10,308	9,174	0.89	2.77
30	22	11,543	8,888	0.77	2.54	11,305	8,705	0.77	2.68	11,020	8,485	0.77	2.86
32	16	9,405	9,405	1.00	2.36	9,120	9,120	1.00	2.49	8,835	8,835	1.00	2.64
32	18	10,070	10,070	1.00	2.40	9,785	9,785	1.00	2.54	9,453	9,453	1.00	2.71
32	20	10,830	10,505	0.97	2.48	10,593	10,275	0.97	2.60	10,308	9,998	0.97	2.77
32	22	11,543	9,811	0.85	2.54	11,305	9,609	0.85	2.68	11,020	9,367	0.85	2.86
34	16	9,405	9,405	1.00	2.36	9,120	9,120	1.00	2.49	8,835	8,835	1.00	2.64
34	18	10,070	10,070	1.00	2.40	9,785	9,785	1.00	2.54	9,453	9,453	1.00	2.71
34	20	10,830	10,830	1.00	2.48	10,593	10,593	1.00	2.60	10,308	10,308	1.00	2.77
34	22	11,543	10,735	0.93	2.54	11,305	10,514	0.93	2.68	11,020	10,249	0.93	2.86

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,172	0.73	2.83	8,075	5,895	0.73	3.04	7,695	5,617	0.73	3.29
20	18	9,120	5,563	0.61	2.91	8,835	5,389	0.61	3.13	8,265	5,042	0.61	3.36
20	20	9,880	4,841	0.49	2.98	9,500	4,655	0.49	3.19	8,930	4,376	0.49	3.42
22	16	8,455	6,849	0.81	2.83	8,075	6,541	0.81	3.04	7,695	6,233	0.81	3.29
22	18	9,120	6,293	0.69	2.91	8,835	6,096	0.69	3.13	8,265	5,703	0.69	3.36
22	20	9,880	5,632	0.57	2.98	9,500	5,415	0.57	3.19	8,930	5,090	0.57	3.42
24	16	8,455	7,525	0.89	2.83	8,075	7,187	0.89	3.04	7,695	6,849	0.89	3.29
24	18	9,120	7,022	0.77	2.91	8,835	6,803	0.77	3.13	8,265	6,364	0.77	3.36
24	20	9,880	6,422	0.65	2.98	9,500	6,175	0.65	3.19	8,930	5,805	0.65	3.42
24	22	10,640	5,639	0.53	3.04	10,260	5,438	0.53	3.27	9,690	5,136	0.53	3.48
26	16	8,455	8,201	0.97	2.83	8,075	7,833	0.97	3.04	7,695	7,464	0.97	3.29
26	18	9,120	7,752	0.85	2.91	8,835	7,510	0.85	3.13	8,265	7,025	0.85	3.36
26	20	9,880	7,212	0.73	2.98	9,500	6,935	0.73	3.19	8,930	6,519	0.73	3.42
26	22	10,640	6,490	0.61	3.04	10,260	6,259	0.61	3.27	9,690	5,911	0.61	3.48
27	16	8,455	8,455	1.00	2.83	8,075	8,075	1.00	3.04	7,695	7,695	1.00	3.29
27	18	9,120	8,117	0.89	2.91	8,835	7,863	0.89	3.13	8,265	7,356	0.89	3.36
27	20	9,880	7,608	0.77	2.98	9,500	7,315	0.77	3.19	8,930	6,876	0.77	3.42
27	22	10,640	6,916	0.65	3.04	10,260	6,669	0.65	3.27	9,690	6,299	0.65	3.48
28	16	8,455	8,455	1.00	2.83	8,075	8,075	1.00	3.04	7,695	7,695	1.00	3.29
28	18	9,120	8,482	0.93	2.91	8,835	8,217	0.93	3.13	8,265	7,686	0.93	3.36
28	20	9,880	8,003	0.81	2.98	9,500	7,695	0.81	3.19	8,930	7,233	0.81	3.42
28	22	10,640	7,342	0.69	3.04	10,260	7,079	0.69	3.27	9,690	6,686	0.69	3.48
30	16	8,455	8,455	1.00	2.83	8,075	8,075	1.00	3.04	7,695	7,695	1.00	3.29
30	18	9,120	9,120	1.00	2.91	8,835	8,835	1.00	3.13	8,265	8,265	1.00	3.36
30	20	9,880	8,793	0.89	2.98	9,500	8,455	0.89	3.19	8,930	7,948	0.89	3.42
30	22	10,640	8,193	0.77	3.04	10,260	7,900	0.77	3.27	9,690	7,461	0.77	3.48
32	16	8,455	8,455	1.00	2.83	8,075	8,075	1.00	3.04	7,695	7,695	1.00	3.29
32	18	9,120	9,120	1.00	2.91	8,835	8,835	1.00	3.13	8,265	8,265	1.00	3.36
32	20	9,880	9,584	0.97	2.98	9,500	9,215	0.97	3.19	8,930	8,662	0.97	3.42
32	22	10,640	9,044	0.85	3.04	10,260	8,721	0.85	3.27	9,690	8,237	0.85	3.48
34	16	8,455	8,455	1.00	2.83	8,075	8,075	1.00	3.04	7,695	7,695	1.00	3.29
34	18	9,120	9,120	1.00	2.91	8,835	8,835	1.00	3.13	8,265	8,265	1.00	3.36
34	20	9,880	9,880	1.00	2.98	9,500	9,500	1.00	3.19	8,930	8,930	1.00	3.42
34	22	10,640	9,895	0.93	3.04	10,260	9,542	0.93	3.27	9,690	9,012	0.93	3.48

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

COOLING CAPACITY

PEAD-SM125JA(L) / PUZ-SM125VKA PUZ-SM125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	8,745	0.73	3.34	11,616	8,480	0.73	3.52	11,253	8,215	0.73	3.73
20	18	12,826	7,824	0.61	3.40	12,463	7,602	0.61	3.59	12,040	7,344	0.61	3.84
20	20	13,794	6,759	0.49	3.50	13,492	6,611	0.49	3.67	13,129	6,433	0.49	3.92
22	16	11,979	9,703	0.81	3.34	11,616	9,409	0.81	3.52	11,253	9,115	0.81	3.73
22	18	12,826	8,850	0.69	3.40	12,463	8,599	0.69	3.59	12,040	8,307	0.69	3.84
22	20	13,794	7,863	0.57	3.50	13,492	7,690	0.57	3.67	13,129	7,483	0.57	3.92
24	16	11,979	10,661	0.89	3.34	11,616	10,338	0.89	3.52	11,253	10,015	0.89	3.73
24	18	12,826	9,876	0.77	3.40	12,463	9,597	0.77	3.59	12,040	9,270	0.77	3.84
24	20	13,794	8,966	0.65	3.50	13,492	8,769	0.65	3.67	13,129	8,534	0.65	3.92
24	22	14,702	7,792	0.53	3.59	14,399	7,631	0.53	3.79	14,036	7,439	0.53	4.04
26	16	11,979	11,620	0.97	3.34	11,616	11,268	0.97	3.52	11,253	10,915	0.97	3.73
26	18	12,826	10,902	0.85	3.40	12,463	10,594	0.85	3.59	12,040	10,234	0.85	3.84
26	20	13,794	10,070	0.73	3.50	13,492	9,849	0.73	3.67	13,129	9,584	0.73	3.92
26	22	14,702	8,968	0.61	3.59	14,399	8,783	0.61	3.79	14,036	8,562	0.61	4.04
27	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
27	18	12,826	11,415	0.89	3.40	12,463	11,092	0.89	3.59	12,040	10,715	0.89	3.84
27	20	13,794	10,621	0.77	3.50	13,492	10,388	0.77	3.67	13,129	10,109	0.77	3.92
27	22	14,702	9,556	0.65	3.59	14,399	9,359	0.65	3.79	14,036	9,123	0.65	4.04
28	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
28	18	12,826	11,928	0.93	3.40	12,463	11,591	0.93	3.59	12,040	11,197	0.93	3.84
28	20	13,794	11,173	0.81	3.50	13,492	10,928	0.81	3.67	13,129	10,634	0.81	3.92
28	22	14,702	10,144	0.69	3.59	14,399	9,935	0.69	3.79	14,036	9,685	0.69	4.04
30	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
30	18	12,826	12,826	1.00	3.40	12,463	12,463	1.00	3.59	12,040	12,040	1.00	3.84
30	20	13,794	12,277	0.89	3.50	13,492	12,007	0.89	3.67	13,129	11,684	0.89	3.92
30	22	14,702	11,320	0.77	3.59	14,399	11,087	0.77	3.79	14,036	10,808	0.77	4.04
32	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
32	18	12,826	12,826	1.00	3.40	12,463	12,463	1.00	3.59	12,040	12,040	1.00	3.84
32	20	13,794	13,380	0.97	3.50	13,492	13,087	0.97	3.67	13,129	12,735	0.97	3.92
32	22	14,702	12,496	0.85	3.59	14,399	12,239	0.85	3.79	14,036	11,931	0.85	4.04
34	16	11,979	11,979	1.00	3.34	11,616	11,616	1.00	3.52	11,253	11,253	1.00	3.73
34	18	12,826	12,826	1.00	3.40	12,463	12,463	1.00	3.59	12,040	12,040	1.00	3.84
34	20	13,794	13,794	1.00	3.50	13,492	13,492	1.00	3.67	13,129	13,129	1.00	3.92
34	22	14,702	13,672	0.93	3.59	14,399	13,391	0.93	3.79	14,036	13,053	0.93	4.04

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	7,861	0.73	4.00	10,285	7,508	0.73	4.30	9,801	7,155	0.73	4.65
20	18	11,616	7,086	0.61	4.11	11,253	6,864	0.61	4.42	10,527	6,421	0.61	4.75
20	20	12,584	6,166	0.49	4.21	12,100	5,929	0.49	4.50	11,374	5,573	0.49	4.84
22	16	10,769	8,723	0.81	4.00	10,285	8,331	0.81	4.30	9,801	7,939	0.81	4.65
22	18	11,616	8,015	0.69	4.11	11,253	7,765	0.69	4.42	10,527	7,264	0.69	4.75
22	20	12,584	7,173	0.57	4.21	12,100	6,897	0.57	4.50	11,374	6,483	0.57	4.84
24	16	10,769	9,584	0.89	4.00	10,285	9,154	0.89	4.30	9,801	8,723	0.89	4.65
24	18	11,616	8,944	0.77	4.11	11,253	8,665	0.77	4.42	10,527	8,106	0.77	4.75
24	20	12,584	8,180	0.65	4.21	12,100	7,865	0.65	4.50	11,374	7,393	0.65	4.84
24	22	13,552	7,183	0.53	4.30	13,068	6,926	0.53	4.63	12,342	6,541	0.53	4.92
26	16	10,769	10,446	0.97	4.00	10,285	9,976	0.97	4.30	9,801	9,507	0.97	4.65
26	18	11,616	9,874	0.85	4.11	11,253	9,565	0.85	4.42	10,527	8,948	0.85	4.75
26	20	12,584	9,186	0.73	4.21	12,100	8,833	0.73	4.50	11,374	8,303	0.73	4.84
26	22	13,552	8,267	0.61	4.30	13,068	7,971	0.61	4.63	12,342	7,529	0.61	4.92
27	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
27	18	11,616	10,338	0.89	4.11	11,253	10,015	0.89	4.42	10,527	9,369	0.89	4.75
27	20	12,584	9,690	0.77	4.21	12,100	9,317	0.77	4.50	11,374	8,758	0.77	4.84
27	22	13,552	8,809	0.65	4.30	13,068	8,494	0.65	4.63	12,342	8,022	0.65	4.92
28	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
28	18	11,616	10,803	0.93	4.11	11,253	10,465	0.93	4.42	10,527	9,790	0.93	4.75
28	20	12,584	10,193	0.81	4.21	12,100	9,801	0.81	4.50	11,374	9,213	0.81	4.84
28	22	13,552	9,351	0.69	4.30	13,068	9,017	0.69	4.63	12,342	8,516	0.69	4.92
30	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
30	18	11,616	11,616	1.00	4.11	11,253	11,253	1.00	4.42	10,527	10,527	1.00	4.75
30	20	12,584	11,200	0.89	4.21	12,100	10,769	0.89	4.50	11,374	10,123	0.89	4.84
30	22	13,552	10,435	0.77	4.30	13,068	10,062	0.77	4.63	12,342	9,503	0.77	4.92
32	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
32	18	11,616	11,616	1.00	4.11	11,253	11,253	1.00	4.42	10,527	10,527	1.00	4.75
32	20	12,584	12,206	0.97	4.21	12,100	11,737	0.97	4.50	11,374	11,033	0.97	4.84
32	22	13,552	11,519	0.85	4.30	13,068	11,108	0.85	4.63	12,342	10,491	0.85	4.92
34	16	10,769	10,769	1.00	4.00	10,285	10,285	1.00	4.30	9,801	9,801	1.00	4.65
34	18	11,616	11,616	1.00	4.11	11,253	11,253	1.00	4.42	10,527	10,527	1.00	4.75
34	20	12,584	12,584	1.00	4.21	12,100	12,100	1.00	4.50	11,374	11,374	1.00	4.84
34	22	13,552	12,603	0.93	4.30	13,068	12,153	0.93	4.63	12,342	11,478	0.93	4.92

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM140JA(L) / PUZ-SM140VKA PUZ-SM140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,684	0.73	3.97	12,864	9,391	0.73	4.19	12,462	9,097	0.73	4.44
20	18	14,204	8,664	0.61	4.04	13,802	8,419	0.61	4.27	13,333	8,133	0.61	4.56
20	20	15,276	7,485	0.49	4.17	14,941	7,321	0.49	4.36	14,539	7,124	0.49	4.66
22	16	13,266	10,745	0.81	3.97	12,864	10,420	0.81	4.19	12,462	10,094	0.81	4.44
22	18	14,204	9,801	0.69	4.04	13,802	9,523	0.69	4.27	13,333	9,200	0.69	4.56
22	20	15,276	8,707	0.57	4.17	14,941	8,516	0.57	4.36	14,539	8,287	0.57	4.66
24	16	13,266	11,807	0.89	3.97	12,864	11,449	0.89	4.19	12,462	11,091	0.89	4.44
24	18	14,204	10,937	0.77	4.04	13,802	10,628	0.77	4.27	13,333	10,266	0.77	4.56
24	20	15,276	9,929	0.65	4.17	14,941	9,712	0.65	4.36	14,539	9,450	0.65	4.66
24	22	16,281	8,629	0.53	4.27	15,946	8,451	0.53	4.51	15,544	8,238	0.53	4.81
26	16	13,266	12,868	0.97	3.97	12,864	12,478	0.97	4.19	12,462	12,088	0.97	4.44
26	18	14,204	12,073	0.85	4.04	13,802	11,732	0.85	4.27	13,333	11,333	0.85	4.56
26	20	15,276	11,151	0.73	4.17	14,941	10,907	0.73	4.36	14,539	10,613	0.73	4.66
26	22	16,281	9,931	0.61	4.27	15,946	9,727	0.61	4.51	15,544	9,482	0.61	4.81
27	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
27	18	14,204	12,642	0.89	4.04	13,802	12,284	0.89	4.27	13,333	11,866	0.89	4.56
27	20	15,276	11,763	0.77	4.17	14,941	11,505	0.77	4.36	14,539	11,195	0.77	4.66
27	22	16,281	10,583	0.65	4.27	15,946	10,365	0.65	4.51	15,544	10,104	0.65	4.81
28	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
28	18	14,204	13,210	0.93	4.04	13,802	12,836	0.93	4.27	13,333	12,400	0.93	4.56
28	20	15,276	12,374	0.81	4.17	14,941	12,102	0.81	4.36	14,539	11,777	0.81	4.66
28	22	16,281	11,234	0.69	4.27	15,946	11,003	0.69	4.51	15,544	10,725	0.69	4.81
30	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
30	18	14,204	14,204	1.00	4.04	13,802	13,802	1.00	4.27	13,333	13,333	1.00	4.56
30	20	15,276	13,596	0.89	4.17	14,941	13,297	0.89	4.36	14,539	12,940	0.89	4.66
30	22	16,281	12,536	0.77	4.27	15,946	12,278	0.77	4.51	15,544	11,969	0.77	4.81
32	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
32	18	14,204	14,204	1.00	4.04	13,802	13,802	1.00	4.27	13,333	13,333	1.00	4.56
32	20	15,276	14,818	0.97	4.17	14,941	14,493	0.97	4.36	14,539	14,103	0.97	4.66
32	22	16,281	13,839	0.85	4.27	15,946	13,554	0.85	4.51	15,544	13,212	0.85	4.81
34	16	13,266	13,266	1.00	3.97	12,864	12,864	1.00	4.19	12,462	12,462	1.00	4.44
34	18	14,204	14,204	1.00	4.04	13,802	13,802	1.00	4.27	13,333	13,333	1.00	4.56
34	20	15,276	15,276	1.00	4.17	14,941	14,941	1.00	4.36	14,539	14,539	1.00	4.66
34	22	16,281	15,141	0.93	4.27	15,946	14,830	0.93	4.51	15,544	14,456	0.93	4.81

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,706	0.73	4.76	11,390	8,315	0.73	5.11	10,854	7,923	0.73	5.53
20	18	12,864	7,847	0.61	4.89	12,462	7,602	0.61	5.26	11,658	7,111	0.61	5.65
20	20	13,936	6,829	0.49	5.01	13,400	6,566	0.49	5.36	12,596	6,172	0.49	5.75
22	16	11,926	9,660	0.81	4.76	11,390	9,226	0.81	5.11	10,854	8,792	0.81	5.53
22	18	12,864	8,876	0.69	4.89	12,462	8,599	0.69	5.26	11,658	8,044	0.69	5.65
22	20	13,936	7,944	0.57	5.01	13,400	7,638	0.57	5.36	12,596	7,180	0.57	5.75
24	16	11,926	10,614	0.89	4.76	11,390	10,137	0.89	5.11	10,854	9,660	0.89	5.53
24	18	12,864	9,905	0.77	4.89	12,462	9,596	0.77	5.26	11,658	8,977	0.77	5.65
24	20	13,936	9,058	0.65	5.01	13,400	8,710	0.65	5.36	12,596	8,187	0.65	5.75
24	22	15,008	7,954	0.53	5.11	14,472	7,670	0.53	5.51	13,668	7,244	0.53	5.85
26	16	11,926	11,568	0.97	4.76	11,390	11,048	0.97	5.11	10,854	10,528	0.97	5.53
26	18	12,864	10,934	0.85	4.89	12,462	10,593	0.85	5.26	11,658	9,909	0.85	5.65
26	20	13,936	10,173	0.73	5.01	13,400	9,782	0.73	5.36	12,596	9,195	0.73	5.75
26	22	15,008	9,155	0.61	5.11	14,472	8,828	0.61	5.51	13,668	8,337	0.61	5.85
27	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
27	18	12,864	11,449	0.89	4.89	12,462	11,091	0.89	5.26	11,658	10,376	0.89	5.65
27	20	13,936	10,731	0.77	5.01	13,400	10,318	0.77	5.36	12,596	9,699	0.77	5.75
27	22	15,008	9,755	0.65	5.11	14,472	9,407	0.65	5.51	13,668	8,884	0.65	5.85
28	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
28	18	12,864	11,964	0.93	4.89	12,462	11,590	0.93	5.26	11,658	10,842	0.93	5.65
28	20	13,936	11,288	0.81	5.01	13,400	10,854	0.81	5.36	12,596	10,203	0.81	5.75
28	22	15,008	10,356	0.69	5.11	14,472	9,986	0.69	5.51	13,668	9,431	0.69	5.85
30	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
30	18	12,864	12,864	1.00	4.89	12,462	12,462	1.00	5.26	11,658	11,658	1.00	5.65
30	20	13,936	12,403	0.89	5.01	13,400	11,926	0.89	5.36	12,596	11,210	0.89	5.75
30	22	15,008	11,556	0.77	5.11	14,472	11,143	0.77	5.51	13,668	10,524	0.77	5.85
32	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
32	18	12,864	12,864	1.00	4.89	12,462	12,462	1.00	5.26	11,658	11,658	1.00	5.65
32	20	13,936	13,518	0.97	5.01	13,400	12,998	0.97	5.36	12,596	12,218	0.97	5.75
32	22	15,008	12,757	0.85	5.11	14,472	12,301	0.85	5.51	13,668	11,618	0.85	5.85
34	16	11,926	11,926	1.00	4.76	11,390	11,390	1.00	5.11	10,854	10,854	1.00	5.53
34	18	12,864	12,864	1.00	4.89	12,462	12,462	1.00	5.26	11,658	11,658	1.00	5.65
34	20	13,936	13,936	1.00	5.01	13,400	13,400	1.00	5.36	12,596	12,596	1.00	5.75
34	22	15,008	13,957	0.93	5.11	14,472	13,459	0.93	5.51	13,668	12,711	0.93	5.85

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

HEATING CAPACITY
PEAD-M-JA(L) / PUZ-ZM-VHA PUZ-ZM-VKA PUZ-ZM-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M35JA(L)	15	2,604	0.54	2,829	0.60	3,157	0.69	4,141	0.83	4,674	0.92	5,207	0.99
	20	2,501	0.59	2,706	0.64	2,993	0.74	3,998	0.89	4,510	0.99	5,023	1.06
	25	2,419	0.62	2,624	0.70	2,870	0.81	3,772	0.94	4,346	1.06	4,838	1.14
PEAD-M50JA(L)	15	3,810	0.77	4,140	0.85	4,620	0.98	6,060	1.18	6,840	1.31	7,620	1.42
	20	3,660	0.84	3,960	0.92	4,380	1.06	5,850	1.27	6,600	1.42	7,350	1.52
	25	3,540	0.89	3,840	1.00	4,200	1.15	5,520	1.35	6,360	1.52	7,080	1.63
PEAD-M60JA(L)	15	4,445	0.95	4,830	1.05	5,390	1.21	7,070	1.45	7,980	1.62	8,890	1.75
	20	4,270	1.03	4,620	1.13	5,110	1.31	6,825	1.57	7,700	1.75	8,575	1.87
	25	4,130	1.10	4,480	1.23	4,900	1.42	6,440	1.66	7,420	1.87	8,260	2.01
PEAD-M71JA(L)	15	5,080	1.14	5,520	1.26	6,160	1.45	8,080	1.74	9,120	1.93	10,160	2.09
	20	4,880	1.24	5,280	1.35	5,840	1.56	7,800	1.87	8,800	2.09	9,800	2.24
	25	4,720	1.31	5,120	1.47	5,600	1.70	7,360	1.99	8,480	2.23	9,440	2.41
PEAD-M100JA(L)	15	7,112	1.53	7,728	1.69	8,624	1.95	11,312	2.34	12,768	2.60	14,224	2.81
	20	6,832	1.66	7,392	1.82	8,176	2.10	10,920	2.52	12,320	2.81	13,720	3.01
	25	6,608	1.77	7,168	1.97	7,840	2.29	10,304	2.68	11,872	3.00	13,216	3.23
PEAD-M125JA(L)	15	8,890	1.98	9,660	2.18	10,780	2.51	14,140	3.01	15,960	3.35	17,780	3.62
	20	8,540	2.14	9,240	2.34	10,220	2.71	13,650	3.25	15,400	3.62	17,150	3.88
	25	8,260	2.28	8,960	2.55	9,800	2.95	12,880	3.45	14,840	3.87	16,520	4.17
PEAD-M140JA(L)	15	10,160	2.34	11,040	2.58	12,320	2.98	16,160	3.57	18,240	3.97	20,320	4.29
	20	9,760	2.54	10,560	2.78	11,680	3.22	15,600	3.85	17,600	4.29	19,600	4.61
	25	9,440	2.70	10,240	3.02	11,200	3.49	14,720	4.09	16,960	4.59	18,880	4.94

Note: CA : Capacity (W) P.C. : Total power input (kW)

CEILING-CONCEALED

PERFORMANCE DATA

PEAD-M-JA(L) / SUZ-M-VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
PEAD-M35JA(L)	15	2,050	0.53	2,583	0.663	3,116	0.796	3,649	0.898	4,182	0.969	4,715	1.030	5,207	1.061	5,740	1.081
	21	1,927	0.57	2,460	0.714	2,952	0.847	3,485	0.938	3,977	1.010	4,510	1.061	5,002	1.091	5,515	1.132
	26	1,681	0.61	2,214	0.765	2,747	0.898	3,239	0.989	3,772	1.061	4,305	1.112	4,797	1.142	5,330	1.173
PEAD-M50JA(L)	15	3,000	0.759	3,780	0.949	4,560	1.139	5,340	1.285	6,120	1.387	6,900	1.475	7,620	1.518	8,400	1.548
	21	2,820	0.809	3,600	1.022	4,320	1.212	5,100	1.343	5,820	1.445	6,600	1.518	7,320	1.562	8,070	1.621
	26	2,460	0.876	3,240	1.095	4,020	1.285	4,740	1.416	5,520	1.518	6,300	1.591	7,020	1.635	7,800	1.679
PEAD-M60JA(L)	15	3,500	0.957	4,410	1.196	5,320	1.435	6,230	1.619	7,140	1.748	8,050	1.858	8,890	1.914	9,800	1.950
	21	3,290	1.019	4,200	1.288	5,040	1.527	5,950	1.693	6,790	1.822	7,700	1.914	8,540	1.969	9,415	2.042
	26	2,870	1.104	3,780	1.380	4,690	1.619	5,530	1.785	6,440	1.914	7,350	2.006	8,190	2.061	9,100	2.116
PEAD-M71JA(L)	15	4,000	1.118	5,040	1.398	6,080	1.677	7,120	1.892	8,160	2.043	9,200	2.172	10,160	2.236	11,200	2.279
	21	3,760	1.191	4,800	1.505	5,760	1.785	6,800	1.978	7,760	2.129	8,800	2.236	9,760	2.301	10,760	2.387
	26	3,280	1.290	4,320	1.613	5,360	1.892	6,320	2.086	7,360	2.236	8,400	2.344	9,360	2.408	10,400	2.473

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-M-JA(L) / PUZ-M-VKA PUZ-M-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M100JA(L)	15	7,112	1.73	7,728	1.91	8,624	2.21	11,312	2.65	12,768	2.94	14,224	3.18
	20	6,832	1.88	7,392	2.06	8,176	2.38	10,920	2.85	12,320	3.18	13,720	3.41
	25	6,608	2.00	7,168	2.23	7,840	2.59	10,304	3.03	11,872	3.40	13,216	3.66
PEAD-M125JA(L)	15	8,573	2.20	9,315	2.42	10,395	2.80	13,635	3.36	15,390	3.73	17,145	4.03
	20	8,235	2.39	8,910	2.61	9,855	3.02	13,163	3.62	14,850	4.03	16,538	4.33
	25	7,965	2.54	8,640	2.83	9,450	3.28	12,420	3.84	14,310	4.31	15,930	4.64
PEAD-M140JA(L)	15	9,525	2.45	10,350	2.70	11,550	3.11	15,150	3.74	17,100	4.15	19,050	4.48
	20	9,150	2.66	9,900	2.91	10,950	3.36	14,625	4.03	16,500	4.48	18,375	4.81
	25	8,850	2.82	9,600	3.15	10,500	3.65	13,800	4.27	15,900	4.79	17,700	5.17

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY

PEAD-SM•JA(L) / SUZ-SM71VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-SM71JA	15	4,000	1.149	5,040	1.437	6,080	1.724	7,120	1.945	8,160	2.100	9,200	2.232	10,160	2.298	11,200	2.343
	21	3,760	1.224	4,800	1.547	5,760	1.834	6,800	2.033	7,760	2.188	8,800	2.298	9,760	2.365	10,760	2.453
	26	3,280	1.326	4,320	1.658	5,360	1.945	6,320	2.144	7,360	2.298	8,400	2.409	9,360	2.475	10,400	2.542
PEAD-SM71JAL	15	4,000	1.149	5,040	1.437	6,080	1.724	7,120	1.945	8,160	2.100	9,200	2.232	10,160	2.298	11,200	2.343
	21	3,760	1.224	4,800	1.547	5,760	1.834	6,800	2.033	7,760	2.188	8,800	2.298	9,760	2.365	10,760	2.453
	26	3,280	1.326	4,320	1.658	5,360	1.945	6,320	2.144	7,360	2.298	8,400	2.409	9,360	2.475	10,400	2.542

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-SM•JA(L) / PUZ-SM•VKA PUZ-SM•YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-SM100JA(L)	15	7,112	1.78	7,728	1.96	8,624	2.27	11,312	2.72	12,768	3.02	14,224	3.26
	20	6,832	1.93	7,392	2.11	8,176	2.45	10,920	2.93	12,320	3.26	13,720	3.50
	25	6,608	2.05	7,168	2.30	7,840	2.66	10,304	3.11	11,872	3.49	13,216	3.76
PEAD-SM125JA(L)	15	8,573	2.27	9,315	2.50	10,395	2.89	13,635	3.47	15,390	3.85	17,145	4.16
	20	8,235	2.46	8,910	2.70	9,855	3.12	13,163	3.73	14,850	4.16	16,538	4.47
	25	7,965	2.62	8,640	2.93	9,450	3.39	12,420	3.97	14,310	4.45	15,930	4.79
PEAD-SM140JA(L)	15	9,525	2.53	10,350	2.78	11,550	3.21	15,150	3.85	17,100	4.28	19,050	4.62
	20	9,150	2.74	9,900	3.00	10,950	3.47	14,625	4.15	16,500	4.62	18,375	4.96
	25	8,850	2.91	9,600	3.25	10,500	3.77	13,800	4.41	15,900	4.94	17,700	5.33

Note: CA : Capacity (W) P.C. : Total power input (kW)

CEILING-CONCEALED PERFORMANCE DATA

A.6.5.2 R410A type
COOLING CAPACITY
PEAD-M100JA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	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
20	18	10,600	7,102	0.67	2.38	10,300	6,901	0.67	2.51	9,950	6,667	0.67	2.69
20	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
22	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
22	18	10,600	7,950	0.75	2.38	10,300	7,725	0.75	2.51	9,950	7,463	0.75	2.69
22	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
24	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
24	18	10,600	8,798	0.83	2.38	10,300	8,549	0.83	2.51	9,950	8,259	0.83	2.69
24	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
24	22	12,150	7,169	0.59	2.51	11,900	7,021	0.59	2.66	11,600	6,844	0.59	2.84
26	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
26	18	10,600	9,646	0.91	2.38	10,300	9,373	0.91	2.51	9,950	9,055	0.91	2.69
26	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
26	22	12,150	8,141	0.67	2.51	11,900	7,973	0.67	2.66	11,600	7,772	0.67	2.84
27	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
27	18	10,600	10,070	0.95	2.38	10,300	9,785	0.95	2.51	9,950	9,453	0.95	2.69
27	20	11,400	9,462	0.83	2.46	11,150	9,255	0.83	2.57	10,850	9,006	0.83	2.75
27	22	12,150	8,627	0.71	2.51	11,900	8,449	0.71	2.66	11,600	8,236	0.71	2.84
28	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
28	18	10,600	10,494	0.99	2.38	10,300	10,197	0.99	2.51	9,950	9,851	0.99	2.69
28	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
28	22	12,150	9,113	0.75	2.51	11,900	8,925	0.75	2.66	11,600	8,700	0.75	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	10,600	1.00	2.38	10,300	10,300	1.00	2.51	9,950	9,950	1.00	2.69
30	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
30	22	12,150	10,085	0.83	2.51	11,900	9,877	0.83	2.66	11,600	9,628	0.83	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	10,600	1.00	2.38	10,300	10,300	1.00	2.51	9,950	9,950	1.00	2.69
32	20	11,400	11,400	1.00	2.46	11,150	11,150	1.00	2.57	10,850	10,850	1.00	2.75
32	22	12,150	11,057	0.91	2.51	11,900	10,829	0.91	2.66	11,600	10,556	0.91	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	2.51	9,950	9,950	1.00	2.69
34	20	11,400	11,400	1.00	2.46	11,150	11,150	1.00	2.57	10,850	10,850	1.00	2.75
34	22	12,150	12,029	0.99	2.51	11,900	11,781	0.99	2.66	11,600	11,484	0.99	2.84

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	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
20	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
20	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
22	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
22	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
22	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
24	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
24	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
24	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
24	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
26	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
26	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
26	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
26	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
27	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
27	18	9,600	9,120	0.95	2.88	9,300	8,835	0.95	3.10	8,700	8,265	0.95	3.33
27	20	10,400	8,632	0.83	2.95	10,000	8,300	0.83	3.16	9,400	7,802	0.83	3.39
27	22	11,200	7,952	0.71	3.01	10,800	7,668	0.71	3.25	10,200	7,242	0.71	3.45
28	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
28	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
28	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
28	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
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	9,600	1.00	2.88	9,300	9,300	1.00	3.10	8,700	8,700	1.00	3.33
30	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
30	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
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	9,600	1.00	2.88	9,300	9,300	1.00	3.10	8,700	8,700	1.00	3.33
32	20	10,400	10,400	1.00	2.95	10,000	10,000	1.00	3.16	9,400	9,400	1.00	3.39
32	22	11,200	10,192	0.91	3.01	10,800	9,828	0.91	3.25	10,200	9,282	0.91	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	10,400	1.00	2.95	10,000	10,000	1.00	3.16	9,400	9,400	1.00	3.39
34	22	11,200	11,088	0.99	3.01	10,800	10,692	0.99	3.25	10,200	10,098	0.99	3.45

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-M125JA / PUHZ-SHW140YHA(-BS)

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.12	12,000	8,880	0.74	3.29	11,625	8,603	0.74	3.49
20	18	13,250	8,215	0.62	3.17	12,875	7,983	0.62	3.35	12,438	7,711	0.62	3.58
20	20	14,250	7,125	0.50	3.27	13,938	6,969	0.50	3.43	13,563	6,781	0.50	3.66
22	16	12,375	10,148	0.82	3.12	12,000	9,840	0.82	3.29	11,625	9,533	0.82	3.49
22	18	13,250	9,275	0.70	3.17	12,875	9,013	0.70	3.35	12,438	8,706	0.70	3.58
22	20	14,250	8,265	0.58	3.27	13,938	8,084	0.58	3.43	13,563	7,866	0.58	3.66
24	16	12,375	11,138	0.90	3.12	12,000	10,800	0.90	3.29	11,625	10,463	0.90	3.49
24	18	13,250	10,335	0.78	3.17	12,875	10,043	0.78	3.35	12,438	9,701	0.78	3.58
24	20	14,250	9,405	0.66	3.27	13,938	9,199	0.66	3.43	13,563	8,951	0.66	3.66
24	22	15,188	8,201	0.54	3.35	14,875	8,033	0.54	3.54	14,500	7,830	0.54	3.78
26	16	12,375	12,128	0.98	3.12	12,000	11,760	0.98	3.29	11,625	11,393	0.98	3.49
26	18	13,250	11,395	0.86	3.17	12,875	11,073	0.86	3.35	12,438	10,696	0.86	3.58
26	20	14,250	10,545	0.74	3.27	13,938	10,314	0.74	3.43	13,563	10,036	0.74	3.66
26	22	15,188	9,416	0.62	3.35	14,875	9,223	0.62	3.54	14,500	8,990	0.62	3.78
27	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
27	18	13,250	11,925	0.90	3.17	12,875	11,588	0.90	3.35	12,438	11,194	0.90	3.58
27	20	14,250	11,115	0.78	3.27	13,938	10,871	0.78	3.43	13,563	10,579	0.78	3.66
27	22	15,188	10,024	0.66	3.35	14,875	9,818	0.66	3.54	14,500	9,570	0.66	3.78
28	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
28	18	13,250	12,455	0.94	3.17	12,875	12,103	0.94	3.35	12,438	11,691	0.94	3.58
28	20	14,250	11,685	0.82	3.27	13,938	11,429	0.82	3.43	13,563	11,121	0.82	3.66
28	22	15,188	10,631	0.70	3.35	14,875	10,413	0.70	3.54	14,500	10,150	0.70	3.78
30	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
30	18	13,250	13,250	1.00	3.17	12,875	12,875	1.00	3.35	12,438	12,438	1.00	3.58
30	20	14,250	12,825	0.90	3.27	13,938	12,544	0.90	3.43	13,563	12,206	0.90	3.66
30	22	15,188	11,846	0.78	3.35	14,875	11,603	0.78	3.54	14,500	11,310	0.78	3.78
32	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
32	18	13,250	13,250	1.00	3.17	12,875	12,875	1.00	3.35	12,438	12,438	1.00	3.58
32	20	14,250	13,965	0.98	3.27	13,938	13,659	0.98	3.43	13,563	13,291	0.98	3.66
32	22	15,188	13,061	0.86	3.35	14,875	12,793	0.86	3.54	14,500	12,470	0.86	3.78
34	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
34	18	13,250	13,250	1.00	3.17	12,875	12,875	1.00	3.35	12,438	12,438	1.00	3.58
34	20	14,250	14,250	1.00	3.27	13,938	13,938	1.00	3.43	13,563	13,563	1.00	3.66
34	22	15,188	14,276	0.94	3.35	14,875	13,983	0.94	3.54	14,500	13,630	0.94	3.78

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.74	10,625	7,863	0.74	4.01	10,125	7,493	0.74	4.34
20	18	12,000	7,440	0.62	3.84	11,625	7,208	0.62	4.13	10,875	6,743	0.62	4.44
20	20	13,000	6,500	0.50	3.93	12,500	6,250	0.50	4.21	11,750	5,875	0.50	4.52
22	16	11,125	9,123	0.82	3.74	10,625	8,713	0.82	4.01	10,125	8,303	0.82	4.34
22	18	12,000	8,400	0.70	3.84	11,625	8,138	0.70	4.13	10,875	7,613	0.70	4.44
22	20	13,000	7,540	0.58	3.93	12,500	7,250	0.58	4.21	11,750	6,815	0.58	4.52
24	16	11,125	10,013	0.90	3.74	10,625	9,563	0.90	4.01	10,125	9,113	0.90	4.34
24	18	12,000	9,360	0.78	3.84	11,625	9,068	0.78	4.13	10,875	8,483	0.78	4.44
24	20	13,000	8,580	0.66	3.93	12,500	8,250	0.66	4.21	11,750	7,755	0.66	4.52
24	22	14,000	7,560	0.54	4.01	13,500	7,290	0.54	4.32	12,750	6,885	0.54	4.60
26	16	11,125	10,903	0.98	3.74	10,625	10,413	0.98	4.01	10,125	9,923	0.98	4.34
26	18	12,000	10,320	0.86	3.84	11,625	9,998	0.86	4.13	10,875	9,353	0.86	4.44
26	20	13,000	9,620	0.74	3.93	12,500	9,250	0.74	4.21	11,750	8,695	0.74	4.52
26	22	14,000	8,680	0.62	4.01	13,500	8,370	0.62	4.32	12,750	7,905	0.62	4.60
27	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
27	18	12,000	10,800	0.90	3.84	11,625	10,463	0.90	4.13	10,875	9,788	0.90	4.44
27	20	13,000	10,140	0.78	3.93	12,500	9,750	0.78	4.21	11,750	9,165	0.78	4.52
27	22	14,000	9,240	0.66	4.01	13,500	8,910	0.66	4.32	12,750	8,415	0.66	4.60
28	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
28	18	12,000	11,280	0.94	3.84	11,625	10,928	0.94	4.13	10,875	10,223	0.94	4.44
28	20	13,000	10,660	0.82	3.93	12,500	10,250	0.82	4.21	11,750	9,635	0.82	4.52
28	22	14,000	9,800	0.70	4.01	13,500	9,450	0.70	4.32	12,750	8,925	0.70	4.60
30	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
30	18	12,000	12,000	1.00	3.84	11,625	11,625	1.00	4.13	10,875	10,875	1.00	4.44
30	20	13,000	11,700	0.90	3.93	12,500	11,250	0.90	4.21	11,750	10,575	0.90	4.52
30	22	14,000	10,920	0.78	4.01	13,500	10,530	0.78	4.32	12,750	9,945	0.78	4.60
32	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
32	18	12,000	12,000	1.00	3.84	11,625	11,625	1.00	4.13	10,875	10,875	1.00	4.44
32	20	13,000	12,740	0.98	3.93	12,500	12,250	0.98	4.21	11,750	11,515	0.98	4.52
32	22	14,000	12,040	0.86	4.01	13,500	11,610	0.86	4.32	12,750	10,965	0.86	4.60
34	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
34	18	12,000	12,000	1.00	3.84	11,625	11,625	1.00	4.13	10,875	10,875	1.00	4.44
34	20	13,000	13,000	1.00	3.93	12,500	12,500	1.00	4.21	11,750	11,750	1.00	4.52
34	22	14,000	13,160	0.94	4.01	13,500	12,690	0.94	4.32	12,750	11,985	0.94	4.60

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PEAD-M100JAL / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	7,821	0.79	2.32	9,600	7,584	0.79	2.45	9,300	7,347	0.79	2.60
20	18	10,600	7,102	0.67	2.37	10,300	6,901	0.67	2.50	9,950	6,667	0.67	2.67
20	20	11,400	6,270	0.55	2.44	11,150	6,133	0.55	2.56	10,850	5,968	0.55	2.73
22	16	9,900	8,613	0.87	2.32	9,600	8,352	0.87	2.45	9,300	8,091	0.87	2.60
22	18	10,600	7,950	0.75	2.37	10,300	7,725	0.75	2.50	9,950	7,463	0.75	2.67
22	20	11,400	7,182	0.63	2.44	11,150	7,025	0.63	2.56	10,850	6,836	0.63	2.73
24	16	9,900	9,405	0.95	2.32	9,600	9,120	0.95	2.45	9,300	8,835	0.95	2.60
24	18	10,600	8,798	0.83	2.37	10,300	8,549	0.83	2.50	9,950	8,259	0.83	2.67
24	20	11,400	8,094	0.71	2.44	11,150	7,917	0.71	2.56	10,850	7,704	0.71	2.73
24	22	12,150	7,169	0.59	2.50	11,900	7,021	0.59	2.64	11,600	6,844	0.59	2.82
26	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
26	18	10,600	9,646	0.91	2.37	10,300	9,373	0.91	2.50	9,950	9,055	0.91	2.67
26	20	11,400	9,006	0.79	2.44	11,150	8,809	0.79	2.56	10,850	8,572	0.79	2.73
26	22	12,150	8,141	0.67	2.50	11,900	7,973	0.67	2.64	11,600	7,772	0.67	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	10,070	0.95	2.37	10,300	9,785	0.95	2.50	9,950	9,453	0.95	2.67
27	20	11,400	9,462	0.83	2.44	11,150	9,255	0.83	2.56	10,850	9,006	0.83	2.73
27	22	12,150	8,627	0.71	2.50	11,900	8,449	0.71	2.64	11,600	8,236	0.71	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	10,494	0.99	2.37	10,300	10,197	0.99	2.50	9,950	9,851	0.99	2.67
28	20	11,400	9,918	0.87	2.44	11,150	9,701	0.87	2.56	10,850	9,440	0.87	2.73
28	22	12,150	9,113	0.75	2.50	11,900	8,925	0.75	2.64	11,600	8,700	0.75	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	10,830	0.95	2.44	11,150	10,593	0.95	2.56	10,850	10,308	0.95	2.73
30	22	12,150	10,085	0.83	2.50	11,900	9,877	0.83	2.64	11,600	9,628	0.83	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	11,400	1.00	2.44	11,150	11,150	1.00	2.56	10,850	10,850	1.00	2.73
32	22	12,150	11,057	0.91	2.50	11,900	10,829	0.91	2.64	11,600	10,556	0.91	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	12,029	0.99	2.50	11,900	11,781	0.99	2.64	11,600	11,484	0.99	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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	7,031	0.79	2.79	8,500	6,715	0.79	2.99	8,100	6,399	0.79	3.24
20	18	9,600	6,432	0.67	2.86	9,300	6,231	0.67	3.08	8,700	5,829	0.67	3.31
20	20	10,400	5,720	0.55	2.93	10,000	5,500	0.55	3.14	9,400	5,170	0.55	3.37
22	16	8,900	7,743	0.87	2.79	8,500	7,395	0.87	2.99	8,100	7,047	0.87	3.24
22	18	9,600	7,200	0.75	2.86	9,300	6,975	0.75	3.08	8,700	6,525	0.75	3.31
22	20	10,400	6,552	0.63	2.93	10,000	6,300	0.63	3.14	9,400	5,922	0.63	3.37
24	16	8,900	8,455	0.95	2.79	8,500	8,075	0.95	2.99	8,100	7,695	0.95	3.24
24	18	9,600	7,968	0.83	2.86	9,300	7,719	0.83	3.08	8,700	7,221	0.83	3.31
24	20	10,400	7,384	0.71	2.93	10,000	7,100	0.71	3.14	9,400	6,674	0.71	3.37
24	22	11,200	6,608	0.59	2.99	10,800	6,372	0.59	3.22	10,200	6,018	0.59	3.43
26	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
26	18	9,600	8,736	0.91	2.86	9,300	8,463	0.91	3.08	8,700	7,917	0.91	3.31
26	20	10,400	8,216	0.79	2.93	10,000	7,900	0.79	3.14	9,400	7,426	0.79	3.37
26	22	11,200	7,504	0.67	2.99	10,800	7,236	0.67	3.22	10,200	6,834	0.67	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	9,120	0.95	2.86	9,300	8,835	0.95	3.08	8,700	8,265	0.95	3.31
27	20	10,400	8,632	0.83	2.93	10,000	8,300	0.83	3.14	9,400	7,802	0.83	3.37
27	22	11,200	7,952	0.71	2.99	10,800	7,668	0.71	3.22	10,200	7,242	0.71	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	9,504	0.99	2.86	9,300	9,207	0.99	3.08	8,700	8,613	0.99	3.31
28	20	10,400	9,048	0.87	2.93	10,000	8,700	0.87	3.14	9,400	8,178	0.87	3.37
28	22	11,200	8,400	0.75	2.99	10,800	8,100	0.75	3.22	10,200	7,650	0.75	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	9,880	0.95	2.93	10,000	9,500	0.95	3.14	9,400	8,930	0.95	3.37
30	22	11,200	9,296	0.83	2.99	10,800	8,964	0.83	3.22	10,200	8,466	0.83	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	10,400	1.00	2.93	10,000	10,000	1.00	3.14	9,400	9,400	1.00	3.37
32	22	11,200	10,192	0.91	2.99	10,800	9,828	0.91	3.22	10,200	9,282	0.91	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	11,088	0.99	2.99	10,800	10,692	0.99	3.22	10,200	10,098	0.99	3.43

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M125JAL / PUHZ-SHW140YHA(-BS)

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.10	12,000	8,880	0.74	3.27	11,625	8,603	0.74	3.47
20	18	13,250	8,215	0.62	3.16	12,875	7,983	0.62	3.33	12,438	7,711	0.62	3.57
20	20	14,250	7,125	0.50	3.26	13,938	6,969	0.50	3.41	13,563	6,781	0.50	3.64
22	16	12,375	10,148	0.82	3.10	12,000	9,840	0.82	3.27	11,625	9,533	0.82	3.47
22	18	13,250	9,275	0.70	3.16	12,875	9,013	0.70	3.33	12,438	8,706	0.70	3.57
22	20	14,250	8,265	0.58	3.26	13,938	8,084	0.58	3.41	13,563	7,866	0.58	3.64
24	16	12,375	11,138	0.90	3.10	12,000	10,800	0.90	3.27	11,625	10,463	0.90	3.47
24	18	13,250	10,335	0.78	3.16	12,875	10,043	0.78	3.33	12,438	9,701	0.78	3.57
24	20	14,250	9,405	0.66	3.26	13,938	9,199	0.66	3.41	13,563	8,951	0.66	3.64
24	22	15,188	8,201	0.54	3.33	14,875	8,033	0.54	3.53	14,500	7,830	0.54	3.76
26	16	12,375	12,128	0.98	3.10	12,000	11,760	0.98	3.27	11,625	11,393	0.98	3.47
26	18	13,250	11,395	0.86	3.16	12,875	11,073	0.86	3.33	12,438	10,696	0.86	3.57
26	20	14,250	10,545	0.74	3.26	13,938	10,314	0.74	3.41	13,563	10,036	0.74	3.64
26	22	15,188	9,416	0.62	3.33	14,875	9,223	0.62	3.53	14,500	8,990	0.62	3.76
27	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
27	18	13,250	11,925	0.90	3.16	12,875	11,588	0.90	3.33	12,438	11,194	0.90	3.57
27	20	14,250	11,115	0.78	3.26	13,938	10,871	0.78	3.41	13,563	10,579	0.78	3.64
27	22	15,188	10,024	0.66	3.33	14,875	9,818	0.66	3.53	14,500	9,570	0.66	3.76
28	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
28	18	13,250	12,455	0.94	3.16	12,875	12,103	0.94	3.33	12,438	11,691	0.94	3.57
28	20	14,250	11,685	0.82	3.26	13,938	11,429	0.82	3.41	13,563	11,121	0.82	3.64
28	22	15,188	10,631	0.70	3.33	14,875	10,413	0.70	3.53	14,500	10,150	0.70	3.76
30	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
30	18	13,250	13,250	1.00	3.16	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.57
30	20	14,250	12,825	0.90	3.26	13,938	12,544	0.90	3.41	13,563	12,206	0.90	3.64
30	22	15,188	11,846	0.78	3.33	14,875	11,603	0.78	3.53	14,500	11,310	0.78	3.76
32	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
32	18	13,250	13,250	1.00	3.16	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.57
32	20	14,250	13,965	0.98	3.26	13,938	13,659	0.98	3.41	13,563	13,291	0.98	3.64
32	22	15,188	13,061	0.86	3.33	14,875	12,793	0.86	3.53	14,500	12,470	0.86	3.76
34	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
34	18	13,250	13,250	1.00	3.16	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.57
34	20	14,250	14,250	1.00	3.26	13,938	13,938	1.00	3.41	13,563	13,563	1.00	3.64
34	22	15,188	14,276	0.94	3.33	14,875	13,983	0.94	3.53	14,500	13,630	0.94	3.76

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.72	10,625	7,863	0.74	3.99	10,125	7,493	0.74	4.32
20	18	12,000	7,440	0.62	3.82	11,625	7,208	0.62	4.11	10,875	6,743	0.62	4.42
20	20	13,000	6,500	0.50	3.91	12,500	6,250	0.50	4.19	11,750	5,875	0.50	4.50
22	16	11,125	9,123	0.82	3.72	10,625	8,713	0.82	3.99	10,125	8,303	0.82	4.32
22	18	12,000	8,400	0.70	3.82	11,625	8,138	0.70	4.11	10,875	7,613	0.70	4.42
22	20	13,000	7,540	0.58	3.91	12,500	7,250	0.58	4.19	11,750	6,815	0.58	4.50
24	16	11,125	10,013	0.90	3.72	10,625	9,563	0.90	3.99	10,125	9,113	0.90	4.32
24	18	12,000	9,360	0.78	3.82	11,625	9,068	0.78	4.11	10,875	8,483	0.78	4.42
24	20	13,000	8,580	0.66	3.91	12,500	8,250	0.66	4.19	11,750	7,755	0.66	4.50
24	22	14,000	7,560	0.54	3.99	13,500	7,290	0.54	4.30	12,750	6,885	0.54	4.57
26	16	11,125	10,903	0.98	3.72	10,625	10,413	0.98	3.99	10,125	9,923	0.98	4.32
26	18	12,000	10,320	0.86	3.82	11,625	9,998	0.86	4.11	10,875	9,353	0.86	4.42
26	20	13,000	9,620	0.74	3.91	12,500	9,250	0.74	4.19	11,750	8,695	0.74	4.50
26	22	14,000	8,680	0.62	3.99	13,500	8,370	0.62	4.30	12,750	7,905	0.62	4.57
27	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
27	18	12,000	10,800	0.90	3.82	11,625	10,463	0.90	4.11	10,875	9,788	0.90	4.42
27	20	13,000	10,140	0.78	3.91	12,500	9,750	0.78	4.19	11,750	9,165	0.78	4.50
27	22	14,000	9,240	0.66	3.99	13,500	8,910	0.66	4.30	12,750	8,415	0.66	4.57
28	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
28	18	12,000	11,280	0.94	3.82	11,625	10,928	0.94	4.11	10,875	10,223	0.94	4.42
28	20	13,000	10,660	0.82	3.91	12,500	10,250	0.82	4.19	11,750	9,635	0.82	4.50
28	22	14,000	9,800	0.70	3.99	13,500	9,450	0.70	4.30	12,750	8,925	0.70	4.57
30	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
30	18	12,000	12,000	1.00	3.82	11,625	11,625	1.00	4.11	10,875	10,875	1.00	4.42
30	20	13,000	11,700	0.90	3.91	12,500	11,250	0.90	4.19	11,750	10,575	0.90	4.50
30	22	14,000	10,920	0.78	3.99	13,500	10,530	0.78	4.30	12,750	9,945	0.78	4.57
32	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
32	18	12,000	12,000	1.00	3.82	11,625	11,625	1.00	4.11	10,875	10,875	1.00	4.42
32	20	13,000	12,740	0.98	3.91	12,500	12,250	0.98	4.19	11,750	11,515	0.98	4.50
32	22	14,000	12,040	0.86	3.99	13,500	11,610	0.86	4.30	12,750	10,965	0.86	4.57
34	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
34	18	12,000	12,000	1.00	3.82	11,625	11,625	1.00	4.11	10,875	10,875	1.00	4.42
34	20	13,000	13,000	1.00	3.91	12,500	12,500	1.00	4.19	11,750	11,750	1.00	4.50
34	22	14,000	13,160	0.94	3.99	13,500	12,690	0.94	4.30	12,750	11,985	0.94	4.57

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JA / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,673	0.75	0.71	3,456	2,592	0.75	0.75	3,348	2,511	0.75	0.80
20	18	3,816	2,404	0.63	0.73	3,708	2,336	0.63	0.77	3,582	2,257	0.63	0.82
20	20	4,104	2,093	0.51	0.75	4,014	2,047	0.51	0.78	3,906	1,992	0.51	0.84
22	16	3,564	2,958	0.83	0.71	3,456	2,868	0.83	0.75	3,348	2,779	0.83	0.80
22	18	3,816	2,709	0.71	0.73	3,708	2,633	0.71	0.77	3,582	2,543	0.71	0.82
22	20	4,104	2,421	0.59	0.75	4,014	2,368	0.59	0.78	3,906	2,305	0.59	0.84
24	16	3,564	3,243	0.91	0.71	3,456	3,145	0.91	0.75	3,348	3,047	0.91	0.80
24	18	3,816	3,015	0.79	0.73	3,708	2,929	0.79	0.77	3,582	2,830	0.79	0.82
24	20	4,104	2,750	0.67	0.75	4,014	2,689	0.67	0.78	3,906	2,617	0.67	0.84
24	22	4,374	2,406	0.55	0.77	4,284	2,356	0.55	0.81	4,176	2,297	0.55	0.86
26	16	3,564	3,528	0.99	0.71	3,456	3,421	0.99	0.75	3,348	3,315	0.99	0.80
26	18	3,816	3,320	0.87	0.73	3,708	3,226	0.87	0.77	3,582	3,116	0.87	0.82
26	20	4,104	3,078	0.75	0.75	4,014	3,011	0.75	0.78	3,906	2,930	0.75	0.84
26	22	4,374	2,756	0.63	0.77	4,284	2,699	0.63	0.81	4,176	2,631	0.63	0.86
27	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
27	18	3,816	3,473	0.91	0.73	3,708	3,374	0.91	0.77	3,582	3,260	0.91	0.82
27	20	4,104	3,242	0.79	0.75	4,014	3,171	0.79	0.78	3,906	3,086	0.79	0.84
27	22	4,374	2,931	0.67	0.77	4,284	2,870	0.67	0.81	4,176	2,798	0.67	0.86
28	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
28	18	3,816	3,625	0.95	0.73	3,708	3,523	0.95	0.77	3,582	3,403	0.95	0.82
28	20	4,104	3,406	0.83	0.75	4,014	3,332	0.83	0.78	3,906	3,242	0.83	0.84
28	22	4,374	3,106	0.71	0.77	4,284	3,042	0.71	0.81	4,176	2,965	0.71	0.86
30	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
30	18	3,816	3,816	1.00	0.73	3,708	3,708	1.00	0.77	3,582	3,582	1.00	0.82
30	20	4,104	3,735	0.91	0.75	4,014	3,653	0.91	0.78	3,906	3,554	0.91	0.84
30	22	4,374	3,455	0.79	0.77	4,284	3,384	0.79	0.81	4,176	3,299	0.79	0.86
32	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
32	18	3,816	3,816	1.00	0.73	3,708	3,708	1.00	0.77	3,582	3,582	1.00	0.82
32	20	4,104	4,063	0.99	0.75	4,014	3,974	0.99	0.78	3,906	3,867	0.99	0.84
32	22	4,374	3,805	0.87	0.77	4,284	3,727	0.87	0.81	4,176	3,633	0.87	0.86
34	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
34	18	3,816	3,816	1.00	0.73	3,708	3,708	1.00	0.77	3,582	3,582	1.00	0.82
34	20	4,104	4,104	1.00	0.75	4,014	4,014	1.00	0.78	3,906	3,906	1.00	0.84
34	22	4,374	4,155	0.95	0.77	4,284	4,070	0.95	0.81	4,176	3,967	0.95	0.86

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,403	0.75	0.85	3,060	2,295	0.75	0.92	2,916	2,187	0.75	0.99
20	18	3,456	2,177	0.63	0.88	3,348	2,109	0.63	0.94	3,132	1,973	0.63	1.01
20	20	3,744	1,909	0.51	0.90	3,600	1,836	0.51	0.96	3,384	1,726	0.51	1.03
22	16	3,204	2,659	0.83	0.85	3,060	2,540	0.83	0.92	2,916	2,420	0.83	0.99
22	18	3,456	2,454	0.71	0.88	3,348	2,377	0.71	0.94	3,132	2,224	0.71	1.01
22	20	3,744	2,209	0.59	0.90	3,600	2,124	0.59	0.96	3,384	1,997	0.59	1.03
24	16	3,204	2,916	0.91	0.85	3,060	2,785	0.91	0.92	2,916	2,654	0.91	0.99
24	18	3,456	2,730	0.79	0.88	3,348	2,645	0.79	0.94	3,132	2,474	0.79	1.01
24	20	3,744	2,508	0.67	0.90	3,600	2,412	0.67	0.96	3,384	2,267	0.67	1.03
24	22	4,032	2,218	0.55	0.92	3,888	2,138	0.55	0.99	3,672	2,020	0.55	1.05
26	16	3,204	3,172	0.99	0.85	3,060	3,029	0.99	0.92	2,916	2,887	0.99	0.99
26	18	3,456	3,007	0.87	0.88	3,348	2,913	0.87	0.94	3,132	2,725	0.87	1.01
26	20	3,744	2,808	0.75	0.90	3,600	2,700	0.75	0.96	3,384	2,538	0.75	1.03
26	22	4,032	2,540	0.63	0.92	3,888	2,449	0.63	0.99	3,672	2,313	0.63	1.05
27	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
27	18	3,456	3,145	0.91	0.88	3,348	3,047	0.91	0.94	3,132	2,850	0.91	1.01
27	20	3,744	2,958	0.79	0.90	3,600	2,844	0.79	0.96	3,384	2,673	0.79	1.03
27	22	4,032	2,701	0.67	0.92	3,888	2,605	0.67	0.99	3,672	2,460	0.67	1.05
28	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
28	18	3,456	3,283	0.95	0.88	3,348	3,181	0.95	0.94	3,132	2,975	0.95	1.01
28	20	3,744	3,108	0.83	0.90	3,600	2,988	0.83	0.96	3,384	2,809	0.83	1.03
28	22	4,032	2,863	0.71	0.92	3,888	2,760	0.71	0.99	3,672	2,607	0.71	1.05
30	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
30	18	3,456	3,456	1.00	0.88	3,348	3,348	1.00	0.94	3,132	3,132	1.00	1.01
30	20	3,744	3,407	0.91	0.90	3,600	3,276	0.91	0.96	3,384	3,079	0.91	1.03
30	22	4,032	3,185	0.79	0.92	3,888	3,072	0.79	0.99	3,672	2,901	0.79	1.05
32	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
32	18	3,456	3,456	1.00	0.88	3,348	3,348	1.00	0.94	3,132	3,132	1.00	1.01
32	20	3,744	3,707	0.99	0.90	3,600	3,564	0.99	0.96	3,384	3,350	0.99	1.03
32	22	4,032	3,508	0.87	0.92	3,888	3,383	0.87	0.99	3,672	3,195	0.87	1.05
34	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
34	18	3,456	3,456	1.00	0.88	3,348	3,348	1.00	0.94	3,132	3,132	1.00	1.01
34	20	3,744	3,744	1.00	0.90	3,600	3,600	1.00	0.96	3,384	3,384	1.00	1.03
34	22	4,032	3,830	0.95	0.92	3,888	3,694	0.95	0.99	3,672	3,488	0.95	1.05

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JA / PUHZ-ZRP50VKA2

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	1.15	4,800	3,552	0.74	1.22	4,650	3,441	0.74	1.29
20	18	5,300	3,286	0.62	1.17	5,150	3,193	0.62	1.24	4,975	3,085	0.62	1.32
20	20	5,700	2,850	0.50	1.21	5,575	2,788	0.50	1.27	5,425	2,713	0.50	1.35
22	16	4,950	4,059	0.82	1.15	4,800	3,936	0.82	1.22	4,650	3,813	0.82	1.29
22	18	5,300	3,710	0.70	1.17	5,150	3,605	0.70	1.24	4,975	3,483	0.70	1.32
22	20	5,700	3,306	0.58	1.21	5,575	3,234	0.58	1.27	5,425	3,147	0.58	1.35
24	16	4,950	4,455	0.90	1.15	4,800	4,320	0.90	1.22	4,650	4,185	0.90	1.29
24	18	5,300	4,134	0.78	1.17	5,150	4,017	0.78	1.24	4,975	3,881	0.78	1.32
24	20	5,700	3,762	0.66	1.21	5,575	3,680	0.66	1.27	5,425	3,581	0.66	1.35
24	22	6,075	3,281	0.54	1.24	5,950	3,213	0.54	1.31	5,800	3,132	0.54	1.40
26	16	4,950	4,851	0.98	1.15	4,800	4,704	0.98	1.22	4,650	4,557	0.98	1.29
26	18	5,300	4,558	0.86	1.17	5,150	4,429	0.86	1.24	4,975	4,279	0.86	1.32
26	20	5,700	4,218	0.74	1.21	5,575	4,126	0.74	1.27	5,425	4,015	0.74	1.35
26	22	6,075	3,767	0.62	1.24	5,950	3,689	0.62	1.31	5,800	3,596	0.62	1.40
27	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
27	18	5,300	4,770	0.90	1.17	5,150	4,635	0.90	1.24	4,975	4,478	0.90	1.32
27	20	5,700	4,446	0.78	1.21	5,575	4,349	0.78	1.27	5,425	4,232	0.78	1.35
27	22	6,075	4,010	0.66	1.24	5,950	3,927	0.66	1.31	5,800	3,828	0.66	1.40
28	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
28	18	5,300	4,982	0.94	1.17	5,150	4,841	0.94	1.24	4,975	4,677	0.94	1.32
28	20	5,700	4,674	0.82	1.21	5,575	4,572	0.82	1.27	5,425	4,449	0.82	1.35
28	22	6,075	4,253	0.70	1.24	5,950	4,165	0.70	1.31	5,800	4,060	0.70	1.40
30	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
30	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.24	4,975	4,975	1.00	1.32
30	20	5,700	5,130	0.90	1.21	5,575	5,018	0.90	1.27	5,425	4,883	0.90	1.35
30	22	6,075	4,739	0.78	1.24	5,950	4,641	0.78	1.31	5,800	4,524	0.78	1.40
32	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
32	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.24	4,975	4,975	1.00	1.32
32	20	5,700	5,586	0.98	1.21	5,575	5,464	0.98	1.27	5,425	5,317	0.98	1.35
32	22	6,075	5,225	0.86	1.24	5,950	5,117	0.86	1.31	5,800	4,988	0.86	1.40
34	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
34	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.24	4,975	4,975	1.00	1.32
34	20	5,700	5,700	1.00	1.21	5,575	5,575	1.00	1.27	5,425	5,425	1.00	1.35
34	22	6,075	5,711	0.94	1.24	5,950	5,593	0.94	1.31	5,800	5,452	0.94	1.40

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.38	4,250	3,145	0.74	1.48	4,050	2,997	0.74	1.61
20	18	4,800	2,976	0.62	1.42	4,650	2,883	0.62	1.53	4,350	2,697	0.62	1.64
20	20	5,200	2,600	0.50	1.45	5,000	2,500	0.50	1.56	4,700	2,350	0.50	1.67
22	16	4,450	3,649	0.82	1.38	4,250	3,485	0.82	1.48	4,050	3,321	0.82	1.61
22	18	4,800	3,360	0.70	1.42	4,650	3,255	0.70	1.53	4,350	3,045	0.70	1.64
22	20	5,200	3,016	0.58	1.45	5,000	2,900	0.58	1.56	4,700	2,726	0.58	1.67
24	16	4,450	4,005	0.90	1.38	4,250	3,825	0.90	1.48	4,050	3,645	0.90	1.61
24	18	4,800	3,744	0.78	1.42	4,650	3,627	0.78	1.53	4,350	3,393	0.78	1.64
24	20	5,200	3,432	0.66	1.45	5,000	3,300	0.66	1.56	4,700	3,102	0.66	1.67
24	22	5,600	3,024	0.54	1.48	5,400	2,916	0.54	1.60	5,100	2,754	0.54	1.70
26	16	4,450	4,361	0.98	1.38	4,250	4,165	0.98	1.48	4,050	3,969	0.98	1.61
26	18	4,800	4,128	0.86	1.42	4,650	3,999	0.86	1.53	4,350	3,741	0.86	1.64
26	20	5,200	3,848	0.74	1.45	5,000	3,700	0.74	1.56	4,700	3,478	0.74	1.67
26	22	5,600	3,472	0.62	1.48	5,400	3,348	0.62	1.60	5,100	3,162	0.62	1.70
27	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
27	18	4,800	4,320	0.90	1.42	4,650	4,185	0.90	1.53	4,350	3,915	0.90	1.64
27	20	5,200	4,056	0.78	1.45	5,000	3,900	0.78	1.56	4,700	3,666	0.78	1.67
27	22	5,600	3,696	0.66	1.48	5,400	3,564	0.66	1.60	5,100	3,366	0.66	1.70
28	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
28	18	4,800	4,512	0.94	1.42	4,650	4,371	0.94	1.53	4,350	4,089	0.94	1.64
28	20	5,200	4,264	0.82	1.45	5,000	4,100	0.82	1.56	4,700	3,854	0.82	1.67
28	22	5,600	3,920	0.70	1.48	5,400	3,780	0.70	1.60	5,100	3,570	0.70	1.70
30	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
30	18	4,800	4,800	1.00	1.42	4,650	4,650	1.00	1.53	4,350	4,350	1.00	1.64
30	20	5,200	4,680	0.90	1.45	5,000	4,500	0.90	1.56	4,700	4,230	0.90	1.67
30	22	5,600	4,368	0.78	1.48	5,400	4,212	0.78	1.60	5,100	3,978	0.78	1.70
32	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
32	18	4,800	4,800	1.00	1.42	4,650	4,650	1.00	1.53	4,350	4,350	1.00	1.64
32	20	5,200	5,096	0.98	1.45	5,000	4,900	0.98	1.56	4,700	4,606	0.98	1.67
32	22	5,600	4,816	0.86	1.48	5,400	4,644	0.86	1.60	5,100	4,386	0.86	1.70
34	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
34	18	4,800	4,800	1.00	1.42	4,650	4,650	1.00	1.53	4,350	4,350	1.00	1.64
34	20	5,200	5,200	1.00	1.45	5,000	5,000	1.00	1.56	4,700	4,700	1.00	1.67
34	22	5,600	5,264	0.94	1.48	5,400	5,076	0.94	1.60	5,100	4,794	0.94	1.70

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M60JA / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,408	0.73	1.32	5,856	4,275	0.73	1.39	5,673	4,141	0.73	1.48
20	18	6,466	3,944	0.61	1.34	6,283	3,833	0.61	1.42	6,070	3,702	0.61	1.52
20	20	6,954	3,407	0.49	1.39	6,802	3,333	0.49	1.45	6,619	3,243	0.49	1.55
22	16	6,039	4,892	0.81	1.32	5,856	4,743	0.81	1.39	5,673	4,595	0.81	1.48
22	18	6,466	4,462	0.69	1.34	6,283	4,335	0.69	1.42	6,070	4,188	0.69	1.52
22	20	6,954	3,964	0.57	1.39	6,802	3,877	0.57	1.45	6,619	3,773	0.57	1.55
24	16	6,039	5,375	0.89	1.32	5,856	5,212	0.89	1.39	5,673	5,049	0.89	1.48
24	18	6,466	4,979	0.77	1.34	6,283	4,838	0.77	1.42	6,070	4,674	0.77	1.52
24	20	6,954	4,520	0.65	1.39	6,802	4,421	0.65	1.45	6,619	4,302	0.65	1.55
24	22	7,412	3,928	0.53	1.42	7,259	3,847	0.53	1.50	7,076	3,750	0.53	1.60
26	16	6,039	5,858	0.97	1.32	5,856	5,680	0.97	1.39	5,673	5,503	0.97	1.48
26	18	6,466	5,496	0.85	1.34	6,283	5,341	0.85	1.42	6,070	5,159	0.85	1.52
26	20	6,954	5,076	0.73	1.39	6,802	4,965	0.73	1.45	6,619	4,832	0.73	1.55
26	22	7,412	4,521	0.61	1.42	7,259	4,428	0.61	1.50	7,076	4,316	0.61	1.60
27	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
27	18	6,466	5,755	0.89	1.34	6,283	5,592	0.89	1.42	6,070	5,402	0.89	1.52
27	20	6,954	5,355	0.77	1.39	6,802	5,237	0.77	1.45	6,619	5,096	0.77	1.55
27	22	7,412	4,817	0.65	1.42	7,259	4,718	0.65	1.50	7,076	4,599	0.65	1.60
28	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
28	18	6,466	6,013	0.93	1.34	6,283	5,843	0.93	1.42	6,070	5,645	0.93	1.52
28	20	6,954	5,633	0.81	1.39	6,802	5,509	0.81	1.45	6,619	5,361	0.81	1.55
28	22	7,412	5,114	0.69	1.42	7,259	5,009	0.69	1.50	7,076	4,882	0.69	1.60
30	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
30	18	6,466	6,466	1.00	1.34	6,283	6,283	1.00	1.42	6,070	6,070	1.00	1.52
30	20	6,954	6,189	0.89	1.39	6,802	6,053	0.89	1.45	6,619	5,890	0.89	1.55
30	22	7,412	5,707	0.77	1.42	7,259	5,589	0.77	1.50	7,076	5,449	0.77	1.60
32	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
32	18	6,466	6,466	1.00	1.34	6,283	6,283	1.00	1.42	6,070	6,070	1.00	1.52
32	20	6,954	6,745	0.97	1.39	6,802	6,597	0.97	1.45	6,619	6,420	0.97	1.55
32	22	7,412	6,300	0.85	1.42	7,259	6,170	0.85	1.50	7,076	6,015	0.85	1.60
34	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
34	18	6,466	6,466	1.00	1.34	6,283	6,283	1.00	1.42	6,070	6,070	1.00	1.52
34	20	6,954	6,954	1.00	1.39	6,802	6,802	1.00	1.45	6,619	6,619	1.00	1.55
34	22	7,412	6,893	0.93	1.42	7,259	6,751	0.93	1.50	7,076	6,581	0.93	1.60

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,963	0.73	1.58	5,185	3,785	0.73	1.70	4,941	3,607	0.73	1.84
20	18	5,856	3,572	0.61	1.63	5,673	3,461	0.61	1.75	5,307	3,237	0.61	1.88
20	20	6,344	3,109	0.49	1.67	6,100	2,989	0.49	1.78	5,734	2,810	0.49	1.91
22	16	5,429	4,397	0.81	1.58	5,185	4,200	0.81	1.70	4,941	4,002	0.81	1.84
22	18	5,856	4,041	0.69	1.63	5,673	3,914	0.69	1.75	5,307	3,662	0.69	1.88
22	20	6,344	3,616	0.57	1.67	6,100	3,477	0.57	1.78	5,734	3,268	0.57	1.91
24	16	5,429	4,832	0.89	1.58	5,185	4,615	0.89	1.70	4,941	4,397	0.89	1.84
24	18	5,856	4,509	0.77	1.63	5,673	4,368	0.77	1.75	5,307	4,086	0.77	1.88
24	20	6,344	4,124	0.65	1.67	6,100	3,965	0.65	1.78	5,734	3,727	0.65	1.91
24	22	6,832	3,621	0.53	1.70	6,588	3,492	0.53	1.83	6,222	3,298	0.53	1.95
26	16	5,429	5,266	0.97	1.58	5,185	5,029	0.97	1.70	4,941	4,793	0.97	1.84
26	18	5,856	4,978	0.85	1.63	5,673	4,822	0.85	1.75	5,307	4,511	0.85	1.88
26	20	6,344	4,631	0.73	1.67	6,100	4,453	0.73	1.78	5,734	4,186	0.73	1.91
26	22	6,832	4,168	0.61	1.70	6,588	4,019	0.61	1.83	6,222	3,795	0.61	1.95
27	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
27	18	5,856	5,212	0.89	1.63	5,673	5,049	0.89	1.75	5,307	4,723	0.89	1.88
27	20	6,344	4,885	0.77	1.67	6,100	4,697	0.77	1.78	5,734	4,415	0.77	1.91
27	22	6,832	4,441	0.65	1.70	6,588	4,282	0.65	1.83	6,222	4,044	0.65	1.95
28	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
28	18	5,856	5,446	0.93	1.63	5,673	5,276	0.93	1.75	5,307	4,936	0.93	1.88
28	20	6,344	5,139	0.81	1.67	6,100	4,941	0.81	1.78	5,734	4,645	0.81	1.91
28	22	6,832	4,714	0.69	1.70	6,588	4,546	0.69	1.83	6,222	4,293	0.69	1.95
30	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
30	18	5,856	5,856	1.00	1.63	5,673	5,673	1.00	1.75	5,307	5,307	1.00	1.88
30	20	6,344	5,646	0.89	1.67	6,100	5,429	0.89	1.78	5,734	5,103	0.89	1.91
30	22	6,832	5,261	0.77	1.70	6,588	5,073	0.77	1.83	6,222	4,791	0.77	1.95
32	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
32	18	5,856	5,856	1.00	1.63	5,673	5,673	1.00	1.75	5,307	5,307	1.00	1.88
32	20	6,344	6,154	0.97	1.67	6,100	5,917	0.97	1.78	5,734	5,562	0.97	1.91
32	22	6,832	5,807	0.85	1.70	6,588	5,600	0.85	1.83	6,222	5,289	0.85	1.95
34	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
34	18	5,856	5,856	1.00	1.63	5,673	5,673	1.00	1.75	5,307	5,307	1.00	1.88
34	20	6,344	6,344	1.00	1.67	6,100	6,100	1.00	1.78	5,734	5,734	1.00	1.91
34	22	6,832	6,354	0.93	1.70	6,588	6,127	0.93	1.83	6,222	5,786	0.93	1.95

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JA / PUHZ-ZRP71VHA2

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,131	0.73	1.61	6,816	4,976	0.73	1.70	6,603	4,820	0.73	1.80
20	18	7,526	4,591	0.61	1.64	7,313	4,461	0.61	1.73	7,065	4,309	0.61	1.85
20	20	8,094	3,966	0.49	1.69	7,917	3,879	0.49	1.77	7,704	3,775	0.49	1.89
22	16	7,029	5,693	0.81	1.61	6,816	5,521	0.81	1.70	6,603	5,348	0.81	1.80
22	18	7,526	5,193	0.69	1.64	7,313	5,046	0.69	1.73	7,065	4,875	0.69	1.85
22	20	8,094	4,614	0.57	1.69	7,917	4,512	0.57	1.77	7,704	4,391	0.57	1.89
24	16	7,029	6,256	0.89	1.61	6,816	6,066	0.89	1.70	6,603	5,877	0.89	1.80
24	18	7,526	5,795	0.77	1.64	7,313	5,631	0.77	1.73	7,065	5,440	0.77	1.85
24	20	8,094	5,261	0.65	1.69	7,917	5,146	0.65	1.77	7,704	5,007	0.65	1.89
24	22	8,627	4,572	0.53	1.73	8,449	4,478	0.53	1.83	8,236	4,365	0.53	1.95
26	16	7,029	6,818	0.97	1.61	6,816	6,612	0.97	1.70	6,603	6,405	0.97	1.80
26	18	7,526	6,397	0.85	1.64	7,313	6,216	0.85	1.73	7,065	6,005	0.85	1.85
26	20	8,094	5,909	0.73	1.69	7,917	5,779	0.73	1.77	7,704	5,624	0.73	1.89
26	22	8,627	5,262	0.61	1.73	8,449	5,154	0.61	1.83	8,236	5,024	0.61	1.95
27	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
27	18	7,526	6,698	0.89	1.64	7,313	6,509	0.89	1.73	7,065	6,287	0.89	1.85
27	20	8,094	6,232	0.77	1.69	7,917	6,096	0.77	1.77	7,704	5,932	0.77	1.89
27	22	8,627	5,607	0.65	1.73	8,449	5,492	0.65	1.83	8,236	5,353	0.65	1.95
28	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
28	18	7,526	6,999	0.93	1.64	7,313	6,801	0.93	1.73	7,065	6,570	0.93	1.85
28	20	8,094	6,556	0.81	1.69	7,917	6,412	0.81	1.77	7,704	6,240	0.81	1.89
28	22	8,627	5,952	0.69	1.73	8,449	5,830	0.69	1.83	8,236	5,683	0.69	1.95
30	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
30	18	7,526	7,526	1.00	1.64	7,313	7,313	1.00	1.73	7,065	7,065	1.00	1.85
30	20	8,094	7,204	0.89	1.69	7,917	7,046	0.89	1.77	7,704	6,856	0.89	1.89
30	22	8,627	6,642	0.77	1.73	8,449	6,506	0.77	1.83	8,236	6,342	0.77	1.95
32	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
32	18	7,526	7,526	1.00	1.64	7,313	7,313	1.00	1.73	7,065	7,065	1.00	1.85
32	20	8,094	7,851	0.97	1.69	7,917	7,679	0.97	1.77	7,704	7,472	0.97	1.89
32	22	8,627	7,333	0.85	1.73	8,449	7,182	0.85	1.83	8,236	7,001	0.85	1.95
34	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
34	18	7,526	7,526	1.00	1.64	7,313	7,313	1.00	1.73	7,065	7,065	1.00	1.85
34	20	8,094	8,094	1.00	1.69	7,917	7,917	1.00	1.77	7,704	7,704	1.00	1.89
34	22	8,627	8,023	0.93	1.73	8,449	7,858	0.93	1.83	8,236	7,659	0.93	1.95

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,613	0.73	1.93	6,035	4,406	0.73	2.07	5,751	4,198	0.73	2.24
20	18	6,816	4,158	0.61	1.98	6,603	4,028	0.61	2.13	6,177	3,768	0.61	2.29
20	20	7,384	3,618	0.49	2.03	7,100	3,479	0.49	2.17	6,674	3,270	0.49	2.33
22	16	6,319	5,118	0.81	1.93	6,035	4,888	0.81	2.07	5,751	4,658	0.81	2.24
22	18	6,816	4,703	0.69	1.98	6,603	4,556	0.69	2.13	6,177	4,262	0.69	2.29
22	20	7,384	4,209	0.57	2.03	7,100	4,047	0.57	2.17	6,674	3,804	0.57	2.33
24	16	6,319	5,624	0.89	1.93	6,035	5,371	0.89	2.07	5,751	5,118	0.89	2.24
24	18	6,816	5,248	0.77	1.98	6,603	5,084	0.77	2.13	6,177	4,756	0.77	2.29
24	20	7,384	4,800	0.65	2.03	7,100	4,615	0.65	2.17	6,674	4,338	0.65	2.33
24	22	7,952	4,215	0.53	2.07	7,668	4,064	0.53	2.23	7,242	3,838	0.53	2.37
26	16	6,319	6,129	0.97	1.93	6,035	5,854	0.97	2.07	5,751	5,578	0.97	2.24
26	18	6,816	5,794	0.85	1.98	6,603	5,613	0.85	2.13	6,177	5,250	0.85	2.29
26	20	7,384	5,390	0.73	2.03	7,100	5,183	0.73	2.17	6,674	4,872	0.73	2.33
26	22	7,952	4,851	0.61	2.07	7,668	4,677	0.61	2.23	7,242	4,418	0.61	2.37
27	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
27	18	6,816	6,066	0.89	1.98	6,603	5,877	0.89	2.13	6,177	5,498	0.89	2.29
27	20	7,384	5,686	0.77	2.03	7,100	5,467	0.77	2.17	6,674	5,139	0.77	2.33
27	22	7,952	5,169	0.65	2.07	7,668	4,984	0.65	2.23	7,242	4,707	0.65	2.37
28	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
28	18	6,816	6,339	0.93	1.98	6,603	6,141	0.93	2.13	6,177	5,745	0.93	2.29
28	20	7,384	5,981	0.81	2.03	7,100	5,751	0.81	2.17	6,674	5,406	0.81	2.33
28	22	7,952	5,487	0.69	2.07	7,668	5,291	0.69	2.23	7,242	4,997	0.69	2.37
30	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
30	18	6,816	6,816	1.00	1.98	6,603	6,603	1.00	2.13	6,177	6,177	1.00	2.29
30	20	7,384	6,572	0.89	2.03	7,100	6,319	0.89	2.17	6,674	5,940	0.89	2.33
30	22	7,952	6,123	0.77	2.07	7,668	5,904	0.77	2.23	7,242	5,576	0.77	2.37
32	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
32	18	6,816	6,816	1.00	1.98	6,603	6,603	1.00	2.13	6,177	6,177	1.00	2.29
32	20	7,384	7,162	0.97	2.03	7,100	6,887	0.97	2.17	6,674	6,474	0.97	2.33
32	22	7,952	6,759	0.85	2.07	7,668	6,518	0.85	2.23	7,242	6,156	0.85	2.37
34	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
34	18	6,816	6,816	1.00	1.98	6,603	6,603	1.00	2.13	6,177	6,177	1.00	2.29
34	20	7,384	7,384	1.00	2.03	7,100	7,100	1.00	2.17	6,674	6,674	1.00	2.33
34	22	7,952	7,395	0.93	2.07	7,668	7,131	0.93	2.23	7,242	6,735	0.93	2.37

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PEAD-M100JA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	1.94	9,120	6,566	0.72	2.05	8,835	6,361	0.72	2.17
20	18	10,070	6,042	0.60	1.98	9,785	5,871	0.60	2.09	9,453	5,672	0.60	2.24
20	20	10,830	5,198	0.48	2.04	10,593	5,084	0.48	2.14	10,308	4,948	0.48	2.28
22	16	9,405	7,524	0.80	1.94	9,120	7,296	0.80	2.05	8,835	7,068	0.80	2.17
22	18	10,070	6,848	0.68	1.98	9,785	6,654	0.68	2.09	9,453	6,428	0.68	2.24
22	20	10,830	6,065	0.56	2.04	10,593	5,932	0.56	2.14	10,308	5,772	0.56	2.28
24	16	9,405	8,276	0.88	1.94	9,120	8,026	0.88	2.05	8,835	7,775	0.88	2.17
24	18	10,070	7,653	0.76	1.98	9,785	7,437	0.76	2.09	9,453	7,184	0.76	2.24
24	20	10,830	6,931	0.64	2.04	10,593	6,779	0.64	2.14	10,308	6,597	0.64	2.28
24	22	11,543	6,002	0.52	2.09	11,305	5,879	0.52	2.21	11,020	5,730	0.52	2.36
26	16	9,405	9,029	0.96	1.94	9,120	8,755	0.96	2.05	8,835	8,482	0.96	2.17
26	18	10,070	8,459	0.84	1.98	9,785	8,219	0.84	2.09	9,453	7,940	0.84	2.24
26	20	10,830	7,798	0.72	2.04	10,593	7,627	0.72	2.14	10,308	7,421	0.72	2.28
26	22	11,543	6,926	0.60	2.09	11,305	6,783	0.60	2.21	11,020	6,612	0.60	2.36
27	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
27	18	10,070	8,862	0.88	1.98	9,785	8,611	0.88	2.09	9,453	8,318	0.88	2.24
27	20	10,830	8,231	0.76	2.04	10,593	8,050	0.76	2.14	10,308	7,834	0.76	2.28
27	22	11,543	7,387	0.64	2.09	11,305	7,235	0.64	2.21	11,020	7,053	0.64	2.36
28	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
28	18	10,070	9,264	0.92	1.98	9,785	9,002	0.92	2.09	9,453	8,696	0.92	2.24
28	20	10,830	8,664	0.80	2.04	10,593	8,474	0.80	2.14	10,308	8,246	0.80	2.28
28	22	11,543	7,849	0.68	2.09	11,305	7,687	0.68	2.21	11,020	7,494	0.68	2.36
30	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
30	18	10,070	10,070	1.00	1.98	9,785	9,785	1.00	2.09	9,453	9,453	1.00	2.24
30	20	10,830	9,530	0.88	2.04	10,593	9,321	0.88	2.14	10,308	9,071	0.88	2.28
30	22	11,543	8,772	0.76	2.09	11,305	8,592	0.76	2.21	11,020	8,375	0.76	2.36
32	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
32	18	10,070	10,070	1.00	1.98	9,785	9,785	1.00	2.09	9,453	9,453	1.00	2.24
32	20	10,830	10,397	0.96	2.04	10,593	10,169	0.96	2.14	10,308	9,895	0.96	2.28
32	22	11,543	9,696	0.84	2.09	11,305	9,496	0.84	2.21	11,020	9,257	0.84	2.36
34	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
34	18	10,070	10,070	1.00	1.98	9,785	9,785	1.00	2.09	9,453	9,453	1.00	2.24
34	20	10,830	10,830	1.00	2.04	10,593	10,593	1.00	2.14	10,308	10,308	1.00	2.28
34	22	11,543	10,619	0.92	2.09	11,305	10,401	0.92	2.21	11,020	10,138	0.92	2.36

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.33	8,075	5,814	0.72	2.50	7,695	5,540	0.72	2.71
20	18	9,120	5,472	0.60	2.39	8,835	5,301	0.60	2.58	8,265	4,959	0.60	2.77
20	20	9,880	4,742	0.48	2.45	9,500	4,560	0.48	2.62	8,930	4,286	0.48	2.82
22	16	8,455	6,764	0.80	2.33	8,075	6,460	0.80	2.50	7,695	6,156	0.80	2.71
22	18	9,120	6,202	0.68	2.39	8,835	6,008	0.68	2.58	8,265	5,620	0.68	2.77
22	20	9,880	5,533	0.56	2.45	9,500	5,320	0.56	2.62	8,930	5,001	0.56	2.82
24	16	8,455	7,440	0.88	2.33	8,075	7,106	0.88	2.50	7,695	6,772	0.88	2.71
24	18	9,120	6,931	0.76	2.39	8,835	6,715	0.76	2.58	8,265	6,281	0.76	2.77
24	20	9,880	6,323	0.64	2.45	9,500	6,080	0.64	2.62	8,930	5,715	0.64	2.82
24	22	10,640	5,533	0.52	2.50	10,260	5,335	0.52	2.70	9,690	5,039	0.52	2.87
26	16	8,455	8,117	0.96	2.33	8,075	7,752	0.96	2.50	7,695	7,387	0.96	2.71
26	18	9,120	7,661	0.84	2.39	8,835	7,421	0.84	2.58	8,265	6,943	0.84	2.77
26	20	9,880	7,114	0.72	2.45	9,500	6,840	0.72	2.62	8,930	6,430	0.72	2.82
26	22	10,640	6,384	0.60	2.50	10,260	6,156	0.60	2.70	9,690	5,814	0.60	2.87
27	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
27	18	9,120	8,026	0.88	2.39	8,835	7,775	0.88	2.58	8,265	7,273	0.88	2.77
27	20	9,880	7,509	0.76	2.45	9,500	7,220	0.76	2.62	8,930	6,787	0.76	2.82
27	22	10,640	6,810	0.64	2.50	10,260	6,566	0.64	2.70	9,690	6,202	0.64	2.87
28	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
28	18	9,120	8,390	0.92	2.39	8,835	8,128	0.92	2.58	8,265	7,604	0.92	2.77
28	20	9,880	7,904	0.80	2.45	9,500	7,600	0.80	2.62	8,930	7,144	0.80	2.82
28	22	10,640	7,235	0.68	2.50	10,260	6,977	0.68	2.70	9,690	6,589	0.68	2.87
30	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
30	18	9,120	9,120	1.00	2.39	8,835	8,835	1.00	2.58	8,265	8,265	1.00	2.77
30	20	9,880	8,694	0.88	2.45	9,500	8,360	0.88	2.62	8,930	7,858	0.88	2.82
30	22	10,640	8,086	0.76	2.50	10,260	7,798	0.76	2.70	9,690	7,364	0.76	2.87
32	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
32	18	9,120	9,120	1.00	2.39	8,835	8,835	1.00	2.58	8,265	8,265	1.00	2.77
32	20	9,880	9,485	0.96	2.45	9,500	9,120	0.96	2.62	8,930	8,573	0.96	2.82
32	22	10,640	8,938	0.84	2.50	10,260	8,618	0.84	2.70	9,690	8,140	0.84	2.87
34	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
34	18	9,120	9,120	1.00	2.39	8,835	8,835	1.00	2.58	8,265	8,265	1.00	2.77
34	20	9,880	9,880	1.00	2.45	9,500	9,500	1.00	2.62	8,930	8,930	1.00	2.82
34	22	10,640	9,789	0.92	2.50	10,260	9,439	0.92	2.70	9,690	8,915	0.92	2.87

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M125JA / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.09	12,000	8,880	0.74	3.26	11,625	8,603	0.74	3.45
20	18	13,250	8,215	0.62	3.15	12,875	7,983	0.62	3.32	12,438	7,711	0.62	3.55
20	20	14,250	7,125	0.50	3.24	13,938	6,969	0.50	3.40	13,563	6,781	0.50	3.63
22	16	12,375	10,148	0.82	3.09	12,000	9,840	0.82	3.26	11,625	9,533	0.82	3.45
22	18	13,250	9,275	0.70	3.15	12,875	9,013	0.70	3.32	12,438	8,706	0.70	3.55
22	20	14,250	8,265	0.58	3.24	13,938	8,084	0.58	3.40	13,563	7,866	0.58	3.63
24	16	12,375	11,138	0.90	3.09	12,000	10,800	0.90	3.26	11,625	10,463	0.90	3.45
24	18	13,250	10,335	0.78	3.15	12,875	10,043	0.78	3.32	12,438	9,701	0.78	3.55
24	20	14,250	9,405	0.66	3.24	13,938	9,199	0.66	3.40	13,563	8,951	0.66	3.63
24	22	15,188	8,201	0.54	3.32	14,875	8,033	0.54	3.51	14,500	7,830	0.54	3.74
26	16	12,375	12,128	0.98	3.09	12,000	11,760	0.98	3.26	11,625	11,393	0.98	3.45
26	18	13,250	11,395	0.86	3.15	12,875	11,073	0.86	3.32	12,438	10,696	0.86	3.55
26	20	14,250	10,545	0.74	3.24	13,938	10,314	0.74	3.40	13,563	10,036	0.74	3.63
26	22	15,188	9,416	0.62	3.32	14,875	9,223	0.62	3.51	14,500	8,990	0.62	3.74
27	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
27	18	13,250	11,925	0.90	3.15	12,875	11,588	0.90	3.32	12,438	11,194	0.90	3.55
27	20	14,250	11,115	0.78	3.24	13,938	10,871	0.78	3.40	13,563	10,579	0.78	3.63
27	22	15,188	10,024	0.66	3.32	14,875	9,818	0.66	3.51	14,500	9,570	0.66	3.74
28	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
28	18	13,250	12,455	0.94	3.15	12,875	12,103	0.94	3.32	12,438	11,691	0.94	3.55
28	20	14,250	11,685	0.82	3.24	13,938	11,429	0.82	3.40	13,563	11,121	0.82	3.63
28	22	15,188	10,631	0.70	3.32	14,875	10,413	0.70	3.51	14,500	10,150	0.70	3.74
30	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
30	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.32	12,438	12,438	1.00	3.55
30	20	14,250	12,825	0.90	3.24	13,938	12,544	0.90	3.40	13,563	12,206	0.90	3.63
30	22	15,188	11,846	0.78	3.32	14,875	11,603	0.78	3.51	14,500	11,310	0.78	3.74
32	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
32	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.32	12,438	12,438	1.00	3.55
32	20	14,250	13,965	0.98	3.24	13,938	13,659	0.98	3.40	13,563	13,291	0.98	3.63
32	22	15,188	13,061	0.86	3.32	14,875	12,793	0.86	3.51	14,500	12,470	0.86	3.74
34	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
34	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.32	12,438	12,438	1.00	3.55
34	20	14,250	14,250	1.00	3.24	13,938	13,938	1.00	3.40	13,563	13,563	1.00	3.63
34	22	15,188	14,276	0.94	3.32	14,875	13,983	0.94	3.51	14,500	13,630	0.94	3.74

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.71	10,625	7,863	0.74	3.98	10,125	7,493	0.74	4.30
20	18	12,000	7,440	0.62	3.80	11,625	7,208	0.62	4.09	10,875	6,743	0.62	4.40
20	20	13,000	6,500	0.50	3.90	12,500	6,250	0.50	4.17	11,750	5,875	0.50	4.48
22	16	11,125	9,123	0.82	3.71	10,625	8,713	0.82	3.98	10,125	8,303	0.82	4.30
22	18	12,000	8,400	0.70	3.80	11,625	8,138	0.70	4.09	10,875	7,613	0.70	4.40
22	20	13,000	7,540	0.58	3.90	12,500	7,250	0.58	4.17	11,750	6,815	0.58	4.48
24	16	11,125	10,013	0.90	3.71	10,625	9,563	0.90	3.98	10,125	9,113	0.90	4.30
24	18	12,000	9,360	0.78	3.80	11,625	9,068	0.78	4.09	10,875	8,483	0.78	4.40
24	20	13,000	8,580	0.66	3.90	12,500	8,250	0.66	4.17	11,750	7,755	0.66	4.48
24	22	14,000	7,560	0.54	3.98	13,500	7,290	0.54	4.28	12,750	6,885	0.54	4.55
26	16	11,125	10,903	0.98	3.71	10,625	10,413	0.98	3.98	10,125	9,923	0.98	4.30
26	18	12,000	10,320	0.86	3.80	11,625	9,998	0.86	4.09	10,875	9,353	0.86	4.40
26	20	13,000	9,620	0.74	3.90	12,500	9,250	0.74	4.17	11,750	8,695	0.74	4.48
26	22	14,000	8,680	0.62	3.98	13,500	8,370	0.62	4.28	12,750	7,905	0.62	4.55
27	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
27	18	12,000	10,800	0.90	3.80	11,625	10,463	0.90	4.09	10,875	9,788	0.90	4.40
27	20	13,000	10,140	0.78	3.90	12,500	9,750	0.78	4.17	11,750	9,165	0.78	4.48
27	22	14,000	9,240	0.66	3.98	13,500	8,910	0.66	4.28	12,750	8,415	0.66	4.55
28	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
28	18	12,000	11,280	0.94	3.80	11,625	10,928	0.94	4.09	10,875	10,223	0.94	4.40
28	20	13,000	10,660	0.82	3.90	12,500	10,250	0.82	4.17	11,750	9,635	0.82	4.48
28	22	14,000	9,800	0.70	3.98	13,500	9,450	0.70	4.28	12,750	8,925	0.70	4.55
30	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
30	18	12,000	12,000	1.00	3.80	11,625	11,625	1.00	4.09	10,875	10,875	1.00	4.40
30	20	13,000	11,700	0.90	3.90	12,500	11,250	0.90	4.17	11,750	10,575	0.90	4.48
30	22	14,000	10,920	0.78	3.98	13,500	10,530	0.78	4.28	12,750	9,945	0.78	4.55
32	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
32	18	12,000	12,000	1.00	3.80	11,625	11,625	1.00	4.09	10,875	10,875	1.00	4.40
32	20	13,000	12,740	0.98	3.90	12,500	12,250	0.98	4.17	11,750	11,515	0.98	4.48
32	22	14,000	12,040	0.86	3.98	13,500	11,610	0.86	4.28	12,750	10,965	0.86	4.55
34	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
34	18	12,000	12,000	1.00	3.80	11,625	11,625	1.00	4.09	10,875	10,875	1.00	4.40
34	20	13,000	13,000	1.00	3.90	12,500	12,500	1.00	4.17	11,750	11,750	1.00	4.48
34	22	14,000	13,160	0.94	3.98	13,500	12,690	0.94	4.28	12,750	11,985	0.94	4.55

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY

PEAD-M140JA / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	3.46	12,864	9,519	0.74	3.65	12,462	9,222	0.74	3.87
20	18	14,204	8,806	0.62	3.52	13,802	8,557	0.62	3.72	13,333	8,266	0.62	3.97
20	20	15,276	7,638	0.50	3.63	14,941	7,471	0.50	3.80	14,539	7,270	0.50	4.06
22	16	13,266	10,878	0.82	3.46	12,864	10,548	0.82	3.65	12,462	10,219	0.82	3.87
22	18	14,204	9,943	0.70	3.52	13,802	9,661	0.70	3.72	13,333	9,333	0.70	3.97
22	20	15,276	8,860	0.58	3.63	14,941	8,666	0.58	3.80	14,539	8,433	0.58	4.06
24	16	13,266	11,939	0.90	3.46	12,864	11,578	0.90	3.65	12,462	11,216	0.90	3.87
24	18	14,204	11,079	0.78	3.52	13,802	10,766	0.78	3.72	13,333	10,400	0.78	3.97
24	20	15,276	10,082	0.66	3.63	14,941	9,861	0.66	3.80	14,539	9,596	0.66	4.06
24	22	16,281	8,792	0.54	3.72	15,946	8,611	0.54	3.93	15,544	8,394	0.54	4.19
26	16	13,266	13,001	0.98	3.46	12,864	12,607	0.98	3.65	12,462	12,213	0.98	3.87
26	18	14,204	12,215	0.86	3.52	13,802	11,870	0.86	3.72	13,333	11,466	0.86	3.97
26	20	15,276	11,304	0.74	3.63	14,941	11,056	0.74	3.80	14,539	10,759	0.74	4.06
26	22	16,281	10,094	0.62	3.72	15,946	9,887	0.62	3.93	15,544	9,637	0.62	4.19
27	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
27	18	14,204	12,784	0.90	3.52	13,802	12,422	0.90	3.72	13,333	12,000	0.90	3.97
27	20	15,276	11,915	0.78	3.63	14,941	11,654	0.78	3.80	14,539	11,340	0.78	4.06
27	22	16,281	10,745	0.66	3.72	15,946	10,524	0.66	3.93	15,544	10,259	0.66	4.19
28	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
28	18	14,204	13,352	0.94	3.52	13,802	12,974	0.94	3.72	13,333	12,533	0.94	3.97
28	20	15,276	12,526	0.82	3.63	14,941	12,252	0.82	3.80	14,539	11,922	0.82	4.06
28	22	16,281	11,397	0.70	3.72	15,946	11,162	0.70	3.93	15,544	10,881	0.70	4.19
30	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
30	18	14,204	14,204	1.00	3.52	13,802	13,802	1.00	3.72	13,333	13,333	1.00	3.97
30	20	15,276	13,748	0.90	3.63	14,941	13,447	0.90	3.80	14,539	13,085	0.90	4.06
30	22	16,281	12,699	0.78	3.72	15,946	12,438	0.78	3.93	15,544	12,124	0.78	4.19
32	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
32	18	14,204	14,204	1.00	3.52	13,802	13,802	1.00	3.72	13,333	13,333	1.00	3.97
32	20	15,276	14,970	0.98	3.63	14,941	14,642	0.98	3.80	14,539	14,248	0.98	4.06
32	22	16,281	14,002	0.86	3.72	15,946	13,714	0.86	3.93	15,544	13,368	0.86	4.19
34	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
34	18	14,204	14,204	1.00	3.52	13,802	13,802	1.00	3.72	13,333	13,333	1.00	3.97
34	20	15,276	15,276	1.00	3.63	14,941	14,941	1.00	3.80	14,539	14,539	1.00	4.06
34	22	16,281	15,304	0.94	3.72	15,946	14,989	0.94	3.93	15,544	14,611	0.94	4.19

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	4.15	11,390	8,429	0.74	4.45	10,854	8,032	0.74	4.82
20	18	12,864	7,976	0.62	4.26	12,462	7,726	0.62	4.58	11,658	7,228	0.62	4.92
20	20	13,936	6,968	0.50	4.36	13,400	6,700	0.50	4.67	12,596	6,298	0.50	5.01
22	16	11,926	9,779	0.82	4.15	11,390	9,340	0.82	4.45	10,854	8,900	0.82	4.82
22	18	12,864	9,005	0.70	4.26	12,462	8,723	0.70	4.58	11,658	8,161	0.70	4.92
22	20	13,936	8,083	0.58	4.36	13,400	7,772	0.58	4.67	12,596	7,306	0.58	5.01
24	16	11,926	10,733	0.90	4.15	11,390	10,251	0.90	4.45	10,854	9,769	0.90	4.82
24	18	12,864	10,034	0.78	4.26	12,462	9,720	0.78	4.58	11,658	9,093	0.78	4.92
24	20	13,936	9,198	0.66	4.36	13,400	8,844	0.66	4.67	12,596	8,313	0.66	5.01
24	22	15,008	8,104	0.54	4.45	14,472	7,815	0.54	4.80	13,668	7,381	0.54	5.10
26	16	11,926	11,687	0.98	4.15	11,390	11,162	0.98	4.45	10,854	10,637	0.98	4.82
26	18	12,864	11,063	0.86	4.26	12,462	10,717	0.86	4.58	11,658	10,026	0.86	4.92
26	20	13,936	10,313	0.74	4.36	13,400	9,916	0.74	4.67	12,596	9,321	0.74	5.01
26	22	15,008	9,305	0.62	4.45	14,472	8,973	0.62	4.80	13,668	8,474	0.62	5.10
27	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
27	18	12,864	11,578	0.90	4.26	12,462	11,216	0.90	4.58	11,658	10,492	0.90	4.92
27	20	13,936	10,870	0.78	4.36	13,400	10,452	0.78	4.67	12,596	9,825	0.78	5.01
27	22	15,008	9,905	0.66	4.45	14,472	9,552	0.66	4.80	13,668	9,021	0.66	5.10
28	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
28	18	12,864	12,092	0.94	4.26	12,462	11,714	0.94	4.58	11,658	10,959	0.94	4.92
28	20	13,936	11,428	0.82	4.36	13,400	10,988	0.82	4.67	12,596	10,329	0.82	5.01
28	22	15,008	10,506	0.70	4.45	14,472	10,130	0.70	4.80	13,668	9,568	0.70	5.10
30	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
30	18	12,864	12,864	1.00	4.26	12,462	12,462	1.00	4.58	11,658	11,658	1.00	4.92
30	20	13,936	12,542	0.90	4.36	13,400	12,060	0.90	4.67	12,596	11,336	0.90	5.01
30	22	15,008	11,706	0.78	4.45	14,472	11,288	0.78	4.80	13,668	10,661	0.78	5.10
32	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
32	18	12,864	12,864	1.00	4.26	12,462	12,462	1.00	4.58	11,658	11,658	1.00	4.92
32	20	13,936	13,657	0.98	4.36	13,400	13,132	0.98	4.67	12,596	12,344	0.98	5.01
32	22	15,008	12,907	0.86	4.45	14,472	12,446	0.86	4.80	13,668	11,754	0.86	5.10
34	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
34	18	12,864	12,864	1.00	4.26	12,462	12,462	1.00	4.58	11,658	11,658	1.00	4.92
34	20	13,936	13,936	1.00	4.36	13,400	13,400	1.00	4.67	12,596	12,596	1.00	5.01
34	22	15,008	14,108	0.94	4.45	14,472	13,604	0.94	4.80	13,668	12,848	0.94	5.10

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JAL / PUHZ-ZRP35VKA2

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,673	0.75	0.70	3,456	2,592	0.75	0.74	3,348	2,511	0.75	0.78
20	18	3,816	2,404	0.63	0.71	3,708	2,336	0.63	0.75	3,582	2,257	0.63	0.80
20	20	4,104	2,093	0.51	0.73	4,014	2,047	0.51	0.77	3,906	1,992	0.51	0.82
22	16	3,564	2,958	0.83	0.70	3,456	2,868	0.83	0.74	3,348	2,779	0.83	0.78
22	18	3,816	2,709	0.71	0.71	3,708	2,633	0.71	0.75	3,582	2,543	0.71	0.80
22	20	4,104	2,421	0.59	0.73	4,014	2,368	0.59	0.77	3,906	2,305	0.59	0.82
24	16	3,564	3,243	0.91	0.70	3,456	3,145	0.91	0.74	3,348	3,047	0.91	0.78
24	18	3,816	3,015	0.79	0.71	3,708	2,929	0.79	0.75	3,582	2,830	0.79	0.80
24	20	4,104	2,750	0.67	0.73	4,014	2,689	0.67	0.77	3,906	2,617	0.67	0.82
24	22	4,374	2,406	0.55	0.75	4,284	2,356	0.55	0.79	4,176	2,297	0.55	0.84
26	16	3,564	3,528	0.99	0.70	3,456	3,421	0.99	0.74	3,348	3,315	0.99	0.78
26	18	3,816	3,320	0.87	0.71	3,708	3,226	0.87	0.75	3,582	3,116	0.87	0.80
26	20	4,104	3,078	0.75	0.73	4,014	3,011	0.75	0.77	3,906	2,930	0.75	0.82
26	22	4,374	2,756	0.63	0.75	4,284	2,699	0.63	0.79	4,176	2,631	0.63	0.84
27	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
27	18	3,816	3,473	0.91	0.71	3,708	3,374	0.91	0.75	3,582	3,260	0.91	0.80
27	20	4,104	3,242	0.79	0.73	4,014	3,171	0.79	0.77	3,906	3,086	0.79	0.82
27	22	4,374	2,931	0.67	0.75	4,284	2,870	0.67	0.79	4,176	2,798	0.67	0.84
28	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
28	18	3,816	3,625	0.95	0.71	3,708	3,523	0.95	0.75	3,582	3,403	0.95	0.80
28	20	4,104	3,406	0.83	0.73	4,014	3,332	0.83	0.77	3,906	3,242	0.83	0.82
28	22	4,374	3,106	0.71	0.75	4,284	3,042	0.71	0.79	4,176	2,965	0.71	0.84
30	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
30	18	3,816	3,816	1.00	0.71	3,708	3,708	1.00	0.75	3,582	3,582	1.00	0.80
30	20	4,104	3,735	0.91	0.73	4,014	3,653	0.91	0.77	3,906	3,554	0.91	0.82
30	22	4,374	3,455	0.79	0.75	4,284	3,384	0.79	0.79	4,176	3,299	0.79	0.84
32	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
32	18	3,816	3,816	1.00	0.71	3,708	3,708	1.00	0.75	3,582	3,582	1.00	0.80
32	20	4,104	4,063	0.99	0.73	4,014	3,974	0.99	0.77	3,906	3,867	0.99	0.82
32	22	4,374	3,805	0.87	0.75	4,284	3,727	0.87	0.79	4,176	3,633	0.87	0.84
34	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
34	18	3,816	3,816	1.00	0.71	3,708	3,708	1.00	0.75	3,582	3,582	1.00	0.80
34	20	4,104	4,104	1.00	0.73	4,014	4,014	1.00	0.77	3,906	3,906	1.00	0.82
34	22	4,374	4,155	0.95	0.75	4,284	4,070	0.95	0.79	4,176	3,967	0.95	0.84

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,403	0.75	0.84	3,060	2,295	0.75	0.90	2,916	2,187	0.75	0.97
20	18	3,456	2,177	0.63	0.86	3,348	2,109	0.63	0.92	3,132	1,973	0.63	0.99
20	20	3,744	1,909	0.51	0.88	3,600	1,836	0.51	0.94	3,384	1,726	0.51	1.01
22	16	3,204	2,659	0.83	0.84	3,060	2,540	0.83	0.90	2,916	2,420	0.83	0.97
22	18	3,456	2,454	0.71	0.86	3,348	2,377	0.71	0.92	3,132	2,224	0.71	0.99
22	20	3,744	2,209	0.59	0.88	3,600	2,124	0.59	0.94	3,384	1,997	0.59	1.01
24	16	3,204	2,916	0.91	0.84	3,060	2,785	0.91	0.90	2,916	2,654	0.91	0.97
24	18	3,456	2,730	0.79	0.86	3,348	2,645	0.79	0.92	3,132	2,474	0.79	0.99
24	20	3,744	2,508	0.67	0.88	3,600	2,412	0.67	0.94	3,384	2,267	0.67	1.01
24	22	4,032	2,218	0.55	0.90	3,888	2,138	0.55	0.97	3,672	2,020	0.55	1.03
26	16	3,204	3,172	0.99	0.84	3,060	3,029	0.99	0.90	2,916	2,887	0.99	0.97
26	18	3,456	3,007	0.87	0.86	3,348	2,913	0.87	0.92	3,132	2,725	0.87	0.99
26	20	3,744	2,808	0.75	0.88	3,600	2,700	0.75	0.94	3,384	2,538	0.75	1.01
26	22	4,032	2,540	0.63	0.90	3,888	2,449	0.63	0.97	3,672	2,313	0.63	1.03
27	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
27	18	3,456	3,145	0.91	0.86	3,348	3,047	0.91	0.92	3,132	2,850	0.91	0.99
27	20	3,744	2,958	0.79	0.88	3,600	2,844	0.79	0.94	3,384	2,673	0.79	1.01
27	22	4,032	2,701	0.67	0.90	3,888	2,605	0.67	0.97	3,672	2,460	0.67	1.03
28	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
28	18	3,456	3,283	0.95	0.86	3,348	3,181	0.95	0.92	3,132	2,975	0.95	0.99
28	20	3,744	3,108	0.83	0.88	3,600	2,988	0.83	0.94	3,384	2,809	0.83	1.01
28	22	4,032	2,863	0.71	0.90	3,888	2,760	0.71	0.97	3,672	2,607	0.71	1.03
30	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
30	18	3,456	3,456	1.00	0.86	3,348	3,348	1.00	0.92	3,132	3,132	1.00	0.99
30	20	3,744	3,407	0.91	0.88	3,600	3,276	0.91	0.94	3,384	3,079	0.91	1.01
30	22	4,032	3,185	0.79	0.90	3,888	3,072	0.79	0.97	3,672	2,901	0.79	1.03
32	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
32	18	3,456	3,456	1.00	0.86	3,348	3,348	1.00	0.92	3,132	3,132	1.00	0.99
32	20	3,744	3,707	0.99	0.88	3,600	3,564	0.99	0.94	3,384	3,350	0.99	1.01
32	22	4,032	3,508	0.87	0.90	3,888	3,383	0.87	0.97	3,672	3,195	0.87	1.03
34	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
34	18	3,456	3,456	1.00	0.86	3,348	3,348	1.00	0.92	3,132	3,132	1.00	0.99
34	20	3,744	3,744	1.00	0.88	3,600	3,600	1.00	0.94	3,384	3,384	1.00	1.01
34	22	4,032	3,830	0.95	0.90	3,888	3,694	0.95	0.97	3,672	3,488	0.95	1.03

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JAL / PUHZ-ZRP50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	1.14	4,800	3,552	0.74	1.20	4,650	3,441	0.74	1.27
20	18	5,300	3,286	0.62	1.16	5,150	3,193	0.62	1.22	4,975	3,085	0.62	1.31
20	20	5,700	2,850	0.50	1.19	5,575	2,788	0.50	1.25	5,425	2,713	0.50	1.33
22	16	4,950	4,059	0.82	1.14	4,800	3,936	0.82	1.20	4,650	3,813	0.82	1.27
22	18	5,300	3,710	0.70	1.16	5,150	3,605	0.70	1.22	4,975	3,483	0.70	1.31
22	20	5,700	3,306	0.58	1.19	5,575	3,234	0.58	1.25	5,425	3,147	0.58	1.33
24	16	4,950	4,455	0.90	1.14	4,800	4,320	0.90	1.20	4,650	4,185	0.90	1.27
24	18	5,300	4,134	0.78	1.16	5,150	4,017	0.78	1.22	4,975	3,881	0.78	1.31
24	20	5,700	3,762	0.66	1.19	5,575	3,680	0.66	1.25	5,425	3,581	0.66	1.33
24	22	6,075	3,281	0.54	1.22	5,950	3,213	0.54	1.29	5,800	3,132	0.54	1.38
26	16	4,950	4,851	0.98	1.14	4,800	4,704	0.98	1.20	4,650	4,557	0.98	1.27
26	18	5,300	4,558	0.86	1.16	5,150	4,429	0.86	1.22	4,975	4,279	0.86	1.31
26	20	5,700	4,218	0.74	1.19	5,575	4,126	0.74	1.25	5,425	4,015	0.74	1.33
26	22	6,075	3,767	0.62	1.22	5,950	3,689	0.62	1.29	5,800	3,596	0.62	1.38
27	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
27	18	5,300	4,770	0.90	1.16	5,150	4,635	0.90	1.22	4,975	4,478	0.90	1.31
27	20	5,700	4,446	0.78	1.19	5,575	4,349	0.78	1.25	5,425	4,232	0.78	1.33
27	22	6,075	4,010	0.66	1.22	5,950	3,927	0.66	1.29	5,800	3,828	0.66	1.38
28	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
28	18	5,300	4,982	0.94	1.16	5,150	4,841	0.94	1.22	4,975	4,677	0.94	1.31
28	20	5,700	4,674	0.82	1.19	5,575	4,572	0.82	1.25	5,425	4,449	0.82	1.33
28	22	6,075	4,253	0.70	1.22	5,950	4,165	0.70	1.29	5,800	4,060	0.70	1.38
30	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
30	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
30	20	5,700	5,130	0.90	1.19	5,575	5,018	0.90	1.25	5,425	4,883	0.90	1.33
30	22	6,075	4,739	0.78	1.22	5,950	4,641	0.78	1.29	5,800	4,524	0.78	1.38
32	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
32	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
32	20	5,700	5,586	0.98	1.19	5,575	5,464	0.98	1.25	5,425	5,317	0.98	1.33
32	22	6,075	5,225	0.86	1.22	5,950	5,117	0.86	1.29	5,800	4,988	0.86	1.38
34	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
34	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
34	20	5,700	5,700	1.00	1.19	5,575	5,575	1.00	1.25	5,425	5,425	1.00	1.33
34	22	6,075	5,711	0.94	1.22	5,950	5,593	0.94	1.29	5,800	5,452	0.94	1.38

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.36	4,250	3,145	0.74	1.46	4,050	2,997	0.74	1.58
20	18	4,800	2,976	0.62	1.40	4,650	2,883	0.62	1.51	4,350	2,697	0.62	1.62
20	20	5,200	2,600	0.50	1.43	5,000	2,500	0.50	1.53	4,700	2,350	0.50	1.65
22	16	4,450	3,649	0.82	1.36	4,250	3,485	0.82	1.46	4,050	3,321	0.82	1.58
22	18	4,800	3,360	0.70	1.40	4,650	3,255	0.70	1.51	4,350	3,045	0.70	1.62
22	20	5,200	3,016	0.58	1.43	5,000	2,900	0.58	1.53	4,700	2,726	0.58	1.65
24	16	4,450	4,005	0.90	1.36	4,250	3,825	0.90	1.46	4,050	3,645	0.90	1.58
24	18	4,800	3,744	0.78	1.40	4,650	3,627	0.78	1.51	4,350	3,393	0.78	1.62
24	20	5,200	3,432	0.66	1.43	5,000	3,300	0.66	1.53	4,700	3,102	0.66	1.65
24	22	5,600	3,024	0.54	1.46	5,400	2,916	0.54	1.58	5,100	2,754	0.54	1.68
26	16	4,450	4,361	0.98	1.36	4,250	4,165	0.98	1.46	4,050	3,969	0.98	1.58
26	18	4,800	4,128	0.86	1.40	4,650	3,999	0.86	1.51	4,350	3,741	0.86	1.62
26	20	5,200	3,848	0.74	1.43	5,000	3,700	0.74	1.53	4,700	3,478	0.74	1.65
26	22	5,600	3,472	0.62	1.46	5,400	3,348	0.62	1.58	5,100	3,162	0.62	1.68
27	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
27	18	4,800	4,320	0.90	1.40	4,650	4,185	0.90	1.51	4,350	3,915	0.90	1.62
27	20	5,200	4,056	0.78	1.43	5,000	3,900	0.78	1.53	4,700	3,666	0.78	1.65
27	22	5,600	3,696	0.66	1.46	5,400	3,564	0.66	1.58	5,100	3,366	0.66	1.68
28	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
28	18	4,800	4,512	0.94	1.40	4,650	4,371	0.94	1.51	4,350	4,089	0.94	1.62
28	20	5,200	4,264	0.82	1.43	5,000	4,100	0.82	1.53	4,700	3,854	0.82	1.65
28	22	5,600	3,920	0.70	1.46	5,400	3,780	0.70	1.58	5,100	3,570	0.70	1.68
30	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
30	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
30	20	5,200	4,680	0.90	1.43	5,000	4,500	0.90	1.53	4,700	4,230	0.90	1.65
30	22	5,600	4,368	0.78	1.46	5,400	4,212	0.78	1.58	5,100	3,978	0.78	1.68
32	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
32	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
32	20	5,200	5,096	0.98	1.43	5,000	4,900	0.98	1.53	4,700	4,606	0.98	1.65
32	22	5,600	4,816	0.86	1.46	5,400	4,644	0.86	1.58	5,100	4,386	0.86	1.68
34	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
34	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
34	20	5,200	5,200	1.00	1.43	5,000	5,000	1.00	1.53	4,700	4,700	1.00	1.65
34	22	5,600	5,264	0.94	1.46	5,400	5,076	0.94	1.58	5,100	4,794	0.94	1.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M60JAL / PUHZ-ZRP60VHA2

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,408	0.73	1.30	5,856	4,275	0.73	1.38	5,673	4,141	0.73	1.46
20	18	6,466	3,944	0.61	1.33	6,283	3,833	0.61	1.40	6,070	3,702	0.61	1.50
20	20	6,954	3,407	0.49	1.37	6,802	3,333	0.49	1.43	6,619	3,243	0.49	1.53
22	16	6,039	4,892	0.81	1.30	5,856	4,743	0.81	1.38	5,673	4,595	0.81	1.46
22	18	6,466	4,462	0.69	1.33	6,283	4,335	0.69	1.40	6,070	4,188	0.69	1.50
22	20	6,954	3,964	0.57	1.37	6,802	3,877	0.57	1.43	6,619	3,773	0.57	1.53
24	16	6,039	5,375	0.89	1.30	5,856	5,212	0.89	1.38	5,673	5,049	0.89	1.46
24	18	6,466	4,979	0.77	1.33	6,283	4,838	0.77	1.40	6,070	4,674	0.77	1.50
24	20	6,954	4,520	0.65	1.37	6,802	4,421	0.65	1.43	6,619	4,302	0.65	1.53
24	22	7,412	3,928	0.53	1.40	7,259	3,847	0.53	1.48	7,076	3,750	0.53	1.58
26	16	6,039	5,858	0.97	1.30	5,856	5,680	0.97	1.38	5,673	5,503	0.97	1.46
26	18	6,466	5,496	0.85	1.33	6,283	5,341	0.85	1.40	6,070	5,159	0.85	1.50
26	20	6,954	5,076	0.73	1.37	6,802	4,965	0.73	1.43	6,619	4,832	0.73	1.53
26	22	7,412	4,521	0.61	1.40	7,259	4,428	0.61	1.48	7,076	4,316	0.61	1.58
27	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
27	18	6,466	5,755	0.89	1.33	6,283	5,592	0.89	1.40	6,070	5,402	0.89	1.50
27	20	6,954	5,355	0.77	1.37	6,802	5,237	0.77	1.43	6,619	5,096	0.77	1.53
27	22	7,412	4,817	0.65	1.40	7,259	4,718	0.65	1.48	7,076	4,599	0.65	1.58
28	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
28	18	6,466	6,013	0.93	1.33	6,283	5,843	0.93	1.40	6,070	5,645	0.93	1.50
28	20	6,954	5,633	0.81	1.37	6,802	5,509	0.81	1.43	6,619	5,361	0.81	1.53
28	22	7,412	5,114	0.69	1.40	7,259	5,009	0.69	1.48	7,076	4,882	0.69	1.58
30	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
30	18	6,466	6,466	1.00	1.33	6,283	6,283	1.00	1.40	6,070	6,070	1.00	1.50
30	20	6,954	6,189	0.89	1.37	6,802	6,053	0.89	1.43	6,619	5,890	0.89	1.53
30	22	7,412	5,707	0.77	1.40	7,259	5,589	0.77	1.48	7,076	5,449	0.77	1.58
32	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
32	18	6,466	6,466	1.00	1.33	6,283	6,283	1.00	1.40	6,070	6,070	1.00	1.50
32	20	6,954	6,745	0.97	1.37	6,802	6,597	0.97	1.43	6,619	6,420	0.97	1.53
32	22	7,412	6,300	0.85	1.40	7,259	6,170	0.85	1.48	7,076	6,015	0.85	1.58
34	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
34	18	6,466	6,466	1.00	1.33	6,283	6,283	1.00	1.40	6,070	6,070	1.00	1.50
34	20	6,954	6,954	1.00	1.37	6,802	6,802	1.00	1.43	6,619	6,619	1.00	1.53
34	22	7,412	6,893	0.93	1.40	7,259	6,751	0.93	1.48	7,076	6,581	0.93	1.58

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,963	0.73	1.56	5,185	3,785	0.73	1.68	4,941	3,607	0.73	1.82
20	18	5,856	3,572	0.61	1.61	5,673	3,461	0.61	1.73	5,307	3,237	0.61	1.86
20	20	6,344	3,109	0.49	1.65	6,100	2,989	0.49	1.76	5,734	2,810	0.49	1.89
22	16	5,429	4,397	0.81	1.56	5,185	4,200	0.81	1.68	4,941	4,002	0.81	1.82
22	18	5,856	4,041	0.69	1.61	5,673	3,914	0.69	1.73	5,307	3,662	0.69	1.86
22	20	6,344	3,616	0.57	1.65	6,100	3,477	0.57	1.76	5,734	3,268	0.57	1.89
24	16	5,429	4,832	0.89	1.56	5,185	4,615	0.89	1.68	4,941	4,397	0.89	1.82
24	18	5,856	4,509	0.77	1.61	5,673	4,368	0.77	1.73	5,307	4,086	0.77	1.86
24	20	6,344	4,124	0.65	1.65	6,100	3,965	0.65	1.76	5,734	3,727	0.65	1.89
24	22	6,832	3,621	0.53	1.68	6,588	3,492	0.53	1.81	6,222	3,298	0.53	1.92
26	16	5,429	5,266	0.97	1.56	5,185	5,029	0.97	1.68	4,941	4,793	0.97	1.82
26	18	5,856	4,978	0.85	1.61	5,673	4,822	0.85	1.73	5,307	4,511	0.85	1.86
26	20	6,344	4,631	0.73	1.65	6,100	4,453	0.73	1.76	5,734	4,186	0.73	1.89
26	22	6,832	4,168	0.61	1.68	6,588	4,019	0.61	1.81	6,222	3,795	0.61	1.92
27	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
27	18	5,856	5,212	0.89	1.61	5,673	5,049	0.89	1.73	5,307	4,723	0.89	1.86
27	20	6,344	4,885	0.77	1.65	6,100	4,697	0.77	1.76	5,734	4,415	0.77	1.89
27	22	6,832	4,441	0.65	1.68	6,588	4,282	0.65	1.81	6,222	4,044	0.65	1.92
28	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
28	18	5,856	5,446	0.93	1.61	5,673	5,276	0.93	1.73	5,307	4,936	0.93	1.86
28	20	6,344	5,139	0.81	1.65	6,100	4,941	0.81	1.76	5,734	4,645	0.81	1.89
28	22	6,832	4,714	0.69	1.68	6,588	4,546	0.69	1.81	6,222	4,293	0.69	1.92
30	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
30	18	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.73	5,307	5,307	1.00	1.86
30	20	6,344	5,646	0.89	1.65	6,100	5,429	0.89	1.76	5,734	5,103	0.89	1.89
30	22	6,832	5,261	0.77	1.68	6,588	5,073	0.77	1.81	6,222	4,791	0.77	1.92
32	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
32	18	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.73	5,307	5,307	1.00	1.86
32	20	6,344	6,154	0.97	1.65	6,100	5,917	0.97	1.76	5,734	5,562	0.97	1.89
32	22	6,832	5,807	0.85	1.68	6,588	5,600	0.85	1.81	6,222	5,289	0.85	1.92
34	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
34	18	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.73	5,307	5,307	1.00	1.86
34	20	6,344	6,344	1.00	1.65	6,100	6,100	1.00	1.76	5,734	5,734	1.00	1.89
34	22	6,832	6,354	0.93	1.68	6,588	6,127	0.93	1.81	6,222	5,786	0.93	1.92

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JAL / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,131	0.73	1.59	6,816	4,976	0.73	1.68	6,603	4,820	0.73	1.78
20	18	7,526	4,591	0.61	1.62	7,313	4,461	0.61	1.71	7,065	4,309	0.61	1.83
20	20	8,094	3,966	0.49	1.67	7,917	3,879	0.49	1.75	7,704	3,775	0.49	1.87
22	16	7,029	5,693	0.81	1.59	6,816	5,521	0.81	1.68	6,603	5,348	0.81	1.78
22	18	7,526	5,193	0.69	1.62	7,313	5,046	0.69	1.71	7,065	4,875	0.69	1.83
22	20	8,094	4,614	0.57	1.67	7,917	4,512	0.57	1.75	7,704	4,391	0.57	1.87
24	16	7,029	6,256	0.89	1.59	6,816	6,066	0.89	1.68	6,603	5,877	0.89	1.78
24	18	7,526	5,795	0.77	1.62	7,313	5,631	0.77	1.71	7,065	5,440	0.77	1.83
24	20	8,094	5,261	0.65	1.67	7,917	5,146	0.65	1.75	7,704	5,007	0.65	1.87
24	22	8,627	4,572	0.53	1.71	8,449	4,478	0.53	1.81	8,236	4,365	0.53	1.93
26	16	7,029	6,818	0.97	1.59	6,816	6,612	0.97	1.68	6,603	6,405	0.97	1.78
26	18	7,526	6,397	0.85	1.62	7,313	6,216	0.85	1.71	7,065	6,005	0.85	1.83
26	20	8,094	5,909	0.73	1.67	7,917	5,779	0.73	1.75	7,704	5,624	0.73	1.87
26	22	8,627	5,262	0.61	1.71	8,449	5,154	0.61	1.81	8,236	5,024	0.61	1.93
27	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
27	18	7,526	6,698	0.89	1.62	7,313	6,509	0.89	1.71	7,065	6,287	0.89	1.83
27	20	8,094	6,232	0.77	1.67	7,917	6,096	0.77	1.75	7,704	5,932	0.77	1.87
27	22	8,627	5,607	0.65	1.71	8,449	5,492	0.65	1.81	8,236	5,353	0.65	1.93
28	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
28	18	7,526	6,999	0.93	1.62	7,313	6,801	0.93	1.71	7,065	6,570	0.93	1.83
28	20	8,094	6,556	0.81	1.67	7,917	6,412	0.81	1.75	7,704	6,240	0.81	1.87
28	22	8,627	5,952	0.69	1.71	8,449	5,830	0.69	1.81	8,236	5,683	0.69	1.93
30	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
30	18	7,526	7,526	1.00	1.62	7,313	7,313	1.00	1.71	7,065	7,065	1.00	1.83
30	20	8,094	7,204	0.89	1.67	7,917	7,046	0.89	1.75	7,704	6,856	0.89	1.87
30	22	8,627	6,642	0.77	1.71	8,449	6,506	0.77	1.81	8,236	6,342	0.77	1.93
32	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
32	18	7,526	7,526	1.00	1.62	7,313	7,313	1.00	1.71	7,065	7,065	1.00	1.83
32	20	8,094	7,851	0.97	1.67	7,917	7,679	0.97	1.75	7,704	7,472	0.97	1.87
32	22	8,627	7,333	0.85	1.71	8,449	7,182	0.85	1.81	8,236	7,001	0.85	1.93
34	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
34	18	7,526	7,526	1.00	1.62	7,313	7,313	1.00	1.71	7,065	7,065	1.00	1.83
34	20	8,094	8,094	1.00	1.67	7,917	7,917	1.00	1.75	7,704	7,704	1.00	1.87
34	22	8,627	8,023	0.93	1.71	8,449	7,858	0.93	1.81	8,236	7,659	0.93	1.93

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,613	0.73	1.91	6,035	4,406	0.73	2.05	5,751	4,198	0.73	2.22
20	18	6,816	4,158	0.61	1.96	6,603	4,028	0.61	2.11	6,177	3,768	0.61	2.27
20	20	7,384	3,618	0.49	2.01	7,100	3,479	0.49	2.15	6,674	3,270	0.49	2.31
22	16	6,319	5,118	0.81	1.91	6,035	4,888	0.81	2.05	5,751	4,658	0.81	2.22
22	18	6,816	4,703	0.69	1.96	6,603	4,556	0.69	2.11	6,177	4,262	0.69	2.27
22	20	7,384	4,209	0.57	2.01	7,100	4,047	0.57	2.15	6,674	3,804	0.57	2.31
24	16	6,319	5,624	0.89	1.91	6,035	5,371	0.89	2.05	5,751	5,118	0.89	2.22
24	18	6,816	5,248	0.77	1.96	6,603	5,084	0.77	2.11	6,177	4,756	0.77	2.27
24	20	7,384	4,800	0.65	2.01	7,100	4,615	0.65	2.15	6,674	4,338	0.65	2.31
24	22	7,952	4,215	0.53	2.05	7,668	4,064	0.53	2.21	7,242	3,838	0.53	2.35
26	16	6,319	6,129	0.97	1.91	6,035	5,854	0.97	2.05	5,751	5,578	0.97	2.22
26	18	6,816	5,794	0.85	1.96	6,603	5,613	0.85	2.11	6,177	5,250	0.85	2.27
26	20	7,384	5,390	0.73	2.01	7,100	5,183	0.73	2.15	6,674	4,872	0.73	2.31
26	22	7,952	4,851	0.61	2.05	7,668	4,677	0.61	2.21	7,242	4,418	0.61	2.35
27	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
27	18	6,816	6,066	0.89	1.96	6,603	5,877	0.89	2.11	6,177	5,498	0.89	2.27
27	20	7,384	5,686	0.77	2.01	7,100	5,467	0.77	2.15	6,674	5,139	0.77	2.31
27	22	7,952	5,169	0.65	2.05	7,668	4,984	0.65	2.21	7,242	4,707	0.65	2.35
28	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
28	18	6,816	6,339	0.93	1.96	6,603	6,141	0.93	2.11	6,177	5,745	0.93	2.27
28	20	7,384	5,981	0.81	2.01	7,100	5,751	0.81	2.15	6,674	5,406	0.81	2.31
28	22	7,952	5,487	0.69	2.05	7,668	5,291	0.69	2.21	7,242	4,997	0.69	2.35
30	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
30	18	6,816	6,816	1.00	1.96	6,603	6,603	1.00	2.11	6,177	6,177	1.00	2.27
30	20	7,384	6,572	0.89	2.01	7,100	6,319	0.89	2.15	6,674	5,940	0.89	2.31
30	22	7,952	6,123	0.77	2.05	7,668	5,904	0.77	2.21	7,242	5,576	0.77	2.35
32	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
32	18	6,816	6,816	1.00	1.96	6,603	6,603	1.00	2.11	6,177	6,177	1.00	2.27
32	20	7,384	7,162	0.97	2.01	7,100	6,887	0.97	2.15	6,674	6,474	0.97	2.31
32	22	7,952	6,759	0.85	2.05	7,668	6,518	0.85	2.21	7,242	6,156	0.85	2.35
34	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
34	18	6,816	6,816	1.00	1.96	6,603	6,603	1.00	2.11	6,177	6,177	1.00	2.27
34	20	7,384	7,384	1.00	2.01	7,100	7,100	1.00	2.15	6,674	6,674	1.00	2.31
34	22	7,952	7,395	0.93	2.05	7,668	7,131	0.93	2.21	7,242	6,735	0.93	2.35

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M100JAL / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	1.93	9,120	6,566	0.72	2.04	8,835	6,361	0.72	2.16
20	18	10,070	6,042	0.60	1.96	9,785	5,871	0.60	2.07	9,453	5,672	0.60	2.22
20	20	10,830	5,198	0.48	2.02	10,593	5,084	0.48	2.12	10,308	4,948	0.48	2.27
22	16	9,405	7,524	0.80	1.93	9,120	7,296	0.80	2.04	8,835	7,068	0.80	2.16
22	18	10,070	6,848	0.68	1.96	9,785	6,654	0.68	2.07	9,453	6,428	0.68	2.22
22	20	10,830	6,065	0.56	2.02	10,593	5,932	0.56	2.12	10,308	5,772	0.56	2.27
24	16	9,405	8,276	0.88	1.93	9,120	8,026	0.88	2.04	8,835	7,775	0.88	2.16
24	18	10,070	7,653	0.76	1.96	9,785	7,437	0.76	2.07	9,453	7,184	0.76	2.22
24	20	10,830	6,931	0.64	2.02	10,593	6,779	0.64	2.12	10,308	6,597	0.64	2.27
24	22	11,543	6,002	0.52	2.07	11,305	5,879	0.52	2.19	11,020	5,730	0.52	2.34
26	16	9,405	9,029	0.96	1.93	9,120	8,755	0.96	2.04	8,835	8,482	0.96	2.16
26	18	10,070	8,459	0.84	1.96	9,785	8,219	0.84	2.07	9,453	7,940	0.84	2.22
26	20	10,830	7,798	0.72	2.02	10,593	7,627	0.72	2.12	10,308	7,421	0.72	2.27
26	22	11,543	6,926	0.60	2.07	11,305	6,783	0.60	2.19	11,020	6,612	0.60	2.34
27	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
27	18	10,070	8,862	0.88	1.96	9,785	8,611	0.88	2.07	9,453	8,318	0.88	2.22
27	20	10,830	8,231	0.76	2.02	10,593	8,050	0.76	2.12	10,308	7,834	0.76	2.27
27	22	11,543	7,387	0.64	2.07	11,305	7,235	0.64	2.19	11,020	7,053	0.64	2.34
28	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
28	18	10,070	9,264	0.92	1.96	9,785	9,002	0.92	2.07	9,453	8,696	0.92	2.22
28	20	10,830	8,664	0.80	2.02	10,593	8,474	0.80	2.12	10,308	8,246	0.80	2.27
28	22	11,543	7,849	0.68	2.07	11,305	7,687	0.68	2.19	11,020	7,494	0.68	2.34
30	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
30	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.07	9,453	9,453	1.00	2.22
30	20	10,830	9,530	0.88	2.02	10,593	9,321	0.88	2.12	10,308	9,071	0.88	2.27
30	22	11,543	8,772	0.76	2.07	11,305	8,592	0.76	2.19	11,020	8,375	0.76	2.34
32	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
32	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.07	9,453	9,453	1.00	2.22
32	20	10,830	10,397	0.96	2.02	10,593	10,169	0.96	2.12	10,308	9,895	0.96	2.27
32	22	11,543	9,696	0.84	2.07	11,305	9,496	0.84	2.19	11,020	9,257	0.84	2.34
34	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
34	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.07	9,453	9,453	1.00	2.22
34	20	10,830	10,830	1.00	2.02	10,593	10,593	1.00	2.12	10,308	10,308	1.00	2.27
34	22	11,543	10,619	0.92	2.07	11,305	10,401	0.92	2.19	11,020	10,138	0.92	2.34

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.31	8,075	5,814	0.72	2.48	7,695	5,540	0.72	2.69
20	18	9,120	5,472	0.60	2.37	8,835	5,301	0.60	2.55	8,265	4,959	0.60	2.75
20	20	9,880	4,742	0.48	2.43	9,500	4,560	0.48	2.60	8,930	4,286	0.48	2.80
22	16	8,455	6,764	0.80	2.31	8,075	6,460	0.80	2.48	7,695	6,156	0.80	2.69
22	18	9,120	6,202	0.68	2.37	8,835	6,008	0.68	2.55	8,265	5,620	0.68	2.75
22	20	9,880	5,533	0.56	2.43	9,500	5,320	0.56	2.60	8,930	5,001	0.56	2.80
24	16	8,455	7,440	0.88	2.31	8,075	7,106	0.88	2.48	7,695	6,772	0.88	2.69
24	18	9,120	6,931	0.76	2.37	8,835	6,715	0.76	2.55	8,265	6,281	0.76	2.75
24	20	9,880	6,323	0.64	2.43	9,500	6,080	0.64	2.60	8,930	5,715	0.64	2.80
24	22	10,640	5,533	0.52	2.48	10,260	5,335	0.52	2.68	9,690	5,039	0.52	2.84
26	16	8,455	8,117	0.96	2.31	8,075	7,752	0.96	2.48	7,695	7,387	0.96	2.69
26	18	9,120	7,661	0.84	2.37	8,835	7,421	0.84	2.55	8,265	6,943	0.84	2.75
26	20	9,880	7,114	0.72	2.43	9,500	6,840	0.72	2.60	8,930	6,430	0.72	2.80
26	22	10,640	6,384	0.60	2.48	10,260	6,156	0.60	2.68	9,690	5,814	0.60	2.84
27	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
27	18	9,120	8,026	0.88	2.37	8,835	7,775	0.88	2.55	8,265	7,273	0.88	2.75
27	20	9,880	7,509	0.76	2.43	9,500	7,220	0.76	2.60	8,930	6,787	0.76	2.80
27	22	10,640	6,810	0.64	2.48	10,260	6,566	0.64	2.68	9,690	6,202	0.64	2.84
28	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
28	18	9,120	8,390	0.92	2.37	8,835	8,128	0.92	2.55	8,265	7,604	0.92	2.75
28	20	9,880	7,904	0.80	2.43	9,500	7,600	0.80	2.60	8,930	7,144	0.80	2.80
28	22	10,640	7,235	0.68	2.48	10,260	6,977	0.68	2.68	9,690	6,589	0.68	2.84
30	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
30	18	9,120	9,120	1.00	2.37	8,835	8,835	1.00	2.55	8,265	8,265	1.00	2.75
30	20	9,880	8,694	0.88	2.43	9,500	8,360	0.88	2.60	8,930	7,858	0.88	2.80
30	22	10,640	8,086	0.76	2.48	10,260	7,798	0.76	2.68	9,690	7,364	0.76	2.84
32	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
32	18	9,120	9,120	1.00	2.37	8,835	8,835	1.00	2.55	8,265	8,265	1.00	2.75
32	20	9,880	9,485	0.96	2.43	9,500	9,120	0.96	2.60	8,930	8,573	0.96	2.80
32	22	10,640	8,938	0.84	2.48	10,260	8,618	0.84	2.68	9,690	8,140	0.84	2.84
34	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
34	18	9,120	9,120	1.00	2.37	8,835	8,835	1.00	2.55	8,265	8,265	1.00	2.75
34	20	9,880	9,880	1.00	2.43	9,500	9,500	1.00	2.60	8,930	8,930	1.00	2.80
34	22	10,640	9,789	0.92	2.48	10,260	9,439	0.92	2.68	9,690	8,915	0.92	2.84

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY

PEAD-M125JAL / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.06	12,000	8,880	0.74	3.24	11,625	8,603	0.74	3.43
20	18	13,250	8,215	0.62	3.12	12,875	7,983	0.62	3.29	12,438	7,711	0.62	3.52
20	20	14,250	7,125	0.50	3.22	13,938	6,969	0.50	3.37	13,563	6,781	0.50	3.60
22	16	12,375	10,148	0.82	3.06	12,000	9,840	0.82	3.24	11,625	9,533	0.82	3.43
22	18	13,250	9,275	0.70	3.12	12,875	9,013	0.70	3.29	12,438	8,706	0.70	3.52
22	20	14,250	8,265	0.58	3.22	13,938	8,084	0.58	3.37	13,563	7,866	0.58	3.60
24	16	12,375	11,138	0.90	3.06	12,000	10,800	0.90	3.24	11,625	10,463	0.90	3.43
24	18	13,250	10,335	0.78	3.12	12,875	10,043	0.78	3.29	12,438	9,701	0.78	3.52
24	20	14,250	9,405	0.66	3.22	13,938	9,199	0.66	3.37	13,563	8,951	0.66	3.60
24	22	15,188	8,201	0.54	3.29	14,875	8,033	0.54	3.49	14,500	7,830	0.54	3.72
26	16	12,375	12,128	0.98	3.06	12,000	11,760	0.98	3.24	11,625	11,393	0.98	3.43
26	18	13,250	11,395	0.86	3.12	12,875	11,073	0.86	3.29	12,438	10,696	0.86	3.52
26	20	14,250	10,545	0.74	3.22	13,938	10,314	0.74	3.37	13,563	10,036	0.74	3.60
26	22	15,188	9,416	0.62	3.29	14,875	9,223	0.62	3.49	14,500	8,990	0.62	3.72
27	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
27	18	13,250	11,925	0.90	3.12	12,875	11,588	0.90	3.29	12,438	11,194	0.90	3.52
27	20	14,250	11,115	0.78	3.22	13,938	10,871	0.78	3.37	13,563	10,579	0.78	3.60
27	22	15,188	10,024	0.66	3.29	14,875	9,818	0.66	3.49	14,500	9,570	0.66	3.72
28	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
28	18	13,250	12,455	0.94	3.12	12,875	12,103	0.94	3.29	12,438	11,691	0.94	3.52
28	20	14,250	11,685	0.82	3.22	13,938	11,429	0.82	3.37	13,563	11,121	0.82	3.60
28	22	15,188	10,631	0.70	3.29	14,875	10,413	0.70	3.49	14,500	10,150	0.70	3.72
30	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
30	18	13,250	13,250	1.00	3.12	12,875	12,875	1.00	3.29	12,438	12,438	1.00	3.52
30	20	14,250	12,825	0.90	3.22	13,938	12,544	0.90	3.37	13,563	12,206	0.90	3.60
30	22	15,188	11,846	0.78	3.29	14,875	11,603	0.78	3.49	14,500	11,310	0.78	3.72
32	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
32	18	13,250	13,250	1.00	3.12	12,875	12,875	1.00	3.29	12,438	12,438	1.00	3.52
32	20	14,250	13,965	0.98	3.22	13,938	13,659	0.98	3.37	13,563	13,291	0.98	3.60
32	22	15,188	13,061	0.86	3.29	14,875	12,793	0.86	3.49	14,500	12,470	0.86	3.72
34	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
34	18	13,250	13,250	1.00	3.12	12,875	12,875	1.00	3.29	12,438	12,438	1.00	3.52
34	20	14,250	14,250	1.00	3.22	13,938	13,938	1.00	3.37	13,563	13,563	1.00	3.60
34	22	15,188	14,276	0.94	3.29	14,875	13,983	0.94	3.49	14,500	13,630	0.94	3.72

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.68	10,625	7,863	0.74	3.94	10,125	7,493	0.74	4.27
20	18	12,000	7,440	0.62	3.77	11,625	7,208	0.62	4.06	10,875	6,743	0.62	4.37
20	20	13,000	6,500	0.50	3.87	12,500	6,250	0.50	4.14	11,750	5,875	0.50	4.44
22	16	11,125	9,123	0.82	3.68	10,625	8,713	0.82	3.94	10,125	8,303	0.82	4.27
22	18	12,000	8,400	0.70	3.77	11,625	8,138	0.70	4.06	10,875	7,613	0.70	4.37
22	20	13,000	7,540	0.58	3.87	12,500	7,250	0.58	4.14	11,750	6,815	0.58	4.44
24	16	11,125	10,013	0.90	3.68	10,625	9,563	0.90	3.94	10,125	9,113	0.90	4.27
24	18	12,000	9,360	0.78	3.77	11,625	9,068	0.78	4.06	10,875	8,483	0.78	4.37
24	20	13,000	8,580	0.66	3.87	12,500	8,250	0.66	4.14	11,750	7,755	0.66	4.44
24	22	14,000	7,560	0.54	3.94	13,500	7,290	0.54	4.25	12,750	6,885	0.54	4.52
26	16	11,125	10,903	0.98	3.68	10,625	10,413	0.98	3.94	10,125	9,923	0.98	4.27
26	18	12,000	10,320	0.86	3.77	11,625	9,998	0.86	4.06	10,875	9,353	0.86	4.37
26	20	13,000	9,620	0.74	3.87	12,500	9,250	0.74	4.14	11,750	8,695	0.74	4.44
26	22	14,000	8,680	0.62	3.94	13,500	8,370	0.62	4.25	12,750	7,905	0.62	4.52
27	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
27	18	12,000	10,800	0.90	3.77	11,625	10,463	0.90	4.06	10,875	9,788	0.90	4.37
27	20	13,000	10,140	0.78	3.87	12,500	9,750	0.78	4.14	11,750	9,165	0.78	4.44
27	22	14,000	9,240	0.66	3.94	13,500	8,910	0.66	4.25	12,750	8,415	0.66	4.52
28	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
28	18	12,000	11,280	0.94	3.77	11,625	10,928	0.94	4.06	10,875	10,223	0.94	4.37
28	20	13,000	10,660	0.82	3.87	12,500	10,250	0.82	4.14	11,750	9,635	0.82	4.44
28	22	14,000	9,800	0.70	3.94	13,500	9,450	0.70	4.25	12,750	8,925	0.70	4.52
30	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
30	18	12,000	12,000	1.00	3.77	11,625	11,625	1.00	4.06	10,875	10,875	1.00	4.37
30	20	13,000	11,700	0.90	3.87	12,500	11,250	0.90	4.14	11,750	10,575	0.90	4.44
30	22	14,000	10,920	0.78	3.94	13,500	10,530	0.78	4.25	12,750	9,945	0.78	4.52
32	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
32	18	12,000	12,000	1.00	3.77	11,625	11,625	1.00	4.06	10,875	10,875	1.00	4.37
32	20	13,000	12,740	0.98	3.87	12,500	12,250	0.98	4.14	11,750	11,515	0.98	4.44
32	22	14,000	12,040	0.86	3.94	13,500	11,610	0.86	4.25	12,750	10,965	0.86	4.52
34	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
34	18	12,000	12,000	1.00	3.77	11,625	11,625	1.00	4.06	10,875	10,875	1.00	4.37
34	20	13,000	13,000	1.00	3.87	12,500	12,500	1.00	4.14	11,750	11,750	1.00	4.44
34	22	14,000	13,160	0.94	3.94	13,500	12,690	0.94	4.25	12,750	11,985	0.94	4.52

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M140JAL / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

CEILING-CONCEALED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	3.43	12,864	9,519	0.74	3.63	12,462	9,222	0.74	3.84
20	18	14,204	8,806	0.62	3.50	13,802	8,557	0.62	3.69	13,333	8,266	0.62	3.95
20	20	15,276	7,638	0.50	3.60	14,941	7,471	0.50	3.78	14,539	7,270	0.50	4.03
22	16	13,266	10,878	0.82	3.43	12,864	10,548	0.82	3.63	12,462	10,219	0.82	3.84
22	18	14,204	9,943	0.70	3.50	13,802	9,661	0.70	3.69	13,333	9,333	0.70	3.95
22	20	15,276	8,860	0.58	3.60	14,941	8,666	0.58	3.78	14,539	8,433	0.58	4.03
24	16	13,266	11,939	0.90	3.43	12,864	11,578	0.90	3.63	12,462	11,216	0.90	3.84
24	18	14,204	11,079	0.78	3.50	13,802	10,766	0.78	3.69	13,333	10,400	0.78	3.95
24	20	15,276	10,082	0.66	3.60	14,941	9,861	0.66	3.78	14,539	9,596	0.66	4.03
24	22	16,281	8,792	0.54	3.69	15,946	8,611	0.54	3.90	15,544	8,394	0.54	4.16
26	16	13,266	13,001	0.98	3.43	12,864	12,607	0.98	3.63	12,462	12,213	0.98	3.84
26	18	14,204	12,215	0.86	3.50	13,802	11,870	0.86	3.69	13,333	11,466	0.86	3.95
26	20	15,276	11,304	0.74	3.60	14,941	11,056	0.74	3.78	14,539	10,759	0.74	4.03
26	22	16,281	10,094	0.62	3.69	15,946	9,887	0.62	3.90	15,544	9,637	0.62	4.16
27	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
27	18	14,204	12,784	0.90	3.50	13,802	12,422	0.90	3.69	13,333	12,000	0.90	3.95
27	20	15,276	11,915	0.78	3.60	14,941	11,654	0.78	3.78	14,539	11,340	0.78	4.03
27	22	16,281	10,745	0.66	3.69	15,946	10,524	0.66	3.90	15,544	10,259	0.66	4.16
28	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
28	18	14,204	13,352	0.94	3.50	13,802	12,974	0.94	3.69	13,333	12,533	0.94	3.95
28	20	15,276	12,526	0.82	3.60	14,941	12,252	0.82	3.78	14,539	11,922	0.82	4.03
28	22	16,281	11,397	0.70	3.69	15,946	11,162	0.70	3.90	15,544	10,881	0.70	4.16
30	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
30	18	14,204	14,204	1.00	3.50	13,802	13,802	1.00	3.69	13,333	13,333	1.00	3.95
30	20	15,276	13,748	0.90	3.60	14,941	13,447	0.90	3.78	14,539	13,085	0.90	4.03
30	22	16,281	12,699	0.78	3.69	15,946	12,438	0.78	3.90	15,544	12,124	0.78	4.16
32	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
32	18	14,204	14,204	1.00	3.50	13,802	13,802	1.00	3.69	13,333	13,333	1.00	3.95
32	20	15,276	14,970	0.98	3.60	14,941	14,642	0.98	3.78	14,539	14,248	0.98	4.03
32	22	16,281	14,002	0.86	3.69	15,946	13,714	0.86	3.90	15,544	13,368	0.86	4.16
34	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
34	18	14,204	14,204	1.00	3.50	13,802	13,802	1.00	3.69	13,333	13,333	1.00	3.95
34	20	15,276	15,276	1.00	3.60	14,941	14,941	1.00	3.78	14,539	14,539	1.00	4.03
34	22	16,281	15,304	0.94	3.69	15,946	14,989	0.94	3.90	15,544	14,611	0.94	4.16

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	4.12	11,390	8,429	0.74	4.42	10,854	8,032	0.74	4.78
20	18	12,864	7,976	0.62	4.23	12,462	7,726	0.62	4.55	11,658	7,228	0.62	4.89
20	20	13,936	6,968	0.50	4.33	13,400	6,700	0.50	4.63	12,596	6,298	0.50	4.98
22	16	11,926	9,779	0.82	4.12	11,390	9,340	0.82	4.42	10,854	8,900	0.82	4.78
22	18	12,864	9,005	0.70	4.23	12,462	8,723	0.70	4.55	11,658	8,161	0.70	4.89
22	20	13,936	8,083	0.58	4.33	13,400	7,772	0.58	4.63	12,596	7,306	0.58	4.98
24	16	11,926	10,733	0.90	4.12	11,390	10,251	0.90	4.42	10,854	9,769	0.90	4.78
24	18	12,864	10,034	0.78	4.23	12,462	9,720	0.78	4.55	11,658	9,093	0.78	4.89
24	20	13,936	9,198	0.66	4.33	13,400	8,844	0.66	4.63	12,596	8,313	0.66	4.98
24	22	15,008	8,104	0.54	4.42	14,472	7,815	0.54	4.76	13,668	7,381	0.54	5.06
26	16	11,926	11,687	0.98	4.12	11,390	11,162	0.98	4.42	10,854	10,637	0.98	4.78
26	18	12,864	11,063	0.86	4.23	12,462	10,717	0.86	4.55	11,658	10,026	0.86	4.89
26	20	13,936	10,313	0.74	4.33	13,400	9,916	0.74	4.63	12,596	9,321	0.74	4.98
26	22	15,008	9,305	0.62	4.42	14,472	8,973	0.62	4.76	13,668	8,474	0.62	5.06
27	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
27	18	12,864	11,578	0.90	4.23	12,462	11,216	0.90	4.55	11,658	10,492	0.90	4.89
27	20	13,936	10,870	0.78	4.33	13,400	10,452	0.78	4.63	12,596	9,825	0.78	4.98
27	22	15,008	9,905	0.66	4.42	14,472	9,552	0.66	4.76	13,668	9,021	0.66	5.06
28	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
28	18	12,864	12,092	0.94	4.23	12,462	11,714	0.94	4.55	11,658	10,959	0.94	4.89
28	20	13,936	11,428	0.82	4.33	13,400	10,988	0.82	4.63	12,596	10,329	0.82	4.98
28	22	15,008	10,506	0.70	4.42	14,472	10,130	0.70	4.76	13,668	9,568	0.70	5.06
30	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
30	18	12,864	12,864	1.00	4.23	12,462	12,462	1.00	4.55	11,658	11,658	1.00	4.89
30	20	13,936	12,542	0.90	4.33	13,400	12,060	0.90	4.63	12,596	11,336	0.90	4.98
30	22	15,008	11,706	0.78	4.42	14,472	11,288	0.78	4.76	13,668	10,661	0.78	5.06
32	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
32	18	12,864	12,864	1.00	4.23	12,462	12,462	1.00	4.55	11,658	11,658	1.00	4.89
32	20	13,936	13,657	0.98	4.33	13,400	13,132	0.98	4.63	12,596	12,344	0.98	4.98
32	22	15,008	12,907	0.86	4.42	14,472	12,446	0.86	4.76	13,668	11,754	0.86	5.06
34	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
34	18	12,864	12,864	1.00	4.23	12,462	12,462	1.00	4.55	11,658	11,658	1.00	4.89
34	20	13,936	13,936	1.00	4.33	13,400	13,400	1.00	4.63	12,596	12,596	1.00	4.98
34	22	15,008	14,108	0.94	4.42	14,472	13,604	0.94	4.76	13,668	12,848	0.94	5.06

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JA / SUZ-KA35VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,834	0.67	0.840	4,050	2,714	0.67	0.882	3,888	2,605	0.67	0.924	3,744	2,508	0.67	0.966
21	20	4,410	2,426	0.55	0.882	4,230	2,327	0.55	0.935	4,104	2,257	0.55	0.956	3,960	2,178	0.55	0.998
22	18	4,230	3,003	0.71	0.840	4,050	2,876	0.71	0.882	3,888	2,760	0.71	0.924	3,744	2,658	0.71	0.966
22	20	4,410	2,602	0.59	0.882	4,230	2,496	0.59	0.935	4,104	2,421	0.59	0.956	3,960	2,336	0.59	0.998
22	22	4,590	2,157	0.47	0.914	4,428	2,081	0.47	0.971	4,320	2,030	0.47	0.998	4,140	1,946	0.47	1.040
23	18	4,230	3,173	0.75	0.840	4,050	3,038	0.75	0.882	3,888	2,916	0.75	0.924	3,744	2,808	0.75	0.966
23	20	4,410	2,778	0.63	0.882	4,230	2,665	0.63	0.935	4,104	2,586	0.63	0.956	3,960	2,495	0.63	0.998
23	22	4,590	2,341	0.51	0.914	4,428	2,258	0.51	0.971	4,320	2,203	0.51	0.998	4,140	2,111	0.51	1.040
24	18	4,230	3,342	0.79	0.840	4,050	3,200	0.79	0.882	3,888	3,072	0.79	0.924	3,744	2,958	0.79	0.966
24	20	4,410	2,955	0.67	0.882	4,230	2,834	0.67	0.935	4,104	2,750	0.67	0.956	3,960	2,653	0.67	0.998
24	22	4,590	2,525	0.55	0.914	4,428	2,435	0.55	0.971	4,320	2,376	0.55	0.998	4,140	2,277	0.55	1.040
24	24	4,824	2,074	0.43	0.956	4,644	1,997	0.43	1.008	4,536	1,950	0.43	1.040	4,392	1,889	0.43	1.092
25	20	4,410	3,131	0.71	0.882	4,230	3,003	0.71	0.935	4,104	2,914	0.71	0.956	3,960	2,812	0.71	0.998
25	22	4,590	2,708	0.59	0.914	4,428	2,613	0.59	0.971	4,320	2,549	0.59	0.998	4,140	2,443	0.59	1.040
25	24	4,824	2,267	0.47	0.956	4,644	2,183	0.47	1.008	4,536	2,132	0.47	1.040	4,392	2,064	0.47	1.092
26	18	4,230	3,680	0.87	0.840	4,050	3,524	0.87	0.882	3,888	3,383	0.87	0.924	3,744	3,257	0.87	0.966
26	20	4,410	3,308	0.75	0.882	4,230	3,173	0.75	0.935	4,104	3,078	0.75	0.956	3,960	2,970	0.75	0.998
26	22	4,590	2,892	0.63	0.914	4,428	2,790	0.63	0.971	4,320	2,722	0.63	0.998	4,140	2,608	0.63	1.040
26	24	4,824	2,460	0.51	0.956	4,644	2,368	0.51	1.008	4,536	2,313	0.51	1.040	4,392	2,240	0.51	1.092
26	26	4,968	1,938	0.39	1.008	4,824	1,881	0.39	1.061	4,752	1,853	0.39	1.092	4,608	1,797	0.39	1.124
27	18	4,230	3,849	0.91	0.840	4,050	3,686	0.91	0.882	3,888	3,538	0.91	0.924	3,744	3,407	0.91	0.966
27	20	4,410	3,484	0.79	0.882	4,230	3,342	0.79	0.935	4,104	3,242	0.79	0.956	3,960	3,128	0.79	0.998
27	22	4,590	3,075	0.67	0.914	4,428	2,967	0.67	0.971	4,320	2,894	0.67	0.998	4,140	2,774	0.67	1.040
27	24	4,824	2,653	0.55	0.956	4,644	2,554	0.55	1.008	4,536	2,495	0.55	1.040	4,392	2,416	0.55	1.092
27	26	4,968	2,136	0.43	1.008	4,824	2,074	0.43	1.061	4,752	2,043	0.43	1.092	4,608	1,981	0.43	1.124
28	18	4,230	4,019	0.95	0.840	4,050	3,848	0.95	0.882	3,888	3,694	0.95	0.924	3,744	3,557	0.95	0.966
28	20	4,410	3,660	0.83	0.882	4,230	3,511	0.83	0.935	4,104	3,406	0.83	0.956	3,960	3,287	0.83	0.998
28	22	4,590	3,259	0.71	0.914	4,428	3,144	0.71	0.971	4,320	3,067	0.71	0.998	4,140	2,939	0.71	1.040
28	24	4,824	2,846	0.59	0.956	4,644	2,740	0.59	1.008	4,536	2,676	0.59	1.040	4,392	2,591	0.59	1.092
28	26	4,968	2,335	0.47	1.008	4,824	2,267	0.47	1.061	4,752	2,233	0.47	1.092	4,608	2,166	0.47	1.124
29	18	4,230	4,188	0.99	0.840	4,050	4,010	0.99	0.882	3,888	3,849	0.99	0.924	3,744	3,707	0.99	0.966
29	20	4,410	3,837	0.87	0.882	4,230	3,680	0.87	0.935	4,104	3,570	0.87	0.956	3,960	3,445	0.87	0.998
29	22	4,590	3,443	0.75	0.914	4,428	3,321	0.75	0.971	4,320	3,240	0.75	0.998	4,140	3,105	0.75	1.040
29	24	4,824	3,039	0.63	0.956	4,644	2,926	0.63	1.008	4,536	2,858	0.63	1.040	4,392	2,767	0.63	1.092
29	26	4,968	2,534	0.51	1.008	4,824	2,460	0.51	1.061	4,752	2,424	0.51	1.092	4,608	2,350	0.51	1.124
30	18	4,230	4,357	1.03	0.840	4,050	4,172	1.03	0.882	3,888	4,005	1.03	0.924	3,744	3,856	1.03	0.966
30	20	4,410	4,013	0.91	0.882	4,230	3,849	0.91	0.935	4,104	3,735	0.91	0.956	3,960	3,604	0.91	0.998
30	22	4,590	3,626	0.79	0.914	4,428	3,498	0.79	0.971	4,320	3,413	0.79	0.998	4,140	3,271	0.79	1.040
30	24	4,824	3,232	0.67	0.956	4,644	3,111	0.67	1.008	4,536	3,039	0.67	1.040	4,392	2,943	0.67	1.092
30	26	4,968	2,732	0.55	1.008	4,824	2,653	0.55	1.061	4,752	2,614	0.55	1.092	4,608	2,534	0.55	1.124
31	18	4,230	4,526	1.07	0.840	4,050	4,334	1.07	0.882	3,888	4,160	1.07	0.924	3,744	4,006	1.07	0.966
31	20	4,410	4,190	0.95	0.882	4,230	4,019	0.95	0.935	4,104	3,899	0.95	0.956	3,960	3,762	0.95	0.998
31	22	4,590	3,810	0.83	0.914	4,428	3,675	0.83	0.971	4,320	3,586	0.83	0.998	4,140	3,436	0.83	1.040
31	24	4,824	3,425	0.71	0.956	4,644	3,297	0.71	1.008	4,536	3,221	0.71	1.040	4,392	3,118	0.71	1.092
31	26	4,968	2,931	0.59	1.008	4,824	2,846	0.59	1.061	4,752	2,804	0.59	1.092	4,608	2,719	0.59	1.124
32	18	4,230	4,695	1.11	0.840	4,050	4,496	1.11	0.882	3,888	4,316	1.11	0.924	3,744	4,156	1.11	0.966
32	20	4,410	4,366	0.99	0.882	4,230	4,188	0.99	0.935	4,104	4,063	0.99	0.956	3,960	3,920	0.99	0.998
32	22	4,590	3,993	0.87	0.914	4,428	3,852	0.87	0.971	4,320	3,758	0.87	0.998	4,140	3,602	0.87	1.040
32	24	4,824	3,618	0.75	0.956	4,644	3,483	0.75	1.008	4,536	3,402	0.75	1.040	4,392	3,294	0.75	1.092
32	26	4,968	3,130	0.63	1.008	4,824	3,039	0.63	1.061	4,752	2,994	0.63	1.092	4,608	2,903	0.63	1.124

CEILING-
CONCEALED
PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JA / SUZ-KA35VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,364	0.67	1.029	3,240	2,171	0.67	1.092	2,988	2,002	0.67	1.134
21	20	3,708	2,039	0.55	1.071	3,456	1,901	0.55	1.124	3,204	1,762	0.55	1.187
22	18	3,528	2,505	0.71	1.029	3,240	2,300	0.71	1.092	2,988	2,121	0.71	1.134
22	20	3,708	2,188	0.59	1.071	3,456	2,039	0.59	1.124	3,204	1,890	0.59	1.187
22	22	3,924	1,844	0.47	1.113	3,672	1,726	0.47	1.176	3,420	1,607	0.47	1.218
23	18	3,528	2,646	0.75	1.029	3,240	2,430	0.75	1.092	2,988	2,241	0.75	1.134
23	20	3,708	2,336	0.63	1.071	3,456	2,177	0.63	1.124	3,204	2,019	0.63	1.187
23	22	3,924	2,001	0.51	1.113	3,672	1,873	0.51	1.176	3,420	1,744	0.51	1.218
24	18	3,528	2,787	0.79	1.029	3,240	2,560	0.79	1.092	2,988	2,361	0.79	1.134
24	20	3,708	2,484	0.67	1.071	3,456	2,316	0.67	1.124	3,204	2,147	0.67	1.187
24	22	3,924	2,158	0.55	1.113	3,672	2,020	0.55	1.176	3,420	1,881	0.55	1.218
24	24	4,140	1,780	0.43	1.155	3,888	1,672	0.43	1.208	3,672	1,579	0.43	1.260
25	20	3,708	2,633	0.71	1.071	3,456	2,454	0.71	1.124	3,204	2,275	0.71	1.187
25	22	3,924	2,315	0.59	1.113	3,672	2,166	0.59	1.176	3,420	2,018	0.59	1.218
25	24	4,140	1,946	0.47	1.155	3,888	1,827	0.47	1.208	3,672	1,726	0.47	1.260
26	18	3,528	3,069	0.87	1.029	3,240	2,819	0.87	1.092	2,988	2,600	0.87	1.134
26	20	3,708	2,781	0.75	1.071	3,456	2,592	0.75	1.124	3,204	2,403	0.75	1.187
26	22	3,924	2,472	0.63	1.113	3,672	2,313	0.63	1.176	3,420	2,155	0.63	1.218
26	24	4,140	2,111	0.51	1.155	3,888	1,983	0.51	1.208	3,672	1,873	0.51	1.260
26	26	4,356	1,699	0.39	1.197	4,104	1,601	0.39	1.250	3,852	1,502	0.39	1.302
27	18	3,528	3,210	0.91	1.029	3,240	2,948	0.91	1.092	2,988	2,719	0.91	1.134
27	20	3,708	2,929	0.79	1.071	3,456	2,730	0.79	1.124	3,204	2,531	0.79	1.187
27	22	3,924	2,629	0.67	1.113	3,672	2,460	0.67	1.176	3,420	2,291	0.67	1.218
27	24	4,140	2,277	0.55	1.155	3,888	2,138	0.55	1.208	3,672	2,020	0.55	1.260
27	26	4,356	1,873	0.43	1.197	4,104	1,765	0.43	1.250	3,852	1,656	0.43	1.302
28	18	3,528	3,352	0.95	1.029	3,240	3,078	0.95	1.092	2,988	2,839	0.95	1.134
28	20	3,708	3,078	0.83	1.071	3,456	2,868	0.83	1.124	3,204	2,659	0.83	1.187
28	22	3,924	2,786	0.71	1.113	3,672	2,607	0.71	1.176	3,420	2,428	0.71	1.218
28	24	4,140	2,443	0.59	1.155	3,888	2,294	0.59	1.208	3,672	2,166	0.59	1.260
28	26	4,356	2,047	0.47	1.197	4,104	1,929	0.47	1.250	3,852	1,810	0.47	1.302
29	18	3,528	3,493	0.99	1.029	3,240	3,208	0.99	1.092	2,988	2,958	0.99	1.134
29	20	3,708	3,226	0.87	1.071	3,456	3,007	0.87	1.124	3,204	2,787	0.87	1.187
29	22	3,924	2,943	0.75	1.113	3,672	2,754	0.75	1.176	3,420	2,565	0.75	1.218
29	24	4,140	2,608	0.63	1.155	3,888	2,449	0.63	1.208	3,672	2,313	0.63	1.260
29	26	4,356	2,222	0.51	1.197	4,104	2,093	0.51	1.250	3,852	1,965	0.51	1.302
30	18	3,528	3,634	1.03	1.029	3,240	3,337	1.03	1.092	2,988	3,078	1.03	1.134
30	20	3,708	3,374	0.91	1.071	3,456	3,145	0.91	1.124	3,204	2,916	0.91	1.187
30	22	3,924	3,100	0.79	1.113	3,672	2,901	0.79	1.176	3,420	2,702	0.79	1.218
30	24	4,140	2,774	0.67	1.155	3,888	2,605	0.67	1.208	3,672	2,460	0.67	1.260
30	26	4,356	2,396	0.55	1.197	4,104	2,257	0.55	1.250	3,852	2,119	0.55	1.302
31	18	3,528	3,775	1.07	1.029	3,240	3,467	1.07	1.092	2,988	3,197	1.07	1.134
31	20	3,708	3,523	0.95	1.071	3,456	3,283	0.95	1.124	3,204	3,044	0.95	1.187
31	22	3,924	3,257	0.83	1.113	3,672	3,048	0.83	1.176	3,420	2,839	0.83	1.218
31	24	4,140	2,939	0.71	1.155	3,888	2,760	0.71	1.208	3,672	2,607	0.71	1.260
31	26	4,356	2,570	0.59	1.197	4,104	2,421	0.59	1.250	3,852	2,273	0.59	1.302
32	18	3,528	3,916	1.11	1.029	3,240	3,596	1.11	1.092	2,988	3,317	1.11	1.134
32	20	3,708	3,671	0.99	1.071	3,456	3,421	0.99	1.124	3,204	3,172	0.99	1.187
32	22	3,924	3,414	0.87	1.113	3,672	3,195	0.87	1.176	3,420	2,975	0.87	1.218
32	24	4,140	3,105	0.75	1.155	3,888	2,916	0.75	1.208	3,672	2,754	0.75	1.260
32	26	4,356	2,744	0.63	1.197	4,104	2,586	0.63	1.250	3,852	2,427	0.63	1.302

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JA / SUZ-KA50VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,758	3,858	0.67	1.184	5,513	3,693	0.67	1.243	5,292	3,546	0.67	1.302	5,096	3,414	0.67	1.362
21	20	6,003	3,301	0.55	1.243	5,758	3,167	0.55	1.317	5,586	3,072	0.55	1.347	5,390	2,965	0.55	1.406
22	18	5,758	4,088	0.71	1.184	5,513	3,914	0.71	1.243	5,292	3,757	0.71	1.302	5,096	3,618	0.71	1.362
22	20	6,003	3,541	0.59	1.243	5,758	3,397	0.59	1.317	5,586	3,296	0.59	1.347	5,390	3,180	0.59	1.406
22	22	6,248	2,936	0.47	1.288	6,027	2,833	0.47	1.369	5,880	2,764	0.47	1.406	5,635	2,648	0.47	1.465
23	18	5,758	4,318	0.75	1.184	5,513	4,134	0.75	1.243	5,292	3,969	0.75	1.302	5,096	3,822	0.75	1.362
23	20	6,003	3,782	0.63	1.243	5,758	3,627	0.63	1.317	5,586	3,519	0.63	1.347	5,390	3,396	0.63	1.406
23	22	6,248	3,186	0.51	1.288	6,027	3,074	0.51	1.369	5,880	2,999	0.51	1.406	5,635	2,874	0.51	1.465
24	18	5,758	4,548	0.79	1.184	5,513	4,355	0.79	1.243	5,292	4,181	0.79	1.302	5,096	4,026	0.79	1.362
24	20	6,003	4,022	0.67	1.243	5,758	3,858	0.67	1.317	5,586	3,743	0.67	1.347	5,390	3,611	0.67	1.406
24	22	6,248	3,436	0.55	1.288	6,027	3,315	0.55	1.369	5,880	3,234	0.55	1.406	5,635	3,099	0.55	1.465
24	24	6,566	2,823	0.43	1.347	6,321	2,718	0.43	1.421	6,174	2,655	0.43	1.465	5,978	2,571	0.43	1.539
25	20	6,003	4,262	0.71	1.243	5,758	4,088	0.71	1.317	5,586	3,966	0.71	1.347	5,390	3,827	0.71	1.406
25	22	6,248	3,686	0.59	1.288	6,027	3,556	0.59	1.369	5,880	3,469	0.59	1.406	5,635	3,325	0.59	1.465
25	24	6,566	3,086	0.47	1.347	6,321	2,971	0.47	1.421	6,174	2,902	0.47	1.465	5,978	2,810	0.47	1.539
26	18	5,758	5,009	0.87	1.184	5,513	4,796	0.87	1.243	5,292	4,604	0.87	1.302	5,096	4,434	0.87	1.362
26	20	6,003	4,502	0.75	1.243	5,758	4,318	0.75	1.317	5,586	4,190	0.75	1.347	5,390	4,043	0.75	1.406
26	22	6,248	3,936	0.63	1.288	6,027	3,797	0.63	1.369	5,880	3,704	0.63	1.406	5,635	3,550	0.63	1.465
26	24	6,566	3,349	0.51	1.347	6,321	3,224	0.51	1.421	6,174	3,149	0.51	1.465	5,978	3,049	0.51	1.539
26	26	6,762	2,637	0.39	1.421	6,566	2,561	0.39	1.495	6,468	2,523	0.39	1.539	6,272	2,446	0.39	1.584
27	18	5,758	5,239	0.91	1.184	5,513	5,016	0.91	1.243	5,292	4,816	0.91	1.302	5,096	4,637	0.91	1.362
27	20	6,003	4,742	0.79	1.243	5,758	4,548	0.79	1.317	5,586	4,413	0.79	1.347	5,390	4,258	0.79	1.406
27	22	6,248	4,186	0.67	1.288	6,027	4,038	0.67	1.369	5,880	3,940	0.67	1.406	5,635	3,775	0.67	1.465
27	24	6,566	3,611	0.55	1.347	6,321	3,477	0.55	1.421	6,174	3,396	0.55	1.465	5,978	3,288	0.55	1.539
27	26	6,762	2,908	0.43	1.421	6,566	2,823	0.43	1.495	6,468	2,781	0.43	1.539	6,272	2,697	0.43	1.584
28	18	5,758	5,470	0.95	1.184	5,513	5,237	0.95	1.243	5,292	5,027	0.95	1.302	5,096	4,841	0.95	1.362
28	20	6,003	4,982	0.83	1.243	5,758	4,779	0.83	1.317	5,586	4,636	0.83	1.347	5,390	4,474	0.83	1.406
28	22	6,248	4,436	0.71	1.288	6,027	4,279	0.71	1.369	5,880	4,175	0.71	1.406	5,635	4,001	0.71	1.465
28	24	6,566	3,874	0.59	1.347	6,321	3,729	0.59	1.421	6,174	3,643	0.59	1.465	5,978	3,527	0.59	1.539
28	26	6,762	3,178	0.47	1.421	6,566	3,086	0.47	1.495	6,468	3,040	0.47	1.539	6,272	2,948	0.47	1.584
29	18	5,758	5,700	0.99	1.184	5,513	5,457	0.99	1.243	5,292	5,239	0.99	1.302	5,096	5,045	0.99	1.362
29	20	6,003	5,222	0.87	1.243	5,758	5,009	0.87	1.317	5,586	4,860	0.87	1.347	5,390	4,689	0.87	1.406
29	22	6,248	4,686	0.75	1.288	6,027	4,520	0.75	1.369	5,880	4,410	0.75	1.406	5,635	4,226	0.75	1.465
29	24	6,566	4,137	0.63	1.347	6,321	3,982	0.63	1.421	6,174	3,890	0.63	1.465	5,978	3,766	0.63	1.539
29	26	6,762	3,449	0.51	1.421	6,566	3,349	0.51	1.495	6,468	3,299	0.51	1.539	6,272	3,199	0.51	1.584
30	18	5,758	5,930	1.03	1.184	5,513	5,678	1.03	1.243	5,292	5,451	1.03	1.302	5,096	5,249	1.03	1.362
30	20	6,003	5,462	0.91	1.243	5,758	5,239	0.91	1.317	5,586	5,083	0.91	1.347	5,390	4,905	0.91	1.406
30	22	6,248	4,936	0.79	1.288	6,027	4,761	0.79	1.369	5,880	4,645	0.79	1.406	5,635	4,452	0.79	1.465
30	24	6,566	4,399	0.67	1.347	6,321	4,235	0.67	1.421	6,174	4,137	0.67	1.465	5,978	4,005	0.67	1.539
30	26	6,762	3,719	0.55	1.421	6,566	3,611	0.55	1.495	6,468	3,557	0.55	1.539	6,272	3,450	0.55	1.584
31	18	5,758	6,161	1.07	1.184	5,513	5,898	1.07	1.243	5,292	5,662	1.07	1.302	5,096	5,453	1.07	1.362
31	20	6,003	5,702	0.95	1.243	5,758	5,470	0.95	1.317	5,586	5,307	0.95	1.347	5,390	5,121	0.95	1.406
31	22	6,248	5,185	0.83	1.288	6,027	5,002	0.83	1.369	5,880	4,880	0.83	1.406	5,635	4,677	0.83	1.465
31	24	6,566	4,662	0.71	1.347	6,321	4,488	0.71	1.421	6,174	4,384	0.71	1.465	5,978	4,244	0.71	1.539
31	26	6,762	3,990	0.59	1.421	6,566	3,874	0.59	1.495	6,468	3,816	0.59	1.539	6,272	3,700	0.59	1.584
32	18	5,758	6,391	1.11	1.184	5,513	6,119	1.11	1.243	5,292	5,874	1.11	1.302	5,096	5,657	1.11	1.362
32	20	6,003	5,942	0.99	1.243	5,758	5,700	0.99	1.317	5,586	5,530	0.99	1.347	5,390	5,336	0.99	1.406
32	22	6,248	5,435	0.87	1.288	6,027	5,243	0.87	1.369	5,880	5,116	0.87	1.406	5,635	4,902	0.87	1.465
32	24	6,566	4,925	0.75	1.347	6,321	4,741	0.75	1.421	6,174	4,631	0.75	1.465	5,978	4,484	0.75	1.539
32	26	6,762	4,260	0.63	1.421	6,566	4,137	0.63	1.495	6,468	4,075	0.63	1.539	6,272	3,951	0.63	1.584

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JA / SUZ-KA50VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,802	3,217	0.67	1,450	4,410	2,955	0.67	1,539	4,067	2,725	0.67	1,598
21	20	5,047	2,776	0.55	1,510	4,704	2,587	0.55	1,584	4,361	2,399	0.55	1,672
22	18	4,802	3,409	0.71	1,450	4,410	3,131	0.71	1,539	4,067	2,888	0.71	1,598
22	20	5,047	2,978	0.59	1,510	4,704	2,775	0.59	1,584	4,361	2,573	0.59	1,672
22	22	5,341	2,510	0.47	1,569	4,998	2,349	0.47	1,658	4,655	2,188	0.47	1,717
23	18	4,802	3,602	0.75	1,450	4,410	3,308	0.75	1,539	4,067	3,050	0.75	1,598
23	20	5,047	3,180	0.63	1,510	4,704	2,964	0.63	1,584	4,361	2,747	0.63	1,672
23	22	5,341	2,724	0.51	1,569	4,998	2,549	0.51	1,658	4,655	2,374	0.51	1,717
24	18	4,802	3,794	0.79	1,450	4,410	3,484	0.79	1,539	4,067	3,213	0.79	1,598
24	20	5,047	3,381	0.67	1,510	4,704	3,152	0.67	1,584	4,361	2,922	0.67	1,672
24	22	5,341	2,938	0.55	1,569	4,998	2,749	0.55	1,658	4,655	2,560	0.55	1,717
24	24	5,635	2,423	0.43	1,628	5,292	2,276	0.43	1,702	4,998	2,149	0.43	1,776
25	20	5,047	3,583	0.71	1,510	4,704	3,340	0.71	1,584	4,361	3,096	0.71	1,672
25	22	5,341	3,151	0.59	1,569	4,998	2,949	0.59	1,658	4,655	2,746	0.59	1,717
25	24	5,635	2,648	0.47	1,628	5,292	2,487	0.47	1,702	4,998	2,349	0.47	1,776
26	18	4,802	4,178	0.87	1,450	4,410	3,837	0.87	1,539	4,067	3,538	0.87	1,598
26	20	5,047	3,785	0.75	1,510	4,704	3,528	0.75	1,584	4,361	3,271	0.75	1,672
26	22	5,341	3,365	0.63	1,569	4,998	3,149	0.63	1,658	4,655	2,933	0.63	1,717
26	24	5,635	2,874	0.51	1,628	5,292	2,699	0.51	1,702	4,998	2,549	0.51	1,776
26	26	5,929	2,312	0.39	1,687	5,586	2,179	0.39	1,761	5,243	2,045	0.39	1,835
27	18	4,802	4,370	0.91	1,450	4,410	4,013	0.91	1,539	4,067	3,701	0.91	1,598
27	20	5,047	3,987	0.79	1,510	4,704	3,716	0.79	1,584	4,361	3,445	0.79	1,672
27	22	5,341	3,578	0.67	1,569	4,998	3,349	0.67	1,658	4,655	3,119	0.67	1,717
27	24	5,635	3,099	0.55	1,628	5,292	2,911	0.55	1,702	4,998	2,749	0.55	1,776
27	26	5,929	2,549	0.43	1,687	5,586	2,402	0.43	1,761	5,243	2,254	0.43	1,835
28	18	4,802	4,562	0.95	1,450	4,410	4,190	0.95	1,539	4,067	3,864	0.95	1,598
28	20	5,047	4,189	0.83	1,510	4,704	3,904	0.83	1,584	4,361	3,620	0.83	1,672
28	22	5,341	3,792	0.71	1,569	4,998	3,549	0.71	1,658	4,655	3,305	0.71	1,717
28	24	5,635	3,325	0.59	1,628	5,292	3,122	0.59	1,702	4,998	2,949	0.59	1,776
28	26	5,929	2,787	0.47	1,687	5,586	2,625	0.47	1,761	5,243	2,464	0.47	1,835
29	18	4,802	4,754	0.99	1,450	4,410	4,366	0.99	1,539	4,067	4,026	0.99	1,598
29	20	5,047	4,391	0.87	1,510	4,704	4,092	0.87	1,584	4,361	3,794	0.87	1,672
29	22	5,341	4,006	0.75	1,569	4,998	3,749	0.75	1,658	4,655	3,491	0.75	1,717
29	24	5,635	3,550	0.63	1,628	5,292	3,334	0.63	1,702	4,998	3,149	0.63	1,776
29	26	5,929	3,024	0.51	1,687	5,586	2,849	0.51	1,761	5,243	2,674	0.51	1,835
30	18	4,802	4,946	1.03	1,450	4,410	4,542	1.03	1,539	4,067	4,189	1.03	1,598
30	20	5,047	4,593	0.91	1,510	4,704	4,281	0.91	1,584	4,361	3,969	0.91	1,672
30	22	5,341	4,219	0.79	1,569	4,998	3,948	0.79	1,658	4,655	3,677	0.79	1,717
30	24	5,635	3,775	0.67	1,628	5,292	3,546	0.67	1,702	4,998	3,349	0.67	1,776
30	26	5,929	3,261	0.55	1,687	5,586	3,072	0.55	1,761	5,243	2,884	0.55	1,835
31	18	4,802	5,138	1.07	1,450	4,410	4,719	1.07	1,539	4,067	4,352	1.07	1,598
31	20	5,047	4,795	0.95	1,510	4,704	4,469	0.95	1,584	4,361	4,143	0.95	1,672
31	22	5,341	4,433	0.83	1,569	4,998	4,148	0.83	1,658	4,655	3,864	0.83	1,717
31	24	5,635	4,001	0.71	1,628	5,292	3,757	0.71	1,702	4,998	3,549	0.71	1,776
31	26	5,929	3,498	0.59	1,687	5,586	3,296	0.59	1,761	5,243	3,093	0.59	1,835
32	18	4,802	5,330	1.11	1,450	4,410	4,895	1.11	1,539	4,067	4,514	1.11	1,598
32	20	5,047	4,997	0.99	1,510	4,704	4,657	0.99	1,584	4,361	4,317	0.99	1,672
32	22	5,341	4,647	0.87	1,569	4,998	4,348	0.87	1,658	4,655	4,050	0.87	1,717
32	24	5,635	4,226	0.75	1,628	5,292	3,969	0.75	1,702	4,998	3,749	0.75	1,776
32	26	5,929	3,735	0.63	1,687	5,586	3,519	0.63	1,761	5,243	3,303	0.63	1,835

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M60JA / SUZ-KA60VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	4,554	0.68	1.336	6,413	4,361	0.68	1.403	6,156	4,186	0.68	1.470	5,928	4,031	0.68	1.536
21	20	6,983	3,910	0.56	1.403	6,698	3,751	0.56	1.486	6,498	3,639	0.56	1.520	6,270	3,511	0.56	1.587
22	18	6,698	4,822	0.72	1.336	6,413	4,617	0.72	1.403	6,156	4,432	0.72	1.470	5,928	4,268	0.72	1.536
22	20	6,983	4,190	0.60	1.403	6,698	4,019	0.60	1.486	6,498	3,899	0.60	1.520	6,270	3,762	0.60	1.587
22	22	7,268	3,488	0.48	1.453	7,011	3,365	0.48	1.545	6,840	3,283	0.48	1.587	6,555	3,146	0.48	1.653
23	18	6,698	5,090	0.76	1.336	6,413	4,874	0.76	1.403	6,156	4,679	0.76	1.470	5,928	4,505	0.76	1.536
23	20	6,983	4,469	0.64	1.403	6,698	4,286	0.64	1.486	6,498	4,159	0.64	1.520	6,270	4,013	0.64	1.587
23	22	7,268	3,779	0.52	1.453	7,011	3,646	0.52	1.545	6,840	3,557	0.52	1.587	6,555	3,409	0.52	1.653
24	18	6,698	5,358	0.80	1.336	6,413	5,130	0.80	1.403	6,156	4,925	0.80	1.470	5,928	4,742	0.80	1.536
24	20	6,983	4,748	0.68	1.403	6,698	4,554	0.68	1.486	6,498	4,419	0.68	1.520	6,270	4,264	0.68	1.587
24	22	7,268	4,070	0.56	1.453	7,011	3,926	0.56	1.545	6,840	3,830	0.56	1.587	6,555	3,671	0.56	1.653
24	24	7,638	3,361	0.44	1.520	7,353	3,235	0.44	1.603	7,182	3,160	0.44	1.653	6,954	3,060	0.44	1.737
25	20	6,983	5,027	0.72	1.403	6,698	4,822	0.72	1.486	6,498	4,679	0.72	1.520	6,270	4,514	0.72	1.587
25	22	7,268	4,361	0.60	1.453	7,011	4,207	0.60	1.545	6,840	4,104	0.60	1.587	6,555	3,933	0.60	1.653
25	24	7,638	3,666	0.48	1.520	7,353	3,529	0.48	1.603	7,182	3,447	0.48	1.653	6,954	3,338	0.48	1.737
26	18	6,698	5,894	0.88	1.336	6,413	5,643	0.88	1.403	6,156	5,417	0.88	1.470	5,928	5,217	0.88	1.536
26	20	6,983	5,307	0.76	1.403	6,698	5,090	0.76	1.486	6,498	4,938	0.76	1.520	6,270	4,765	0.76	1.587
26	22	7,268	4,651	0.64	1.453	7,011	4,487	0.64	1.545	6,840	4,378	0.64	1.587	6,555	4,195	0.64	1.653
26	24	7,638	3,972	0.52	1.520	7,353	3,824	0.52	1.603	7,182	3,735	0.52	1.653	6,954	3,616	0.52	1.737
26	26	7,866	3,146	0.40	1.603	7,638	3,055	0.40	1.687	7,524	3,010	0.40	1.737	7,296	2,918	0.40	1.787
27	18	6,698	6,162	0.92	1.336	6,413	5,900	0.92	1.403	6,156	5,664	0.92	1.470	5,928	5,454	0.92	1.536
27	20	6,983	5,586	0.80	1.403	6,698	5,358	0.80	1.486	6,498	5,198	0.80	1.520	6,270	5,016	0.80	1.587
27	22	7,268	4,942	0.68	1.453	7,011	4,767	0.68	1.545	6,840	4,651	0.68	1.587	6,555	4,457	0.68	1.653
27	24	7,638	4,277	0.56	1.520	7,353	4,118	0.56	1.603	7,182	4,022	0.56	1.653	6,954	3,894	0.56	1.737
27	26	7,866	3,461	0.44	1.603	7,638	3,361	0.44	1.687	7,524	3,311	0.44	1.737	7,296	3,210	0.44	1.787
28	18	6,698	6,430	0.96	1.336	6,413	6,156	0.96	1.403	6,156	5,910	0.96	1.470	5,928	5,691	0.96	1.536
28	20	6,983	5,865	0.84	1.403	6,698	5,626	0.84	1.486	6,498	5,458	0.84	1.520	6,270	5,267	0.84	1.587
28	22	7,268	5,233	0.72	1.453	7,011	5,048	0.72	1.545	6,840	4,925	0.72	1.587	6,555	4,720	0.72	1.653
28	24	7,638	4,583	0.60	1.520	7,353	4,412	0.60	1.603	7,182	4,309	0.60	1.653	6,954	4,172	0.60	1.737
28	26	7,866	3,776	0.48	1.603	7,638	3,666	0.48	1.687	7,524	3,612	0.48	1.737	7,296	3,502	0.48	1.787
29	18	6,698	6,698	1.00	1.336	6,413	6,413	1.00	1.403	6,156	6,156	1.00	1.470	5,928	5,928	1.00	1.536
29	20	6,983	6,145	0.88	1.403	6,698	5,894	0.88	1.486	6,498	5,718	0.88	1.520	6,270	5,518	0.88	1.587
29	22	7,268	5,523	0.76	1.453	7,011	5,328	0.76	1.545	6,840	5,198	0.76	1.587	6,555	4,982	0.76	1.653
29	24	7,638	4,888	0.64	1.520	7,353	4,706	0.64	1.603	7,182	4,596	0.64	1.653	6,954	4,451	0.64	1.737
29	26	7,866	4,090	0.52	1.603	7,638	3,972	0.52	1.687	7,524	3,912	0.52	1.737	7,296	3,794	0.52	1.787
30	18	6,698	6,965	1.04	1.336	6,413	6,669	1.04	1.403	6,156	6,402	1.04	1.470	5,928	6,165	1.04	1.536
30	20	6,983	6,424	0.92	1.403	6,698	6,162	0.92	1.486	6,498	5,978	0.92	1.520	6,270	5,768	0.92	1.587
30	22	7,268	5,814	0.80	1.453	7,011	5,609	0.80	1.545	6,840	5,472	0.80	1.587	6,555	5,244	0.80	1.653
30	24	7,638	5,194	0.68	1.520	7,353	5,000	0.68	1.603	7,182	4,884	0.68	1.653	6,954	4,729	0.68	1.737
30	26	7,866	4,405	0.56	1.603	7,638	4,277	0.56	1.687	7,524	4,213	0.56	1.737	7,296	4,086	0.56	1.787
31	18	6,698	7,233	1.08	1.336	6,413	6,926	1.08	1.403	6,156	6,648	1.08	1.470	5,928	6,402	1.08	1.536
31	20	6,983	6,703	0.96	1.403	6,698	6,430	0.96	1.486	6,498	6,238	0.96	1.520	6,270	6,019	0.96	1.587
31	22	7,268	6,105	0.84	1.453	7,011	5,889	0.84	1.545	6,840	5,746	0.84	1.587	6,555	5,506	0.84	1.653
31	24	7,638	5,499	0.72	1.520	7,353	5,294	0.72	1.603	7,182	5,171	0.72	1.653	6,954	5,007	0.72	1.737
31	26	7,866	4,720	0.60	1.603	7,638	4,583	0.60	1.687	7,524	4,514	0.60	1.737	7,296	4,378	0.60	1.787
32	18	6,698	7,501	1.12	1.336	6,413	7,182	1.12	1.403	6,156	6,895	1.12	1.470	5,928	6,639	1.12	1.536
32	20	6,983	6,983	1.00	1.403	6,698	6,698	1.00	1.486	6,498	6,498	1.00	1.520	6,270	6,270	1.00	1.587
32	22	7,268	6,395	0.88	1.453	7,011	6,170	0.88	1.545	6,840	6,019	0.88	1.587	6,555	5,768	0.88	1.653
32	24	7,638	5,805	0.76	1.520	7,353	5,588	0.76	1.603	7,182	5,458	0.76	1.653	6,954	5,285	0.76	1.737
32	26	7,866	5,034	0.64	1.603	7,638	4,888	0.64	1.687	7,524	4,815	0.64	1.737	7,296	4,669	0.64	1.787

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M60JA / SUZ-KA60VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,586	3,798	0.68	1.637	5,130	3,488	0.68	1.737	4,731	3,217	0.68	1.804
21	20	5,871	3,288	0.56	1.703	5,472	3,064	0.56	1.787	5,073	2,841	0.56	1.887
22	18	5,586	4,022	0.72	1.637	5,130	3,694	0.72	1.737	4,731	3,406	0.72	1.804
22	20	5,871	3,523	0.60	1.703	5,472	3,283	0.60	1.787	5,073	3,044	0.60	1.887
22	22	6,213	2,982	0.48	1.770	5,814	2,791	0.48	1.870	5,415	2,599	0.48	1.937
23	18	5,586	4,245	0.76	1.637	5,130	3,899	0.76	1.737	4,731	3,596	0.76	1.804
23	20	5,871	3,757	0.64	1.703	5,472	3,502	0.64	1.787	5,073	3,247	0.64	1.887
23	22	6,213	3,231	0.52	1.770	5,814	3,023	0.52	1.870	5,415	2,816	0.52	1.937
24	18	5,586	4,469	0.80	1.637	5,130	4,104	0.80	1.737	4,731	3,785	0.80	1.804
24	20	5,871	3,992	0.68	1.703	5,472	3,721	0.68	1.787	5,073	3,450	0.68	1.887
24	22	6,213	3,479	0.56	1.770	5,814	3,256	0.56	1.870	5,415	3,032	0.56	1.937
24	24	6,555	2,884	0.44	1.837	6,156	2,709	0.44	1.921	5,814	2,558	0.44	2.004
25	20	5,871	4,227	0.72	1.703	5,472	3,940	0.72	1.787	5,073	3,653	0.72	1.887
25	22	6,213	3,728	0.60	1.770	5,814	3,488	0.60	1.870	5,415	3,249	0.60	1.937
25	24	6,555	3,146	0.48	1.837	6,156	2,955	0.48	1.921	5,814	2,791	0.48	2.004
26	18	5,586	4,916	0.88	1.637	5,130	4,514	0.88	1.737	4,731	4,163	0.88	1.804
26	20	5,871	4,462	0.76	1.703	5,472	4,159	0.76	1.787	5,073	3,855	0.76	1.887
26	22	6,213	3,976	0.64	1.770	5,814	3,721	0.64	1.870	5,415	3,466	0.64	1.937
26	24	6,555	3,409	0.52	1.837	6,156	3,201	0.52	1.921	5,814	3,023	0.52	2.004
26	26	6,897	2,759	0.40	1.904	6,498	2,599	0.40	1.987	6,099	2,440	0.40	2.071
27	18	5,586	5,139	0.92	1.637	5,130	4,720	0.92	1.737	4,731	4,353	0.92	1.804
27	20	5,871	4,697	0.80	1.703	5,472	4,378	0.80	1.787	5,073	4,058	0.80	1.887
27	22	6,213	4,225	0.68	1.770	5,814	3,954	0.68	1.870	5,415	3,682	0.68	1.937
27	24	6,555	3,671	0.56	1.837	6,156	3,447	0.56	1.921	5,814	3,256	0.56	2.004
27	26	6,897	3,035	0.44	1.904	6,498	2,859	0.44	1.987	6,099	2,684	0.44	2.071
28	18	5,586	5,363	0.96	1.637	5,130	4,925	0.96	1.737	4,731	4,542	0.96	1.804
28	20	5,871	4,932	0.84	1.703	5,472	4,596	0.84	1.787	5,073	4,261	0.84	1.887
28	22	6,213	4,473	0.72	1.770	5,814	4,186	0.72	1.870	5,415	3,899	0.72	1.937
28	24	6,555	3,933	0.60	1.837	6,156	3,694	0.60	1.921	5,814	3,488	0.60	2.004
28	26	6,897	3,311	0.48	1.904	6,498	3,119	0.48	1.987	6,099	2,928	0.48	2.071
29	18	5,586	5,586	1.00	1.637	5,130	5,130	1.00	1.737	4,731	4,731	1.00	1.804
29	20	5,871	5,166	0.88	1.703	5,472	4,815	0.88	1.787	5,073	4,464	0.88	1.887
29	22	6,213	4,722	0.76	1.770	5,814	4,419	0.76	1.870	5,415	4,115	0.76	1.937
29	24	6,555	4,195	0.64	1.837	6,156	3,940	0.64	1.921	5,814	3,721	0.64	2.004
29	26	6,897	3,586	0.52	1.904	6,498	3,379	0.52	1.987	6,099	3,171	0.52	2.071
30	18	5,586	5,809	1.04	1.637	5,130	5,335	1.04	1.737	4,731	4,920	1.04	1.804
30	20	5,871	5,401	0.92	1.703	5,472	5,034	0.92	1.787	5,073	4,667	0.92	1.887
30	22	6,213	4,970	0.80	1.770	5,814	4,651	0.80	1.870	5,415	4,332	0.80	1.937
30	24	6,555	4,457	0.68	1.837	6,156	4,186	0.68	1.921	5,814	3,954	0.68	2.004
30	26	6,897	3,862	0.56	1.904	6,498	3,639	0.56	1.987	6,099	3,415	0.56	2.071
31	18	5,586	6,033	1.08	1.637	5,130	5,540	1.08	1.737	4,731	5,109	1.08	1.804
31	20	5,871	5,636	0.96	1.703	5,472	5,253	0.96	1.787	5,073	4,870	0.96	1.887
31	22	6,213	5,219	0.84	1.770	5,814	4,884	0.84	1.870	5,415	4,549	0.84	1.937
31	24	6,555	4,720	0.72	1.837	6,156	4,432	0.72	1.921	5,814	4,186	0.72	2.004
31	26	6,897	4,138	0.60	1.904	6,498	3,899	0.60	1.987	6,099	3,659	0.60	2.071
32	18	5,586	6,256	1.12	1.637	5,130	5,746	1.12	1.737	4,731	5,299	1.12	1.804
32	20	5,871	5,871	1.00	1.703	5,472	5,472	1.00	1.787	5,073	5,073	1.00	1.887
32	22	6,213	5,467	0.88	1.770	5,814	5,116	0.88	1.870	5,415	4,765	0.88	1.937
32	24	6,555	4,982	0.76	1.837	6,156	4,679	0.76	1.921	5,814	4,419	0.76	2.004
32	26	6,897	4,414	0.64	1.904	6,498	4,159	0.64	1.987	6,099	3,903	0.64	2.071

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JA / SUZ-KA71VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.664	7,988	5,192	0.65	1.747	7,668	4,984	0.65	1.830	7,384	4,800	0.65	1.914
21	20	8,698	4,610	0.53	1.747	8,343	4,422	0.53	1.851	8,094	4,290	0.53	1.893	7,810	4,139	0.53	1.976
22	18	8,343	5,756	0.69	1.664	7,988	5,511	0.69	1.747	7,668	5,291	0.69	1.830	7,384	5,095	0.69	1.914
22	20	8,698	4,958	0.57	1.747	8,343	4,755	0.57	1.851	8,094	4,614	0.57	1.893	7,810	4,452	0.57	1.976
22	22	9,053	4,074	0.45	1.810	8,733	3,930	0.45	1.924	8,520	3,834	0.45	1.976	8,165	3,674	0.45	2.059
23	18	8,343	6,090	0.73	1.664	7,988	5,831	0.73	1.747	7,668	5,598	0.73	1.830	7,384	5,390	0.73	1.914
23	20	8,698	5,305	0.61	1.747	8,343	5,089	0.61	1.851	8,094	4,937	0.61	1.893	7,810	4,764	0.61	1.976
23	22	9,053	4,436	0.49	1.810	8,733	4,279	0.49	1.924	8,520	4,175	0.49	1.976	8,165	4,001	0.49	2.059
24	18	8,343	6,424	0.77	1.664	7,988	6,150	0.77	1.747	7,668	5,904	0.77	1.830	7,384	5,686	0.77	1.914
24	20	8,698	5,653	0.65	1.747	8,343	5,423	0.65	1.851	8,094	5,261	0.65	1.893	7,810	5,077	0.65	1.976
24	22	9,053	4,798	0.53	1.810	8,733	4,628	0.53	1.924	8,520	4,516	0.53	1.976	8,165	4,327	0.53	2.059
24	24	9,514	3,901	0.41	1.893	9,159	3,755	0.41	1.997	8,946	3,668	0.41	2.059	8,662	3,551	0.41	2.163
25	20	8,698	6,001	0.69	1.747	8,343	5,756	0.69	1.851	8,094	5,585	0.69	1.893	7,810	5,389	0.69	1.976
25	22	9,053	5,160	0.57	1.810	8,733	4,978	0.57	1.924	8,520	4,856	0.57	1.976	8,165	4,654	0.57	2.059
25	24	9,514	4,281	0.45	1.893	9,159	4,122	0.45	1.997	8,946	4,026	0.45	2.059	8,662	3,898	0.45	2.163
26	18	8,343	7,091	0.85	1.664	7,988	6,789	0.85	1.747	7,668	6,518	0.85	1.830	7,384	6,276	0.85	1.914
26	20	8,698	6,349	0.73	1.747	8,343	6,090	0.73	1.851	8,094	5,909	0.73	1.893	7,810	5,701	0.73	1.976
26	22	9,053	5,522	0.61	1.810	8,733	5,327	0.61	1.924	8,520	5,197	0.61	1.976	8,165	4,981	0.61	2.059
26	24	9,514	4,662	0.49	1.893	9,159	4,488	0.49	1.997	8,946	4,384	0.49	2.059	8,662	4,244	0.49	2.163
26	26	9,798	3,625	0.37	1.997	9,514	3,520	0.37	2.101	9,372	3,468	0.37	2.163	9,088	3,363	0.37	2.226
27	18	8,343	7,425	0.89	1.664	7,988	7,109	0.89	1.747	7,668	6,825	0.89	1.830	7,384	6,572	0.89	1.914
27	20	8,698	6,697	0.77	1.747	8,343	6,424	0.77	1.851	8,094	6,232	0.77	1.893	7,810	6,014	0.77	1.976
27	22	9,053	5,884	0.65	1.810	8,733	5,676	0.65	1.924	8,520	5,538	0.65	1.976	8,165	5,307	0.65	2.059
27	24	9,514	5,042	0.53	1.893	9,159	4,854	0.53	1.997	8,946	4,741	0.53	2.059	8,662	4,591	0.53	2.163
27	26	9,798	4,017	0.41	1.997	9,514	3,901	0.41	2.101	9,372	3,843	0.41	2.163	9,088	3,726	0.41	2.226
28	18	8,343	7,759	0.93	1.664	7,988	7,428	0.93	1.747	7,668	7,131	0.93	1.830	7,384	6,867	0.93	1.914
28	20	8,698	7,045	0.81	1.747	8,343	6,757	0.81	1.851	8,094	6,556	0.81	1.893	7,810	6,326	0.81	1.976
28	22	9,053	6,246	0.69	1.810	8,733	6,026	0.69	1.924	8,520	5,879	0.69	1.976	8,165	5,634	0.69	2.059
28	24	9,514	5,423	0.57	1.893	9,159	5,221	0.57	1.997	8,946	5,099	0.57	2.059	8,662	4,937	0.57	2.163
28	26	9,798	4,409	0.45	1.997	9,514	4,281	0.45	2.101	9,372	4,217	0.45	2.163	9,088	4,090	0.45	2.226
29	18	8,343	8,092	0.97	1.664	7,988	7,748	0.97	1.747	7,668	7,438	0.97	1.830	7,384	7,162	0.97	1.914
29	20	8,698	7,393	0.85	1.747	8,343	7,091	0.85	1.851	8,094	6,880	0.85	1.893	7,810	6,639	0.85	1.976
29	22	9,053	6,608	0.73	1.810	8,733	6,375	0.73	1.924	8,520	6,220	0.73	1.976	8,165	5,960	0.73	2.059
29	24	9,514	5,804	0.61	1.893	9,159	5,587	0.61	1.997	8,946	5,457	0.61	2.059	8,662	5,284	0.61	2.163
29	26	9,798	4,801	0.49	1.997	9,514	4,662	0.49	2.101	9,372	4,592	0.49	2.163	9,088	4,453	0.49	2.226
30	18	8,343	8,426	1.01	1.664	7,988	8,067	1.01	1.747	7,668	7,745	1.01	1.830	7,384	7,458	1.01	1.914
30	20	8,698	7,741	0.89	1.747	8,343	7,425	0.89	1.851	8,094	7,204	0.89	1.893	7,810	6,951	0.89	1.976
30	22	9,053	6,970	0.77	1.810	8,733	6,724	0.77	1.924	8,520	6,560	0.77	1.976	8,165	6,287	0.77	2.059
30	24	9,514	6,184	0.65	1.893	9,159	5,953	0.65	1.997	8,946	5,815	0.65	2.059	8,662	5,630	0.65	2.163
30	26	9,798	5,193	0.53	1.997	9,514	5,042	0.53	2.101	9,372	4,967	0.53	2.163	9,088	4,817	0.53	2.226
31	18	8,343	8,760	1.05	1.664	7,988	8,387	1.05	1.747	7,668	8,051	1.05	1.830	7,384	7,753	1.05	1.914
31	20	8,698	8,089	0.93	1.747	8,343	7,759	0.93	1.851	8,094	7,527	0.93	1.893	7,810	7,263	0.93	1.976
31	22	9,053	7,333	0.81	1.810	8,733	7,074	0.81	1.924	8,520	6,901	0.81	1.976	8,165	6,614	0.81	2.059
31	24	9,514	6,565	0.69	1.893	9,159	6,320	0.69	1.997	8,946	6,173	0.69	2.059	8,662	5,977	0.69	2.163
31	26	9,798	5,585	0.57	1.997	9,514	5,423	0.57	2.101	9,372	5,342	0.57	2.163	9,088	5,180	0.57	2.226
32	18	8,343	9,093	1.09	1.664	7,988	8,706	1.09	1.747	7,668	8,358	1.09	1.830	7,384	8,049	1.09	1.914
32	20	8,698	8,437	0.97	1.747	8,343	8,092	0.97	1.851	8,094	7,851	0.97	1.893	7,810	7,576	0.97	1.976
32	22	9,053	7,695	0.85	1.810	8,733	7,423	0.85	1.924	8,520	7,242	0.85	1.976	8,165	6,940	0.85	2.059
32	24	9,514	6,945	0.73	1.893	9,159	6,686	0.73	1.997	8,946	6,531	0.73	2.059	8,662	6,323	0.73	2.163
32	26	9,798	5,977	0.61	1.997	9,514	5,804	0.61	2.101	9,372	5,717	0.61	2.163	9,088	5,544	0.61	2.226

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JA / SUZ-KA71VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.038	6,390	4,154	0.65	2.163	5,893	3,830	0.65	2.246
21	20	7,313	3,876	0.53	2.122	6,816	3,612	0.53	2.226	6,319	3,349	0.53	2.350
22	18	6,958	4,801	0.69	2.038	6,390	4,409	0.69	2.163	5,893	4,066	0.69	2.246
22	20	7,313	4,168	0.57	2.122	6,816	3,885	0.57	2.226	6,319	3,602	0.57	2.350
22	22	7,739	3,483	0.45	2.205	7,242	3,259	0.45	2.330	6,745	3,035	0.45	2.413
23	18	6,958	5,079	0.73	2.038	6,390	4,665	0.73	2.163	5,893	4,302	0.73	2.246
23	20	7,313	4,461	0.61	2.122	6,816	4,158	0.61	2.226	6,319	3,855	0.61	2.350
23	22	7,739	3,792	0.49	2.205	7,242	3,549	0.49	2.330	6,745	3,305	0.49	2.413
24	18	6,958	5,358	0.77	2.038	6,390	4,920	0.77	2.163	5,893	4,538	0.77	2.246
24	20	7,313	4,753	0.65	2.122	6,816	4,430	0.65	2.226	6,319	4,107	0.65	2.350
24	22	7,739	4,102	0.53	2.205	7,242	3,838	0.53	2.330	6,745	3,575	0.53	2.413
24	24	8,165	3,348	0.41	2.288	7,668	3,144	0.41	2.392	7,242	2,969	0.41	2.496
25	20	7,313	5,046	0.69	2.122	6,816	4,703	0.69	2.226	6,319	4,360	0.69	2.350
25	22	7,739	4,411	0.57	2.205	7,242	4,128	0.57	2.330	6,745	3,845	0.57	2.413
25	24	8,165	3,674	0.45	2.288	7,668	3,451	0.45	2.392	7,242	3,259	0.45	2.496
26	18	6,958	5,914	0.85	2.038	6,390	5,432	0.85	2.163	5,893	5,009	0.85	2.246
26	20	7,313	5,338	0.73	2.122	6,816	4,976	0.73	2.226	6,319	4,613	0.73	2.350
26	22	7,739	4,721	0.61	2.205	7,242	4,418	0.61	2.330	6,745	4,114	0.61	2.413
26	24	8,165	4,001	0.49	2.288	7,668	3,757	0.49	2.392	7,242	3,549	0.49	2.496
26	26	8,591	3,179	0.37	2.371	8,094	2,995	0.37	2.475	7,597	2,811	0.37	2.579
27	18	6,958	6,193	0.89	2.038	6,390	5,687	0.89	2.163	5,893	5,245	0.89	2.246
27	20	7,313	5,631	0.77	2.122	6,816	5,248	0.77	2.226	6,319	4,866	0.77	2.350
27	22	7,739	5,030	0.65	2.205	7,242	4,707	0.65	2.330	6,745	4,384	0.65	2.413
27	24	8,165	4,327	0.53	2.288	7,668	4,064	0.53	2.392	7,242	3,838	0.53	2.496
27	26	8,591	3,522	0.41	2.371	8,094	3,319	0.41	2.475	7,597	3,115	0.41	2.579
28	18	6,958	6,471	0.93	2.038	6,390	5,943	0.93	2.163	5,893	5,480	0.93	2.246
28	20	7,313	5,924	0.81	2.122	6,816	5,521	0.81	2.226	6,319	5,118	0.81	2.350
28	22	7,739	5,340	0.69	2.205	7,242	4,997	0.69	2.330	6,745	4,654	0.69	2.413
28	24	8,165	4,654	0.57	2.288	7,668	4,371	0.57	2.392	7,242	4,128	0.57	2.496
28	26	8,591	3,866	0.45	2.371	8,094	3,642	0.45	2.475	7,597	3,419	0.45	2.579
29	18	6,958	6,749	0.97	2.038	6,390	6,198	0.97	2.163	5,893	5,716	0.97	2.246
29	20	7,313	6,216	0.85	2.122	6,816	5,794	0.85	2.226	6,319	5,371	0.85	2.350
29	22	7,739	5,649	0.73	2.205	7,242	5,287	0.73	2.330	6,745	4,924	0.73	2.413
29	24	8,165	4,981	0.61	2.288	7,668	4,677	0.61	2.392	7,242	4,418	0.61	2.496
29	26	8,591	4,210	0.49	2.371	8,094	3,966	0.49	2.475	7,597	3,723	0.49	2.579
30	18	6,958	7,028	1.01	2.038	6,390	6,454	1.01	2.163	5,893	5,952	1.01	2.246
30	20	7,313	6,509	0.89	2.122	6,816	6,066	0.89	2.226	6,319	5,624	0.89	2.350
30	22	7,739	5,959	0.77	2.205	7,242	5,576	0.77	2.330	6,745	5,194	0.77	2.413
30	24	8,165	5,307	0.65	2.288	7,668	4,984	0.65	2.392	7,242	4,707	0.65	2.496
30	26	8,591	4,553	0.53	2.371	8,094	4,290	0.53	2.475	7,597	4,026	0.53	2.579
31	18	6,958	7,306	1.05	2.038	6,390	6,710	1.05	2.163	5,893	6,188	1.05	2.246
31	20	7,313	6,801	0.93	2.122	6,816	6,339	0.93	2.226	6,319	5,877	0.93	2.350
31	22	7,739	6,269	0.81	2.205	7,242	5,866	0.81	2.330	6,745	5,463	0.81	2.413
31	24	8,165	5,634	0.69	2.288	7,668	5,291	0.69	2.392	7,242	4,997	0.69	2.496
31	26	8,591	4,897	0.57	2.371	8,094	4,614	0.57	2.475	7,597	4,330	0.57	2.579
32	18	6,958	7,584	1.09	2.038	6,390	6,965	1.09	2.163	5,893	6,423	1.09	2.246
32	20	7,313	7,094	0.97	2.122	6,816	6,612	0.97	2.226	6,319	6,129	0.97	2.350
32	22	7,739	6,578	0.85	2.205	7,242	6,156	0.85	2.330	6,745	5,733	0.85	2.413
32	24	8,165	5,960	0.73	2.288	7,668	5,598	0.73	2.392	7,242	5,287	0.73	2.496
32	26	8,591	5,241	0.61	2.371	8,094	4,937	0.61	2.475	7,597	4,634	0.61	2.579

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JAL / SUZ-KA35VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,834	0.67	0.824	4,050	2,714	0.67	0.865	3,888	2,605	0.67	0.906	3,744	2,508	0.67	0.948
21	20	4,410	2,426	0.55	0.865	4,230	2,327	0.55	0.917	4,104	2,257	0.55	0.937	3,960	2,178	0.55	0.979
22	18	4,230	3,003	0.71	0.824	4,050	2,876	0.71	0.865	3,888	2,760	0.71	0.906	3,744	2,658	0.71	0.948
22	20	4,410	2,602	0.59	0.865	4,230	2,496	0.59	0.917	4,104	2,421	0.59	0.937	3,960	2,336	0.59	0.979
22	22	4,590	2,157	0.47	0.896	4,428	2,081	0.47	0.953	4,320	2,030	0.47	0.979	4,140	1,946	0.47	1.020
23	18	4,230	3,173	0.75	0.824	4,050	3,038	0.75	0.865	3,888	2,916	0.75	0.906	3,744	2,808	0.75	0.948
23	20	4,410	2,778	0.63	0.865	4,230	2,665	0.63	0.917	4,104	2,586	0.63	0.937	3,960	2,495	0.63	0.979
23	22	4,590	2,341	0.51	0.896	4,428	2,258	0.51	0.953	4,320	2,203	0.51	0.979	4,140	2,111	0.51	1.020
24	18	4,230	3,342	0.79	0.824	4,050	3,200	0.79	0.865	3,888	3,072	0.79	0.906	3,744	2,958	0.79	0.948
24	20	4,410	2,955	0.67	0.865	4,230	2,834	0.67	0.917	4,104	2,750	0.67	0.937	3,960	2,653	0.67	0.979
24	22	4,590	2,525	0.55	0.896	4,428	2,435	0.55	0.953	4,320	2,376	0.55	0.979	4,140	2,277	0.55	1.020
24	24	4,824	2,074	0.43	0.937	4,644	1,997	0.43	0.989	4,536	1,950	0.43	1.020	4,392	1,889	0.43	1.071
25	20	4,410	3,131	0.71	0.865	4,230	3,003	0.71	0.917	4,104	2,914	0.71	0.937	3,960	2,812	0.71	0.979
25	22	4,590	2,708	0.59	0.896	4,428	2,613	0.59	0.953	4,320	2,549	0.59	0.979	4,140	2,443	0.59	1.020
25	24	4,824	2,267	0.47	0.937	4,644	2,183	0.47	0.989	4,536	2,132	0.47	1.020	4,392	2,064	0.47	1.071
26	18	4,230	3,680	0.87	0.824	4,050	3,524	0.87	0.865	3,888	3,383	0.87	0.906	3,744	3,257	0.87	0.948
26	20	4,410	3,308	0.75	0.865	4,230	3,173	0.75	0.917	4,104	3,078	0.75	0.937	3,960	2,970	0.75	0.979
26	22	4,590	2,892	0.63	0.896	4,428	2,790	0.63	0.953	4,320	2,722	0.63	0.979	4,140	2,608	0.63	1.020
26	24	4,824	2,460	0.51	0.937	4,644	2,368	0.51	0.989	4,536	2,313	0.51	1.020	4,392	2,240	0.51	1.071
26	26	4,968	1,938	0.39	0.989	4,824	1,881	0.39	1.040	4,752	1,853	0.39	1.071	4,608	1,797	0.39	1.102
27	18	4,230	3,849	0.91	0.824	4,050	3,686	0.91	0.865	3,888	3,538	0.91	0.906	3,744	3,407	0.91	0.948
27	20	4,410	3,484	0.79	0.865	4,230	3,342	0.79	0.917	4,104	3,242	0.79	0.937	3,960	3,128	0.79	0.979
27	22	4,590	3,075	0.67	0.896	4,428	2,967	0.67	0.953	4,320	2,894	0.67	0.979	4,140	2,774	0.67	1.020
27	24	4,824	2,653	0.55	0.937	4,644	2,554	0.55	0.989	4,536	2,495	0.55	1.020	4,392	2,416	0.55	1.071
27	26	4,968	2,136	0.43	0.989	4,824	2,074	0.43	1.040	4,752	2,043	0.43	1.071	4,608	1,981	0.43	1.102
28	18	4,230	4,019	0.95	0.824	4,050	3,848	0.95	0.865	3,888	3,694	0.95	0.906	3,744	3,557	0.95	0.948
28	20	4,410	3,660	0.83	0.865	4,230	3,511	0.83	0.917	4,104	3,406	0.83	0.937	3,960	3,287	0.83	0.979
28	22	4,590	3,259	0.71	0.896	4,428	3,144	0.71	0.953	4,320	3,067	0.71	0.979	4,140	2,939	0.71	1.020
28	24	4,824	2,846	0.59	0.937	4,644	2,740	0.59	0.989	4,536	2,676	0.59	1.020	4,392	2,591	0.59	1.071
28	26	4,968	2,335	0.47	0.989	4,824	2,267	0.47	1.040	4,752	2,233	0.47	1.071	4,608	2,166	0.47	1.102
29	18	4,230	4,188	0.99	0.824	4,050	4,010	0.99	0.865	3,888	3,849	0.99	0.906	3,744	3,707	0.99	0.948
29	20	4,410	3,837	0.87	0.865	4,230	3,680	0.87	0.917	4,104	3,570	0.87	0.937	3,960	3,445	0.87	0.979
29	22	4,590	3,443	0.75	0.896	4,428	3,321	0.75	0.953	4,320	3,240	0.75	0.979	4,140	3,105	0.75	1.020
29	24	4,824	3,039	0.63	0.937	4,644	2,926	0.63	0.989	4,536	2,858	0.63	1.020	4,392	2,767	0.63	1.071
29	26	4,968	2,534	0.51	0.989	4,824	2,460	0.51	1.040	4,752	2,424	0.51	1.071	4,608	2,350	0.51	1.102
30	18	4,230	4,357	1.03	0.824	4,050	4,172	1.03	0.865	3,888	4,005	1.03	0.906	3,744	3,856	1.03	0.948
30	20	4,410	4,013	0.91	0.865	4,230	3,849	0.91	0.917	4,104	3,735	0.91	0.937	3,960	3,604	0.91	0.979
30	22	4,590	3,626	0.79	0.896	4,428	3,498	0.79	0.953	4,320	3,413	0.79	0.979	4,140	3,271	0.79	1.020
30	24	4,824	3,232	0.67	0.937	4,644	3,111	0.67	0.989	4,536	3,039	0.67	1.020	4,392	2,943	0.67	1.071
30	26	4,968	2,732	0.55	0.989	4,824	2,653	0.55	1.040	4,752	2,614	0.55	1.071	4,608	2,534	0.55	1.102
31	18	4,230	4,526	1.07	0.824	4,050	4,334	1.07	0.865	3,888	4,160	1.07	0.906	3,744	4,006	1.07	0.948
31	20	4,410	4,190	0.95	0.865	4,230	4,019	0.95	0.917	4,104	3,899	0.95	0.937	3,960	3,762	0.95	0.979
31	22	4,590	3,810	0.83	0.896	4,428	3,675	0.83	0.953	4,320	3,586	0.83	0.979	4,140	3,436	0.83	1.020
31	24	4,824	3,425	0.71	0.937	4,644	3,297	0.71	0.989	4,536	3,221	0.71	1.020	4,392	3,118	0.71	1.071
31	26	4,968	2,931	0.59	0.989	4,824	2,846	0.59	1.040	4,752	2,804	0.59	1.071	4,608	2,719	0.59	1.102
32	18	4,230	4,695	1.11	0.824	4,050	4,496	1.11	0.865	3,888	4,316	1.11	0.906	3,744	4,156	1.11	0.948
32	20	4,410	4,366	0.99	0.865	4,230	4,188	0.99	0.917	4,104	4,063	0.99	0.937	3,960	3,920	0.99	0.979
32	22	4,590	3,993	0.87	0.896	4,428	3,852	0.87	0.953	4,320	3,758	0.87	0.979	4,140	3,602	0.87	1.020
32	24	4,824	3,618	0.75	0.937	4,644	3,483	0.75	0.989	4,536	3,402	0.75	1.020	4,392	3,294	0.75	1.071
32	26	4,968	3,130	0.63	0.989	4,824	3,039	0.63	1.040	4,752	2,994	0.63	1.071	4,608	2,903	0.63	1.102

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M35JAL / SUZ-KA35VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,364	0.67	1.009	3,240	2,171	0.67	1.071	2,988	2,002	0.67	1.112
21	20	3,708	2,039	0.55	1.051	3,456	1,901	0.55	1.102	3,204	1,762	0.55	1.164
22	18	3,528	2,505	0.71	1.009	3,240	2,300	0.71	1.071	2,988	2,121	0.71	1.112
22	20	3,708	2,188	0.59	1.051	3,456	2,039	0.59	1.102	3,204	1,890	0.59	1.164
22	22	3,924	1,844	0.47	1.092	3,672	1,726	0.47	1.154	3,420	1,607	0.47	1.195
23	18	3,528	2,646	0.75	1.009	3,240	2,430	0.75	1.071	2,988	2,241	0.75	1.112
23	20	3,708	2,336	0.63	1.051	3,456	2,177	0.63	1.102	3,204	2,019	0.63	1.164
23	22	3,924	2,001	0.51	1.092	3,672	1,873	0.51	1.154	3,420	1,744	0.51	1.195
24	18	3,528	2,787	0.79	1.009	3,240	2,560	0.79	1.071	2,988	2,361	0.79	1.112
24	20	3,708	2,484	0.67	1.051	3,456	2,316	0.67	1.102	3,204	2,147	0.67	1.164
24	22	3,924	2,158	0.55	1.092	3,672	2,020	0.55	1.154	3,420	1,881	0.55	1.195
24	24	4,140	1,780	0.43	1.133	3,888	1,672	0.43	1.185	3,672	1,579	0.43	1.236
25	20	3,708	2,633	0.71	1.051	3,456	2,454	0.71	1.102	3,204	2,275	0.71	1.164
25	22	3,924	2,315	0.59	1.092	3,672	2,166	0.59	1.154	3,420	2,018	0.59	1.195
25	24	4,140	1,946	0.47	1.133	3,888	1,827	0.47	1.185	3,672	1,726	0.47	1.236
26	18	3,528	3,069	0.87	1.009	3,240	2,819	0.87	1.071	2,988	2,600	0.87	1.112
26	20	3,708	2,781	0.75	1.051	3,456	2,592	0.75	1.102	3,204	2,403	0.75	1.164
26	22	3,924	2,472	0.63	1.092	3,672	2,313	0.63	1.154	3,420	2,155	0.63	1.195
26	24	4,140	2,111	0.51	1.133	3,888	1,983	0.51	1.185	3,672	1,873	0.51	1.236
26	26	4,356	1,699	0.39	1.174	4,104	1,601	0.39	1.226	3,852	1,502	0.39	1.277
27	18	3,528	3,210	0.91	1.009	3,240	2,948	0.91	1.071	2,988	2,719	0.91	1.112
27	20	3,708	2,929	0.79	1.051	3,456	2,730	0.79	1.102	3,204	2,531	0.79	1.164
27	22	3,924	2,629	0.67	1.092	3,672	2,460	0.67	1.154	3,420	2,291	0.67	1.195
27	24	4,140	2,277	0.55	1.133	3,888	2,138	0.55	1.185	3,672	2,020	0.55	1.236
27	26	4,356	1,873	0.43	1.174	4,104	1,765	0.43	1.226	3,852	1,656	0.43	1.277
28	18	3,528	3,352	0.95	1.009	3,240	3,078	0.95	1.071	2,988	2,839	0.95	1.112
28	20	3,708	3,078	0.83	1.051	3,456	2,868	0.83	1.102	3,204	2,659	0.83	1.164
28	22	3,924	2,786	0.71	1.092	3,672	2,607	0.71	1.154	3,420	2,428	0.71	1.195
28	24	4,140	2,443	0.59	1.133	3,888	2,294	0.59	1.185	3,672	2,166	0.59	1.236
28	26	4,356	2,047	0.47	1.174	4,104	1,929	0.47	1.226	3,852	1,810	0.47	1.277
29	18	3,528	3,493	0.99	1.009	3,240	3,208	0.99	1.071	2,988	2,958	0.99	1.112
29	20	3,708	3,226	0.87	1.051	3,456	3,007	0.87	1.102	3,204	2,787	0.87	1.164
29	22	3,924	2,943	0.75	1.092	3,672	2,754	0.75	1.154	3,420	2,565	0.75	1.195
29	24	4,140	2,608	0.63	1.133	3,888	2,449	0.63	1.185	3,672	2,313	0.63	1.236
29	26	4,356	2,222	0.51	1.174	4,104	2,093	0.51	1.226	3,852	1,965	0.51	1.277
30	18	3,528	3,634	1.03	1.009	3,240	3,337	1.03	1.071	2,988	3,078	1.03	1.112
30	20	3,708	3,374	0.91	1.051	3,456	3,145	0.91	1.102	3,204	2,916	0.91	1.164
30	22	3,924	3,100	0.79	1.092	3,672	2,901	0.79	1.154	3,420	2,702	0.79	1.195
30	24	4,140	2,774	0.67	1.133	3,888	2,605	0.67	1.185	3,672	2,460	0.67	1.236
30	26	4,356	2,396	0.55	1.174	4,104	2,257	0.55	1.226	3,852	2,119	0.55	1.277
31	18	3,528	3,775	1.07	1.009	3,240	3,467	1.07	1.071	2,988	3,197	1.07	1.112
31	20	3,708	3,523	0.95	1.051	3,456	3,283	0.95	1.102	3,204	3,044	0.95	1.164
31	22	3,924	3,257	0.83	1.092	3,672	3,048	0.83	1.154	3,420	2,839	0.83	1.195
31	24	4,140	2,939	0.71	1.133	3,888	2,760	0.71	1.185	3,672	2,607	0.71	1.236
31	26	4,356	2,570	0.59	1.174	4,104	2,421	0.59	1.226	3,852	2,273	0.59	1.277
32	18	3,528	3,916	1.11	1.009	3,240	3,596	1.11	1.071	2,988	3,317	1.11	1.112
32	20	3,708	3,671	0.99	1.051	3,456	3,421	0.99	1.102	3,204	3,172	0.99	1.164
32	22	3,924	3,414	0.87	1.092	3,672	3,195	0.87	1.154	3,420	2,975	0.87	1.195
32	24	4,140	3,105	0.75	1.133	3,888	2,916	0.75	1.185	3,672	2,754	0.75	1.236
32	26	4,356	2,744	0.63	1.174	4,104	2,586	0.63	1.226	3,852	2,427	0.63	1.277

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JAL / SUZ-KA50VA6

		OUTDOOR DB(°C)															
INDOOR D.B.(°C)	INDOOR WB(°C)	21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,758	3,858	0.67	1.168	5,513	3,693	0.67	1.226	5,292	3,546	0.67	1.285	5,096	3,414	0.67	1.343
21	20	6,003	3,301	0.55	1.226	5,758	3,167	0.55	1.299	5,586	3,072	0.55	1.329	5,390	2,965	0.55	1.387
22	18	5,758	4,088	0.71	1.168	5,513	3,914	0.71	1.226	5,292	3,757	0.71	1.285	5,096	3,618	0.71	1.343
22	20	6,003	3,541	0.59	1.226	5,758	3,397	0.59	1.299	5,586	3,296	0.59	1.329	5,390	3,180	0.59	1.387
22	22	6,248	2,936	0.47	1.270	6,027	2,833	0.47	1.351	5,880	2,764	0.47	1.387	5,635	2,648	0.47	1.445
23	18	5,758	4,318	0.75	1.168	5,513	4,134	0.75	1.226	5,292	3,969	0.75	1.285	5,096	3,822	0.75	1.343
23	20	6,003	3,782	0.63	1.226	5,758	3,627	0.63	1.299	5,586	3,519	0.63	1.329	5,390	3,396	0.63	1.387
23	22	6,248	3,186	0.51	1.270	6,027	3,074	0.51	1.351	5,880	2,999	0.51	1.387	5,635	2,874	0.51	1.445
24	18	5,758	4,548	0.79	1.168	5,513	4,355	0.79	1.226	5,292	4,181	0.79	1.285	5,096	4,026	0.79	1.343
24	20	6,003	4,022	0.67	1.226	5,758	3,858	0.67	1.299	5,586	3,743	0.67	1.329	5,390	3,611	0.67	1.387
24	22	6,248	3,436	0.55	1.270	6,027	3,315	0.55	1.351	5,880	3,234	0.55	1.387	5,635	3,099	0.55	1.445
24	24	6,566	2,823	0.43	1.329	6,321	2,718	0.43	1.402	6,174	2,655	0.43	1.445	5,978	2,571	0.43	1.518
25	20	6,003	4,262	0.71	1.226	5,758	4,088	0.71	1.299	5,586	3,966	0.71	1.329	5,390	3,827	0.71	1.387
25	22	6,248	3,686	0.59	1.270	6,027	3,556	0.59	1.351	5,880	3,469	0.59	1.387	5,635	3,325	0.59	1.445
25	24	6,566	3,086	0.47	1.329	6,321	2,971	0.47	1.402	6,174	2,902	0.47	1.445	5,978	2,810	0.47	1.518
26	18	5,758	5,009	0.87	1.168	5,513	4,796	0.87	1.226	5,292	4,604	0.87	1.285	5,096	4,434	0.87	1.343
26	20	6,003	4,502	0.75	1.226	5,758	4,318	0.75	1.299	5,586	4,190	0.75	1.329	5,390	4,043	0.75	1.387
26	22	6,248	3,936	0.63	1.270	6,027	3,797	0.63	1.351	5,880	3,704	0.63	1.387	5,635	3,550	0.63	1.445
26	24	6,566	3,349	0.51	1.329	6,321	3,224	0.51	1.402	6,174	3,149	0.51	1.445	5,978	3,049	0.51	1.518
26	26	6,762	2,637	0.39	1.402	6,566	2,561	0.39	1.475	6,468	2,523	0.39	1.518	6,272	2,446	0.39	1.562
27	18	5,758	5,239	0.91	1.168	5,513	5,016	0.91	1.226	5,292	4,816	0.91	1.285	5,096	4,637	0.91	1.343
27	20	6,003	4,742	0.79	1.226	5,758	4,548	0.79	1.299	5,586	4,413	0.79	1.329	5,390	4,258	0.79	1.387
27	22	6,248	4,186	0.67	1.270	6,027	4,038	0.67	1.351	5,880	3,940	0.67	1.387	5,635	3,775	0.67	1.445
27	24	6,566	3,611	0.55	1.329	6,321	3,477	0.55	1.402	6,174	3,396	0.55	1.445	5,978	3,288	0.55	1.518
27	26	6,762	2,908	0.43	1.402	6,566	2,823	0.43	1.475	6,468	2,781	0.43	1.518	6,272	2,697	0.43	1.562
28	18	5,758	5,470	0.95	1.168	5,513	5,237	0.95	1.226	5,292	5,027	0.95	1.285	5,096	4,841	0.95	1.343
28	20	6,003	4,982	0.83	1.226	5,758	4,779	0.83	1.299	5,586	4,636	0.83	1.329	5,390	4,474	0.83	1.387
28	22	6,248	4,436	0.71	1.270	6,027	4,279	0.71	1.351	5,880	4,175	0.71	1.387	5,635	4,001	0.71	1.445
28	24	6,566	3,874	0.59	1.329	6,321	3,729	0.59	1.402	6,174	3,643	0.59	1.445	5,978	3,527	0.59	1.518
28	26	6,762	3,178	0.47	1.402	6,566	3,086	0.47	1.475	6,468	3,040	0.47	1.518	6,272	2,948	0.47	1.562
29	18	5,758	5,700	0.99	1.168	5,513	5,457	0.99	1.226	5,292	5,239	0.99	1.285	5,096	5,045	0.99	1.343
29	20	6,003	5,222	0.87	1.226	5,758	5,009	0.87	1.299	5,586	4,860	0.87	1.329	5,390	4,689	0.87	1.387
29	22	6,248	4,686	0.75	1.270	6,027	4,520	0.75	1.351	5,880	4,410	0.75	1.387	5,635	4,226	0.75	1.445
29	24	6,566	4,137	0.63	1.329	6,321	3,982	0.63	1.402	6,174	3,890	0.63	1.445	5,978	3,766	0.63	1.518
29	26	6,762	3,449	0.51	1.402	6,566	3,349	0.51	1.475	6,468	3,299	0.51	1.518	6,272	3,199	0.51	1.562
30	18	5,758	5,930	1.03	1.168	5,513	5,678	1.03	1.226	5,292	5,451	1.03	1.285	5,096	5,249	1.03	1.343
30	20	6,003	5,462	0.91	1.226	5,758	5,239	0.91	1.299	5,586	5,083	0.91	1.329	5,390	4,905	0.91	1.387
30	22	6,248	4,936	0.79	1.270	6,027	4,761	0.79	1.351	5,880	4,645	0.79	1.387	5,635	4,452	0.79	1.445
30	24	6,566	4,399	0.67	1.329	6,321	4,235	0.67	1.402	6,174	4,137	0.67	1.445	5,978	4,005	0.67	1.518
30	26	6,762	3,719	0.55	1.402	6,566	3,611	0.55	1.475	6,468	3,557	0.55	1.518	6,272	3,450	0.55	1.562
31	18	5,758	6,161	1.07	1.168	5,513	5,898	1.07	1.226	5,292	5,662	1.07	1.285	5,096	5,453	1.07	1.343
31	20	6,003	5,702	0.95	1.226	5,758	5,470	0.95	1.299	5,586	5,307	0.95	1.329	5,390	5,121	0.95	1.387
31	22	6,248	5,185	0.83	1.270	6,027	5,002	0.83	1.351	5,880	4,880	0.83	1.387	5,635	4,677	0.83	1.445
31	24	6,566	4,662	0.71	1.329	6,321	4,488	0.71	1.402	6,174	4,384	0.71	1.445	5,978	4,244	0.71	1.518
31	26	6,762	3,990	0.59	1.402	6,566	3,874	0.59	1.475	6,468	3,816	0.59	1.518	6,272	3,700	0.59	1.562
32	18	5,758	6,391	1.11	1.168	5,513	6,119	1.11	1.226	5,292	5,874	1.11	1.285	5,096	5,657	1.11	1.343
32	20	6,003	5,942	0.99	1.226	5,758	5,700	0.99	1.299	5,586	5,530	0.99	1.329	5,390	5,336	0.99	1.387
32	22	6,248	5,435	0.87	1.270	6,027	5,243	0.87	1.351	5,880	5,116	0.87	1.387	5,635	4,902	0.87	1.445
32	24	6,566	4,925	0.75	1.329	6,321	4,741	0.75	1.402	6,174	4,631	0.75	1.445	5,978	4,484	0.75	1.518
32	26	6,762	4,260	0.63	1.402	6,566	4,137	0.63	1.475	6,468	4,075	0.63	1.518	6,272	3,951	0.63	1.562

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M50JAL / SUZ-KA50VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,802	3,217	0.67	1.431	4,410	2,955	0.67	1.518	4,067	2,725	0.67	1.577
21	20	5,047	2,776	0.55	1.489	4,704	2,587	0.55	1.562	4,361	2,399	0.55	1.650
22	18	4,802	3,409	0.71	1.431	4,410	3,131	0.71	1.518	4,067	2,888	0.71	1.577
22	20	5,047	2,978	0.59	1.489	4,704	2,775	0.59	1.562	4,361	2,573	0.59	1.650
22	22	5,341	2,510	0.47	1.548	4,998	2,349	0.47	1.635	4,655	2,188	0.47	1.694
23	18	4,802	3,602	0.75	1.431	4,410	3,308	0.75	1.518	4,067	3,050	0.75	1.577
23	20	5,047	3,180	0.63	1.489	4,704	2,964	0.63	1.562	4,361	2,747	0.63	1.650
23	22	5,341	2,724	0.51	1.548	4,998	2,549	0.51	1.635	4,655	2,374	0.51	1.694
24	18	4,802	3,794	0.79	1.431	4,410	3,484	0.79	1.518	4,067	3,213	0.79	1.577
24	20	5,047	3,381	0.67	1.489	4,704	3,152	0.67	1.562	4,361	2,922	0.67	1.650
24	22	5,341	2,938	0.55	1.548	4,998	2,749	0.55	1.635	4,655	2,560	0.55	1.694
24	24	5,635	2,423	0.43	1.606	5,292	2,276	0.43	1.679	4,998	2,149	0.43	1.752
25	20	5,047	3,583	0.71	1.489	4,704	3,340	0.71	1.562	4,361	3,096	0.71	1.650
25	22	5,341	3,151	0.59	1.548	4,998	2,949	0.59	1.635	4,655	2,746	0.59	1.694
25	24	5,635	2,648	0.47	1.606	5,292	2,487	0.47	1.679	4,998	2,349	0.47	1.752
26	18	4,802	4,178	0.87	1.431	4,410	3,837	0.87	1.518	4,067	3,538	0.87	1.577
26	20	5,047	3,785	0.75	1.489	4,704	3,528	0.75	1.562	4,361	3,271	0.75	1.650
26	22	5,341	3,365	0.63	1.548	4,998	3,149	0.63	1.635	4,655	2,933	0.63	1.694
26	24	5,635	2,874	0.51	1.606	5,292	2,699	0.51	1.679	4,998	2,549	0.51	1.752
26	26	5,929	2,312	0.39	1.664	5,586	2,179	0.39	1.737	5,243	2,045	0.39	1.810
27	18	4,802	4,370	0.91	1.431	4,410	4,013	0.91	1.518	4,067	3,701	0.91	1.577
27	20	5,047	3,987	0.79	1.489	4,704	3,716	0.79	1.562	4,361	3,445	0.79	1.650
27	22	5,341	3,578	0.67	1.548	4,998	3,349	0.67	1.635	4,655	3,119	0.67	1.694
27	24	5,635	3,099	0.55	1.606	5,292	2,911	0.55	1.679	4,998	2,749	0.55	1.752
27	26	5,929	2,549	0.43	1.664	5,586	2,402	0.43	1.737	5,243	2,254	0.43	1.810
28	18	4,802	4,562	0.95	1.431	4,410	4,190	0.95	1.518	4,067	3,864	0.95	1.577
28	20	5,047	4,189	0.83	1.489	4,704	3,904	0.83	1.562	4,361	3,620	0.83	1.650
28	22	5,341	3,792	0.71	1.548	4,998	3,549	0.71	1.635	4,655	3,305	0.71	1.694
28	24	5,635	3,325	0.59	1.606	5,292	3,122	0.59	1.679	4,998	2,949	0.59	1.752
28	26	5,929	2,787	0.47	1.664	5,586	2,625	0.47	1.737	5,243	2,464	0.47	1.810
29	18	4,802	4,754	0.99	1.431	4,410	4,366	0.99	1.518	4,067	4,026	0.99	1.577
29	20	5,047	4,391	0.87	1.489	4,704	4,092	0.87	1.562	4,361	3,794	0.87	1.650
29	22	5,341	4,006	0.75	1.548	4,998	3,749	0.75	1.635	4,655	3,491	0.75	1.694
29	24	5,635	3,550	0.63	1.606	5,292	3,334	0.63	1.679	4,998	3,149	0.63	1.752
29	26	5,929	3,024	0.51	1.664	5,586	2,849	0.51	1.737	5,243	2,674	0.51	1.810
30	18	4,802	4,946	1.03	1.431	4,410	4,542	1.03	1.518	4,067	4,189	1.03	1.577
30	20	5,047	4,593	0.91	1.489	4,704	4,281	0.91	1.562	4,361	3,969	0.91	1.650
30	22	5,341	4,219	0.79	1.548	4,998	3,948	0.79	1.635	4,655	3,677	0.79	1.694
30	24	5,635	3,775	0.67	1.606	5,292	3,546	0.67	1.679	4,998	3,349	0.67	1.752
30	26	5,929	3,261	0.55	1.664	5,586	3,072	0.55	1.737	5,243	2,884	0.55	1.810
31	18	4,802	5,138	1.07	1.431	4,410	4,719	1.07	1.518	4,067	4,352	1.07	1.577
31	20	5,047	4,795	0.95	1.489	4,704	4,469	0.95	1.562	4,361	4,143	0.95	1.650
31	22	5,341	4,433	0.83	1.548	4,998	4,148	0.83	1.635	4,655	3,864	0.83	1.694
31	24	5,635	4,001	0.71	1.606	5,292	3,757	0.71	1.679	4,998	3,549	0.71	1.752
31	26	5,929	3,498	0.59	1.664	5,586	3,296	0.59	1.737	5,243	3,093	0.59	1.810
32	18	4,802	5,330	1.11	1.431	4,410	4,895	1.11	1.518	4,067	4,514	1.11	1.577
32	20	5,047	4,997	0.99	1.489	4,704	4,657	0.99	1.562	4,361	4,317	0.99	1.650
32	22	5,341	4,647	0.87	1.548	4,998	4,348	0.87	1.635	4,655	4,050	0.87	1.694
32	24	5,635	4,226	0.75	1.606	5,292	3,969	0.75	1.679	4,998	3,749	0.75	1.752
32	26	5,929	3,735	0.63	1.664	5,586	3,519	0.63	1.737	5,243	3,303	0.63	1.810

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M60JAL / SUZ-KA60VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	4,554	0.68	1.320	6,413	4,361	0.68	1.386	6,156	4,186	0.68	1.452	5,928	4,031	0.68	1.518
21	20	6,983	3,910	0.56	1.386	6,698	3,751	0.56	1.469	6,498	3,639	0.56	1.502	6,270	3,511	0.56	1.568
22	18	6,698	4,822	0.72	1.320	6,413	4,617	0.72	1.386	6,156	4,432	0.72	1.452	5,928	4,268	0.72	1.518
22	20	6,983	4,190	0.60	1.386	6,698	4,019	0.60	1.469	6,498	3,899	0.60	1.502	6,270	3,762	0.60	1.568
22	22	7,268	3,488	0.48	1.436	7,011	3,365	0.48	1.526	6,840	3,283	0.48	1.568	6,555	3,146	0.48	1.634
23	18	6,698	5,090	0.76	1.320	6,413	4,874	0.76	1.386	6,156	4,679	0.76	1.452	5,928	4,505	0.76	1.518
23	20	6,983	4,469	0.64	1.386	6,698	4,286	0.64	1.469	6,498	4,159	0.64	1.502	6,270	4,013	0.64	1.568
23	22	7,268	3,779	0.52	1.436	7,011	3,646	0.52	1.526	6,840	3,557	0.52	1.568	6,555	3,409	0.52	1.634
24	18	6,698	5,358	0.80	1.320	6,413	5,130	0.80	1.386	6,156	4,925	0.80	1.452	5,928	4,742	0.80	1.518
24	20	6,983	4,748	0.68	1.386	6,698	4,554	0.68	1.469	6,498	4,419	0.68	1.502	6,270	4,264	0.68	1.568
24	22	7,268	4,070	0.56	1.436	7,011	3,926	0.56	1.526	6,840	3,830	0.56	1.568	6,555	3,671	0.56	1.634
24	24	7,638	3,361	0.44	1.502	7,353	3,235	0.44	1.584	7,182	3,160	0.44	1.634	6,954	3,060	0.44	1.716
25	20	6,983	5,027	0.72	1.386	6,698	4,822	0.72	1.469	6,498	4,679	0.72	1.502	6,270	4,514	0.72	1.568
25	22	7,268	4,361	0.60	1.436	7,011	4,207	0.60	1.526	6,840	4,104	0.60	1.568	6,555	3,933	0.60	1.634
25	24	7,638	3,666	0.48	1.502	7,353	3,529	0.48	1.584	7,182	3,447	0.48	1.634	6,954	3,338	0.48	1.716
26	18	6,698	5,894	0.88	1.320	6,413	5,643	0.88	1.386	6,156	5,417	0.88	1.452	5,928	5,217	0.88	1.518
26	20	6,983	5,307	0.76	1.386	6,698	5,090	0.76	1.469	6,498	4,938	0.76	1.502	6,270	4,765	0.76	1.568
26	22	7,268	4,651	0.64	1.436	7,011	4,487	0.64	1.526	6,840	4,378	0.64	1.568	6,555	4,195	0.64	1.634
26	24	7,638	3,972	0.52	1.502	7,353	3,824	0.52	1.584	7,182	3,735	0.52	1.634	6,954	3,616	0.52	1.716
26	26	7,866	3,146	0.40	1.584	7,638	3,055	0.40	1.667	7,524	3,010	0.40	1.716	7,296	2,918	0.40	1.766
27	18	6,698	6,162	0.92	1.320	6,413	5,900	0.92	1.386	6,156	5,664	0.92	1.452	5,928	5,454	0.92	1.518
27	20	6,983	5,586	0.80	1.386	6,698	5,358	0.80	1.469	6,498	5,198	0.80	1.502	6,270	5,016	0.80	1.568
27	22	7,268	4,942	0.68	1.436	7,011	4,767	0.68	1.526	6,840	4,651	0.68	1.568	6,555	4,457	0.68	1.634
27	24	7,638	4,277	0.56	1.502	7,353	4,118	0.56	1.584	7,182	4,022	0.56	1.634	6,954	3,894	0.56	1.716
27	26	7,866	3,461	0.44	1.584	7,638	3,361	0.44	1.667	7,524	3,311	0.44	1.716	7,296	3,210	0.44	1.766
28	18	6,698	6,430	0.96	1.320	6,413	6,156	0.96	1.386	6,156	5,910	0.96	1.452	5,928	5,691	0.96	1.518
28	20	6,983	5,865	0.84	1.386	6,698	5,626	0.84	1.469	6,498	5,458	0.84	1.502	6,270	5,267	0.84	1.568
28	22	7,268	5,233	0.72	1.436	7,011	5,048	0.72	1.526	6,840	4,925	0.72	1.568	6,555	4,720	0.72	1.634
28	24	7,638	4,583	0.60	1.502	7,353	4,412	0.60	1.584	7,182	4,309	0.60	1.634	6,954	4,172	0.60	1.716
28	26	7,866	3,776	0.48	1.584	7,638	3,666	0.48	1.667	7,524	3,612	0.48	1.716	7,296	3,502	0.48	1.766
29	18	6,698	6,698	1.00	1.320	6,413	6,413	1.00	1.386	6,156	6,156	1.00	1.452	5,928	5,928	1.00	1.518
29	20	6,983	6,145	0.88	1.386	6,698	5,894	0.88	1.469	6,498	5,718	0.88	1.502	6,270	5,518	0.88	1.568
29	22	7,268	5,523	0.76	1.436	7,011	5,328	0.76	1.526	6,840	5,198	0.76	1.568	6,555	4,982	0.76	1.634
29	24	7,638	4,888	0.64	1.502	7,353	4,706	0.64	1.584	7,182	4,596	0.64	1.634	6,954	4,451	0.64	1.716
29	26	7,866	4,090	0.52	1.584	7,638	3,972	0.52	1.667	7,524	3,912	0.52	1.716	7,296	3,794	0.52	1.766
30	18	6,698	6,965	1.04	1.320	6,413	6,669	1.04	1.386	6,156	6,402	1.04	1.452	5,928	6,165	1.04	1.518
30	20	6,983	6,424	0.92	1.386	6,698	6,162	0.92	1.469	6,498	5,978	0.92	1.502	6,270	5,768	0.92	1.568
30	22	7,268	5,814	0.80	1.436	7,011	5,609	0.80	1.526	6,840	5,472	0.80	1.568	6,555	5,244	0.80	1.634
30	24	7,638	5,194	0.68	1.502	7,353	5,000	0.68	1.584	7,182	4,884	0.68	1.634	6,954	4,729	0.68	1.716
30	26	7,866	4,405	0.56	1.584	7,638	4,277	0.56	1.667	7,524	4,213	0.56	1.716	7,296	4,086	0.56	1.766
31	18	6,698	7,233	1.08	1.320	6,413	6,926	1.08	1.386	6,156	6,648	1.08	1.452	5,928	6,402	1.08	1.518
31	20	6,983	6,703	0.96	1.386	6,698	6,430	0.96	1.469	6,498	6,238	0.96	1.502	6,270	6,019	0.96	1.568
31	22	7,268	6,105	0.84	1.436	7,011	5,889	0.84	1.526	6,840	5,746	0.84	1.568	6,555	5,506	0.84	1.634
31	24	7,638	5,499	0.72	1.502	7,353	5,294	0.72	1.584	7,182	5,171	0.72	1.634	6,954	5,007	0.72	1.716
31	26	7,866	4,720	0.60	1.584	7,638	4,583	0.60	1.667	7,524	4,514	0.60	1.716	7,296	4,378	0.60	1.766
32	18	6,698	7,501	1.12	1.320	6,413	7,182	1.12	1.386	6,156	6,895	1.12	1.452	5,928	6,639	1.12	1.518
32	20	6,983	6,983	1.00	1.386	6,698	6,698	1.00	1.469	6,498	6,498	1.00	1.502	6,270	6,270	1.00	1.568
32	22	7,268	6,395	0.88	1.436	7,011	6,170	0.88	1.526	6,840	6,019	0.88	1.568	6,555	5,768	0.88	1.634
32	24	7,638	5,805	0.76	1.502	7,353	5,588	0.76	1.584	7,182	5,458	0.76	1.634	6,954	5,285	0.76	1.716
32	26	7,866	5,034	0.64	1.584	7,638	4,888	0.64	1.667	7,524	4,815	0.64	1.716	7,296	4,669	0.64	1.766

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M60JAL / SUZ-KA60VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,586	3,798	0.68	1.617	5,130	3,488	0.68	1.716	4,731	3,217	0.68	1.782
21	20	5,871	3,288	0.56	1.683	5,472	3,064	0.56	1.766	5,073	2,841	0.56	1.865
22	18	5,586	4,022	0.72	1.617	5,130	3,694	0.72	1.716	4,731	3,406	0.72	1.782
22	20	5,871	3,523	0.60	1.683	5,472	3,283	0.60	1.766	5,073	3,044	0.60	1.865
22	22	6,213	2,982	0.48	1.749	5,814	2,791	0.48	1.848	5,415	2,599	0.48	1.914
23	18	5,586	4,245	0.76	1.617	5,130	3,899	0.76	1.716	4,731	3,596	0.76	1.782
23	20	5,871	3,757	0.64	1.683	5,472	3,502	0.64	1.766	5,073	3,247	0.64	1.865
23	22	6,213	3,231	0.52	1.749	5,814	3,023	0.52	1.848	5,415	2,816	0.52	1.914
24	18	5,586	4,469	0.80	1.617	5,130	4,104	0.80	1.716	4,731	3,785	0.80	1.782
24	20	5,871	3,992	0.68	1.683	5,472	3,721	0.68	1.766	5,073	3,450	0.68	1.865
24	22	6,213	3,479	0.56	1.749	5,814	3,256	0.56	1.848	5,415	3,032	0.56	1.914
24	24	6,555	2,884	0.44	1.815	6,156	2,709	0.44	1.898	5,814	2,558	0.44	1.980
25	20	5,871	4,227	0.72	1.683	5,472	3,940	0.72	1.766	5,073	3,653	0.72	1.865
25	22	6,213	3,728	0.60	1.749	5,814	3,488	0.60	1.848	5,415	3,249	0.60	1.914
25	24	6,555	3,146	0.48	1.815	6,156	2,955	0.48	1.898	5,814	2,791	0.48	1.980
26	18	5,586	4,916	0.88	1.617	5,130	4,514	0.88	1.716	4,731	4,163	0.88	1.782
26	20	5,871	4,462	0.76	1.683	5,472	4,159	0.76	1.766	5,073	3,855	0.76	1.865
26	22	6,213	3,976	0.64	1.749	5,814	3,721	0.64	1.848	5,415	3,466	0.64	1.914
26	24	6,555	3,409	0.52	1.815	6,156	3,201	0.52	1.898	5,814	3,023	0.52	1.980
26	26	6,897	2,759	0.40	1.881	6,498	2,599	0.40	1.964	6,099	2,440	0.40	2.046
27	18	5,586	5,139	0.92	1.617	5,130	4,720	0.92	1.716	4,731	4,353	0.92	1.782
27	20	5,871	4,697	0.80	1.683	5,472	4,378	0.80	1.766	5,073	4,058	0.80	1.865
27	22	6,213	4,225	0.68	1.749	5,814	3,954	0.68	1.848	5,415	3,682	0.68	1.914
27	24	6,555	3,671	0.56	1.815	6,156	3,447	0.56	1.898	5,814	3,256	0.56	1.980
27	26	6,897	3,035	0.44	1.881	6,498	2,859	0.44	1.964	6,099	2,684	0.44	2.046
28	18	5,586	5,363	0.96	1.617	5,130	4,925	0.96	1.716	4,731	4,542	0.96	1.782
28	20	5,871	4,932	0.84	1.683	5,472	4,596	0.84	1.766	5,073	4,261	0.84	1.865
28	22	6,213	4,473	0.72	1.749	5,814	4,186	0.72	1.848	5,415	3,899	0.72	1.914
28	24	6,555	3,933	0.60	1.815	6,156	3,694	0.60	1.898	5,814	3,488	0.60	1.980
28	26	6,897	3,311	0.48	1.881	6,498	3,119	0.48	1.964	6,099	2,928	0.48	2.046
29	18	5,586	5,586	1.00	1.617	5,130	5,130	1.00	1.716	4,731	4,731	1.00	1.782
29	20	5,871	5,166	0.88	1.683	5,472	4,815	0.88	1.766	5,073	4,464	0.88	1.865
29	22	6,213	4,722	0.76	1.749	5,814	4,419	0.76	1.848	5,415	4,115	0.76	1.914
29	24	6,555	4,195	0.64	1.815	6,156	3,940	0.64	1.898	5,814	3,721	0.64	1.980
29	26	6,897	3,586	0.52	1.881	6,498	3,379	0.52	1.964	6,099	3,171	0.52	2.046
30	18	5,586	5,809	1.04	1.617	5,130	5,335	1.04	1.716	4,731	4,920	1.04	1.782
30	20	5,871	5,401	0.92	1.683	5,472	5,034	0.92	1.766	5,073	4,667	0.92	1.865
30	22	6,213	4,970	0.80	1.749	5,814	4,651	0.80	1.848	5,415	4,332	0.80	1.914
30	24	6,555	4,457	0.68	1.815	6,156	4,186	0.68	1.898	5,814	3,954	0.68	1.980
30	26	6,897	3,862	0.56	1.881	6,498	3,639	0.56	1.964	6,099	3,415	0.56	2.046
31	18	5,586	6,033	1.08	1.617	5,130	5,540	1.08	1.716	4,731	5,109	1.08	1.782
31	20	5,871	5,636	0.96	1.683	5,472	5,253	0.96	1.766	5,073	4,870	0.96	1.865
31	22	6,213	5,219	0.84	1.749	5,814	4,884	0.84	1.848	5,415	4,549	0.84	1.914
31	24	6,555	4,720	0.72	1.815	6,156	4,432	0.72	1.898	5,814	4,186	0.72	1.980
31	26	6,897	4,138	0.60	1.881	6,498	3,899	0.60	1.964	6,099	3,659	0.60	2.046
32	18	5,586	6,256	1.12	1.617	5,130	5,746	1.12	1.716	4,731	5,299	1.12	1.782
32	20	5,871	5,871	1.00	1.683	5,472	5,472	1.00	1.766	5,073	5,073	1.00	1.865
32	22	6,213	5,467	0.88	1.749	5,814	5,116	0.88	1.848	5,415	4,765	0.88	1.914
32	24	6,555	4,982	0.76	1.815	6,156	4,679	0.76	1.898	5,814	4,419	0.76	1.980
32	26	6,897	4,414	0.64	1.881	6,498	4,159	0.64	1.964	6,099	3,903	0.64	2.046

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JAL / SUZ-KA71VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.648	7,988	5,192	0.65	1.730	7,668	4,984	0.65	1.813	7,384	4,800	0.65	1.895
21	20	8,698	4,610	0.53	1.730	8,343	4,422	0.53	1.833	8,094	4,290	0.53	1.875	7,810	4,139	0.53	1.957
22	18	8,343	5,756	0.69	1.648	7,988	5,511	0.69	1.730	7,668	5,291	0.69	1.813	7,384	5,095	0.69	1.895
22	20	8,698	4,958	0.57	1.730	8,343	4,755	0.57	1.833	8,094	4,614	0.57	1.875	7,810	4,452	0.57	1.957
22	22	9,053	4,074	0.45	1.792	8,733	3,930	0.45	1.906	8,520	3,834	0.45	1.957	8,165	3,674	0.45	2.039
23	18	8,343	6,090	0.73	1.648	7,988	5,831	0.73	1.730	7,668	5,598	0.73	1.813	7,384	5,390	0.73	1.895
23	20	8,698	5,305	0.61	1.730	8,343	5,089	0.61	1.833	8,094	4,937	0.61	1.875	7,810	4,764	0.61	1.957
23	22	9,053	4,436	0.49	1.792	8,733	4,279	0.49	1.906	8,520	4,175	0.49	1.957	8,165	4,001	0.49	2.039
24	18	8,343	6,424	0.77	1.648	7,988	6,150	0.77	1.730	7,668	5,904	0.77	1.813	7,384	5,686	0.77	1.895
24	20	8,698	5,653	0.65	1.730	8,343	5,423	0.65	1.833	8,094	5,261	0.65	1.875	7,810	5,077	0.65	1.957
24	22	9,053	4,798	0.53	1.792	8,733	4,628	0.53	1.906	8,520	4,516	0.53	1.957	8,165	4,327	0.53	2.039
24	24	9,514	3,901	0.41	1.875	9,159	3,755	0.41	1.978	8,946	3,668	0.41	2.039	8,662	3,551	0.41	2.142
25	20	8,698	6,001	0.69	1.730	8,343	5,756	0.69	1.833	8,094	5,585	0.69	1.875	7,810	5,389	0.69	1.957
25	22	9,053	5,160	0.57	1.792	8,733	4,978	0.57	1.906	8,520	4,856	0.57	1.957	8,165	4,654	0.57	2.039
25	24	9,514	4,281	0.45	1.875	9,159	4,122	0.45	1.978	8,946	4,026	0.45	2.039	8,662	3,898	0.45	2.142
26	18	8,343	7,091	0.85	1.648	7,988	6,789	0.85	1.730	7,668	6,518	0.85	1.813	7,384	6,276	0.85	1.895
26	20	8,698	6,349	0.73	1.730	8,343	6,090	0.73	1.833	8,094	5,909	0.73	1.875	7,810	5,701	0.73	1.957
26	22	9,053	5,522	0.61	1.792	8,733	5,327	0.61	1.906	8,520	5,197	0.61	1.957	8,165	4,981	0.61	2.039
26	24	9,514	4,662	0.49	1.875	9,159	4,488	0.49	1.978	8,946	4,384	0.49	2.039	8,662	4,244	0.49	2.142
26	26	9,798	3,625	0.37	1.978	9,514	3,520	0.37	2.081	9,372	3,468	0.37	2.142	9,088	3,363	0.37	2.204
27	18	8,343	7,425	0.89	1.648	7,988	7,109	0.89	1.730	7,668	6,825	0.89	1.813	7,384	6,572	0.89	1.895
27	20	8,698	6,697	0.77	1.730	8,343	6,424	0.77	1.833	8,094	6,232	0.77	1.875	7,810	6,014	0.77	1.957
27	22	9,053	5,884	0.65	1.792	8,733	5,676	0.65	1.906	8,520	5,538	0.65	1.957	8,165	5,307	0.65	2.039
27	24	9,514	5,042	0.53	1.875	9,159	4,854	0.53	1.978	8,946	4,741	0.53	2.039	8,662	4,591	0.53	2.142
27	26	9,798	4,017	0.41	1.978	9,514	3,901	0.41	2.081	9,372	3,843	0.41	2.142	9,088	3,726	0.41	2.204
28	18	8,343	7,759	0.93	1.648	7,988	7,428	0.93	1.730	7,668	7,131	0.93	1.813	7,384	6,867	0.93	1.895
28	20	8,698	7,045	0.81	1.730	8,343	6,757	0.81	1.833	8,094	6,556	0.81	1.875	7,810	6,326	0.81	1.957
28	22	9,053	6,246	0.69	1.792	8,733	6,026	0.69	1.906	8,520	5,879	0.69	1.957	8,165	5,634	0.69	2.039
28	24	9,514	5,423	0.57	1.875	9,159	5,221	0.57	1.978	8,946	5,099	0.57	2.039	8,662	4,937	0.57	2.142
28	26	9,798	4,409	0.45	1.978	9,514	4,281	0.45	2.081	9,372	4,217	0.45	2.142	9,088	4,090	0.45	2.204
29	18	8,343	8,092	0.97	1.648	7,988	7,748	0.97	1.730	7,668	7,438	0.97	1.813	7,384	7,162	0.97	1.895
29	20	8,698	7,393	0.85	1.730	8,343	7,091	0.85	1.833	8,094	6,880	0.85	1.875	7,810	6,639	0.85	1.957
29	22	9,053	6,608	0.73	1.792	8,733	6,375	0.73	1.906	8,520	6,220	0.73	1.957	8,165	5,960	0.73	2.039
29	24	9,514	5,804	0.61	1.875	9,159	5,587	0.61	1.978	8,946	5,457	0.61	2.039	8,662	5,284	0.61	2.142
29	26	9,798	4,801	0.49	1.978	9,514	4,662	0.49	2.081	9,372	4,592	0.49	2.142	9,088	4,453	0.49	2.204
30	18	8,343	8,426	1.01	1.648	7,988	8,067	1.01	1.730	7,668	7,745	1.01	1.813	7,384	7,458	1.01	1.895
30	20	8,698	7,741	0.89	1.730	8,343	7,425	0.89	1.833	8,094	7,204	0.89	1.875	7,810	6,951	0.89	1.957
30	22	9,053	6,970	0.77	1.792	8,733	6,724	0.77	1.906	8,520	6,560	0.77	1.957	8,165	6,287	0.77	2.039
30	24	9,514	6,184	0.65	1.875	9,159	5,953	0.65	1.978	8,946	5,815	0.65	2.039	8,662	5,630	0.65	2.142
30	26	9,798	5,193	0.53	1.978	9,514	5,042	0.53	2.081	9,372	4,967	0.53	2.142	9,088	4,817	0.53	2.204
31	18	8,343	8,760	1.05	1.648	7,988	8,387	1.05	1.730	7,668	8,051	1.05	1.813	7,384	7,753	1.05	1.895
31	20	8,698	8,089	0.93	1.730	8,343	7,759	0.93	1.833	8,094	7,527	0.93	1.875	7,810	7,263	0.93	1.957
31	22	9,053	7,333	0.81	1.792	8,733	7,074	0.81	1.906	8,520	6,901	0.81	1.957	8,165	6,614	0.81	2.039
31	24	9,514	6,565	0.69	1.875	9,159	6,320	0.69	1.978	8,946	6,173	0.69	2.039	8,662	5,977	0.69	2.142
31	26	9,798	5,585	0.57	1.978	9,514	5,423	0.57	2.081	9,372	5,342	0.57	2.142	9,088	5,180	0.57	2.204
32	18	8,343	9,093	1.09	1.648	7,988	8,706	1.09	1.730	7,668	8,358	1.09	1.813	7,384	8,049	1.09	1.895
32	20	8,698	8,437	0.97	1.730	8,343	8,092	0.97	1.833	8,094	7,851	0.97	1.875	7,810	7,576	0.97	1.957
32	22	9,053	7,695	0.85	1.792	8,733	7,423	0.85	1.906	8,520	7,242	0.85	1.957	8,165	6,940	0.85	2.039
32	24	9,514	6,945	0.73	1.875	9,159	6,686	0.73	1.978	8,946	6,531	0.73	2.039	8,662	6,323	0.73	2.142
32	26	9,798	5,977	0.61	1.978	9,514	5,804	0.61	2.081	9,372	5,717	0.61	2.142	9,088	5,544	0.61	2.204

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JAL / SUZ-KA71VA6

INDOOR D.B.(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.019	6,390	4,154	0.65	2.142	5,893	3,830	0.65	2.225
21	20	7,313	3,876	0.53	2.101	6,816	3,612	0.53	2.204	6,319	3,349	0.53	2.328
22	18	6,958	4,801	0.69	2.019	6,390	4,409	0.69	2.142	5,893	4,066	0.69	2.225
22	20	7,313	4,168	0.57	2.101	6,816	3,885	0.57	2.204	6,319	3,602	0.57	2.328
22	22	7,739	3,483	0.45	2.184	7,242	3,259	0.45	2.307	6,745	3,035	0.45	2.390
23	18	6,958	5,079	0.73	2.019	6,390	4,665	0.73	2.142	5,893	4,302	0.73	2.225
23	20	7,313	4,461	0.61	2.101	6,816	4,158	0.61	2.204	6,319	3,855	0.61	2.328
23	22	7,739	3,792	0.49	2.184	7,242	3,549	0.49	2.307	6,745	3,305	0.49	2.390
24	18	6,958	5,358	0.77	2.019	6,390	4,920	0.77	2.142	5,893	4,538	0.77	2.225
24	20	7,313	4,753	0.65	2.101	6,816	4,430	0.65	2.204	6,319	4,107	0.65	2.328
24	22	7,739	4,102	0.53	2.184	7,242	3,838	0.53	2.307	6,745	3,575	0.53	2.390
24	24	8,165	3,348	0.41	2.266	7,668	3,144	0.41	2.369	7,242	2,969	0.41	2.472
25	20	7,313	5,046	0.69	2.101	6,816	4,703	0.69	2.204	6,319	4,360	0.69	2.328
25	22	7,739	4,411	0.57	2.184	7,242	4,128	0.57	2.307	6,745	3,845	0.57	2.390
25	24	8,165	3,674	0.45	2.266	7,668	3,451	0.45	2.369	7,242	3,259	0.45	2.472
26	18	6,958	5,914	0.85	2.019	6,390	5,432	0.85	2.142	5,893	5,009	0.85	2.225
26	20	7,313	5,338	0.73	2.101	6,816	4,976	0.73	2.204	6,319	4,613	0.73	2.328
26	22	7,739	4,721	0.61	2.184	7,242	4,418	0.61	2.307	6,745	4,114	0.61	2.390
26	24	8,165	4,001	0.49	2.266	7,668	3,757	0.49	2.369	7,242	3,549	0.49	2.472
26	26	8,591	3,179	0.37	2.348	8,094	2,995	0.37	2.451	7,597	2,811	0.37	2.554
27	18	6,958	6,193	0.89	2.019	6,390	5,687	0.89	2.142	5,893	5,245	0.89	2.225
27	20	7,313	5,631	0.77	2.101	6,816	5,248	0.77	2.204	6,319	4,866	0.77	2.328
27	22	7,739	5,030	0.65	2.184	7,242	4,707	0.65	2.307	6,745	4,384	0.65	2.390
27	24	8,165	4,327	0.53	2.266	7,668	4,064	0.53	2.369	7,242	3,838	0.53	2.472
27	26	8,591	3,522	0.41	2.348	8,094	3,319	0.41	2.451	7,597	3,115	0.41	2.554
28	18	6,958	6,471	0.93	2.019	6,390	5,943	0.93	2.142	5,893	5,480	0.93	2.225
28	20	7,313	5,924	0.81	2.101	6,816	5,521	0.81	2.204	6,319	5,118	0.81	2.328
28	22	7,739	5,340	0.69	2.184	7,242	4,997	0.69	2.307	6,745	4,654	0.69	2.390
28	24	8,165	4,654	0.57	2.266	7,668	4,371	0.57	2.369	7,242	4,128	0.57	2.472
28	26	8,591	3,866	0.45	2.348	8,094	3,642	0.45	2.451	7,597	3,419	0.45	2.554
29	18	6,958	6,749	0.97	2.019	6,390	6,198	0.97	2.142	5,893	5,716	0.97	2.225
29	20	7,313	6,216	0.85	2.101	6,816	5,794	0.85	2.204	6,319	5,371	0.85	2.328
29	22	7,739	5,649	0.73	2.184	7,242	5,287	0.73	2.307	6,745	4,924	0.73	2.390
29	24	8,165	4,981	0.61	2.266	7,668	4,677	0.61	2.369	7,242	4,418	0.61	2.472
29	26	8,591	4,210	0.49	2.348	8,094	3,966	0.49	2.451	7,597	3,723	0.49	2.554
30	18	6,958	7,028	1.01	2.019	6,390	6,454	1.01	2.142	5,893	5,952	1.01	2.225
30	20	7,313	6,509	0.89	2.101	6,816	6,066	0.89	2.204	6,319	5,624	0.89	2.328
30	22	7,739	5,959	0.77	2.184	7,242	5,576	0.77	2.307	6,745	5,194	0.77	2.390
30	24	8,165	5,307	0.65	2.266	7,668	4,984	0.65	2.369	7,242	4,707	0.65	2.472
30	26	8,591	4,553	0.53	2.348	8,094	4,290	0.53	2.451	7,597	4,026	0.53	2.554
31	18	6,958	7,306	1.05	2.019	6,390	6,710	1.05	2.142	5,893	6,188	1.05	2.225
31	20	7,313	6,801	0.93	2.101	6,816	6,339	0.93	2.204	6,319	5,877	0.93	2.328
31	22	7,739	6,269	0.81	2.184	7,242	5,866	0.81	2.307	6,745	5,463	0.81	2.390
31	24	8,165	5,634	0.69	2.266	7,668	5,291	0.69	2.369	7,242	4,997	0.69	2.472
31	26	8,591	4,897	0.57	2.348	8,094	4,614	0.57	2.451	7,597	4,330	0.57	2.554
32	18	6,958	7,584	1.09	2.019	6,390	6,965	1.09	2.142	5,893	6,423	1.09	2.225
32	20	7,313	7,094	0.97	2.101	6,816	6,612	0.97	2.204	6,319	6,129	0.97	2.328
32	22	7,739	6,578	0.85	2.184	7,242	6,156	0.85	2.307	6,745	5,733	0.85	2.390
32	24	8,165	5,960	0.73	2.266	7,668	5,598	0.73	2.369	7,242	5,287	0.73	2.472
32	26	8,591	5,241	0.61	2.348	8,094	4,937	0.61	2.451	7,597	4,634	0.61	2.554

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M100JA(L) / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,700	0.72	2.38	9,024	6,497	0.72	2.52	8,742	6,294	0.72	2.67
20	18	9,964	5,978	0.60	2.43	9,682	5,809	0.60	2.56	9,353	5,612	0.60	2.74
20	20	10,716	5,144	0.48	2.50	10,481	5,031	0.48	2.62	10,199	4,896	0.48	2.80
22	16	9,306	7,445	0.80	2.38	9,024	7,219	0.80	2.52	8,742	6,994	0.80	2.67
22	18	9,964	6,776	0.68	2.43	9,682	6,584	0.68	2.56	9,353	6,360	0.68	2.74
22	20	10,716	6,001	0.56	2.50	10,481	5,869	0.56	2.62	10,199	5,711	0.56	2.80
24	16	9,306	8,189	0.88	2.38	9,024	7,941	0.88	2.52	8,742	7,693	0.88	2.67
24	18	9,964	7,573	0.76	2.43	9,682	7,358	0.76	2.56	9,353	7,108	0.76	2.74
24	20	10,716	6,858	0.64	2.50	10,481	6,708	0.64	2.62	10,199	6,527	0.64	2.80
24	22	11,421	5,939	0.52	2.56	11,186	5,817	0.52	2.71	10,904	5,670	0.52	2.89
26	16	9,306	8,934	0.96	2.38	9,024	8,663	0.96	2.52	8,742	8,392	0.96	2.67
26	18	9,964	8,370	0.84	2.43	9,682	8,133	0.84	2.56	9,353	7,857	0.84	2.74
26	20	10,716	7,716	0.72	2.50	10,481	7,546	0.72	2.62	10,199	7,343	0.72	2.80
26	22	11,421	6,853	0.60	2.56	11,186	6,712	0.60	2.71	10,904	6,542	0.60	2.89
27	16	9,306	9,306	1.00	2.38	9,024	9,024	1.00	2.52	8,742	8,742	1.00	2.67
27	18	9,964	8,768	0.88	2.43	9,682	8,520	0.88	2.56	9,353	8,231	0.88	2.74
27	20	10,716	8,144	0.76	2.50	10,481	7,966	0.76	2.62	10,199	7,751	0.76	2.80
27	22	11,421	7,309	0.64	2.56	11,186	7,159	0.64	2.71	10,904	6,979	0.64	2.89
28	16	9,306	9,306	1.00	2.38	9,024	9,024	1.00	2.52	8,742	8,742	1.00	2.67
28	18	9,964	9,167	0.92	2.43	9,682	8,907	0.92	2.56	9,353	8,605	0.92	2.74
28	20	10,716	8,573	0.80	2.50	10,481	8,385	0.80	2.62	10,199	8,159	0.80	2.80
28	22	11,421	7,766	0.68	2.56	11,186	7,606	0.68	2.71	10,904	7,415	0.68	2.89
30	16	9,306	9,306	1.00	2.38	9,024	9,024	1.00	2.52	8,742	8,742	1.00	2.67
30	18	9,964	9,964	1.00	2.43	9,682	9,682	1.00	2.56	9,353	9,353	1.00	2.74
30	20	10,716	9,430	0.88	2.50	10,481	9,223	0.88	2.62	10,199	8,975	0.88	2.80
30	22	11,421	8,680	0.76	2.56	11,186	8,501	0.76	2.71	10,904	8,287	0.76	2.89
32	16	9,306	9,306	1.00	2.38	9,024	9,024	1.00	2.52	8,742	8,742	1.00	2.67
32	18	9,964	9,964	1.00	2.43	9,682	9,682	1.00	2.56	9,353	9,353	1.00	2.74
32	20	10,716	10,287	0.96	2.50	10,481	10,062	0.96	2.62	10,199	9,791	0.96	2.80
32	22	11,421	9,594	0.84	2.56	11,186	9,396	0.84	2.71	10,904	9,159	0.84	2.89
34	16	9,306	9,306	1.00	2.38	9,024	9,024	1.00	2.52	8,742	8,742	1.00	2.67
34	18	9,964	9,964	1.00	2.43	9,682	9,682	1.00	2.56	9,353	9,353	1.00	2.74
34	20	10,716	10,716	1.00	2.50	10,481	10,481	1.00	2.62	10,199	10,199	1.00	2.80
34	22	11,421	10,507	0.92	2.56	11,186	10,291	0.92	2.71	10,904	10,032	0.92	2.89

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	6,024	0.72	2.86	7,990	5,753	0.72	3.07	7,614	5,482	0.72	3.32
20	18	9,024	5,414	0.60	2.94	8,742	5,245	0.60	3.16	8,178	4,907	0.60	3.40
20	20	9,776	4,692	0.48	3.01	9,400	4,512	0.48	3.22	8,836	4,241	0.48	3.46
22	16	8,366	6,693	0.80	2.86	7,990	6,392	0.80	3.07	7,614	6,091	0.80	3.32
22	18	9,024	6,136	0.68	2.94	8,742	5,945	0.68	3.16	8,178	5,561	0.68	3.40
22	20	9,776	5,475	0.56	3.01	9,400	5,264	0.56	3.22	8,836	4,948	0.56	3.46
24	16	8,366	7,362	0.88	2.86	7,990	7,031	0.88	3.07	7,614	6,700	0.88	3.32
24	18	9,024	6,858	0.76	2.94	8,742	6,644	0.76	3.16	8,178	6,215	0.76	3.40
24	20	9,776	6,257	0.64	3.01	9,400	6,016	0.64	3.22	8,836	5,655	0.64	3.46
24	22	10,528	5,475	0.52	3.07	10,152	5,279	0.52	3.31	9,588	4,986	0.52	3.52
26	16	8,366	8,031	0.96	2.86	7,990	7,670	0.96	3.07	7,614	7,309	0.96	3.32
26	18	9,024	7,580	0.84	2.94	8,742	7,343	0.84	3.16	8,178	6,870	0.84	3.40
26	20	9,776	7,039	0.72	3.01	9,400	6,768	0.72	3.22	8,836	6,362	0.72	3.46
26	22	10,528	6,317	0.60	3.07	10,152	6,091	0.60	3.31	9,588	5,753	0.60	3.52
27	16	8,366	8,366	1.00	2.86	7,990	7,990	1.00	3.07	7,614	7,614	1.00	3.32
27	18	9,024	7,941	0.88	2.94	8,742	7,693	0.88	3.16	8,178	7,197	0.88	3.40
27	20	9,776	7,430	0.76	3.01	9,400	7,144	0.76	3.22	8,836	6,715	0.76	3.46
27	22	10,528	6,738	0.64	3.07	10,152	6,497	0.64	3.31	9,588	6,136	0.64	3.52
28	16	8,366	8,366	1.00	2.86	7,990	7,990	1.00	3.07	7,614	7,614	1.00	3.32
28	18	9,024	8,302	0.92	2.94	8,742	8,043	0.92	3.16	8,178	7,524	0.92	3.40
28	20	9,776	7,821	0.80	3.01	9,400	7,520	0.80	3.22	8,836	7,069	0.80	3.46
28	22	10,528	7,159	0.68	3.07	10,152	6,903	0.68	3.31	9,588	6,520	0.68	3.52
30	16	8,366	8,366	1.00	2.86	7,990	7,990	1.00	3.07	7,614	7,614	1.00	3.32
30	18	9,024	9,024	1.00	2.94	8,742	8,742	1.00	3.16	8,178	8,178	1.00	3.40
30	20	9,776	8,603	0.88	3.01	9,400	8,272	0.88	3.22	8,836	7,776	0.88	3.46
30	22	10,528	8,001	0.76	3.07	10,152	7,716	0.76	3.31	9,588	7,287	0.76	3.52
32	16	8,366	8,366	1.00	2.86	7,990	7,990	1.00	3.07	7,614	7,614	1.00	3.32
32	18	9,024	9,024	1.00	2.94	8,742	8,742	1.00	3.16	8,178	8,178	1.00	3.40
32	20	9,776	9,385	0.96	3.01	9,400	9,024	0.96	3.22	8,836	8,483	0.96	3.46
32	22	10,528	8,844	0.84	3.07	10,152	8,528	0.84	3.31	9,588	8,054	0.84	3.52
34	16	8,366	8,366	1.00	2.86	7,990	7,990	1.00	3.07	7,614	7,614	1.00	3.32
34	18	9,024	9,024	1.00	2.94	8,742	8,742	1.00	3.16	8,178	8,178	1.00	3.40
34	20	9,776	9,776	1.00	3.01	9,400	9,400	1.00	3.22	8,836	8,836	1.00	3.46
34	22	10,528	9,686	0.92	3.07	10,152	9,340	0.92	3.31	9,588	8,821	0.92	3.52

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

COOLING CAPACITY
PEAD-M125JA(L) / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	8,864	0.74	3.32	11,616	8,596	0.74	3.51	11,253	8,327	0.74	3.71
20	18	12,826	7,952	0.62	3.38	12,463	7,727	0.62	3.57	12,040	7,464	0.62	3.82
20	20	13,794	6,897	0.50	3.49	13,492	6,746	0.50	3.65	13,129	6,564	0.50	3.90
22	16	11,979	9,823	0.82	3.32	11,616	9,525	0.82	3.51	11,253	9,227	0.82	3.71
22	18	12,826	8,978	0.70	3.38	12,463	8,724	0.70	3.57	12,040	8,428	0.70	3.82
22	20	13,794	8,001	0.58	3.49	13,492	7,825	0.58	3.65	13,129	7,615	0.58	3.90
24	16	11,979	10,781	0.90	3.32	11,616	10,454	0.90	3.51	11,253	10,128	0.90	3.71
24	18	12,826	10,004	0.78	3.38	12,463	9,721	0.78	3.57	12,040	9,391	0.78	3.82
24	20	13,794	9,104	0.66	3.49	13,492	8,904	0.66	3.65	13,129	8,665	0.66	3.90
24	22	14,702	7,939	0.54	3.57	14,399	7,775	0.54	3.78	14,036	7,579	0.54	4.03
26	16	11,979	11,739	0.98	3.32	11,616	11,384	0.98	3.51	11,253	11,028	0.98	3.71
26	18	12,826	11,030	0.86	3.38	12,463	10,718	0.86	3.57	12,040	10,354	0.86	3.82
26	20	13,794	10,208	0.74	3.49	13,492	9,984	0.74	3.65	13,129	9,715	0.74	3.90
26	22	14,702	9,115	0.62	3.57	14,399	8,927	0.62	3.78	14,036	8,702	0.62	4.03
27	16	11,979	11,979	1.00	3.32	11,616	11,616	1.00	3.51	11,253	11,253	1.00	3.71
27	18	12,826	11,543	0.90	3.38	12,463	11,217	0.90	3.57	12,040	10,836	0.90	3.82
27	20	13,794	10,759	0.78	3.49	13,492	10,523	0.78	3.65	13,129	10,240	0.78	3.90
27	22	14,702	9,703	0.66	3.57	14,399	9,503	0.66	3.78	14,036	9,264	0.66	4.03
28	16	11,979	11,979	1.00	3.32	11,616	11,616	1.00	3.51	11,253	11,253	1.00	3.71
28	18	12,826	12,056	0.94	3.38	12,463	11,715	0.94	3.57	12,040	11,317	0.94	3.82
28	20	13,794	11,311	0.82	3.49	13,492	11,063	0.82	3.65	13,129	10,765	0.82	3.90
28	22	14,702	10,291	0.70	3.57	14,399	10,079	0.70	3.78	14,036	9,825	0.70	4.03
30	16	11,979	11,979	1.00	3.32	11,616	11,616	1.00	3.51	11,253	11,253	1.00	3.71
30	18	12,826	12,826	1.00	3.38	12,463	12,463	1.00	3.57	12,040	12,040	1.00	3.82
30	20	13,794	12,415	0.90	3.49	13,492	12,142	0.90	3.65	13,129	11,816	0.90	3.90
30	22	14,702	11,467	0.78	3.57	14,399	11,231	0.78	3.78	14,036	10,948	0.78	4.03
32	16	11,979	11,979	1.00	3.32	11,616	11,616	1.00	3.51	11,253	11,253	1.00	3.71
32	18	12,826	12,826	1.00	3.38	12,463	12,463	1.00	3.57	12,040	12,040	1.00	3.82
32	20	13,794	13,518	0.98	3.49	13,492	13,222	0.98	3.65	13,129	12,866	0.98	3.90
32	22	14,702	12,643	0.86	3.57	14,399	12,383	0.86	3.78	14,036	12,071	0.86	4.03
34	16	11,979	11,979	1.00	3.32	11,616	11,616	1.00	3.51	11,253	11,253	1.00	3.71
34	18	12,826	12,826	1.00	3.38	12,463	12,463	1.00	3.57	12,040	12,040	1.00	3.82
34	20	13,794	13,794	1.00	3.49	13,492	13,492	1.00	3.65	13,129	13,129	1.00	3.90
34	22	14,702	13,819	0.94	3.57	14,399	13,535	0.94	3.78	14,036	13,194	0.94	4.03

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	7,969	0.74	3.98	10,285	7,611	0.74	4.27	9,801	7,253	0.74	4.63
20	18	11,616	7,202	0.62	4.09	11,253	6,977	0.62	4.40	10,527	6,527	0.62	4.73
20	20	12,584	6,292	0.50	4.19	12,100	6,050	0.50	4.48	11,374	5,687	0.50	4.81
22	16	10,769	8,831	0.82	3.98	10,285	8,434	0.82	4.27	9,801	8,037	0.82	4.63
22	18	11,616	8,131	0.70	4.09	11,253	7,877	0.70	4.40	10,527	7,369	0.70	4.73
22	20	12,584	7,299	0.58	4.19	12,100	7,018	0.58	4.48	11,374	6,597	0.58	4.81
24	16	10,769	9,692	0.90	3.98	10,285	9,257	0.90	4.27	9,801	8,821	0.90	4.63
24	18	11,616	9,060	0.78	4.09	11,253	8,777	0.78	4.40	10,527	8,211	0.78	4.73
24	20	12,584	8,305	0.66	4.19	12,100	7,986	0.66	4.48	11,374	7,507	0.66	4.81
24	22	13,552	7,318	0.54	4.27	13,068	7,057	0.54	4.61	12,342	6,665	0.54	4.90
26	16	10,769	10,554	0.98	3.98	10,285	10,079	0.98	4.27	9,801	9,605	0.98	4.63
26	18	11,616	9,990	0.86	4.09	11,253	9,678	0.86	4.40	10,527	9,053	0.86	4.73
26	20	12,584	9,312	0.74	4.19	12,100	8,954	0.74	4.48	11,374	8,417	0.74	4.81
26	22	13,552	8,402	0.62	4.27	13,068	8,102	0.62	4.61	12,342	7,652	0.62	4.90
27	16	10,769	10,769	1.00	3.98	10,285	10,285	1.00	4.27	9,801	9,801	1.00	4.63
27	18	11,616	10,454	0.90	4.09	11,253	10,128	0.90	4.40	10,527	9,474	0.90	4.73
27	20	12,584	9,816	0.78	4.19	12,100	9,438	0.78	4.48	11,374	8,872	0.78	4.81
27	22	13,552	8,944	0.66	4.27	13,068	8,625	0.66	4.61	12,342	8,146	0.66	4.90
28	16	10,769	10,769	1.00	3.98	10,285	10,285	1.00	4.27	9,801	9,801	1.00	4.63
28	18	11,616	10,919	0.94	4.09	11,253	10,578	0.94	4.40	10,527	9,895	0.94	4.73
28	20	12,584	10,319	0.82	4.19	12,100	9,922	0.82	4.48	11,374	9,327	0.82	4.81
28	22	13,552	9,486	0.70	4.27	13,068	9,148	0.70	4.61	12,342	8,639	0.70	4.90
30	16	10,769	10,769	1.00	3.98	10,285	10,285	1.00	4.27	9,801	9,801	1.00	4.63
30	18	11,616	11,616	1.00	4.09	11,253	11,253	1.00	4.40	10,527	10,527	1.00	4.73
30	20	12,584	11,326	0.90	4.19	12,100	10,890	0.90	4.48	11,374	10,237	0.90	4.81
30	22	13,552	10,571	0.78	4.27	13,068	10,193	0.78	4.61	12,342	9,627	0.78	4.90
32	16	10,769	10,769	1.00	3.98	10,285	10,285	1.00	4.27	9,801	9,801	1.00	4.63
32	18	11,616	11,616	1.00	4.09	11,253	11,253	1.00	4.40	10,527	10,527	1.00	4.73
32	20	12,584	12,332	0.98	4.19	12,100	11,858	0.98	4.48	11,374	11,147	0.98	4.81
32	22	13,552	11,655	0.86	4.27	13,068	11,238	0.86	4.61	12,342	10,614	0.86	4.90
34	16	10,769	10,769	1.00	3.98	10,285	10,285	1.00	4.27	9,801	9,801	1.00	4.63
34	18	11,616	11,616	1.00	4.09	11,253	11,253	1.00	4.40	10,527	10,527	1.00	4.73
34	20	12,584	12,584	1.00	4.19	12,100	12,100	1.00	4.48	11,374	11,374	1.00	4.81
34	22	13,552	12,739	0.94	4.27	13,068	12,284	0.94	4.61	12,342	11,601	0.94	4.90

Note: CA : Capacity (W)
 P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
 W.B. : Wet-bulb temperature

COOLING CAPACITY

PEAD-M140JA(L) / 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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	9,963	0.74	4.17	13,056	9,661	0.74	4.40	12,648	9,360	0.74	4.66
20	18	14,416	8,938	0.62	4.25	14,008	8,685	0.62	4.48	13,532	8,390	0.62	4.79
20	20	15,504	7,752	0.50	4.38	15,164	7,582	0.50	4.58	14,756	7,378	0.50	4.90
22	16	13,464	11,040	0.82	4.17	13,056	10,706	0.82	4.40	12,648	10,371	0.82	4.66
22	18	14,416	10,091	0.70	4.25	14,008	9,806	0.70	4.48	13,532	9,472	0.70	4.79
22	20	15,504	8,992	0.58	4.38	15,164	8,795	0.58	4.58	14,756	8,558	0.58	4.90
24	16	13,464	12,118	0.90	4.17	13,056	11,750	0.90	4.40	12,648	11,383	0.90	4.66
24	18	14,416	11,244	0.78	4.25	14,008	10,926	0.78	4.48	13,532	10,555	0.78	4.79
24	20	15,504	10,233	0.66	4.38	15,164	10,008	0.66	4.58	14,756	9,739	0.66	4.90
24	22	16,524	8,923	0.54	4.48	16,184	8,739	0.54	4.74	15,776	8,519	0.54	5.05
26	16	13,464	13,195	0.98	4.17	13,056	12,795	0.98	4.40	12,648	12,395	0.98	4.66
26	18	14,416	12,398	0.86	4.25	14,008	12,047	0.86	4.48	13,532	11,638	0.86	4.79
26	20	15,504	11,473	0.74	4.38	15,164	11,221	0.74	4.58	14,756	10,919	0.74	4.90
26	22	16,524	10,245	0.62	4.48	16,184	10,034	0.62	4.74	15,776	9,781	0.62	5.05
27	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
27	18	14,416	12,974	0.90	4.25	14,008	12,607	0.90	4.48	13,532	12,179	0.90	4.79
27	20	15,504	12,093	0.78	4.38	15,164	11,828	0.78	4.58	14,756	11,510	0.78	4.90
27	22	16,524	10,906	0.66	4.48	16,184	10,681	0.66	4.74	15,776	10,412	0.66	5.05
28	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
28	18	14,416	13,551	0.94	4.25	14,008	13,168	0.94	4.48	13,532	12,720	0.94	4.79
28	20	15,504	12,713	0.82	4.38	15,164	12,434	0.82	4.58	14,756	12,100	0.82	4.90
28	22	16,524	11,567	0.70	4.48	16,184	11,329	0.70	4.74	15,776	11,043	0.70	5.05
30	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
30	18	14,416	14,416	1.00	4.25	14,008	14,008	1.00	4.48	13,532	13,532	1.00	4.79
30	20	15,504	13,954	0.90	4.38	15,164	13,648	0.90	4.58	14,756	13,280	0.90	4.90
30	22	16,524	12,889	0.78	4.48	16,184	12,624	0.78	4.74	15,776	12,305	0.78	5.05
32	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
32	18	14,416	14,416	1.00	4.25	14,008	14,008	1.00	4.48	13,532	13,532	1.00	4.79
32	20	15,504	15,194	0.98	4.38	15,164	14,861	0.98	4.58	14,756	14,461	0.98	4.90
32	22	16,524	14,211	0.86	4.48	16,184	13,918	0.86	4.74	15,776	13,567	0.86	5.05
34	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
34	18	14,416	14,416	1.00	4.25	14,008	14,008	1.00	4.48	13,532	13,532	1.00	4.79
34	20	15,504	15,504	1.00	4.38	15,164	15,164	1.00	4.58	14,756	14,756	1.00	4.90
34	22	16,524	15,533	0.94	4.48	16,184	15,213	0.94	4.74	15,776	14,829	0.94	5.05

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	8,957	0.74	5.00	11,560	8,554	0.74	5.37	11,016	8,152	0.74	5.81
20	18	13,056	8,095	0.62	5.13	12,648	7,842	0.62	5.52	11,832	7,336	0.62	5.94
20	20	14,144	7,072	0.50	5.26	13,600	6,800	0.50	5.63	12,784	6,392	0.50	6.04
22	16	12,104	9,925	0.82	5.00	11,560	9,479	0.82	5.37	11,016	9,033	0.82	5.81
22	18	13,056	9,139	0.70	5.13	12,648	8,854	0.70	5.52	11,832	8,282	0.70	5.94
22	20	14,144	8,204	0.58	5.26	13,600	7,888	0.58	5.63	12,784	7,415	0.58	6.04
24	16	12,104	10,894	0.90	5.00	11,560	10,404	0.90	5.37	11,016	9,914	0.90	5.81
24	18	13,056	10,184	0.78	5.13	12,648	9,865	0.78	5.52	11,832	9,229	0.78	5.94
24	20	14,144	9,335	0.66	5.26	13,600	8,976	0.66	5.63	12,784	8,437	0.66	6.04
24	22	15,232	8,225	0.54	5.37	14,688	7,932	0.54	5.78	13,872	7,491	0.54	6.15
26	16	12,104	11,862	0.98	5.00	11,560	11,329	0.98	5.37	11,016	10,796	0.98	5.81
26	18	13,056	11,228	0.86	5.13	12,648	10,877	0.86	5.52	11,832	10,176	0.86	5.94
26	20	14,144	10,467	0.74	5.26	13,600	10,064	0.74	5.63	12,784	9,460	0.74	6.04
26	22	15,232	9,444	0.62	5.37	14,688	9,107	0.62	5.78	13,872	8,601	0.62	6.15
27	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
27	18	13,056	11,750	0.90	5.13	12,648	11,383	0.90	5.52	11,832	10,649	0.90	5.94
27	20	14,144	11,032	0.78	5.26	13,600	10,608	0.78	5.63	12,784	9,972	0.78	6.04
27	22	15,232	10,053	0.66	5.37	14,688	9,694	0.66	5.78	13,872	9,156	0.66	6.15
28	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
28	18	13,056	12,273	0.94	5.13	12,648	11,889	0.94	5.52	11,832	11,122	0.94	5.94
28	20	14,144	11,598	0.82	5.26	13,600	11,152	0.82	5.63	12,784	10,483	0.82	6.04
28	22	15,232	10,662	0.70	5.37	14,688	10,282	0.70	5.78	13,872	9,710	0.70	6.15
30	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
30	18	13,056	13,056	1.00	5.13	12,648	12,648	1.00	5.52	11,832	11,832	1.00	5.94
30	20	14,144	12,730	0.90	5.26	13,600	12,240	0.90	5.63	12,784	11,506	0.90	6.04
30	22	15,232	11,881	0.78	5.37	14,688	11,457	0.78	5.78	13,872	10,820	0.78	6.15
32	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
32	18	13,056	13,056	1.00	5.13	12,648	12,648	1.00	5.52	11,832	11,832	1.00	5.94
32	20	14,144	13,861	0.98	5.26	13,600	13,328	0.98	5.63	12,784	12,528	0.98	6.04
32	22	15,232	13,100	0.86	5.37	14,688	12,632	0.86	5.78	13,872	11,930	0.86	6.15
34	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
34	18	13,056	13,056	1.00	5.13	12,648	12,648	1.00	5.52	11,832	11,832	1.00	5.94
34	20	14,144	14,144	1.00	5.26	13,600	13,600	1.00	5.63	12,784	12,784	1.00	6.04
34	22	15,232	14,318	0.94	5.37	14,688	13,807	0.94	5.78	13,872	13,040	0.94	6.15

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEA-RP200WKA / PUHZ-ZRP200YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	18,810	12,791	0.68	4.82	18,240	12,403	0.68	5.10	17,670	12,016	0.68	5.40
20	18	20,140	11,278	0.56	4.91	19,570	10,959	0.56	5.19	18,905	10,587	0.56	5.55
20	20	21,660	9,530	0.44	5.07	21,185	9,321	0.44	5.31	20,615	9,071	0.44	5.67
22	16	18,810	14,296	0.76	4.82	18,240	13,862	0.76	5.10	17,670	13,429	0.76	5.40
22	18	20,140	12,890	0.64	4.91	19,570	12,525	0.64	5.19	18,905	12,099	0.64	5.55
22	20	21,660	11,263	0.52	5.07	21,185	11,016	0.52	5.31	20,615	10,720	0.52	5.67
24	16	18,810	15,800	0.84	4.82	18,240	15,322	0.84	5.10	17,670	14,843	0.84	5.40
24	18	20,140	14,501	0.72	4.91	19,570	14,090	0.72	5.19	18,905	13,612	0.72	5.55
24	20	21,660	12,996	0.60	5.07	21,185	12,711	0.60	5.31	20,615	12,369	0.60	5.67
24	22	23,085	11,081	0.48	5.19	22,610	10,853	0.48	5.49	22,040	10,579	0.48	5.85
26	16	18,810	17,305	0.92	4.82	18,240	16,781	0.92	5.10	17,670	16,256	0.92	5.40
26	18	20,140	16,112	0.80	4.91	19,570	15,656	0.80	5.19	18,905	15,124	0.80	5.55
26	20	21,660	14,729	0.68	5.07	21,185	14,406	0.68	5.31	20,615	14,018	0.68	5.67
26	22	23,085	12,928	0.56	5.19	22,610	12,662	0.56	5.49	22,040	12,342	0.56	5.85
27	16	18,810	18,058	0.96	4.82	18,240	17,510	0.96	5.10	17,670	16,963	0.96	5.40
27	18	20,140	16,918	0.84	4.91	19,570	16,439	0.84	5.19	18,905	15,880	0.84	5.55
27	20	21,660	15,595	0.72	5.07	21,185	15,253	0.72	5.31	20,615	14,843	0.72	5.67
27	22	23,085	13,851	0.60	5.19	22,610	13,566	0.60	5.49	22,040	13,224	0.60	5.85
28	16	18,810	18,810	1.00	4.82	18,240	18,240	1.00	5.10	17,670	17,670	1.00	5.40
28	18	20,140	17,723	0.88	4.91	19,570	17,222	0.88	5.19	18,905	16,636	0.88	5.55
28	20	21,660	16,462	0.76	5.07	21,185	16,101	0.76	5.31	20,615	15,667	0.76	5.67
28	22	23,085	14,774	0.64	5.19	22,610	14,470	0.64	5.49	22,040	14,106	0.64	5.85
30	16	18,810	18,810	1.00	4.82	18,240	18,240	1.00	5.10	17,670	17,670	1.00	5.40
30	18	20,140	19,334	0.96	4.91	19,570	18,787	0.96	5.19	18,905	18,149	0.96	5.55
30	20	21,660	18,194	0.84	5.07	21,185	17,795	0.84	5.31	20,615	17,317	0.84	5.67
30	22	23,085	16,621	0.72	5.19	22,610	16,279	0.72	5.49	22,040	15,869	0.72	5.85
32	16	18,810	18,810	1.00	4.82	18,240	18,240	1.00	5.10	17,670	17,670	1.00	5.40
32	18	20,140	20,140	1.00	4.91	19,570	19,570	1.00	5.19	18,905	18,905	1.00	5.55
32	20	21,660	19,927	0.92	5.07	21,185	19,490	0.92	5.31	20,615	18,966	0.92	5.67
32	22	23,085	18,468	0.80	5.19	22,610	18,088	0.80	5.49	22,040	17,632	0.80	5.85
34	16	18,810	18,810	1.00	4.82	18,240	18,240	1.00	5.10	17,670	17,670	1.00	5.40
34	18	20,140	20,140	1.00	4.91	19,570	19,570	1.00	5.19	18,905	18,905	1.00	5.55
34	20	21,660	21,660	1.00	5.07	21,185	21,185	1.00	5.31	20,615	20,615	1.00	5.67
34	22	23,085	20,315	0.88	5.19	22,610	19,897	0.88	5.49	22,040	19,395	0.88	5.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	16,910	11,499	0.68	5.79	16,150	10,982	0.68	6.21	15,390	10,465	0.68	6.72
20	18	18,240	10,214	0.56	5.94	17,670	9,895	0.56	6.39	16,530	9,257	0.56	6.87
20	20	19,760	8,694	0.44	6.09	19,000	8,360	0.44	6.51	17,860	7,858	0.44	6.99
22	16	16,910	12,852	0.76	5.79	16,150	12,274	0.76	6.21	15,390	11,696	0.76	6.72
22	18	18,240	11,674	0.64	5.94	17,670	11,309	0.64	6.39	16,530	10,579	0.64	6.87
22	20	19,760	10,275	0.52	6.09	19,000	9,880	0.52	6.51	17,860	9,287	0.52	6.99
24	16	16,910	14,204	0.84	5.79	16,150	13,566	0.84	6.21	15,390	12,928	0.84	6.72
24	18	18,240	13,133	0.72	5.94	17,670	12,722	0.72	6.39	16,530	11,902	0.72	6.87
24	20	19,760	11,856	0.60	6.09	19,000	11,400	0.60	6.51	17,860	10,716	0.60	6.99
24	22	21,280	10,214	0.48	6.21	20,520	9,850	0.48	6.69	19,380	9,302	0.48	7.12
26	16	16,910	15,557	0.92	5.79	16,150	14,858	0.92	6.21	15,390	14,159	0.92	6.72
26	18	18,240	14,592	0.80	5.94	17,670	14,136	0.80	6.39	16,530	13,224	0.80	6.87
26	20	19,760	13,437	0.68	6.09	19,000	12,920	0.68	6.51	17,860	12,145	0.68	6.99
26	22	21,280	11,917	0.56	6.21	20,520	11,491	0.56	6.69	19,380	10,853	0.56	7.12
27	16	16,910	16,234	0.96	5.79	16,150	15,504	0.96	6.21	15,390	14,774	0.96	6.72
27	18	18,240	15,322	0.84	5.94	17,670	14,843	0.84	6.39	16,530	13,885	0.84	6.87
27	20	19,760	14,227	0.72	6.09	19,000	13,680	0.72	6.51	17,860	12,859	0.72	6.99
27	22	21,280	12,768	0.60	6.21	20,520	12,312	0.60	6.69	19,380	11,628	0.60	7.12
28	16	16,910	16,910	1.00	5.79	16,150	16,150	1.00	6.21	15,390	15,390	1.00	6.72
28	18	18,240	16,051	0.88	5.94	17,670	15,550	0.88	6.39	16,530	14,546	0.88	6.87
28	20	19,760	15,018	0.76	6.09	19,000	14,440	0.76	6.51	17,860	13,574	0.76	6.99
28	22	21,280	13,619	0.64	6.21	20,520	13,133	0.64	6.69	19,380	12,403	0.64	7.12
30	16	16,910	16,910	1.00	5.79	16,150	16,150	1.00	6.21	15,390	15,390	1.00	6.72
30	18	18,240	17,510	0.96	5.94	17,670	16,963	0.96	6.39	16,530	15,869	0.96	6.87
30	20	19,760	16,598	0.84	6.09	19,000	15,960	0.84	6.51	17,860	15,002	0.84	6.99
30	22	21,280	15,322	0.72	6.21	20,520	14,774	0.72	6.69	19,380	13,954	0.72	7.12
32	16	16,910	16,910	1.00	5.79	16,150	16,150	1.00	6.21	15,390	15,390	1.00	6.72
32	18	18,240	18,240	1.00	5.94	17,670	17,670	1.00	6.39	16,530	16,530	1.00	6.87
32	20	19,760	18,179	0.92	6.09	19,000	17,480	0.92	6.51	17,860	16,431	0.92	6.99
32	22	21,280	17,024	0.80	6.21	20,520	16,416	0.80	6.69	19,380	15,504	0.80	7.12
34	16	16,910	16,910	1.00	5.79	16,150	16,150	1.00	6.21	15,390	15,390	1.00	6.72
34	18	18,240	18,240	1.00	5.94	17,670	17,670	1.00	6.39	16,530	16,530	1.00	6.87
34	20	19,760	19,760	1.00	6.09	19,000	19,000	1.00	6.51	17,860	17,860	1.00	6.99
34	22	21,280	18,726	0.88	6.21	20,520	18,058	0.88	6.69	19,380	17,054	0.88	7.12

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEA-RP250WKA / PUHZ-ZRP250YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	21,780	16,553	0.76	6.44	21,120	16,051	0.76	6.80	20,460	15,550	0.76	7.20
20	18	23,320	14,925	0.64	6.56	22,660	14,502	0.64	6.92	21,890	14,010	0.64	7.41
20	20	25,080	13,042	0.52	6.76	24,530	12,756	0.52	7.08	23,870	12,412	0.52	7.57
22	16	21,780	18,295	0.84	6.44	21,120	17,741	0.84	6.80	20,460	17,186	0.84	7.20
22	18	23,320	16,790	0.72	6.56	22,660	16,315	0.72	6.92	21,890	15,761	0.72	7.41
22	20	25,080	15,048	0.60	6.76	24,530	14,718	0.60	7.08	23,870	14,322	0.60	7.57
24	16	21,780	20,038	0.92	6.44	21,120	19,430	0.92	6.80	20,460	18,823	0.92	7.20
24	18	23,320	18,656	0.80	6.56	22,660	18,128	0.80	6.92	21,890	17,512	0.80	7.41
24	20	25,080	17,054	0.68	6.76	24,530	16,680	0.68	7.08	23,870	16,232	0.68	7.57
24	22	26,730	14,969	0.56	6.92	26,180	14,661	0.56	7.33	25,520	14,291	0.56	7.81
26	16	21,780	21,780	1.00	6.44	21,120	21,120	1.00	6.80	20,460	20,460	1.00	7.20
26	18	23,320	20,522	0.88	6.56	22,660	19,941	0.88	6.92	21,890	19,263	0.88	7.41
26	20	25,080	19,061	0.76	6.76	24,530	18,643	0.76	7.08	23,870	18,141	0.76	7.57
26	22	26,730	17,107	0.64	6.92	26,180	16,755	0.64	7.33	25,520	16,333	0.64	7.81
27	16	21,780	21,780	1.00	6.44	21,120	21,120	1.00	6.80	20,460	20,460	1.00	7.20
27	18	23,320	21,454	0.92	6.56	22,660	20,847	0.92	6.92	21,890	20,139	0.92	7.41
27	20	25,080	20,064	0.80	6.76	24,530	19,624	0.80	7.08	23,870	19,096	0.80	7.57
27	22	26,730	18,176	0.68	6.92	26,180	17,802	0.68	7.33	25,520	17,354	0.68	7.81
28	16	21,780	21,780	1.00	6.44	21,120	21,120	1.00	6.80	20,460	20,460	1.00	7.20
28	18	23,320	22,387	0.96	6.56	22,660	21,754	0.96	6.92	21,890	21,014	0.96	7.41
28	20	25,080	21,067	0.84	6.76	24,530	20,605	0.84	7.08	23,870	20,051	0.84	7.57
28	22	26,730	19,246	0.72	6.92	26,180	18,850	0.72	7.33	25,520	18,374	0.72	7.81
30	16	21,780	21,780	1.00	6.44	21,120	21,120	1.00	6.80	20,460	20,460	1.00	7.20
30	18	23,320	23,320	1.00	6.56	22,660	22,660	1.00	6.92	21,890	21,890	1.00	7.41
30	20	25,080	23,074	0.92	6.76	24,530	22,568	0.92	7.08	23,870	21,960	0.92	7.57
30	22	26,730	21,384	0.80	6.92	26,180	20,944	0.80	7.33	25,520	20,416	0.80	7.81
32	16	21,780	21,780	1.00	6.44	21,120	21,120	1.00	6.80	20,460	20,460	1.00	7.20
32	18	23,320	23,320	1.00	6.56	22,660	22,660	1.00	6.92	21,890	21,890	1.00	7.41
32	20	25,080	25,080	1.00	6.76	24,530	24,530	1.00	7.08	23,870	23,870	1.00	7.57
32	22	26,730	23,522	0.88	6.92	26,180	23,038	0.88	7.33	25,520	22,458	0.88	7.81
34	16	21,780	21,780	1.00	6.44	21,120	21,120	1.00	6.80	20,460	20,460	1.00	7.20
34	18	23,320	23,320	1.00	6.56	22,660	22,660	1.00	6.92	21,890	21,890	1.00	7.41
34	20	25,080	25,080	1.00	6.76	24,530	24,530	1.00	7.08	23,870	23,870	1.00	7.57
34	22	26,730	25,661	0.96	6.92	26,180	25,133	0.96	7.33	25,520	24,499	0.96	7.81

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	19,580	14,881	0.76	7.73	18,700	14,212	0.76	8.29	17,820	13,543	0.76	8.98
20	18	21,120	13,517	0.64	7.93	20,460	13,094	0.64	8.53	19,140	12,250	0.64	9.18
20	20	22,880	11,898	0.52	8.13	22,000	11,440	0.52	8.69	20,680	10,754	0.52	9.34
22	16	19,580	16,447	0.84	7.73	18,700	15,708	0.84	8.29	17,820	14,969	0.84	8.98
22	18	21,120	15,206	0.72	7.93	20,460	14,731	0.72	8.53	19,140	13,781	0.72	9.18
22	20	22,880	13,728	0.60	8.13	22,000	13,200	0.60	8.69	20,680	12,408	0.60	9.34
24	16	19,580	18,014	0.92	7.73	18,700	17,204	0.92	8.29	17,820	16,394	0.92	8.98
24	18	21,120	16,896	0.80	7.93	20,460	16,368	0.80	8.53	19,140	15,312	0.80	9.18
24	20	22,880	15,558	0.68	8.13	22,000	14,960	0.68	8.69	20,680	14,062	0.68	9.34
24	22	24,640	13,798	0.56	8.29	23,760	13,306	0.56	8.94	22,440	12,566	0.56	9.50
26	16	19,580	19,580	1.00	7.73	18,700	18,700	1.00	8.29	17,820	17,820	1.00	8.98
26	18	21,120	18,586	0.88	7.93	20,460	18,005	0.88	8.53	19,140	16,843	0.88	9.18
26	20	22,880	17,389	0.76	8.13	22,000	16,720	0.76	8.69	20,680	15,717	0.76	9.34
26	22	24,640	15,770	0.64	8.29	23,760	15,206	0.64	8.94	22,440	14,362	0.64	9.50
27	16	19,580	19,580	1.00	7.73	18,700	18,700	1.00	8.29	17,820	17,820	1.00	8.98
27	18	21,120	19,430	0.92	7.93	20,460	18,823	0.92	8.53	19,140	17,609	0.92	9.18
27	20	22,880	18,304	0.80	8.13	22,000	17,600	0.80	8.69	20,680	16,544	0.80	9.34
27	22	24,640	16,755	0.68	8.29	23,760	16,157	0.68	8.94	22,440	15,259	0.68	9.50
28	16	19,580	19,580	1.00	7.73	18,700	18,700	1.00	8.29	17,820	17,820	1.00	8.98
28	18	21,120	20,275	0.96	7.93	20,460	19,642	0.96	8.53	19,140	18,374	0.96	9.18
28	20	22,880	19,219	0.84	8.13	22,000	18,480	0.84	8.69	20,680	17,371	0.84	9.34
28	22	24,640	17,741	0.72	8.29	23,760	17,107	0.72	8.94	22,440	16,157	0.72	9.50
30	16	19,580	19,580	1.00	7.73	18,700	18,700	1.00	8.29	17,820	17,820	1.00	8.98
30	18	21,120	21,120	1.00	7.93	20,460	20,460	1.00	8.53	19,140	19,140	1.00	9.18
30	20	22,880	21,050	0.92	8.13	22,000	20,240	0.92	8.69	20,680	19,026	0.92	9.34
30	22	24,640	19,712	0.80	8.29	23,760	19,008	0.80	8.94	22,440	17,952	0.80	9.50
32	16	19,580	19,580	1.00	7.73	18,700	18,700	1.00	8.29	17,820	17,820	1.00	8.98
32	18	21,120	21,120	1.00	7.93	20,460	20,460	1.00	8.53	19,140	19,140	1.00	9.18
32	20	22,880	22,880	1.00	8.13	22,000	22,000	1.00	8.69	20,680	20,680	1.00	9.34
32	22	24,640	21,683	0.88	8.29	23,760	20,909	0.88	8.94	22,440	19,747	0.88	9.50
34	16	19,580	19,580	1.00	7.73	18,700	18,700	1.00	8.29	17,820	17,820	1.00	8.98
34	18	21,120	21,120	1.00	7.93	20,460	20,460	1.00	8.53	19,140	19,140	1.00	9.18
34	20	22,880	22,880	1.00	8.13	22,000	22,000	1.00	8.69	20,680	20,680	1.00	9.34
34	22	24,640	23,654	0.96	8.29	23,760	22,810	0.96	8.94	22,440	21,542	0.96	9.50

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEA-RP200WKA / PUHZ-P200YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	18,810	12,791	0.68	5.03	18,240	12,403	0.68	5.32	17,670	12,016	0.68	5.63
20	18	20,140	11,278	0.56	5.13	19,570	10,959	0.56	5.41	18,905	10,587	0.56	5.79
20	20	21,660	9,530	0.44	5.28	21,185	9,321	0.44	5.54	20,615	9,071	0.44	5.91
22	16	18,810	14,296	0.76	5.03	18,240	13,862	0.76	5.32	17,670	13,429	0.76	5.63
22	18	20,140	12,890	0.64	5.13	19,570	12,525	0.64	5.41	18,905	12,099	0.64	5.79
22	20	21,660	11,263	0.52	5.28	21,185	11,016	0.52	5.54	20,615	10,720	0.52	5.91
24	16	18,810	15,800	0.84	5.03	18,240	15,322	0.84	5.32	17,670	14,843	0.84	5.63
24	18	20,140	14,501	0.72	5.13	19,570	14,090	0.72	5.41	18,905	13,612	0.72	5.79
24	20	21,660	12,996	0.60	5.28	21,185	12,711	0.60	5.54	20,615	12,369	0.60	5.91
24	22	23,085	11,081	0.48	5.41	22,610	10,853	0.48	5.72	22,040	10,579	0.48	6.10
26	16	18,810	17,305	0.92	5.03	18,240	16,781	0.92	5.32	17,670	16,256	0.92	5.63
26	18	20,140	16,112	0.80	5.13	19,570	15,656	0.80	5.41	18,905	15,124	0.80	5.79
26	20	21,660	14,729	0.68	5.28	21,185	14,406	0.68	5.54	20,615	14,018	0.68	5.91
26	22	23,085	12,928	0.56	5.41	22,610	12,662	0.56	5.72	22,040	12,342	0.56	6.10
27	16	18,810	18,058	0.96	5.03	18,240	17,510	0.96	5.32	17,670	16,963	0.96	5.63
27	18	20,140	16,918	0.84	5.13	19,570	16,439	0.84	5.41	18,905	15,880	0.84	5.79
27	20	21,660	15,595	0.72	5.28	21,185	15,253	0.72	5.54	20,615	14,843	0.72	5.91
27	22	23,085	13,851	0.60	5.41	22,610	13,566	0.60	5.72	22,040	13,224	0.60	6.10
28	16	18,810	18,810	1.00	5.03	18,240	18,240	1.00	5.32	17,670	17,670	1.00	5.63
28	18	20,140	17,723	0.88	5.13	19,570	17,222	0.88	5.41	18,905	16,636	0.88	5.79
28	20	21,660	16,462	0.76	5.28	21,185	16,101	0.76	5.54	20,615	15,667	0.76	5.91
28	22	23,085	14,774	0.64	5.41	22,610	14,470	0.64	5.72	22,040	14,106	0.64	6.10
30	16	18,810	18,810	1.00	5.03	18,240	18,240	1.00	5.32	17,670	17,670	1.00	5.63
30	18	20,140	19,334	0.96	5.13	19,570	18,787	0.96	5.41	18,905	18,149	0.96	5.79
30	20	21,660	18,194	0.84	5.28	21,185	17,795	0.84	5.54	20,615	17,317	0.84	5.91
30	22	23,085	16,621	0.72	5.41	22,610	16,279	0.72	5.72	22,040	15,869	0.72	6.10
32	16	18,810	18,810	1.00	5.03	18,240	18,240	1.00	5.32	17,670	17,670	1.00	5.63
32	18	20,140	20,140	1.00	5.13	19,570	19,570	1.00	5.41	18,905	18,905	1.00	5.79
32	20	21,660	19,927	0.92	5.28	21,185	19,490	0.92	5.54	20,615	18,966	0.92	5.91
32	22	23,085	18,468	0.80	5.41	22,610	18,088	0.80	5.72	22,040	17,632	0.80	6.10
34	16	18,810	18,810	1.00	5.03	18,240	18,240	1.00	5.32	17,670	17,670	1.00	5.63
34	18	20,140	20,140	1.00	5.13	19,570	19,570	1.00	5.41	18,905	18,905	1.00	5.79
34	20	21,660	21,660	1.00	5.28	21,185	21,185	1.00	5.54	20,615	20,615	1.00	5.91
34	22	23,085	20,315	0.88	5.41	22,610	19,897	0.88	5.72	22,040	19,395	0.88	6.10

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	16,910	11,499	0.68	6.04	16,150	10,982	0.68	6.48	15,390	10,465	0.68	7.01
20	18	18,240	10,214	0.56	6.20	17,670	9,895	0.56	6.67	16,530	9,257	0.56	7.17
20	20	19,760	8,694	0.44	6.35	19,000	8,360	0.44	6.79	17,860	7,858	0.44	7.30
22	16	16,910	12,852	0.76	6.04	16,150	12,274	0.76	6.48	15,390	11,696	0.76	7.01
22	18	18,240	11,674	0.64	6.20	17,670	11,309	0.64	6.67	16,530	10,579	0.64	7.17
22	20	19,760	10,275	0.52	6.35	19,000	9,880	0.52	6.79	17,860	9,287	0.52	7.30
24	16	16,910	14,204	0.84	6.04	16,150	13,566	0.84	6.48	15,390	12,928	0.84	7.01
24	18	18,240	13,133	0.72	6.20	17,670	12,722	0.72	6.67	16,530	11,902	0.72	7.17
24	20	19,760	11,856	0.60	6.35	19,000	11,400	0.60	6.79	17,860	10,716	0.60	7.30
24	22	21,280	10,214	0.48	6.48	20,520	9,850	0.48	6.98	19,380	9,302	0.48	7.42
26	16	16,910	15,557	0.92	6.04	16,150	14,858	0.92	6.48	15,390	14,159	0.92	7.01
26	18	18,240	14,592	0.80	6.20	17,670	14,136	0.80	6.67	16,530	13,224	0.80	7.17
26	20	19,760	13,437	0.68	6.35	19,000	12,920	0.68	6.79	17,860	12,145	0.68	7.30
26	22	21,280	11,917	0.56	6.48	20,520	11,491	0.56	6.98	19,380	10,853	0.56	7.42
27	16	16,910	16,234	0.96	6.04	16,150	15,504	0.96	6.48	15,390	14,774	0.96	7.01
27	18	18,240	15,322	0.84	6.20	17,670	14,843	0.84	6.67	16,530	13,885	0.84	7.17
27	20	19,760	14,227	0.72	6.35	19,000	13,680	0.72	6.79	17,860	12,859	0.72	7.30
27	22	21,280	12,768	0.60	6.48	20,520	12,312	0.60	6.98	19,380	11,628	0.60	7.42
28	16	16,910	16,910	1.00	6.04	16,150	16,150	1.00	6.48	15,390	15,390	1.00	7.01
28	18	18,240	16,051	0.88	6.20	17,670	15,550	0.88	6.67	16,530	14,546	0.88	7.17
28	20	19,760	15,018	0.76	6.35	19,000	14,440	0.76	6.79	17,860	13,574	0.76	7.30
28	22	21,280	13,619	0.64	6.48	20,520	13,133	0.64	6.98	19,380	12,403	0.64	7.42
30	16	16,910	16,910	1.00	6.04	16,150	16,150	1.00	6.48	15,390	15,390	1.00	7.01
30	18	18,240	17,510	0.96	6.20	17,670	16,963	0.96	6.67	16,530	15,869	0.96	7.17
30	20	19,760	16,598	0.84	6.35	19,000	15,960	0.84	6.79	17,860	15,002	0.84	7.30
30	22	21,280	15,322	0.72	6.48	20,520	14,774	0.72	6.98	19,380	13,954	0.72	7.42
32	16	16,910	16,910	1.00	6.04	16,150	16,150	1.00	6.48	15,390	15,390	1.00	7.01
32	18	18,240	18,240	1.00	6.20	17,670	17,670	1.00	6.67	16,530	16,530	1.00	7.17
32	20	19,760	18,179	0.92	6.35	19,000	17,480	0.92	6.79	17,860	16,431	0.92	7.30
32	22	21,280	17,024	0.80	6.48	20,520	16,416	0.80	6.98	19,380	15,504	0.80	7.42
34	16	16,910	16,910	1.00	6.04	16,150	16,150	1.00	6.48	15,390	15,390	1.00	7.01
34	18	18,240	18,240	1.00	6.20	17,670	17,670	1.00	6.67	16,530	16,530	1.00	7.17
34	20	19,760	19,760	1.00	6.35	19,000	19,000	1.00	6.79	17,860	17,860	1.00	7.30
34	22	21,280	18,726	0.88	6.48	20,520	18,058	0.88	6.98	19,380	17,054	0.88	7.42

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEA-RP250WKA / PUHZ-P250YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	21,780	16,553	0.76	6.51	21,120	16,051	0.76	6.88	20,460	15,550	0.76	7.29
20	18	23,320	14,925	0.64	6.63	22,660	14,502	0.64	7.00	21,890	14,010	0.64	7.49
20	20	25,080	13,042	0.52	6.84	24,530	12,756	0.52	7.16	23,870	12,412	0.52	7.65
22	16	21,780	18,295	0.84	6.51	21,120	17,741	0.84	6.88	20,460	17,186	0.84	7.29
22	18	23,320	16,790	0.72	6.63	22,660	16,315	0.72	7.00	21,890	15,761	0.72	7.49
22	20	25,080	15,048	0.60	6.84	24,530	14,718	0.60	7.16	23,870	14,322	0.60	7.65
24	16	21,780	20,038	0.92	6.51	21,120	19,430	0.92	6.88	20,460	18,823	0.92	7.29
24	18	23,320	18,656	0.80	6.63	22,660	18,128	0.80	7.00	21,890	17,512	0.80	7.49
24	20	25,080	17,054	0.68	6.84	24,530	16,680	0.68	7.16	23,870	16,232	0.68	7.65
24	22	26,730	14,969	0.56	7.00	26,180	14,661	0.56	7.41	25,520	14,291	0.56	7.90
26	16	21,780	21,780	1.00	6.51	21,120	21,120	1.00	6.88	20,460	20,460	1.00	7.29
26	18	23,320	20,522	0.88	6.63	22,660	19,941	0.88	7.00	21,890	19,263	0.88	7.49
26	20	25,080	19,061	0.76	6.84	24,530	18,643	0.76	7.16	23,870	18,141	0.76	7.65
26	22	26,730	17,107	0.64	7.00	26,180	16,755	0.64	7.41	25,520	16,333	0.64	7.90
27	16	21,780	21,780	1.00	6.51	21,120	21,120	1.00	6.88	20,460	20,460	1.00	7.29
27	18	23,320	21,454	0.92	6.63	22,660	20,847	0.92	7.00	21,890	20,139	0.92	7.49
27	20	25,080	20,064	0.80	6.84	24,530	19,624	0.80	7.16	23,870	19,096	0.80	7.65
27	22	26,730	18,176	0.68	7.00	26,180	17,802	0.68	7.41	25,520	17,354	0.68	7.90
28	16	21,780	21,780	1.00	6.51	21,120	21,120	1.00	6.88	20,460	20,460	1.00	7.29
28	18	23,320	22,387	0.96	6.63	22,660	21,754	0.96	7.00	21,890	21,014	0.96	7.49
28	20	25,080	21,067	0.84	6.84	24,530	20,605	0.84	7.16	23,870	20,051	0.84	7.65
28	22	26,730	19,246	0.72	7.00	26,180	18,850	0.72	7.41	25,520	18,374	0.72	7.90
30	16	21,780	21,780	1.00	6.51	21,120	21,120	1.00	6.88	20,460	20,460	1.00	7.29
30	18	23,320	23,320	1.00	6.63	22,660	22,660	1.00	7.00	21,890	21,890	1.00	7.49
30	20	25,080	23,074	0.92	6.84	24,530	22,568	0.92	7.16	23,870	21,960	0.92	7.65
30	22	26,730	21,384	0.80	7.00	26,180	20,944	0.80	7.41	25,520	20,416	0.80	7.90
32	16	21,780	21,780	1.00	6.51	21,120	21,120	1.00	6.88	20,460	20,460	1.00	7.29
32	18	23,320	23,320	1.00	6.63	22,660	22,660	1.00	7.00	21,890	21,890	1.00	7.49
32	20	25,080	25,080	1.00	6.84	24,530	24,530	1.00	7.16	23,870	23,870	1.00	7.65
32	22	26,730	23,522	0.88	7.00	26,180	23,038	0.88	7.41	25,520	22,458	0.88	7.90
34	16	21,780	21,780	1.00	6.51	21,120	21,120	1.00	6.88	20,460	20,460	1.00	7.29
34	18	23,320	23,320	1.00	6.63	22,660	22,660	1.00	7.00	21,890	21,890	1.00	7.49
34	20	25,080	25,080	1.00	6.84	24,530	24,530	1.00	7.16	23,870	23,870	1.00	7.65
34	22	26,730	25,661	0.96	7.00	26,180	25,133	0.96	7.41	25,520	24,499	0.96	7.90

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	19,580	14,881	0.76	7.81	18,700	14,212	0.76	8.38	17,820	13,543	0.76	9.08
20	18	21,120	13,517	0.64	8.02	20,460	13,094	0.64	8.63	19,140	12,250	0.64	9.28
20	20	22,880	11,898	0.52	8.22	22,000	11,440	0.52	8.79	20,680	10,754	0.52	9.44
22	16	19,580	16,447	0.84	7.81	18,700	15,708	0.84	8.38	17,820	14,969	0.84	9.08
22	18	21,120	15,206	0.72	8.02	20,460	14,731	0.72	8.63	19,140	13,781	0.72	9.28
22	20	22,880	13,728	0.60	8.22	22,000	13,200	0.60	8.79	20,680	12,408	0.60	9.44
24	16	19,580	18,014	0.92	7.81	18,700	17,204	0.92	8.38	17,820	16,394	0.92	9.08
24	18	21,120	16,896	0.80	8.02	20,460	16,368	0.80	8.63	19,140	15,312	0.80	9.28
24	20	22,880	15,558	0.68	8.22	22,000	14,960	0.68	8.79	20,680	14,062	0.68	9.44
24	22	24,640	13,798	0.56	8.38	23,760	13,306	0.56	9.04	22,440	12,566	0.56	9.61
26	16	19,580	19,580	1.00	7.81	18,700	18,700	1.00	8.38	17,820	17,820	1.00	9.08
26	18	21,120	18,586	0.88	8.02	20,460	18,005	0.88	8.63	19,140	16,843	0.88	9.28
26	20	22,880	17,389	0.76	8.22	22,000	16,720	0.76	8.79	20,680	15,717	0.76	9.44
26	22	24,640	15,770	0.64	8.38	23,760	15,206	0.64	9.04	22,440	14,362	0.64	9.61
27	16	19,580	19,580	1.00	7.81	18,700	18,700	1.00	8.38	17,820	17,820	1.00	9.08
27	18	21,120	19,430	0.92	8.02	20,460	18,823	0.92	8.63	19,140	17,609	0.92	9.28
27	20	22,880	18,304	0.80	8.22	22,000	17,600	0.80	8.79	20,680	16,544	0.80	9.44
27	22	24,640	16,755	0.68	8.38	23,760	16,157	0.68	9.04	22,440	15,259	0.68	9.61
28	16	19,580	19,580	1.00	7.81	18,700	18,700	1.00	8.38	17,820	17,820	1.00	9.08
28	18	21,120	20,275	0.96	8.02	20,460	19,642	0.96	8.63	19,140	18,374	0.96	9.28
28	20	22,880	19,219	0.84	8.22	22,000	18,480	0.84	8.79	20,680	17,371	0.84	9.44
28	22	24,640	17,741	0.72	8.38	23,760	17,107	0.72	9.04	22,440	16,157	0.72	9.61
30	16	19,580	19,580	1.00	7.81	18,700	18,700	1.00	8.38	17,820	17,820	1.00	9.08
30	18	21,120	21,120	1.00	8.02	20,460	20,460	1.00	8.63	19,140	19,140	1.00	9.28
30	20	22,880	21,050	0.92	8.22	22,000	20,240	0.92	8.79	20,680	19,026	0.92	9.44
30	22	24,640	19,712	0.80	8.38	23,760	19,008	0.80	9.04	22,440	17,952	0.80	9.61
32	16	19,580	19,580	1.00	7.81	18,700	18,700	1.00	8.38	17,820	17,820	1.00	9.08
32	18	21,120	21,120	1.00	8.02	20,460	20,460	1.00	8.63	19,140	19,140	1.00	9.28
32	20	22,880	22,880	1.00	8.22	22,000	22,000	1.00	8.79	20,680	20,680	1.00	9.44
32	22	24,640	21,683	0.88	8.38	23,760	20,909	0.88	9.04	22,440	19,747	0.88	9.61
34	16	19,580	19,580	1.00	7.81	18,700	18,700	1.00	8.38	17,820	17,820	1.00	9.08
34	18	21,120	21,120	1.00	8.02	20,460	20,460	1.00	8.63	19,140	19,140	1.00	9.28
34	20	22,880	22,880	1.00	8.22	22,000	22,000	1.00	8.79	20,680	20,680	1.00	9.44
34	22	24,640	23,654	0.96	8.38	23,760	22,810	0.96	9.04	22,440	21,542	0.96	9.61

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

CEILING-CONCEALED
PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM71JA(L) / SUZ-SA71VA3

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1,880	7,988	5,192	0.65	1,974	7,668	4,984	0.65	2,068	7,384	4,800	0.65	2,162
21	20	8,698	4,610	0.53	1,974	8,343	4,422	0.53	2,092	8,094	4,290	0.53	2,139	7,810	4,139	0.53	2,233
22	18	8,343	5,756	0.69	1,880	7,988	5,511	0.69	1,974	7,668	5,291	0.69	2,068	7,384	5,095	0.69	2,162
22	20	8,698	4,958	0.57	1,974	8,343	4,755	0.57	2,092	8,094	4,614	0.57	2,139	7,810	4,452	0.57	2,233
22	22	9,053	4,074	0.45	2,045	8,733	3,930	0.45	2,174	8,520	3,834	0.45	2,233	8,165	3,674	0.45	2,327
23	18	8,343	6,090	0.73	1,880	7,988	5,831	0.73	1,974	7,668	5,598	0.73	2,068	7,384	5,390	0.73	2,162
23	20	8,698	5,305	0.61	1,974	8,343	5,089	0.61	2,092	8,094	4,937	0.61	2,139	7,810	4,764	0.61	2,233
23	22	9,053	4,436	0.49	2,045	8,733	4,279	0.49	2,174	8,520	4,175	0.49	2,233	8,165	4,001	0.49	2,327
24	18	8,343	6,424	0.77	1,880	7,988	6,150	0.77	1,974	7,668	5,904	0.77	2,068	7,384	5,686	0.77	2,162
24	20	8,698	5,653	0.65	1,974	8,343	5,423	0.65	2,092	8,094	5,261	0.65	2,139	7,810	5,077	0.65	2,233
24	22	9,053	4,798	0.53	2,045	8,733	4,628	0.53	2,174	8,520	4,516	0.53	2,233	8,165	4,327	0.53	2,327
24	24	9,514	3,901	0.41	2,139	9,159	3,755	0.41	2,256	8,946	3,668	0.41	2,327	8,662	3,551	0.41	2,444
25	20	8,698	6,001	0.69	1,974	8,343	5,756	0.69	2,092	8,094	5,585	0.69	2,139	7,810	5,389	0.69	2,233
25	22	9,053	5,160	0.57	2,045	8,733	4,978	0.57	2,174	8,520	4,856	0.57	2,233	8,165	4,654	0.57	2,327
25	24	9,514	4,281	0.45	2,139	9,159	4,122	0.45	2,256	8,946	4,026	0.45	2,327	8,662	3,898	0.45	2,444
26	18	8,343	7,091	0.85	1,880	7,988	6,789	0.85	1,974	7,668	6,518	0.85	2,068	7,384	6,276	0.85	2,162
26	20	8,698	6,349	0.73	1,974	8,343	6,090	0.73	2,092	8,094	5,909	0.73	2,139	7,810	5,701	0.73	2,233
26	22	9,053	5,522	0.61	2,045	8,733	5,327	0.61	2,174	8,520	5,197	0.61	2,233	8,165	4,981	0.61	2,327
26	24	9,514	4,662	0.49	2,139	9,159	4,488	0.49	2,256	8,946	4,384	0.49	2,327	8,662	4,244	0.49	2,444
26	26	9,798	3,625	0.37	2,256	9,514	3,520	0.37	2,374	9,372	3,468	0.37	2,444	9,088	3,363	0.37	2,515
27	18	8,343	7,425	0.89	1,880	7,988	7,109	0.89	1,974	7,668	6,825	0.89	2,068	7,384	6,572	0.89	2,162
27	20	8,698	6,697	0.77	1,974	8,343	6,424	0.77	2,092	8,094	6,232	0.77	2,139	7,810	6,014	0.77	2,233
27	22	9,053	5,884	0.65	2,045	8,733	5,676	0.65	2,174	8,520	5,538	0.65	2,233	8,165	5,307	0.65	2,327
27	24	9,514	5,042	0.53	2,139	9,159	4,854	0.53	2,256	8,946	4,741	0.53	2,327	8,662	4,591	0.53	2,444
27	26	9,798	4,017	0.41	2,256	9,514	3,901	0.41	2,374	9,372	3,843	0.41	2,444	9,088	3,726	0.41	2,515
28	18	8,343	7,759	0.93	1,880	7,988	7,428	0.93	1,974	7,668	7,131	0.93	2,068	7,384	6,867	0.93	2,162
28	20	8,698	7,045	0.81	1,974	8,343	6,757	0.81	2,092	8,094	6,556	0.81	2,139	7,810	6,326	0.81	2,233
28	22	9,053	6,246	0.69	2,045	8,733	6,026	0.69	2,174	8,520	5,879	0.69	2,233	8,165	5,634	0.69	2,327
28	24	9,514	5,423	0.57	2,139	9,159	5,221	0.57	2,256	8,946	5,099	0.57	2,327	8,662	4,937	0.57	2,444
28	26	9,798	4,409	0.45	2,256	9,514	4,281	0.45	2,374	9,372	4,217	0.45	2,444	9,088	4,090	0.45	2,515
29	18	8,343	8,092	0.97	1,880	7,988	7,748	0.97	1,974	7,668	7,438	0.97	2,068	7,384	7,162	0.97	2,162
29	20	8,698	7,393	0.85	1,974	8,343	7,091	0.85	2,092	8,094	6,880	0.85	2,139	7,810	6,639	0.85	2,233
29	22	9,053	6,608	0.73	2,045	8,733	6,375	0.73	2,174	8,520	6,220	0.73	2,233	8,165	5,960	0.73	2,327
29	24	9,514	5,804	0.61	2,139	9,159	5,587	0.61	2,256	8,946	5,457	0.61	2,327	8,662	5,284	0.61	2,444
29	26	9,798	4,801	0.49	2,256	9,514	4,662	0.49	2,374	9,372	4,592	0.49	2,444	9,088	4,453	0.49	2,515
30	18	8,343	8,426	1.01	1,880	7,988	8,067	1.01	1,974	7,668	7,745	1.01	2,068	7,384	7,458	1.01	2,162
30	20	8,698	7,741	0.89	1,974	8,343	7,425	0.89	2,092	8,094	7,204	0.89	2,139	7,810	6,951	0.89	2,233
30	22	9,053	6,970	0.77	2,045	8,733	6,724	0.77	2,174	8,520	6,560	0.77	2,233	8,165	6,287	0.77	2,327
30	24	9,514	6,184	0.65	2,139	9,159	5,953	0.65	2,256	8,946	5,815	0.65	2,327	8,662	5,630	0.65	2,444
30	26	9,798	5,193	0.53	2,256	9,514	5,042	0.53	2,374	9,372	4,967	0.53	2,444	9,088	4,817	0.53	2,515
31	18	8,343	8,760	1.05	1,880	7,988	8,387	1.05	1,974	7,668	8,051	1.05	2,068	7,384	7,753	1.05	2,162
31	20	8,698	8,089	0.93	1,974	8,343	7,759	0.93	2,092	8,094	7,527	0.93	2,139	7,810	7,263	0.93	2,233
31	22	9,053	7,333	0.81	2,045	8,733	7,074	0.81	2,174	8,520	6,901	0.81	2,233	8,165	6,614	0.81	2,327
31	24	9,514	6,565	0.69	2,139	9,159	6,320	0.69	2,256	8,946	6,173	0.69	2,327	8,662	5,977	0.69	2,444
31	26	9,798	5,585	0.57	2,256	9,514	5,423	0.57	2,374	9,372	5,342	0.57	2,444	9,088	5,180	0.57	2,515
32	18	8,343	9,093	1.09	1,880	7,988	8,706	1.09	1,974	7,668	8,358	1.09	2,068	7,384	8,049	1.09	2,162
32	20	8,698	8,437	0.97	1,974	8,343	8,092	0.97	2,092	8,094	7,851	0.97	2,139	7,810	7,576	0.97	2,233
32	22	9,053	7,695	0.85	2,045	8,733	7,423	0.85	2,174	8,520	7,242	0.85	2,233	8,165	6,940	0.85	2,327
32	24	9,514	6,945	0.73	2,139	9,159	6,686	0.73	2,256	8,946	6,531	0.73	2,327	8,662	6,323	0.73	2,444
32	26	9,798	5,977	0.61	2,256	9,514	5,804	0.61	2,374	9,372	5,717	0.61	2,444	9,088	5,544	0.61	2,515

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SM71JA(L) / SUZ-SA71VA3

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.303	6,390	4,154	0.65	2.444	5,893	3,830	0.65	2.538
21	20	7,313	3,876	0.53	2.397	6,816	3,612	0.53	2.515	6,319	3,349	0.53	2.656
22	18	6,958	4,801	0.69	2.303	6,390	4,409	0.69	2.444	5,893	4,066	0.69	2.538
22	20	7,313	4,168	0.57	2.397	6,816	3,885	0.57	2.515	6,319	3,602	0.57	2.656
22	22	7,739	3,483	0.45	2.491	7,242	3,259	0.45	2.632	6,745	3,035	0.45	2.726
23	18	6,958	5,079	0.73	2.303	6,390	4,665	0.73	2.444	5,893	4,302	0.73	2.538
23	20	7,313	4,461	0.61	2.397	6,816	4,158	0.61	2.515	6,319	3,855	0.61	2.656
23	22	7,739	3,792	0.49	2.491	7,242	3,549	0.49	2.632	6,745	3,305	0.49	2.726
24	18	6,958	5,358	0.77	2.303	6,390	4,920	0.77	2.444	5,893	4,538	0.77	2.538
24	20	7,313	4,753	0.65	2.397	6,816	4,430	0.65	2.515	6,319	4,107	0.65	2.656
24	22	7,739	4,102	0.53	2.491	7,242	3,838	0.53	2.632	6,745	3,575	0.53	2.726
24	24	8,165	3,348	0.41	2.585	7,668	3,144	0.41	2.703	7,242	2,969	0.41	2.820
25	20	7,313	5,046	0.69	2.397	6,816	4,703	0.69	2.515	6,319	4,360	0.69	2.656
25	22	7,739	4,411	0.57	2.491	7,242	4,128	0.57	2.632	6,745	3,845	0.57	2.726
25	24	8,165	3,674	0.45	2.585	7,668	3,451	0.45	2.703	7,242	3,259	0.45	2.820
26	18	6,958	5,914	0.85	2.303	6,390	5,432	0.85	2.444	5,893	5,009	0.85	2.538
26	20	7,313	5,338	0.73	2.397	6,816	4,976	0.73	2.515	6,319	4,613	0.73	2.656
26	22	7,739	4,721	0.61	2.491	7,242	4,418	0.61	2.632	6,745	4,114	0.61	2.726
26	24	8,165	4,001	0.49	2.585	7,668	3,757	0.49	2.703	7,242	3,549	0.49	2.820
26	26	8,591	3,179	0.37	2.679	8,094	2,995	0.37	2.797	7,597	2,811	0.37	2.914
27	18	6,958	6,193	0.89	2.303	6,390	5,687	0.89	2.444	5,893	5,245	0.89	2.538
27	20	7,313	5,631	0.77	2.397	6,816	5,248	0.77	2.515	6,319	4,866	0.77	2.656
27	22	7,739	5,030	0.65	2.491	7,242	4,707	0.65	2.632	6,745	4,384	0.65	2.726
27	24	8,165	4,327	0.53	2.585	7,668	4,064	0.53	2.703	7,242	3,838	0.53	2.820
27	26	8,591	3,522	0.41	2.679	8,094	3,319	0.41	2.797	7,597	3,115	0.41	2.914
28	18	6,958	6,471	0.93	2.303	6,390	5,943	0.93	2.444	5,893	5,480	0.93	2.538
28	20	7,313	5,924	0.81	2.397	6,816	5,521	0.81	2.515	6,319	5,118	0.81	2.656
28	22	7,739	5,340	0.69	2.491	7,242	4,997	0.69	2.632	6,745	4,654	0.69	2.726
28	24	8,165	4,654	0.57	2.585	7,668	4,371	0.57	2.703	7,242	4,128	0.57	2.820
28	26	8,591	3,866	0.45	2.679	8,094	3,642	0.45	2.797	7,597	3,419	0.45	2.914
29	18	6,958	6,749	0.97	2.303	6,390	6,198	0.97	2.444	5,893	5,716	0.97	2.538
29	20	7,313	6,216	0.85	2.397	6,816	5,794	0.85	2.515	6,319	5,371	0.85	2.656
29	22	7,739	5,649	0.73	2.491	7,242	5,287	0.73	2.632	6,745	4,924	0.73	2.726
29	24	8,165	4,981	0.61	2.585	7,668	4,677	0.61	2.703	7,242	4,418	0.61	2.820
29	26	8,591	4,210	0.49	2.679	8,094	3,966	0.49	2.797	7,597	3,723	0.49	2.914
30	18	6,958	7,028	1.01	2.303	6,390	6,454	1.01	2.444	5,893	5,952	1.01	2.538
30	20	7,313	6,509	0.89	2.397	6,816	6,066	0.89	2.515	6,319	5,624	0.89	2.656
30	22	7,739	5,959	0.77	2.491	7,242	5,576	0.77	2.632	6,745	5,194	0.77	2.726
30	24	8,165	5,307	0.65	2.585	7,668	4,984	0.65	2.703	7,242	4,707	0.65	2.820
30	26	8,591	4,553	0.53	2.679	8,094	4,290	0.53	2.797	7,597	4,026	0.53	2.914
31	18	6,958	7,306	1.05	2.303	6,390	6,710	1.05	2.444	5,893	6,188	1.05	2.538
31	20	7,313	6,801	0.93	2.397	6,816	6,339	0.93	2.515	6,319	5,877	0.93	2.656
31	22	7,739	6,269	0.81	2.491	7,242	5,866	0.81	2.632	6,745	5,463	0.81	2.726
31	24	8,165	5,634	0.69	2.585	7,668	5,291	0.69	2.703	7,242	4,997	0.69	2.820
31	26	8,591	4,897	0.57	2.679	8,094	4,614	0.57	2.797	7,597	4,330	0.57	2.914
32	18	6,958	7,584	1.09	2.303	6,390	6,965	1.09	2.444	5,893	6,423	1.09	2.538
32	20	7,313	7,094	0.97	2.397	6,816	6,612	0.97	2.515	6,319	6,129	0.97	2.656
32	22	7,739	6,578	0.85	2.491	7,242	6,156	0.85	2.632	6,745	5,733	0.85	2.726
32	24	8,165	5,960	0.73	2.585	7,668	5,598	0.73	2.703	7,242	5,287	0.73	2.820
32	26	8,591	5,241	0.61	2.679	8,094	4,937	0.61	2.797	7,597	4,634	0.61	2.914

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SM100JA(L) / SUZ-SA100VA2

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	11,045	7,952	0.72	2,496	10,575	7,614	0.72	2,621	10,152	7,309	0.72	2,746	9,776	7,039	0.72	2,870
21	20	11,515	6,909	0.60	2,621	11,045	6,627	0.60	2,777	10,716	6,430	0.60	2,839	10,340	6,204	0.60	2,964
22	18	11,045	8,394	0.76	2,496	10,575	8,037	0.76	2,621	10,152	7,716	0.76	2,746	9,776	7,430	0.76	2,870
22	20	11,515	7,370	0.64	2,621	11,045	7,069	0.64	2,777	10,716	6,858	0.64	2,839	10,340	6,618	0.64	2,964
22	22	11,985	6,232	0.52	2,714	11,562	6,012	0.52	2,886	11,280	5,866	0.52	2,964	10,810	5,621	0.52	3,089
23	18	11,045	8,836	0.80	2,496	10,575	8,460	0.80	2,621	10,152	8,122	0.80	2,746	9,776	7,821	0.80	2,870
23	20	11,515	7,830	0.68	2,621	11,045	7,511	0.68	2,777	10,716	7,287	0.68	2,839	10,340	7,031	0.68	2,964
23	22	11,985	6,712	0.56	2,714	11,562	6,475	0.56	2,886	11,280	6,317	0.56	2,964	10,810	6,054	0.56	3,089
24	18	11,045	9,278	0.84	2,496	10,575	8,883	0.84	2,621	10,152	8,528	0.84	2,746	9,776	8,212	0.84	2,870
24	20	11,515	8,291	0.72	2,621	11,045	7,952	0.72	2,777	10,716	7,716	0.72	2,839	10,340	7,445	0.72	2,964
24	22	11,985	7,191	0.60	2,714	11,562	6,937	0.60	2,886	11,280	6,768	0.60	2,964	10,810	6,486	0.60	3,089
24	24	12,596	6,046	0.48	2,839	12,126	5,820	0.48	2,995	11,844	5,685	0.48	3,089	11,468	5,505	0.48	3,245
25	20	11,515	8,751	0.76	2,621	11,045	8,394	0.76	2,777	10,716	8,144	0.76	2,839	10,340	7,858	0.76	2,964
25	22	11,985	7,670	0.64	2,714	11,562	7,400	0.64	2,886	11,280	7,219	0.64	2,964	10,810	6,918	0.64	3,089
25	24	12,596	6,550	0.52	2,839	12,126	6,306	0.52	2,995	11,844	6,159	0.52	3,089	11,468	5,963	0.52	3,245
26	18	11,045	10,161	0.92	2,496	10,575	9,729	0.92	2,621	10,152	9,340	0.92	2,746	9,776	8,994	0.92	2,870
26	20	11,515	9,212	0.80	2,621	11,045	8,836	0.80	2,777	10,716	8,573	0.80	2,839	10,340	8,272	0.80	2,964
26	22	11,985	8,150	0.68	2,714	11,562	7,862	0.68	2,886	11,280	7,670	0.68	2,964	10,810	7,351	0.68	3,089
26	24	12,596	7,054	0.56	2,839	12,126	6,791	0.56	2,995	11,844	6,633	0.56	3,089	11,468	6,422	0.56	3,245
26	26	12,972	5,708	0.44	2,995	12,596	5,542	0.44	3,151	12,408	5,460	0.44	3,245	12,032	5,294	0.44	3,338
27	18	11,045	10,603	0.96	2,496	10,575	10,152	0.96	2,621	10,152	9,746	0.96	2,746	9,776	9,385	0.96	2,870
27	20	11,515	9,673	0.84	2,621	11,045	9,278	0.84	2,777	10,716	9,001	0.84	2,839	10,340	8,686	0.84	2,964
27	22	11,985	8,629	0.72	2,714	11,562	8,325	0.72	2,886	11,280	8,122	0.72	2,964	10,810	7,783	0.72	3,089
27	24	12,596	7,558	0.60	2,839	12,126	7,276	0.60	2,995	11,844	7,106	0.60	3,089	11,468	6,881	0.60	3,245
27	26	12,972	6,227	0.48	2,995	12,596	6,046	0.48	3,151	12,408	5,956	0.48	3,245	12,032	5,775	0.48	3,338
28	18	11,045	11,045	1.00	2,496	10,575	10,575	1.00	2,621	10,152	10,152	1.00	2,746	9,776	9,776	1.00	2,870
28	20	11,515	10,133	0.88	2,621	11,045	9,720	0.88	2,777	10,716	9,430	0.88	2,839	10,340	9,099	0.88	2,964
28	22	11,985	9,109	0.76	2,714	11,562	8,787	0.76	2,886	11,280	8,573	0.76	2,964	10,810	8,216	0.76	3,089
28	24	12,596	8,061	0.64	2,839	12,126	7,761	0.64	2,995	11,844	7,580	0.64	3,089	11,468	7,340	0.64	3,245
28	26	12,972	6,745	0.52	2,995	12,596	6,550	0.52	3,151	12,408	6,452	0.52	3,245	12,032	6,257	0.52	3,338
29	18	11,045	11,487	1.04	2,496	10,575	10,998	1.04	2,621	10,152	10,558	1.04	2,746	9,776	10,167	1.04	2,870
29	20	11,515	10,594	0.92	2,621	11,045	10,161	0.92	2,777	10,716	9,859	0.92	2,839	10,340	9,513	0.92	2,964
29	22	11,985	9,588	0.80	2,714	11,562	9,250	0.80	2,886	11,280	9,024	0.80	2,964	10,810	8,648	0.80	3,089
29	24	12,596	8,565	0.68	2,839	12,126	8,246	0.68	2,995	11,844	8,054	0.68	3,089	11,468	7,798	0.68	3,245
29	26	12,972	7,264	0.56	2,995	12,596	7,054	0.56	3,151	12,408	6,948	0.56	3,245	12,032	6,738	0.56	3,338
30	18	11,045	11,929	1.08	2,496	10,575	11,421	1.08	2,621	10,152	10,964	1.08	2,746	9,776	10,558	1.08	2,870
30	20	11,515	11,054	0.96	2,621	11,045	10,603	0.96	2,777	10,716	10,287	0.96	2,839	10,340	9,926	0.96	2,964
30	22	11,985	10,067	0.84	2,714	11,562	9,712	0.84	2,886	11,280	9,475	0.84	2,964	10,810	9,080	0.84	3,089
30	24	12,596	9,069	0.72	2,839	12,126	8,731	0.72	2,995	11,844	8,528	0.72	3,089	11,468	8,257	0.72	3,245
30	26	12,972	7,783	0.60	2,995	12,596	7,558	0.60	3,151	12,408	7,445	0.60	3,245	12,032	7,219	0.60	3,338
31	18	11,045	12,370	1.12	2,496	10,575	11,844	1.12	2,621	10,152	11,370	1.12	2,746	9,776	10,949	1.12	2,870
31	20	11,515	11,515	1.00	2,621	11,045	11,045	1.00	2,777	10,716	10,716	1.00	2,839	10,340	10,340	1.00	2,964
31	22	11,985	10,547	0.88	2,714	11,562	10,175	0.88	2,886	11,280	9,926	0.88	2,964	10,810	9,513	0.88	3,089
31	24	12,596	9,573	0.76	2,839	12,126	9,216	0.76	2,995	11,844	9,001	0.76	3,089	11,468	8,716	0.76	3,245
31	26	12,972	8,302	0.64	2,995	12,596	8,061	0.64	3,151	12,408	7,941	0.64	3,245	12,032	7,700	0.64	3,338
32	18	11,045	12,812	1.16	2,496	10,575	12,267	1.16	2,621	10,152	11,776	1.16	2,746	9,776	11,340	1.16	2,870
32	20	11,515	11,976	1.04	2,621	11,045	11,487	1.04	2,777	10,716	11,145	1.04	2,839	10,340	10,754	1.04	2,964
32	22	11,985	11,026	0.92	2,714	11,562	10,637	0.92	2,886	11,280	10,378	0.92	2,964	10,810	9,945	0.92	3,089
32	24	12,596	10,077	0.80	2,839	12,126	9,701	0.80	2,995	11,844	9,475	0.80	3,089	11,468	9,174	0.80	3,245
32	26	12,972	8,821	0.68	2,995	12,596	8,565	0.68	3,151	12,408	8,437	0.68	3,245	12,032	8,182	0.68	3,338

CEILING-CONCEALED PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SM100JA(L) / SUZ-SA100VA2

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)											
		35				40				46			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	9.212	6.633	0.72	3.058	8,460	6,091	0.72	3.245	7,802	5,617	0.72	3.370
21	20	9.682	5,809	0.60	3.182	9,024	5,414	0.60	3.338	8,366	5,020	0.60	3.526
22	18	9.212	7,001	0.76	3.058	8,460	6,430	0.76	3.245	7,802	5,930	0.76	3.370
22	20	9.682	6,196	0.64	3.182	9,024	5,775	0.64	3.338	8,366	5,354	0.64	3.526
22	22	10.246	5,328	0.52	3.307	9,588	4,986	0.52	3.494	8,930	4,644	0.52	3.619
23	18	9.212	7,370	0.80	3.058	8,460	6,768	0.80	3.245	7,802	6,242	0.80	3.370
23	20	9.682	6,584	0.68	3.182	9,024	6,136	0.68	3.338	8,366	5,689	0.68	3.526
23	22	10.246	5,738	0.56	3.307	9,588	5,369	0.56	3.494	8,930	5,001	0.56	3.619
24	18	9.212	7,738	0.84	3.058	8,460	7,106	0.84	3.245	7,802	6,554	0.84	3.370
24	20	9.682	6,971	0.72	3.182	9,024	6,497	0.72	3.338	8,366	6,024	0.72	3.526
24	22	10.246	6,148	0.60	3.307	9,588	5,753	0.60	3.494	8,930	5,358	0.60	3.619
24	24	10.810	5,189	0.48	3.432	10,152	4,873	0.48	3.588	9,588	4,602	0.48	3.744
25	20	9.682	7,358	0.76	3.182	9,024	6,858	0.76	3.338	8,366	6,358	0.76	3.526
25	22	10.246	6,557	0.64	3.307	9,588	6,136	0.64	3.494	8,930	5,715	0.64	3.619
25	24	10.810	5,621	0.52	3.432	10,152	5,279	0.52	3.588	9,588	4,986	0.52	3.744
26	18	9.212	8,475	0.92	3.058	8,460	7,783	0.92	3.245	7,802	7,178	0.92	3.370
26	20	9.682	7,746	0.80	3.182	9,024	7,219	0.80	3.338	8,366	6,693	0.80	3.526
26	22	10.246	6,967	0.68	3.307	9,588	6,520	0.68	3.494	8,930	6,072	0.68	3.619
26	24	10,810	6,054	0.56	3.432	10,152	5,685	0.56	3.588	9,588	5,369	0.56	3.744
26	26	11,374	5,005	0.44	3.557	10,716	4,715	0.44	3.713	10,058	4,426	0.44	3.869
27	18	9.212	8,844	0.96	3.058	8,460	8,122	0.96	3.245	7,802	7,490	0.96	3.370
27	20	9.682	8,133	0.84	3.182	9,024	7,580	0.84	3.338	8,366	7,027	0.84	3.526
27	22	10,246	7,377	0.72	3.307	9,588	6,903	0.72	3.494	8,930	6,430	0.72	3.619
27	24	10,810	6,486	0.60	3.432	10,152	6,091	0.60	3.588	9,588	5,753	0.60	3.744
27	26	11,374	5,460	0.48	3.557	10,716	5,144	0.48	3.713	10,058	4,828	0.48	3.869
28	18	9.212	9,212	1.00	3.058	8,460	8,460	1.00	3.245	7,802	7,802	1.00	3.370
28	20	9.682	8,520	0.88	3.182	9,024	7,941	0.88	3.338	8,366	7,362	0.88	3.526
28	22	10,246	7,787	0.76	3.307	9,588	7,287	0.76	3.494	8,930	6,787	0.76	3.619
28	24	10,810	6,918	0.64	3.432	10,152	6,497	0.64	3.588	9,588	6,136	0.64	3.744
28	26	11,374	5,914	0.52	3.557	10,716	5,572	0.52	3.713	10,058	5,230	0.52	3.869
29	18	9.212	9,580	1.04	3.058	8,460	8,798	1.04	3.245	7,802	8,114	1.04	3.370
29	20	9.682	8,907	0.92	3.182	9,024	8,302	0.92	3.338	8,366	7,697	0.92	3.526
29	22	10,246	8,197	0.80	3.307	9,588	7,670	0.80	3.494	8,930	7,144	0.80	3.619
29	24	10,810	7,351	0.68	3.432	10,152	6,903	0.68	3.588	9,588	6,520	0.68	3.744
29	26	11,374	6,369	0.56	3.557	10,716	6,001	0.56	3.713	10,058	5,632	0.56	3.869
30	18	9.212	9,949	1.08	3.058	8,460	9,137	1.08	3.245	7,802	8,426	1.08	3.370
30	20	9.682	9,295	0.96	3.182	9,024	8,663	0.96	3.338	8,366	8,031	0.96	3.526
30	22	10,246	8,607	0.84	3.307	9,588	8,054	0.84	3.494	8,930	7,501	0.84	3.619
30	24	10,810	7,783	0.72	3.432	10,152	7,309	0.72	3.588	9,588	6,903	0.72	3.744
30	26	11,374	6,824	0.60	3.557	10,716	6,430	0.60	3.713	10,058	6,035	0.60	3.869
31	18	9.212	10,317	1.12	3.058	8,460	9,475	1.12	3.245	7,802	8,738	1.12	3.370
31	20	9.682	9,682	1.00	3.182	9,024	9,024	1.00	3.338	8,366	8,366	1.00	3.526
31	22	10,246	9,016	0.88	3.307	9,588	8,437	0.88	3.494	8,930	7,858	0.88	3.619
31	24	10,810	8,216	0.76	3.432	10,152	7,716	0.76	3.588	9,588	7,287	0.76	3.744
31	26	11,374	7,279	0.64	3.557	10,716	6,858	0.64	3.713	10,058	6,437	0.64	3.869
32	18	9.212	10,686	1.16	3.058	8,460	9,814	1.16	3.245	7,802	9,050	1.16	3.370
32	20	9.682	10,069	1.04	3.182	9,024	9,385	1.04	3.338	8,366	8,701	1.04	3.526
32	22	10,246	9,426	0.92	3.307	9,588	8,821	0.92	3.494	8,930	8,216	0.92	3.619
32	24	10,810	8,648	0.80	3.432	10,152	8,122	0.80	3.588	9,588	7,670	0.80	3.744
32	26	11,374	7,734	0.68	3.557	10,716	7,287	0.68	3.713	10,058	6,839	0.68	3.869

CEILING-
CONCEALED

PERFORMANCE DATA

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

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SM100JA(L) / PUHZ-SP100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,700	0.72	2.46	9,024	6,497	0.72	2.60	8,742	6,294	0.72	2.76
20	18	9,964	5,978	0.60	2.51	9,682	5,809	0.60	2.65	9,353	5,612	0.60	2.83
20	20	10,716	5,144	0.48	2.59	10,481	5,031	0.48	2.71	10,199	4,896	0.48	2.90
22	16	9,306	7,445	0.80	2.46	9,024	7,219	0.80	2.60	8,742	6,994	0.80	2.76
22	18	9,964	6,776	0.68	2.51	9,682	6,584	0.68	2.65	9,353	6,360	0.68	2.83
22	20	10,716	6,001	0.56	2.59	10,481	5,869	0.56	2.71	10,199	5,711	0.56	2.90
24	16	9,306	8,189	0.88	2.46	9,024	7,941	0.88	2.60	8,742	7,693	0.88	2.76
24	18	9,964	7,573	0.76	2.51	9,682	7,358	0.76	2.65	9,353	7,108	0.76	2.83
24	20	10,716	6,858	0.64	2.59	10,481	6,708	0.64	2.71	10,199	6,527	0.64	2.90
24	22	11,421	5,939	0.52	2.65	11,186	5,817	0.52	2.80	10,904	5,670	0.52	2.99
26	16	9,306	8,934	0.96	2.46	9,024	8,663	0.96	2.60	8,742	8,392	0.96	2.76
26	18	9,964	8,370	0.84	2.51	9,682	8,133	0.84	2.65	9,353	7,857	0.84	2.83
26	20	10,716	7,716	0.72	2.59	10,481	7,546	0.72	2.71	10,199	7,343	0.72	2.90
26	22	11,421	6,853	0.60	2.65	11,186	6,712	0.60	2.80	10,904	6,542	0.60	2.99
27	16	9,306	9,306	1.00	2.46	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
27	18	9,964	8,768	0.88	2.51	9,682	8,520	0.88	2.65	9,353	8,231	0.88	2.83
27	20	10,716	8,144	0.76	2.59	10,481	7,966	0.76	2.71	10,199	7,751	0.76	2.90
27	22	11,421	7,309	0.64	2.65	11,186	7,159	0.64	2.80	10,904	6,979	0.64	2.99
28	16	9,306	9,306	1.00	2.46	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
28	18	9,964	9,167	0.92	2.51	9,682	8,907	0.92	2.65	9,353	8,605	0.92	2.83
28	20	10,716	8,573	0.80	2.59	10,481	8,385	0.80	2.71	10,199	8,159	0.80	2.90
28	22	11,421	7,766	0.68	2.65	11,186	7,606	0.68	2.80	10,904	7,415	0.68	2.99
30	16	9,306	9,306	1.00	2.46	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
30	18	9,964	9,964	1.00	2.51	9,682	9,682	1.00	2.65	9,353	9,353	1.00	2.83
30	20	10,716	9,430	0.88	2.59	10,481	9,223	0.88	2.71	10,199	8,975	0.88	2.90
30	22	11,421	8,680	0.76	2.65	11,186	8,501	0.76	2.80	10,904	8,287	0.76	2.99
32	16	9,306	9,306	1.00	2.46	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
32	18	9,964	9,964	1.00	2.51	9,682	9,682	1.00	2.65	9,353	9,353	1.00	2.83
32	20	10,716	10,287	0.96	2.59	10,481	10,062	0.96	2.71	10,199	9,791	0.96	2.90
32	22	11,421	9,594	0.84	2.65	11,186	9,396	0.84	2.80	10,904	9,159	0.84	2.99
34	16	9,306	9,306	1.00	2.46	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
34	18	9,964	9,964	1.00	2.51	9,682	9,682	1.00	2.65	9,353	9,353	1.00	2.83
34	20	10,716	10,716	1.00	2.59	10,481	10,481	1.00	2.71	10,199	10,199	1.00	2.90
34	22	11,421	10,507	0.92	2.65	11,186	10,291	0.92	2.80	10,904	10,032	0.92	2.99

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	6,024	0.72	2.96	7,990	5,753	0.72	3.17	7,614	5,482	0.72	3.43
20	18	9,024	5,414	0.60	3.03	8,742	5,245	0.60	3.26	8,178	4,907	0.60	3.51
20	20	9,776	4,692	0.48	3.11	9,400	4,512	0.48	3.33	8,836	4,241	0.48	3.57
22	16	8,366	6,693	0.80	2.96	7,990	6,392	0.80	3.17	7,614	6,091	0.80	3.43
22	18	9,024	6,136	0.68	3.03	8,742	5,945	0.68	3.26	8,178	5,561	0.68	3.51
22	20	9,776	5,475	0.56	3.11	9,400	5,264	0.56	3.33	8,836	4,948	0.56	3.57
24	16	8,366	7,362	0.88	2.96	7,990	7,031	0.88	3.17	7,614	6,700	0.88	3.43
24	18	9,024	6,858	0.76	3.03	8,742	6,644	0.76	3.26	8,178	6,215	0.76	3.51
24	20	9,776	6,257	0.64	3.11	9,400	6,016	0.64	3.33	8,836	5,655	0.64	3.57
24	22	10,528	5,475	0.52	3.17	10,152	5,279	0.52	3.42	9,588	4,986	0.52	3.63
26	16	8,366	8,031	0.96	2.96	7,990	7,670	0.96	3.17	7,614	7,309	0.96	3.43
26	18	9,024	7,580	0.84	3.03	8,742	7,343	0.84	3.26	8,178	6,870	0.84	3.51
26	20	9,776	7,039	0.72	3.11	9,400	6,768	0.72	3.33	8,836	6,362	0.72	3.57
26	22	10,528	6,317	0.60	3.17	10,152	6,091	0.60	3.42	9,588	5,753	0.60	3.63
27	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.43
27	18	9,024	7,941	0.88	3.03	8,742	7,693	0.88	3.26	8,178	7,197	0.88	3.51
27	20	9,776	7,430	0.76	3.11	9,400	7,144	0.76	3.33	8,836	6,715	0.76	3.57
27	22	10,528	6,738	0.64	3.17	10,152	6,497	0.64	3.42	9,588	6,136	0.64	3.63
28	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.43
28	18	9,024	8,302	0.92	3.03	8,742	8,043	0.92	3.26	8,178	7,524	0.92	3.51
28	20	9,776	7,821	0.80	3.11	9,400	7,520	0.80	3.33	8,836	7,069	0.80	3.57
28	22	10,528	7,159	0.68	3.17	10,152	6,903	0.68	3.42	9,588	6,520	0.68	3.63
30	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.43
30	18	9,024	9,024	1.00	3.03	8,742	8,742	1.00	3.26	8,178	8,178	1.00	3.51
30	20	9,776	8,603	0.88	3.11	9,400	8,272	0.88	3.33	8,836	7,776	0.88	3.57
30	22	10,528	8,001	0.76	3.17	10,152	7,716	0.76	3.42	9,588	7,287	0.76	3.63
32	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.43
32	18	9,024	9,024	1.00	3.03	8,742	8,742	1.00	3.26	8,178	8,178	1.00	3.51
32	20	9,776	9,385	0.96	3.11	9,400	9,024	0.96	3.33	8,836	8,483	0.96	3.57
32	22	10,528	8,844	0.84	3.17	10,152	8,528	0.84	3.42	9,588	8,054	0.84	3.63
34	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.43
34	18	9,024	9,024	1.00	3.03	8,742	8,742	1.00	3.26	8,178	8,178	1.00	3.51
34	20	9,776	9,776	1.00	3.11	9,400	9,400	1.00	3.33	8,836	8,836	1.00	3.57
34	22	10,528	9,686	0.92	3.17	10,152	9,340	0.92	3.42	9,588	8,821	0.92	3.63

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SM125JA(L) / PUAZ-SP125VKA PUAZ-SP125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,979	8,864	0.74	3.44	11,616	8,596	0.74	3.63	11,253	8,327	0.74	3.85
20	18	12,826	7,952	0.62	3.50	12,463	7,727	0.62	3.70	12,040	7,464	0.62	3.96
20	20	13,794	6,897	0.50	3.61	13,492	6,746	0.50	3.78	13,129	6,564	0.50	4.04
22	16	11,979	9,823	0.82	3.44	11,616	9,525	0.82	3.63	11,253	9,227	0.82	3.85
22	18	12,826	8,978	0.70	3.50	12,463	8,724	0.70	3.70	12,040	8,428	0.70	3.96
22	20	13,794	8,001	0.58	3.61	13,492	7,825	0.58	3.78	13,129	7,615	0.58	4.04
24	16	11,979	10,781	0.90	3.44	11,616	10,454	0.90	3.63	11,253	10,128	0.90	3.85
24	18	12,826	10,004	0.78	3.50	12,463	9,721	0.78	3.70	12,040	9,391	0.78	3.96
24	20	13,794	9,104	0.66	3.61	13,492	8,904	0.66	3.78	13,129	8,665	0.66	4.04
24	22	14,702	7,939	0.54	3.70	14,399	7,775	0.54	3.91	14,036	7,579	0.54	4.17
26	16	11,979	11,739	0.98	3.44	11,616	11,384	0.98	3.63	11,253	11,028	0.98	3.85
26	18	12,826	11,030	0.86	3.50	12,463	10,718	0.86	3.70	12,040	10,354	0.86	3.96
26	20	13,794	10,208	0.74	3.61	13,492	9,984	0.74	3.78	13,129	9,715	0.74	4.04
26	22	14,702	9,115	0.62	3.70	14,399	8,927	0.62	3.91	14,036	8,702	0.62	4.17
27	16	11,979	11,979	1.00	3.44	11,616	11,616	1.00	3.63	11,253	11,253	1.00	3.85
27	18	12,826	11,543	0.90	3.50	12,463	11,217	0.90	3.70	12,040	10,836	0.90	3.96
27	20	13,794	10,759	0.78	3.61	13,492	10,523	0.78	3.78	13,129	10,240	0.78	4.04
27	22	14,702	9,703	0.66	3.70	14,399	9,503	0.66	3.91	14,036	9,264	0.66	4.17
28	16	11,979	11,979	1.00	3.44	11,616	11,616	1.00	3.63	11,253	11,253	1.00	3.85
28	18	12,826	12,056	0.94	3.50	12,463	11,715	0.94	3.70	12,040	11,317	0.94	3.96
28	20	13,794	11,311	0.82	3.61	13,492	11,063	0.82	3.78	13,129	10,765	0.82	4.04
28	22	14,702	10,291	0.70	3.70	14,399	10,079	0.70	3.91	14,036	9,825	0.70	4.17
30	16	11,979	11,979	1.00	3.44	11,616	11,616	1.00	3.63	11,253	11,253	1.00	3.85
30	18	12,826	12,826	1.00	3.50	12,463	12,463	1.00	3.70	12,040	12,040	1.00	3.96
30	20	13,794	12,415	0.90	3.61	13,492	12,142	0.90	3.78	13,129	11,816	0.90	4.04
30	22	14,702	11,467	0.78	3.70	14,399	11,231	0.78	3.91	14,036	10,948	0.78	4.17
32	16	11,979	11,979	1.00	3.44	11,616	11,616	1.00	3.63	11,253	11,253	1.00	3.85
32	18	12,826	12,826	1.00	3.50	12,463	12,463	1.00	3.70	12,040	12,040	1.00	3.96
32	20	13,794	13,518	0.98	3.61	13,492	13,222	0.98	3.78	13,129	12,866	0.98	4.04
32	22	14,702	12,643	0.86	3.70	14,399	12,383	0.86	3.91	14,036	12,071	0.86	4.17
34	16	11,979	11,979	1.00	3.44	11,616	11,616	1.00	3.63	11,253	11,253	1.00	3.85
34	18	12,826	12,826	1.00	3.50	12,463	12,463	1.00	3.70	12,040	12,040	1.00	3.96
34	20	13,794	13,794	1.00	3.61	13,492	13,492	1.00	3.78	13,129	13,129	1.00	4.04
34	22	14,702	13,819	0.94	3.70	14,399	13,535	0.94	3.91	14,036	13,194	0.94	4.17

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,769	7,969	0.74	4.13	10,285	7,611	0.74	4.43	9,801	7,253	0.74	4.79
20	18	11,616	7,202	0.62	4.24	11,253	6,977	0.62	4.56	10,527	6,527	0.62	4.90
20	20	12,584	6,292	0.50	4.34	12,100	6,050	0.50	4.64	11,374	5,687	0.50	4.99
22	16	10,769	8,831	0.82	4.13	10,285	8,434	0.82	4.43	9,801	8,037	0.82	4.79
22	18	11,616	8,131	0.70	4.24	11,253	7,877	0.70	4.56	10,527	7,369	0.70	4.90
22	20	12,584	7,299	0.58	4.34	12,100	7,018	0.58	4.64	11,374	6,597	0.58	4.99
24	16	10,769	9,692	0.90	4.13	10,285	9,257	0.90	4.43	9,801	8,821	0.90	4.79
24	18	11,616	9,060	0.78	4.24	11,253	8,777	0.78	4.56	10,527	8,211	0.78	4.90
24	20	12,584	8,305	0.66	4.34	12,100	7,986	0.66	4.64	11,374	7,507	0.66	4.99
24	22	13,552	7,318	0.54	4.43	13,068	7,057	0.54	4.77	12,342	6,665	0.54	5.07
26	16	10,769	10,554	0.98	4.13	10,285	10,079	0.98	4.43	9,801	9,605	0.98	4.79
26	18	11,616	9,990	0.86	4.24	11,253	9,678	0.86	4.56	10,527	9,053	0.86	4.90
26	20	12,584	9,312	0.74	4.34	12,100	8,954	0.74	4.64	11,374	8,417	0.74	4.99
26	22	13,552	8,402	0.62	4.43	13,068	8,102	0.62	4.77	12,342	7,652	0.62	5.07
27	16	10,769	10,769	1.00	4.13	10,285	10,285	1.00	4.43	9,801	9,801	1.00	4.79
27	18	11,616	10,454	0.90	4.24	11,253	10,128	0.90	4.56	10,527	9,474	0.90	4.90
27	20	12,584	9,816	0.78	4.34	12,100	9,438	0.78	4.64	11,374	8,872	0.78	4.99
27	22	13,552	8,944	0.66	4.43	13,068	8,625	0.66	4.77	12,342	8,146	0.66	5.07
28	16	10,769	10,769	1.00	4.13	10,285	10,285	1.00	4.43	9,801	9,801	1.00	4.79
28	18	11,616	10,919	0.94	4.24	11,253	10,578	0.94	4.56	10,527	9,895	0.94	4.90
28	20	12,584	10,319	0.82	4.34	12,100	9,922	0.82	4.64	11,374	9,327	0.82	4.99
28	22	13,552	9,486	0.70	4.43	13,068	9,148	0.70	4.77	12,342	8,639	0.70	5.07
30	16	10,769	10,769	1.00	4.13	10,285	10,285	1.00	4.43	9,801	9,801	1.00	4.79
30	18	11,616	11,616	1.00	4.24	11,253	11,253	1.00	4.56	10,527	10,527	1.00	4.90
30	20	12,584	11,326	0.90	4.34	12,100	10,890	0.90	4.64	11,374	10,237	0.90	4.99
30	22	13,552	10,571	0.78	4.43	13,068	10,193	0.78	4.77	12,342	9,627	0.78	5.07
32	16	10,769	10,769	1.00	4.13	10,285	10,285	1.00	4.43	9,801	9,801	1.00	4.79
32	18	11,616	11,616	1.00	4.24	11,253	11,253	1.00	4.56	10,527	10,527	1.00	4.90
32	20	12,584	12,332	0.98	4.34	12,100	11,858	0.98	4.64	11,374	11,147	0.98	4.99
32	22	13,552	11,655	0.86	4.43	13,068	11,238	0.86	4.77	12,342	10,614	0.86	5.07
34	16	10,769	10,769	1.00	4.13	10,285	10,285	1.00	4.43	9,801	9,801	1.00	4.79
34	18	11,616	11,616	1.00	4.24	11,253	11,253	1.00	4.56	10,527	10,527	1.00	4.90
34	20	12,584	12,584	1.00	4.34	12,100	12,100	1.00	4.64	11,374	11,374	1.00	4.99
34	22	13,552	12,739	0.94	4.43	13,068	12,284	0.94	4.77	12,342	11,601	0.94	5.07

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

CEILING-CONCEALED
 PERFORMANCE DATA

COOLING CAPACITY
PEAD-SM140JA(L) / PUAZ-SP140VKA PUAZ-SP140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	9,963	0.74	4.32	13,056	9,661	0.74	4.56	12,648	9,360	0.74	4.83
20	18	14,416	8,938	0.62	4.40	14,008	8,685	0.62	4.64	13,532	8,390	0.62	4.97
20	20	15,504	7,752	0.50	4.54	15,164	7,582	0.50	4.75	14,756	7,378	0.50	5.08
22	16	13,464	11,040	0.82	4.32	13,056	10,706	0.82	4.56	12,648	10,371	0.82	4.83
22	18	14,416	10,091	0.70	4.40	14,008	9,806	0.70	4.64	13,532	9,472	0.70	4.97
22	20	15,504	8,992	0.58	4.54	15,164	8,795	0.58	4.75	14,756	8,558	0.58	5.08
24	16	13,464	12,118	0.90	4.32	13,056	11,750	0.90	4.56	12,648	11,383	0.90	4.83
24	18	14,416	11,244	0.78	4.40	14,008	10,926	0.78	4.64	13,532	10,555	0.78	4.97
24	20	15,504	10,233	0.66	4.54	15,164	10,008	0.66	4.75	14,756	9,739	0.66	5.08
24	22	16,524	8,923	0.54	4.64	16,184	8,739	0.54	4.91	15,776	8,519	0.54	5.24
26	16	13,464	13,195	0.98	4.32	13,056	12,795	0.98	4.56	12,648	12,395	0.98	4.83
26	18	14,416	12,398	0.86	4.40	14,008	12,047	0.86	4.64	13,532	11,638	0.86	4.97
26	20	15,504	11,473	0.74	4.54	15,164	11,221	0.74	4.75	14,756	10,919	0.74	5.08
26	22	16,524	10,245	0.62	4.64	16,184	10,034	0.62	4.91	15,776	9,781	0.62	5.24
27	16	13,464	13,464	1.00	4.32	13,056	13,056	1.00	4.56	12,648	12,648	1.00	4.83
27	18	14,416	12,974	0.90	4.40	14,008	12,607	0.90	4.64	13,532	12,179	0.90	4.97
27	20	15,504	12,093	0.78	4.54	15,164	11,828	0.78	4.75	14,756	11,510	0.78	5.08
27	22	16,524	10,906	0.66	4.64	16,184	10,681	0.66	4.91	15,776	10,412	0.66	5.24
28	16	13,464	13,464	1.00	4.32	13,056	13,056	1.00	4.56	12,648	12,648	1.00	4.83
28	18	14,416	13,551	0.94	4.40	14,008	13,168	0.94	4.64	13,532	12,720	0.94	4.97
28	20	15,504	12,713	0.82	4.54	15,164	12,434	0.82	4.75	14,756	12,100	0.82	5.08
28	22	16,524	11,567	0.70	4.64	16,184	11,329	0.70	4.91	15,776	11,043	0.70	5.24
30	16	13,464	13,464	1.00	4.32	13,056	13,056	1.00	4.56	12,648	12,648	1.00	4.83
30	18	14,416	14,416	1.00	4.40	14,008	14,008	1.00	4.64	13,532	13,532	1.00	4.97
30	20	15,504	13,954	0.90	4.54	15,164	13,648	0.90	4.75	14,756	13,280	0.90	5.08
30	22	16,524	12,889	0.78	4.64	16,184	12,624	0.78	4.91	15,776	12,305	0.78	5.24
32	16	13,464	13,464	1.00	4.32	13,056	13,056	1.00	4.56	12,648	12,648	1.00	4.83
32	18	14,416	14,416	1.00	4.40	14,008	14,008	1.00	4.64	13,532	13,532	1.00	4.97
32	20	15,504	15,194	0.98	4.54	15,164	14,861	0.98	4.75	14,756	14,461	0.98	5.08
32	22	16,524	14,211	0.86	4.64	16,184	13,918	0.86	4.91	15,776	13,567	0.86	5.24
34	16	13,464	13,464	1.00	4.32	13,056	13,056	1.00	4.56	12,648	12,648	1.00	4.83
34	18	14,416	14,416	1.00	4.40	14,008	14,008	1.00	4.64	13,532	13,532	1.00	4.97
34	20	15,504	15,504	1.00	4.54	15,164	15,164	1.00	4.75	14,756	14,756	1.00	5.08
34	22	16,524	15,533	0.94	4.64	16,184	15,213	0.94	4.91	15,776	14,829	0.94	5.24

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	8,957	0.74	5.18	11,560	8,554	0.74	5.56	11,016	8,152	0.74	6.02
20	18	13,056	8,095	0.62	5.32	12,648	7,842	0.62	5.72	11,832	7,336	0.62	6.16
20	20	14,144	7,072	0.50	5.45	13,600	6,800	0.50	5.83	12,784	6,392	0.50	6.26
22	16	12,104	9,925	0.82	5.18	11,560	9,479	0.82	5.56	11,016	9,033	0.82	6.02
22	18	13,056	9,139	0.70	5.32	12,648	8,854	0.70	5.72	11,832	8,282	0.70	6.16
22	20	14,144	8,209	0.58	5.45	13,600	7,888	0.58	5.83	12,784	7,415	0.58	6.26
24	16	12,104	10,894	0.90	5.18	11,560	10,404	0.90	5.56	11,016	9,914	0.90	6.02
24	18	13,056	10,184	0.78	5.32	12,648	9,865	0.78	5.72	11,832	9,229	0.78	6.16
24	20	14,144	9,335	0.66	5.45	13,600	8,976	0.66	5.83	12,784	8,437	0.66	6.26
24	22	15,232	8,225	0.54	5.56	14,688	7,932	0.54	5.99	13,872	7,491	0.54	6.37
26	16	12,104	11,862	0.98	5.18	11,560	11,329	0.98	5.56	11,016	10,796	0.98	6.02
26	18	13,056	11,228	0.86	5.32	12,648	10,877	0.86	5.72	11,832	10,176	0.86	6.16
26	20	14,144	10,467	0.74	5.45	13,600	10,064	0.74	5.83	12,784	9,460	0.74	6.26
26	22	15,232	9,444	0.62	5.56	14,688	9,107	0.62	5.99	13,872	8,601	0.62	6.37
27	16	12,104	12,104	1.00	5.18	11,560	11,560	1.00	5.56	11,016	11,016	1.00	6.02
27	18	13,056	11,750	0.90	5.32	12,648	11,383	0.90	5.72	11,832	10,649	0.90	6.16
27	20	14,144	11,032	0.78	5.45	13,600	10,608	0.78	5.83	12,784	9,972	0.78	6.26
27	22	15,232	10,053	0.66	5.56	14,688	9,694	0.66	5.99	13,872	9,156	0.66	6.37
28	16	12,104	12,104	1.00	5.18	11,560	11,560	1.00	5.56	11,016	11,016	1.00	6.02
28	18	13,056	12,273	0.94	5.32	12,648	11,889	0.94	5.72	11,832	11,122	0.94	6.16
28	20	14,144	11,598	0.82	5.45	13,600	11,152	0.82	5.83	12,784	10,483	0.82	6.26
28	22	15,232	10,662	0.70	5.56	14,688	10,282	0.70	5.99	13,872	9,710	0.70	6.37
30	16	12,104	12,104	1.00	5.18	11,560	11,560	1.00	5.56	11,016	11,016	1.00	6.02
30	18	13,056	13,056	1.00	5.32	12,648	12,648	1.00	5.72	11,832	11,832	1.00	6.16
30	20	14,144	12,730	0.90	5.45	13,600	12,240	0.90	5.83	12,784	11,506	0.90	6.26
30	22	15,232	11,881	0.78	5.56	14,688	11,457	0.78	5.99	13,872	10,820	0.78	6.37
32	16	12,104	12,104	1.00	5.18	11,560	11,560	1.00	5.56	11,016	11,016	1.00	6.02
32	18	13,056	13,056	1.00	5.32	12,648	12,648	1.00	5.72	11,832	11,832	1.00	6.16
32	20	14,144	13,861	0.98	5.45	13,600	13,328	0.98	5.83	12,784	12,528	0.98	6.26
32	22	15,232	13,100	0.86	5.56	14,688	12,632	0.86	5.99	13,872	11,930	0.86	6.37
34	16	12,104	12,104	1.00	5.18	11,560	11,560	1.00	5.56	11,016	11,016	1.00	6.02
34	18	13,056	13,056	1.00	5.32	12,648	12,648	1.00	5.72	11,832	11,832	1.00	6.16
34	20	14,144	14,144	1.00	5.45	13,600	13,600	1.00	5.83	12,784	12,784	1.00	6.26
34	22	15,232	14,318	0.94	5.56	14,688	13,807	0.94	5.99	13,872	13,040	0.94	6.37

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

CEILING-CONCEALED PERFORMANCE DATA

COOLING CAPACITY
PEAD-M71JA / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,272	0.75	1.68	6,816	5,112	0.75	1.77	6,603	4,952	0.75	1.88
20	18	7,526	4,741	0.63	1.71	7,313	4,607	0.63	1.81	7,065	4,451	0.63	1.93
20	20	8,094	4,128	0.51	1.76	7,917	4,037	0.51	1.85	7,704	3,929	0.51	1.97
22	16	7,029	5,834	0.83	1.68	6,816	5,657	0.83	1.77	6,603	5,480	0.83	1.88
22	18	7,526	5,343	0.71	1.71	7,313	5,192	0.71	1.81	7,065	5,016	0.71	1.93
22	20	8,094	4,775	0.59	1.76	7,917	4,671	0.59	1.85	7,704	4,545	0.59	1.97
24	16	7,029	6,396	0.91	1.68	6,816	6,203	0.91	1.77	6,603	6,009	0.91	1.88
24	18	7,526	5,946	0.79	1.71	7,313	5,777	0.79	1.81	7,065	5,581	0.79	1.93
24	20	8,094	5,423	0.67	1.76	7,917	5,304	0.67	1.85	7,704	5,161	0.67	1.97
24	22	8,627	4,745	0.55	1.81	8,449	4,647	0.55	1.91	8,236	4,530	0.55	2.04
26	16	7,029	6,959	0.99	1.68	6,816	6,748	0.99	1.77	6,603	6,537	0.99	1.88
26	18	7,526	6,548	0.87	1.71	7,313	6,362	0.87	1.81	7,065	6,146	0.87	1.93
26	20	8,094	6,071	0.75	1.76	7,917	5,937	0.75	1.85	7,704	5,778	0.75	1.97
26	22	8,627	5,435	0.63	1.81	8,449	5,323	0.63	1.91	8,236	5,189	0.63	2.04
27	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
27	18	7,526	6,849	0.91	1.71	7,313	6,655	0.91	1.81	7,065	6,429	0.91	1.93
27	20	8,094	6,394	0.79	1.76	7,917	6,254	0.79	1.85	7,704	6,086	0.79	1.97
27	22	8,627	5,780	0.67	1.81	8,449	5,661	0.67	1.91	8,236	5,518	0.67	2.04
28	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
28	18	7,526	7,150	0.95	1.71	7,313	6,947	0.95	1.81	7,065	6,711	0.95	1.93
28	20	8,094	6,718	0.83	1.76	7,917	6,571	0.83	1.85	7,704	6,394	0.83	1.97
28	22	8,627	6,125	0.71	1.81	8,449	5,999	0.71	1.91	8,236	5,848	0.71	2.04
30	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
30	18	7,526	7,526	1.00	1.71	7,313	7,313	1.00	1.81	7,065	7,065	1.00	1.93
30	20	8,094	7,366	0.91	1.76	7,917	7,204	0.91	1.85	7,704	7,010	0.91	1.97
30	22	8,627	6,815	0.79	1.81	8,449	6,675	0.79	1.91	8,236	6,506	0.79	2.04
32	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
32	18	7,526	7,526	1.00	1.71	7,313	7,313	1.00	1.81	7,065	7,065	1.00	1.93
32	20	8,094	8,013	0.99	1.76	7,917	7,837	0.99	1.85	7,704	7,626	0.99	1.97
32	22	8,627	7,505	0.87	1.81	8,449	7,351	0.87	1.91	8,236	7,165	0.87	2.04
34	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
34	18	7,526	7,526	1.00	1.71	7,313	7,313	1.00	1.81	7,065	7,065	1.00	1.93
34	20	8,094	8,094	1.00	1.76	7,917	7,917	1.00	1.85	7,704	7,704	1.00	1.97
34	22	8,627	8,195	0.95	1.81	8,449	8,027	0.95	1.91	8,236	7,824	0.95	2.04

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	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,739	0.75	2.02	6,035	4,526	0.75	2.16	5,751	4,313	0.75	2.34
20	18	6,816	4,294	0.63	2.07	6,603	4,160	0.63	2.23	6,177	3,892	0.63	2.39
20	20	7,384	3,766	0.51	2.12	7,100	3,621	0.51	2.27	6,674	3,404	0.51	2.44
22	16	6,319	5,245	0.83	2.02	6,035	5,009	0.83	2.16	5,751	4,773	0.83	2.34
22	18	6,816	4,839	0.71	2.07	6,603	4,688	0.71	2.23	6,177	4,386	0.71	2.39
22	20	7,384	4,357	0.59	2.12	7,100	4,189	0.59	2.27	6,674	3,938	0.59	2.44
24	16	6,319	5,750	0.91	2.02	6,035	5,492	0.91	2.16	5,751	5,233	0.91	2.34
24	18	6,816	5,385	0.79	2.07	6,603	5,216	0.79	2.23	6,177	4,880	0.79	2.39
24	20	7,384	4,947	0.67	2.12	7,100	4,757	0.67	2.27	6,674	4,472	0.67	2.44
24	22	7,952	4,374	0.55	2.16	7,668	4,217	0.55	2.33	7,242	3,983	0.55	2.48
26	16	6,319	6,256	0.99	2.02	6,035	5,975	0.99	2.16	5,751	5,693	0.99	2.34
26	18	6,816	5,930	0.87	2.07	6,603	5,745	0.87	2.23	6,177	5,374	0.87	2.39
26	20	7,384	5,538	0.75	2.12	7,100	5,325	0.75	2.27	6,674	5,006	0.75	2.44
26	22	7,952	5,010	0.63	2.16	7,668	4,831	0.63	2.33	7,242	4,562	0.63	2.48
27	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
27	18	6,816	6,203	0.91	2.07	6,603	6,009	0.91	2.23	6,177	5,621	0.91	2.39
27	20	7,384	5,833	0.79	2.12	7,100	5,609	0.79	2.27	6,674	5,272	0.79	2.44
27	22	7,952	5,328	0.67	2.16	7,668	5,138	0.67	2.33	7,242	4,852	0.67	2.48
28	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
28	18	6,816	6,475	0.95	2.07	6,603	6,273	0.95	2.23	6,177	5,868	0.95	2.39
28	20	7,384	6,129	0.83	2.12	7,100	5,893	0.83	2.27	6,674	5,539	0.83	2.44
28	22	7,952	5,646	0.71	2.16	7,668	5,444	0.71	2.33	7,242	5,142	0.71	2.48
30	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
30	18	6,816	6,816	1.00	2.07	6,603	6,603	1.00	2.23	6,177	6,177	1.00	2.39
30	20	7,384	6,719	0.91	2.12	7,100	6,461	0.91	2.27	6,674	6,073	0.91	2.44
30	22	7,952	6,282	0.79	2.16	7,668	6,058	0.79	2.33	7,242	5,721	0.79	2.48
32	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
32	18	6,816	6,816	1.00	2.07	6,603	6,603	1.00	2.23	6,177	6,177	1.00	2.39
32	20	7,384	7,310	0.99	2.12	7,100	7,029	0.99	2.27	6,674	6,607	0.99	2.44
32	22	7,952	6,918	0.87	2.16	7,668	6,671	0.87	2.33	7,242	6,301	0.87	2.48
34	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
34	18	6,816	6,816	1.00	2.07	6,603	6,603	1.00	2.23	6,177	6,177	1.00	2.39
34	20	7,384	7,384	1.00	2.12	7,100	7,100	1.00	2.27	6,674	6,674	1.00	2.44
34	22	7,952	7,554	0.95	2.16	7,668	7,285	0.95	2.33	7,242	6,880	0.95	2.48

Note: CA : Capacity (W)
P.C. : Total power input (kW)

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

D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-M71JAL / PUHZ-FRP71VA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,272	0.75	1.63	6,816	5,112	0.75	1.72	6,603	4,952	0.75	1.83
20	18	7,526	4,741	0.63	1.66	7,313	4,607	0.63	1.75	7,065	4,451	0.63	1.88
20	20	8,094	4,128	0.51	1.71	7,917	4,037	0.51	1.80	7,704	3,929	0.51	1.92
22	16	7,029	5,834	0.83	1.63	6,816	5,657	0.83	1.72	6,603	5,480	0.83	1.83
22	18	7,526	5,343	0.71	1.66	7,313	5,192	0.71	1.75	7,065	5,016	0.71	1.88
22	20	8,094	4,775	0.59	1.71	7,917	4,671	0.59	1.80	7,704	4,545	0.59	1.92
24	16	7,029	6,396	0.91	1.63	6,816	6,203	0.91	1.72	6,603	6,009	0.91	1.83
24	18	7,526	5,946	0.79	1.66	7,313	5,777	0.79	1.75	7,065	5,581	0.79	1.88
24	20	8,094	5,423	0.67	1.71	7,917	5,304	0.67	1.80	7,704	5,161	0.67	1.92
24	22	8,627	4,745	0.55	1.75	8,449	4,647	0.55	1.86	8,236	4,530	0.55	1.98
26	16	7,029	6,959	0.99	1.63	6,816	6,748	0.99	1.72	6,603	6,537	0.99	1.83
26	18	7,526	6,548	0.87	1.66	7,313	6,362	0.87	1.75	7,065	6,146	0.87	1.88
26	20	8,094	6,071	0.75	1.71	7,917	5,937	0.75	1.80	7,704	5,778	0.75	1.92
26	22	8,627	5,435	0.63	1.75	8,449	5,323	0.63	1.86	8,236	5,189	0.63	1.98
27	16	7,029	7,029	1.00	1.63	6,816	6,816	1.00	1.72	6,603	6,603	1.00	1.83
27	18	7,526	6,849	0.91	1.66	7,313	6,655	0.91	1.75	7,065	6,429	0.91	1.88
27	20	8,094	6,394	0.79	1.71	7,917	6,254	0.79	1.80	7,704	6,086	0.79	1.92
27	22	8,627	5,780	0.67	1.75	8,449	5,661	0.67	1.86	8,236	5,518	0.67	1.98
28	16	7,029	7,029	1.00	1.63	6,816	6,816	1.00	1.72	6,603	6,603	1.00	1.83
28	18	7,526	7,150	0.95	1.66	7,313	6,947	0.95	1.75	7,065	6,711	0.95	1.88
28	20	8,094	6,718	0.83	1.71	7,917	6,571	0.83	1.80	7,704	6,394	0.83	1.92
28	22	8,627	6,125	0.71	1.75	8,449	5,999	0.71	1.86	8,236	5,848	0.71	1.98
30	16	7,029	7,029	1.00	1.63	6,816	6,816	1.00	1.72	6,603	6,603	1.00	1.83
30	18	7,526	7,526	1.00	1.66	7,313	7,313	1.00	1.75	7,065	7,065	1.00	1.88
30	20	8,094	7,366	0.91	1.71	7,917	7,204	0.91	1.80	7,704	7,010	0.91	1.92
30	22	8,627	6,815	0.79	1.75	8,449	6,675	0.79	1.86	8,236	6,506	0.79	1.98
32	16	7,029	7,029	1.00	1.63	6,816	6,816	1.00	1.72	6,603	6,603	1.00	1.83
32	18	7,526	7,526	1.00	1.66	7,313	7,313	1.00	1.75	7,065	7,065	1.00	1.88
32	20	8,094	8,013	0.99	1.71	7,917	7,837	0.99	1.80	7,704	7,626	0.99	1.92
32	22	8,627	7,505	0.87	1.75	8,449	7,351	0.87	1.86	8,236	7,165	0.87	1.98
34	16	7,029	7,029	1.00	1.63	6,816	6,816	1.00	1.72	6,603	6,603	1.00	1.83
34	18	7,526	7,526	1.00	1.66	7,313	7,313	1.00	1.75	7,065	7,065	1.00	1.88
34	20	8,094	8,094	1.00	1.71	7,917	7,917	1.00	1.80	7,704	7,704	1.00	1.92
34	22	8,627	8,195	0.95	1.75	8,449	8,027	0.95	1.86	8,236	7,824	0.95	1.98

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,739	0.75	1.96	6,035	4,526	0.75	2.10	5,751	4,313	0.75	2.27
20	18	6,816	4,294	0.63	2.01	6,603	4,160	0.63	2.16	6,177	3,892	0.63	2.33
20	20	7,384	3,766	0.51	2.06	7,100	3,621	0.51	2.20	6,674	3,404	0.51	2.37
22	16	6,319	5,245	0.83	1.96	6,035	5,009	0.83	2.10	5,751	4,773	0.83	2.27
22	18	6,816	4,839	0.71	2.01	6,603	4,688	0.71	2.16	6,177	4,386	0.71	2.33
22	20	7,384	4,357	0.59	2.06	7,100	4,189	0.59	2.20	6,674	3,938	0.59	2.37
24	16	6,319	5,750	0.91	1.96	6,035	5,492	0.91	2.10	5,751	5,233	0.91	2.27
24	18	6,816	5,385	0.79	2.01	6,603	5,216	0.79	2.16	6,177	4,880	0.79	2.33
24	20	7,384	4,947	0.67	2.06	7,100	4,757	0.67	2.20	6,674	4,472	0.67	2.37
24	22	7,952	4,374	0.55	2.10	7,668	4,217	0.55	2.26	7,242	3,983	0.55	2.41
26	16	6,319	6,256	0.99	1.96	6,035	5,975	0.99	2.10	5,751	5,693	0.99	2.27
26	18	6,816	5,930	0.87	2.01	6,603	5,745	0.87	2.16	6,177	5,374	0.87	2.33
26	20	7,384	5,538	0.75	2.06	7,100	5,325	0.75	2.20	6,674	5,006	0.75	2.37
26	22	7,952	5,010	0.63	2.10	7,668	4,831	0.63	2.26	7,242	4,562	0.63	2.41
27	16	6,319	6,319	1.00	1.96	6,035	6,035	1.00	2.10	5,751	5,751	1.00	2.27
27	18	6,816	6,203	0.91	2.01	6,603	6,009	0.91	2.16	6,177	5,621	0.91	2.33
27	20	7,384	5,833	0.79	2.06	7,100	5,609	0.79	2.20	6,674	5,272	0.79	2.37
27	22	7,952	5,328	0.67	2.10	7,668	5,138	0.67	2.26	7,242	4,852	0.67	2.41
28	16	6,319	6,319	1.00	1.96	6,035	6,035	1.00	2.10	5,751	5,751	1.00	2.27
28	18	6,816	6,475	0.95	2.01	6,603	6,273	0.95	2.16	6,177	5,868	0.95	2.33
28	20	7,384	6,129	0.83	2.06	7,100	5,893	0.83	2.20	6,674	5,539	0.83	2.37
28	22	7,952	5,646	0.71	2.10	7,668	5,444	0.71	2.26	7,242	5,142	0.71	2.41
30	16	6,319	6,319	1.00	1.96	6,035	6,035	1.00	2.10	5,751	5,751	1.00	2.27
30	18	6,816	6,816	1.00	2.01	6,603	6,603	1.00	2.16	6,177	6,177	1.00	2.33
30	20	7,384	6,719	0.91	2.06	7,100	6,461	0.91	2.20	6,674	6,073	0.91	2.37
30	22	7,952	6,282	0.79	2.10	7,668	6,058	0.79	2.26	7,242	5,721	0.79	2.41
32	16	6,319	6,319	1.00	1.96	6,035	6,035	1.00	2.10	5,751	5,751	1.00	2.27
32	18	6,816	6,816	1.00	2.01	6,603	6,603	1.00	2.16	6,177	6,177	1.00	2.33
32	20	7,384	7,310	0.99	2.06	7,100	7,029	0.99	2.20	6,674	6,607	0.99	2.37
32	22	7,952	6,918	0.87	2.10	7,668	6,671	0.87	2.26	7,242	6,301	0.87	2.41
34	16	6,319	6,319	1.00	1.96	6,035	6,035	1.00	2.10	5,751	5,751	1.00	2.27
34	18	6,816	6,816	1.00	2.01	6,603	6,603	1.00	2.16	6,177	6,177	1.00	2.33
34	20	7,384	7,384	1.00	2.06	7,100	7,100	1.00	2.20	6,674	6,674	1.00	2.37
34	22	7,952	7,554	0.95	2.10	7,668	7,285	0.95	2.26	7,242	6,880	0.95	2.41

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

CEILING-CONCEALED PERFORMANCE DATA

HEATING CAPACITY
PEAD-M•JA(L) / PUHZ-SHW•HA(-BS)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M100JA(L)	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)	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

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-M•JA(L) / 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	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M35JA(L)	15	2,604	0.56	2,829	0.62	3,157	0.71	4,141	0.86	4,674	0.95	5,207	1.03
	20	2,501	0.61	2,706	0.67	2,993	0.77	3,998	0.92	4,510	1.03	5,023	1.10
	25	2,419	0.65	2,624	0.72	2,870	0.84	3,772	0.98	4,346	1.10	4,838	1.18
PEAD-M50JA(L)	15	3,810	0.89	4,140	0.98	4,620	1.13	6,060	1.35	6,840	1.50	7,620	1.62
	20	3,660	0.96	3,960	1.05	4,380	1.22	5,850	1.46	6,600	1.62	7,350	1.74
	25	3,540	1.02	3,840	1.14	4,200	1.32	5,520	1.55	6,360	1.73	7,080	1.87
PEAD-M60JA(L)	15	4,445	1.06	4,830	1.16	5,390	1.34	7,070	1.61	7,980	1.79	8,890	1.93
	20	4,270	1.15	4,620	1.25	5,110	1.45	6,825	1.74	7,700	1.93	8,575	2.08
	25	4,130	1.22	4,480	1.36	4,900	1.58	6,440	1.84	7,420	2.07	8,260	2.23
PEAD-M71JA(L)	15	5,080	1.20	5,520	1.32	6,160	1.52	8,080	1.83	9,120	2.03	10,160	2.19
	20	4,880	1.30	5,280	1.42	5,840	1.64	7,800	1.97	8,800	2.19	9,800	2.35
	25	4,720	1.38	5,120	1.54	5,600	1.79	7,360	2.09	8,480	2.34	9,440	2.53
PEAD-M100JA(L)	15	7,112	1.53	7,728	1.69	8,624	1.95	11,312	2.34	12,768	2.60	14,224	2.81
	20	6,832	1.66	7,392	1.82	8,176	2.11	10,920	2.52	12,320	2.81	13,720	3.02
	25	6,608	1.77	7,168	1.98	7,840	2.29	10,304	2.68	11,872	3.00	13,216	3.24
PEAD-M125JA(L)	15	8,890	2.07	9,660	2.28	10,780	2.63	14,140	3.16	15,960	3.51	17,780	3.79
	20	8,540	2.25	9,240	2.46	10,220	2.84	13,650	3.40	15,400	3.79	17,150	4.07
	25	8,260	2.39	8,960	2.67	9,800	3.09	12,880	3.62	14,840	4.05	16,520	4.37
PEAD-M140JA(L)	15	10,160	2.40	11,040	2.65	12,320	3.05	16,160	3.66	18,240	4.07	20,320	4.40
	20	9,760	2.60	10,560	2.85	11,680	3.30	15,600	3.95	17,600	4.40	19,600	4.72
	25	9,440	2.77	10,240	3.09	11,200	3.58	14,720	4.19	16,960	4.70	18,880	5.07

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-M•JA(L) / SUZ-KA•VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M35JA(L)	15	2,050	0.58	2,583	0.722	3,116	0.866	3,649	0.977	4,182	1.055	4,715	1.121	5,207	1.154	5,740	1.177
	20	1,927	0.61	2,460	0.777	2,952	0.921	3,485	1.021	3,977	1.099	4,510	1.154	5,002	1.188	5,515	1.232
	25	1,681	0.67	2,214	0.833	2,747	0.977	3,239	1.077	3,772	1.154	4,305	1.210	4,797	1.243	5,330	1.277
PEAD-M50JA(L)	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
	20	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
	25	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)	15	3,500	0.983	4,410	1.229	5,320	1.474	6,230	1.663	7,140	1.796	8,050	1.909	8,890	1.966	9,800	2.003
	20	3,290	1.047	4,200	1.323	5,040	1.569	5,950	1.739	6,790	1.871	7,700	1.966	8,540	2.022	9,415	2.098
	25	2,870	1.134	3,780	1.418	4,690	1.663	5,530	1.833	6,440	1.966	7,350	2.060	8,190	2.117	9,100	2.174
PEAD-M71JA(L)	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
	20	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
	25	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 (W) P.C. : Total power input (kW)

PEAD-M•JA(L) / PUHZ-P•VKA PUHZ-P•YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M100JA(L)	15	7,112	1.73	7,728	1.90	8,624	2.20	11,312	2.64	12,768	2.93	14,224	3.16
	20	6,832	1.88	7,392	2.05	8,176	2.37	10,920	2.84	12,320	3.16	13,720	3.40
	25	6,608	1.99	7,168	2.23	7,840	2.58	10,304	3.02	11,872	3.38	13,216	3.65
PEAD-M125JA(L)	15	8,573	2.20	9,315	2.42	10,395	2.80	13,635	3.36	15,390	3.73	17,145	4.03
	20	8,235	2.39	8,910	2.61	9,855	3.02	13,163	3.62	14,850	4.03	16,538	4.33
	25	7,965	2.54	8,640	2.83	9,450	3.28	12,420	3.84	14,310	4.31	15,930	4.64
PEAD-M140JA(L)	15	9,525	2.52	10,350	2.78	11,550	3.20	15,150	3.84	17,100	4.27	19,050	4.61
	20	9,150	2.73	9,900	2.99	10,950	3.46	14,625	4.14	16,500	4.61	18,375	4.95
	25	8,850	2.90	9,600	3.25	10,500	3.76	13,800	4.40	15,900	4.93	17,700	5.32

Note: CA : Capacity (W) P.C. : Total power input (kW)

CEILING-CONCEALED PERFORMANCE DATA

**HEATING CAPACITY
PEA-RP•WKA / PUHZ-ZRP•YKA3**

	Indoor intake air DB°C	-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEA-RP200WKA	15	14,224	3.88	15,456	4.28	17,248	4.94	22,624	5.92	25,536	6.58	28,448	7.11
	20	13,664	4.21	14,784	4.61	16,352	5.33	21,840	6.38	24,640	7.11	27,440	7.63
	25	13,216	4.47	14,336	5.00	15,680	5.79	20,608	6.78	23,744	7.60	26,432	8.19
PEA-RP250WKA	15	17,145	4.97	18,630	5.48	20,790	6.32	27,270	7.59	30,780	8.43	34,290	9.10
	20	16,470	5.40	17,820	5.90	19,710	6.83	26,325	8.18	29,700	9.10	33,075	9.78
	25	15,930	5.73	17,280	6.41	18,900	7.42	24,840	8.68	28,620	9.74	31,860	10.50

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEA-RP•WKA / PUHZ-P•YKA3

	Indoor intake air DB°C	-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEA-RP200WKA	15	14,224	4.00	15,456	4.41	17,248	5.09	22,624	6.10	25,536	6.78	28,448	7.32
	20	13,664	4.34	14,784	4.75	16,352	5.49	21,840	6.58	24,640	7.32	27,440	7.86
	25	13,216	4.61	14,336	5.15	15,680	5.97	20,608	6.98	23,744	7.83	26,432	8.44
PEA-RP250WKA	15	17,145	5.13	18,630	5.66	20,790	6.53	27,270	7.83	30,780	8.70	34,290	9.40
	20	16,470	5.57	17,820	6.09	19,710	7.05	26,325	8.44	29,700	9.40	33,075	10.09
	25	15,930	5.92	17,280	6.61	18,900	7.66	24,840	8.96	28,620	10.05	31,860	10.83

Note: CA : Capacity (W) P.C. : Total power input (kW)

CEILING-CONCEALED PERFORMANCE DATA

HEATING CAPACITY

PEAD-SM•JA(L) / SUZ-SA•VA3(2)

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-SM71JA(L)	15	4,000	1.149	5,040	1.437	6,080	1.724	7,120	1.945	8,160	2.100	9,200	2.232	10,160	2.298	11,200	2.343
	20	3,760	1.224	4,800	1.547	5,760	1.834	6,800	2.033	7,760	2.188	8,800	2.298	9,760	2.365	10,760	2.453
	25	3,280	1.326	4,320	1.658	5,360	1.945	6,320	2.144	7,360	2.298	8,400	2.409	9,360	2.475	10,400	2.542
PEAD-SM100JA(L)	15	5,600	1.612	7,056	2.015	8,512	2.418	9,968	2.728	11,424	2.945	12,880	3.131	14,224	3.224	15,680	3.286
	20	5,264	1.717	6,720	2.170	8,064	2.573	9,520	2.852	10,864	3.069	12,320	3.224	13,664	3.317	15,064	3.441
	25	4,592	1.860	6,048	2.325	7,504	2.728	8,848	3.007	10,304	3.224	11,760	3.379	13,104	3.472	14,560	3.565

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-SM•JA(L) / PUHZ-SP•VKA PUHZ-SP•YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-SM100JA(L)	15	7,112	1.78	7,728	1.96	8,624	2.27	11,312	2.72	12,768	3.02	14,224	3.26
	20	6,832	1.93	7,392	2.11	8,176	2.45	10,920	2.93	12,320	3.26	13,720	3.50
	25	6,608	2.05	7,168	2.30	7,840	2.66	10,304	3.11	11,872	3.49	13,216	3.76
PEAD-SM125JA(L)	15	8,573	2.27	9,315	2.50	10,395	2.88	13,635	3.46	15,390	3.84	17,145	4.15
	20	8,235	2.46	8,910	2.69	9,855	3.11	13,163	3.72	14,850	4.15	16,538	4.45
	25	7,965	2.61	8,640	2.92	9,450	3.38	12,420	3.96	14,310	4.44	15,930	4.78
PEAD-SM140JA(L)	15	9,525	2.59	10,350	2.85	11,550	3.29	15,150	3.95	17,100	4.39	19,050	4.74
	20	9,150	2.81	9,900	3.07	10,950	3.56	14,625	4.26	16,500	4.74	18,375	5.09
	25	8,850	2.99	9,600	3.34	10,500	3.86	13,800	4.52	15,900	5.07	17,700	5.47

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-M•JA(L) / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-M71JA(L)	15	5,080	1.24	5,520	1.37	6,160	1.58	8,080	1.90	9,120	2.11	10,160	2.28
	20	4,880	1.35	5,280	1.48	5,840	1.71	7,800	2.05	8,800	2.28	9,800	2.45
	25	4,720	1.43	5,120	1.60	5,600	1.86	7,360	2.17	8,480	2.44	9,440	2.63

Note: CA : Capacity (W) P.C. : Total power input (kW)

CEILING-CONCEALED

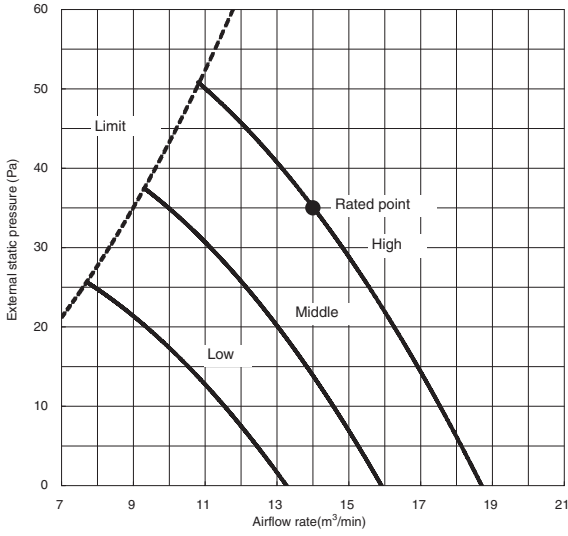
PERFORMANCE DATA

A.6.6 FAN PERFORMANCE

A.6.6.1 PEAD-M-JA(L)

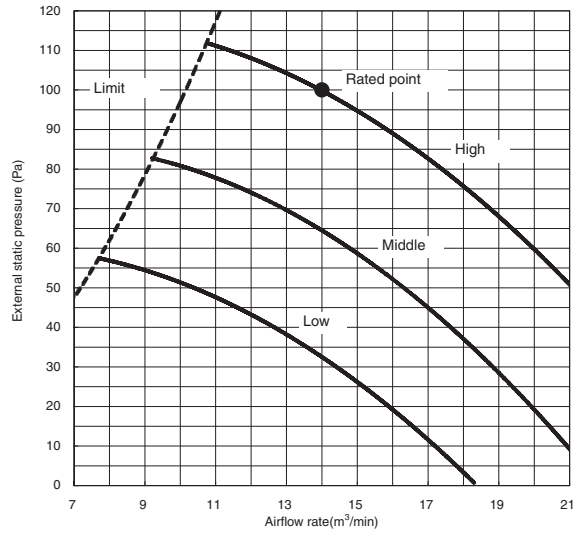
PEAD-M35JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



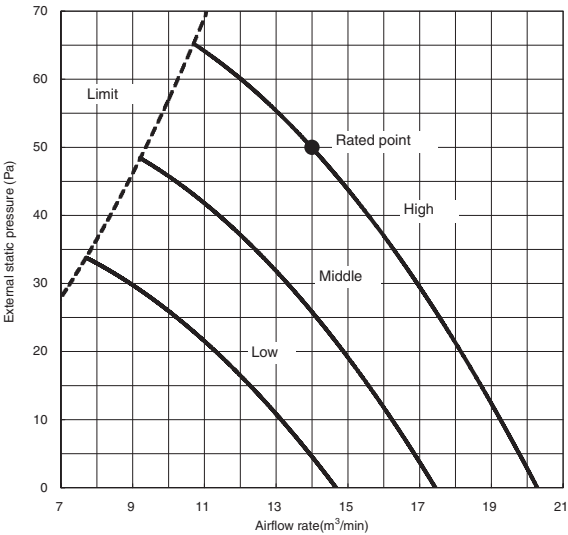
PEAD-M35JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



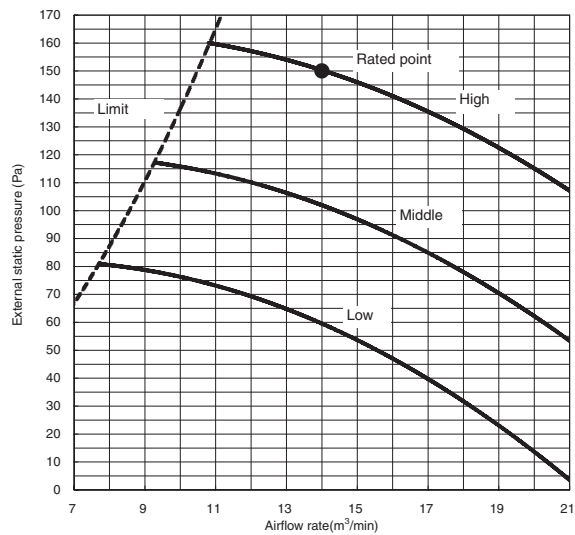
PEAD-M35JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



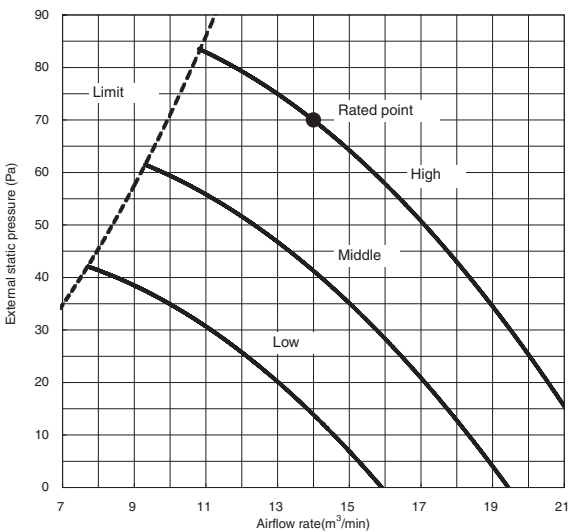
PEAD-M35JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



PEAD-M35JA(L)

(External static pressure 70Pa) 220-240V 50/60Hz

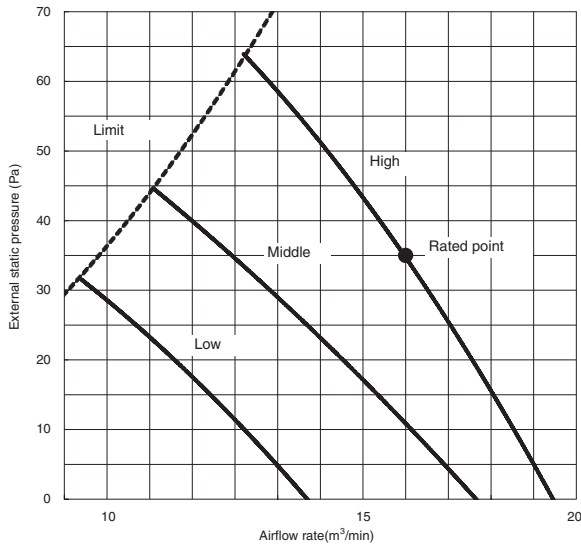


CEILING-CONCEALED

FAN PERFORMANCE

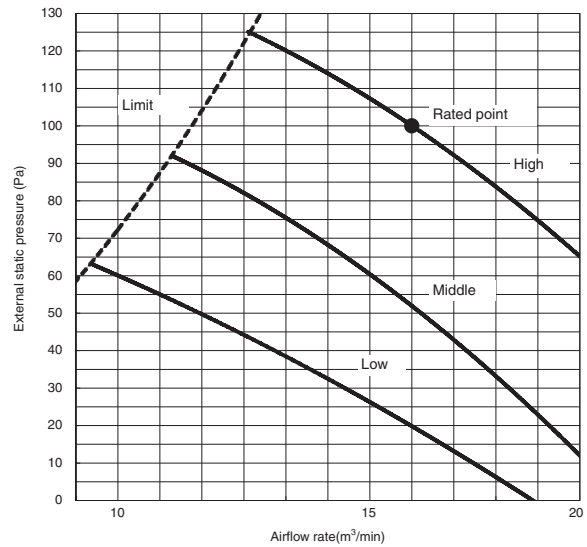
PEAD-M50JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



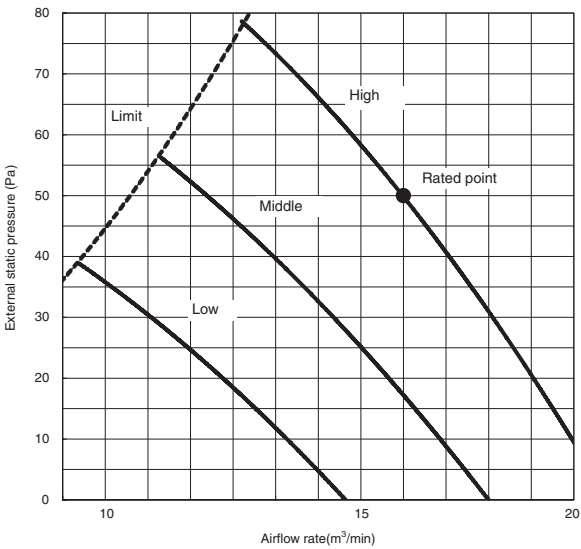
PEAD-M50JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



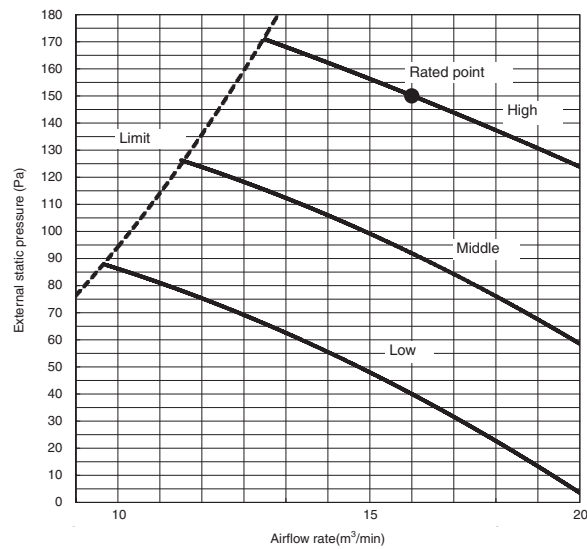
PEAD-M50JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



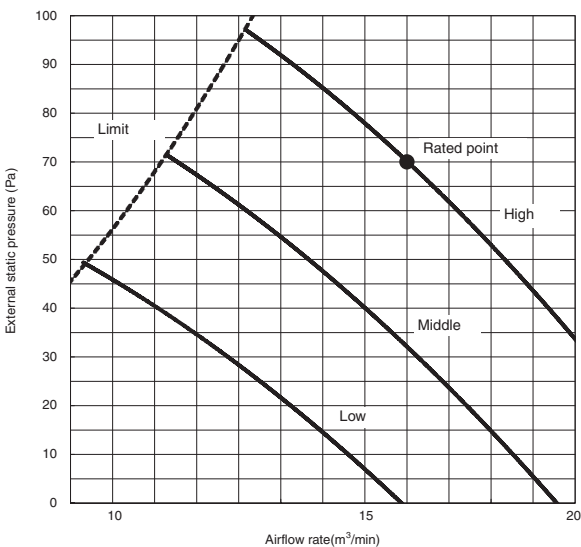
PEAD-M50JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



PEAD-M50JA(L)

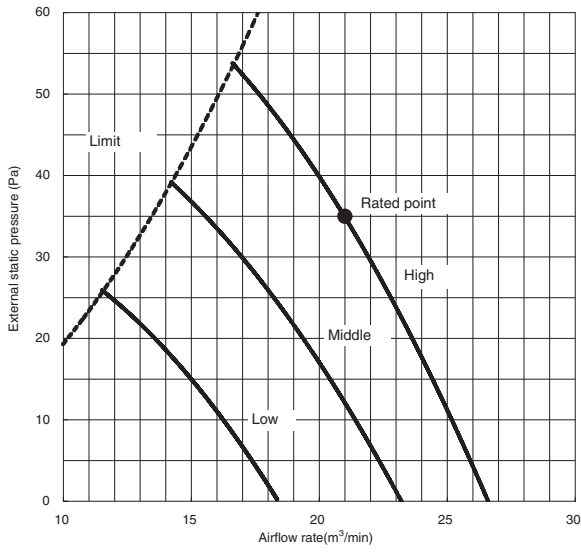
(External static pressure 70Pa) 220-240V 50/60Hz



CEILING-CONCEALED
FAN PERFORMANCE

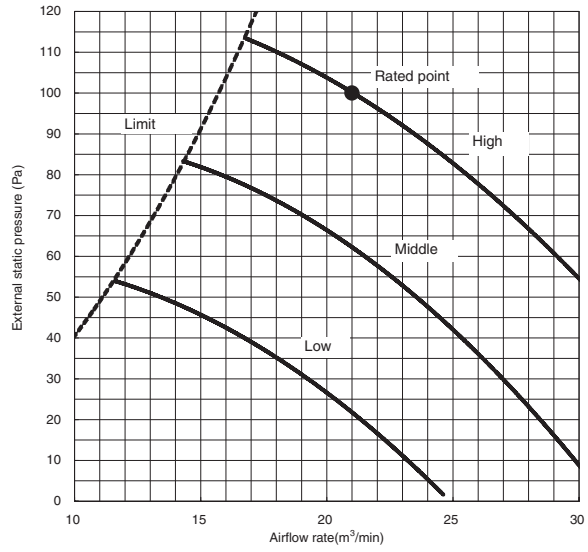
PEAD-M60JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



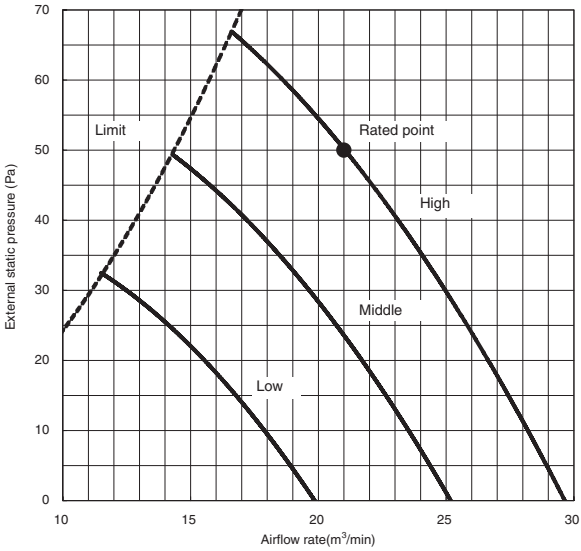
PEAD-M60JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



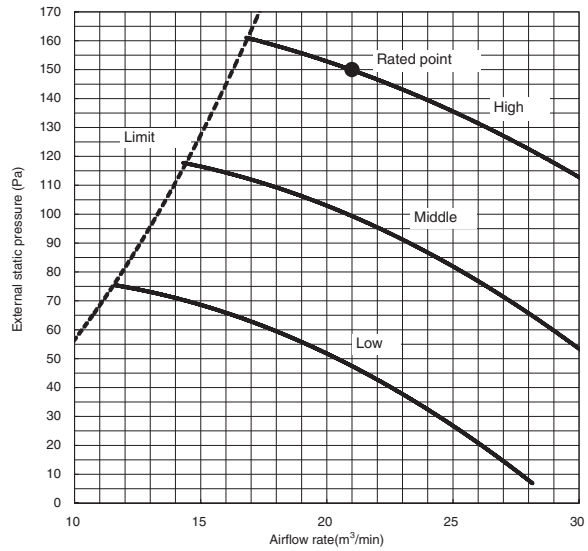
PEAD-M60JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



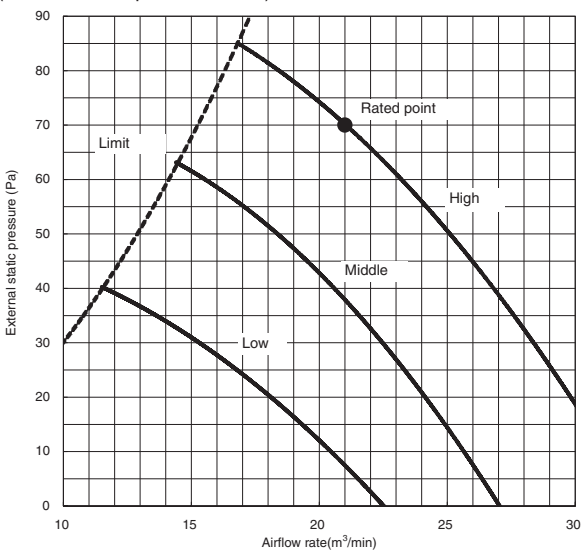
PEAD-M60JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



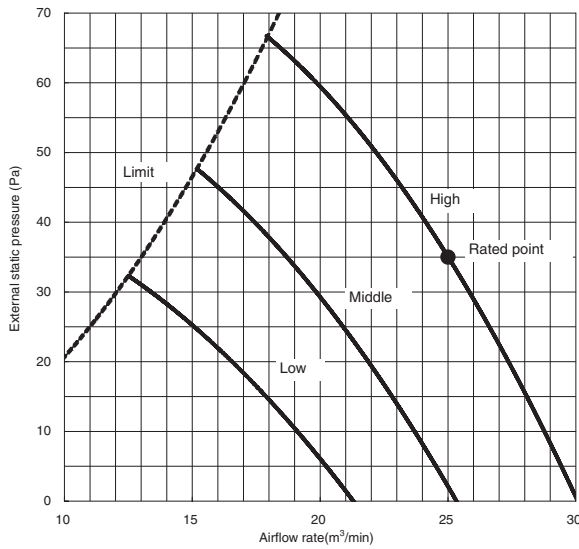
PEAD-M60JA(L)

(External static pressure 70Pa) 220-240V 50/60Hz



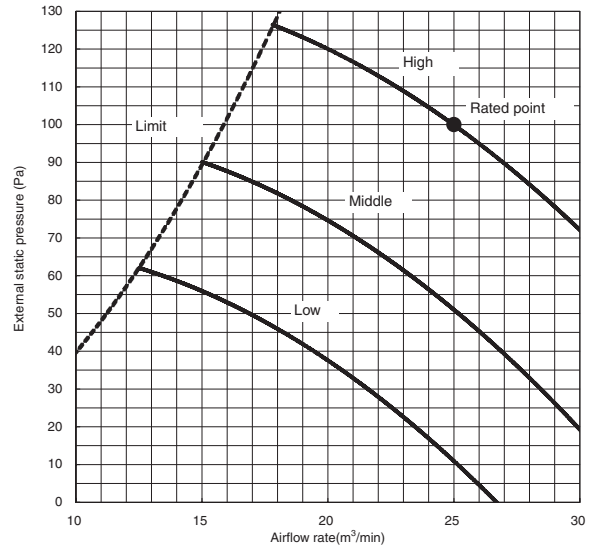
PEAD-M71JA(L)
PEAD-SM71JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



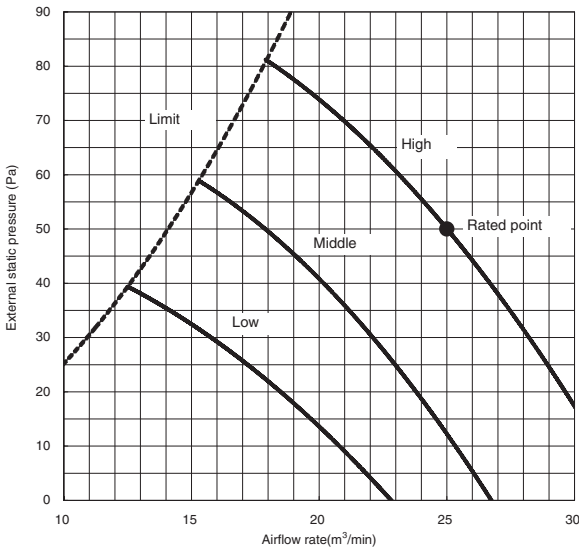
PEAD-M71JA(L)
PEAD-SM71JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



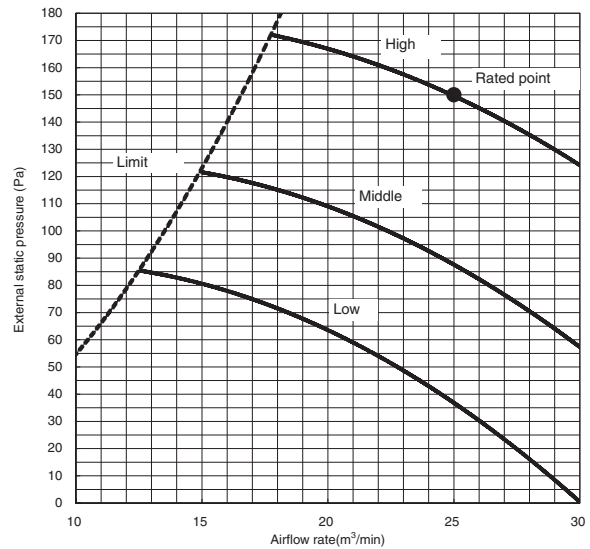
PEAD-M71JA(L)
PEAD-SM71JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



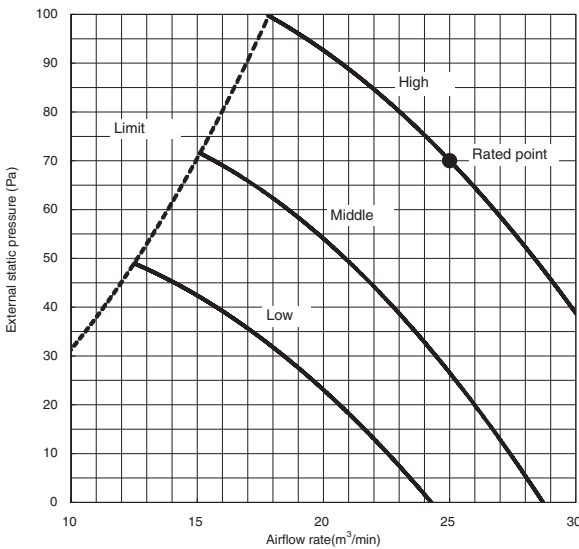
PEAD-RP71JA(L)
PEAD-SM71JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



PEAD-M71JA(L)
PEAD-SM71JA(L)

(External static pressure 70Pa) 220-240V 50/60Hz

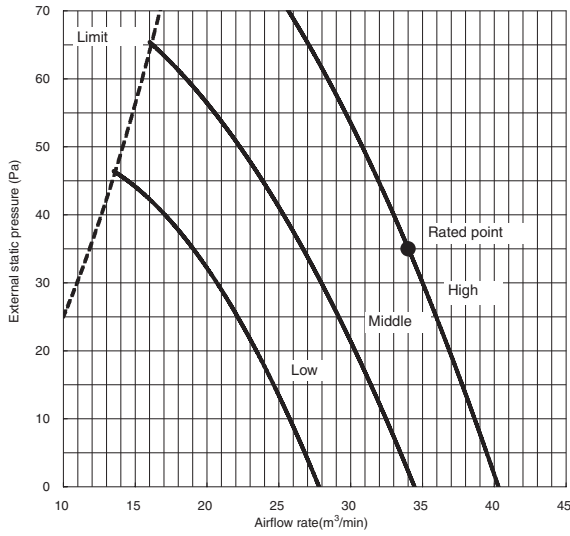


CEILING-
CONCEALED

FAN PERFORMANCE

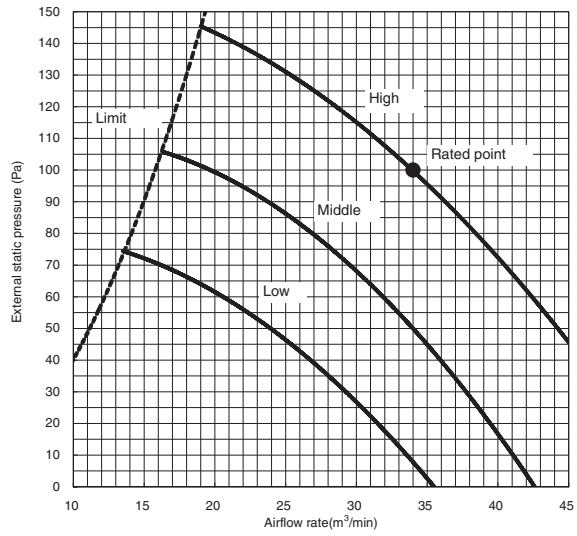
PEAD-M100JA(L)
PEAD-SM100JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



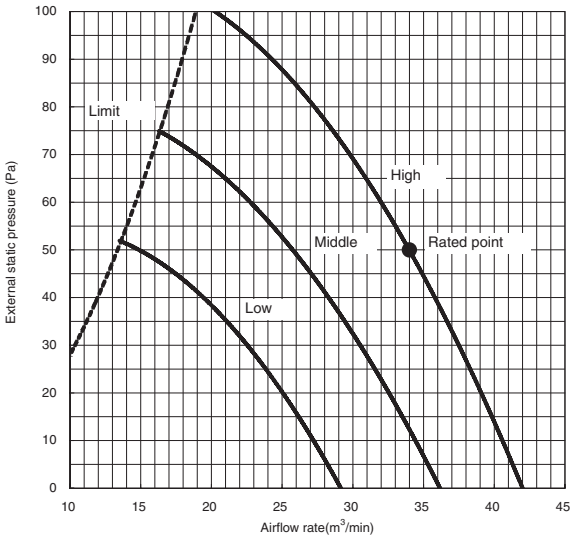
PEAD-M100JA(L)
PEAD-SM100JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



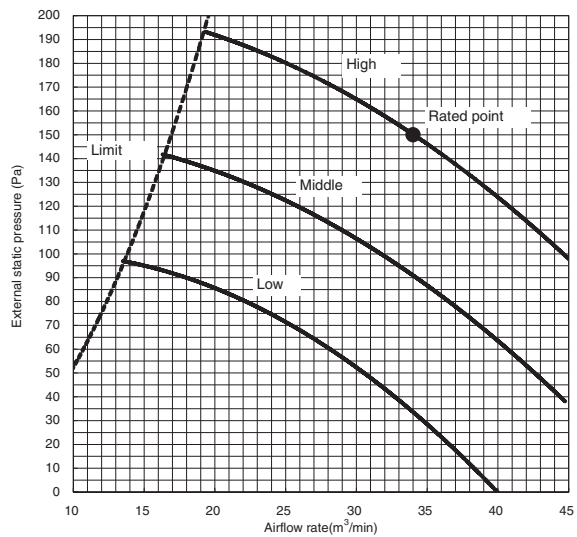
PEAD-M100JA(L)
PEAD-SM100JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



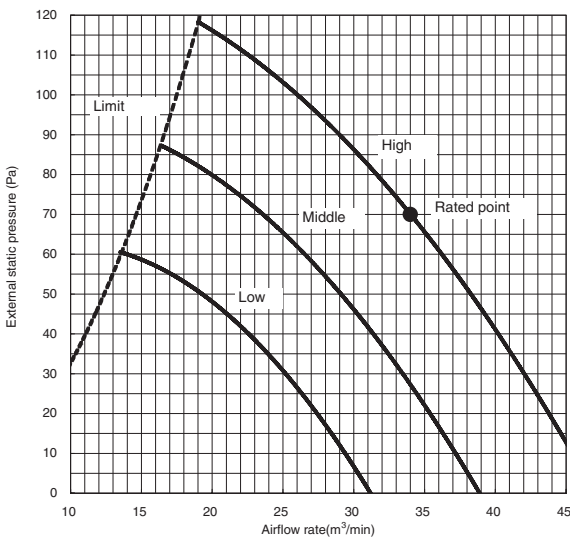
PEAD-M100JA(L)
PEAD-SM100JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



PEAD-M100JA(L)
PEAD-SM100JA(L)

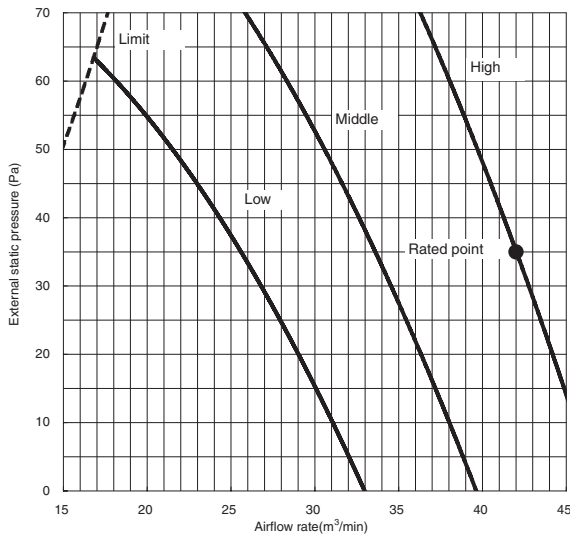
(External static pressure 70Pa) 220-240V 50/60Hz



CEILING-CONCEALED FAN PERFORMANCE

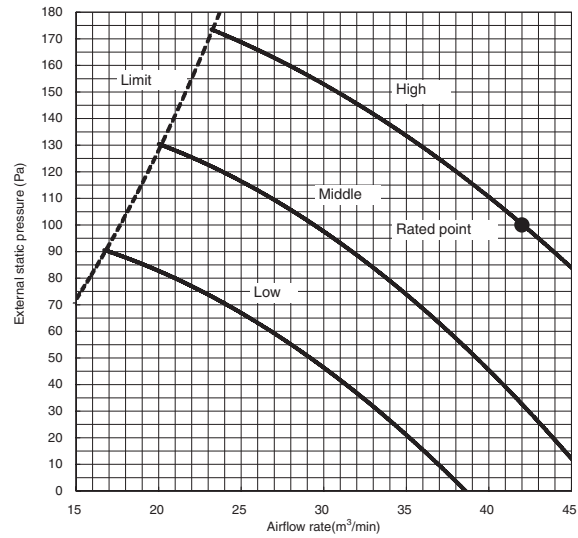
PEAD-M125JA(L)
PEAD-SM125JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



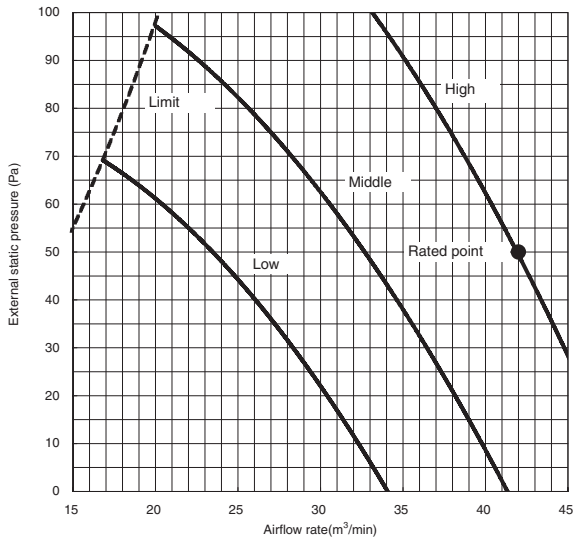
PEAD-M125JA(L)
PEAD-SM125JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



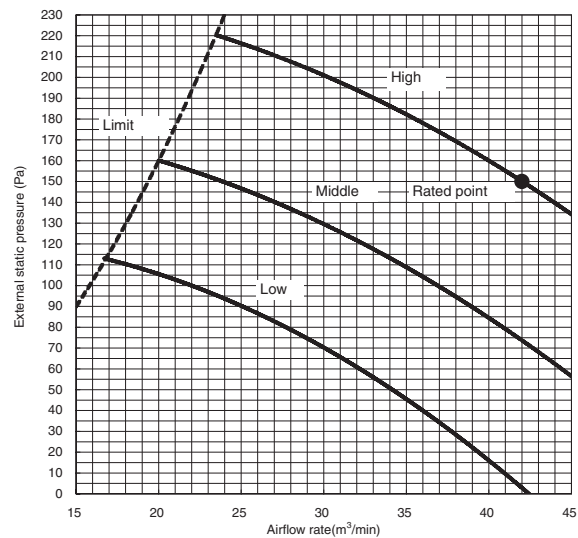
PEAD-M125JA(L)
PEAD-SM125JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



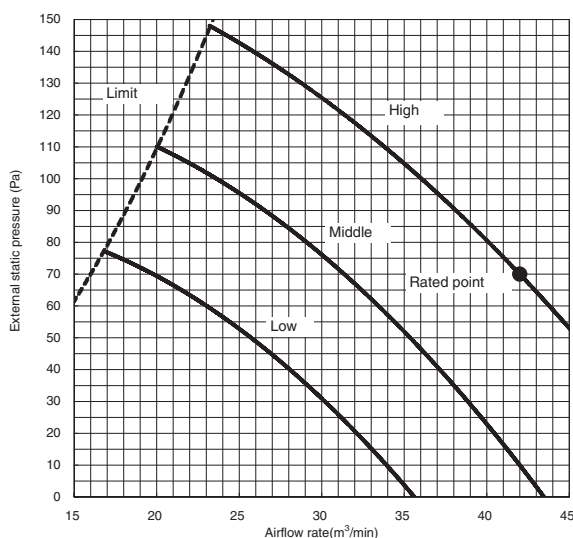
PEAD-M125JA(L)
PEAD-SM125JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



PEAD-M125JA(L)
PEAD-SM125JA(L)

(External static pressure 70Pa) 220-240V 50/60Hz

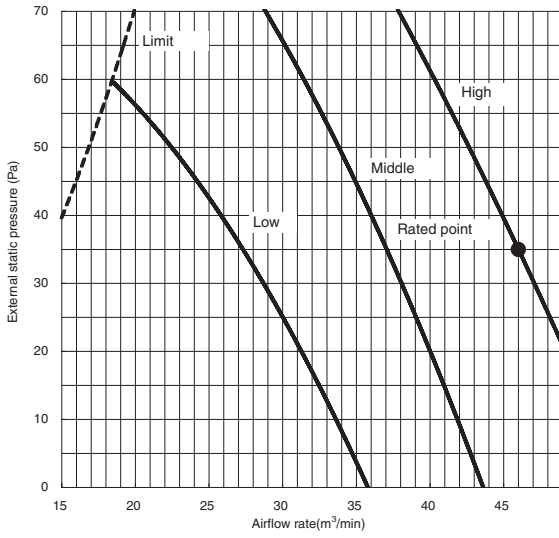


CEILING-
CONCEALED

FAN PERFORMANCE

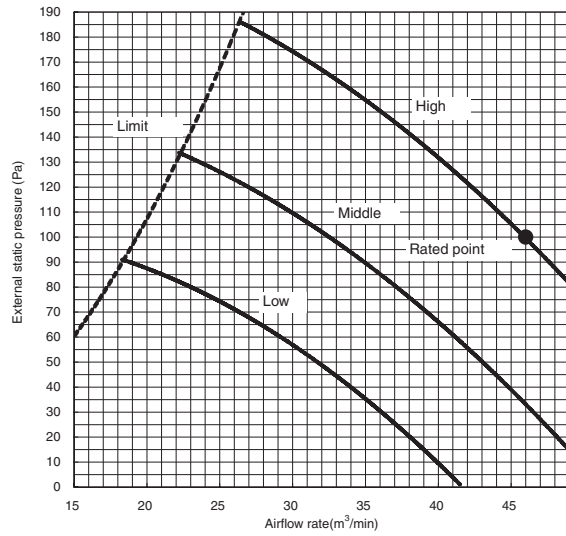
PEAD-M140JA(L)
PEAD-SM140JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



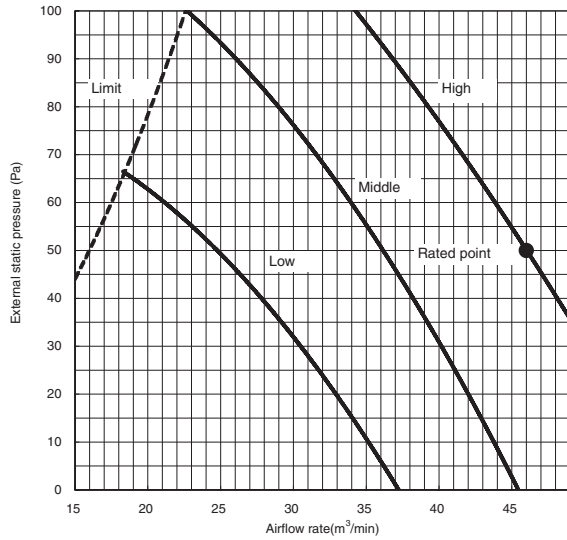
PEAD-M140JA(L)
PEAD-SM140JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



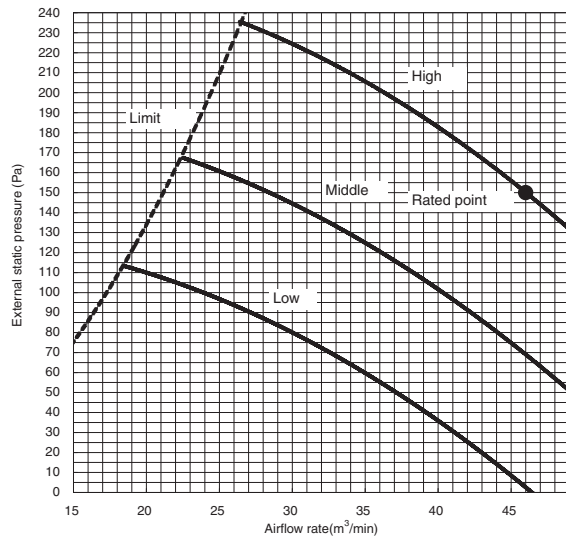
PEAD-M140JA(L)
PEAD-SM140JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



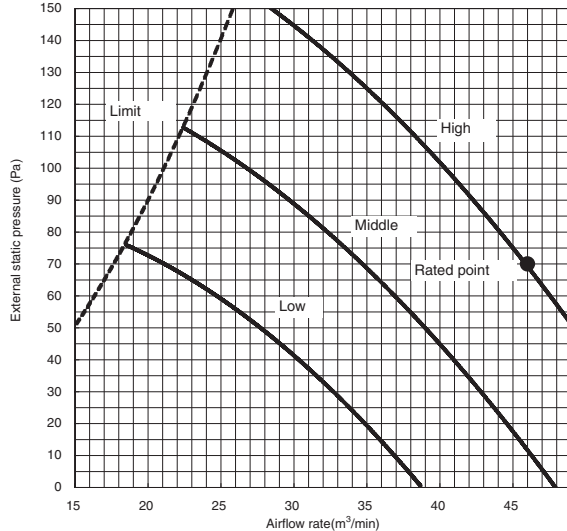
PEAD-M140JA(L)
PEAD-SM140JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz



PEAD-M140JA(L)
PEAD-SM140JA(L)

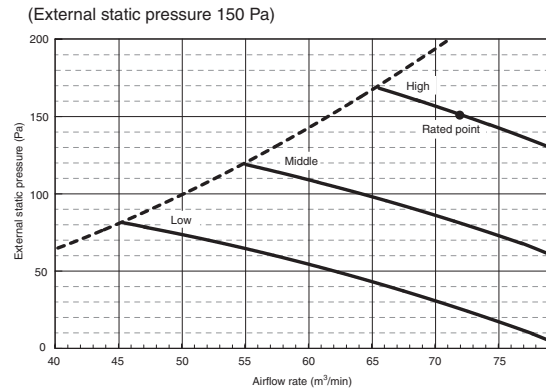
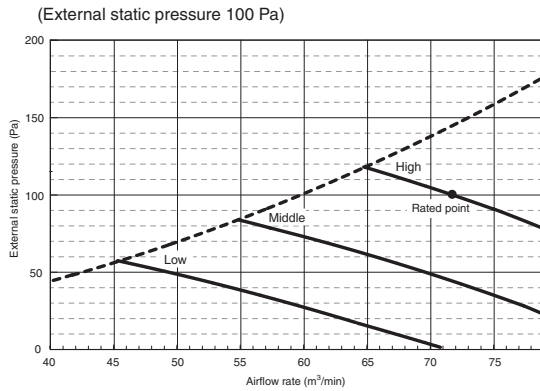
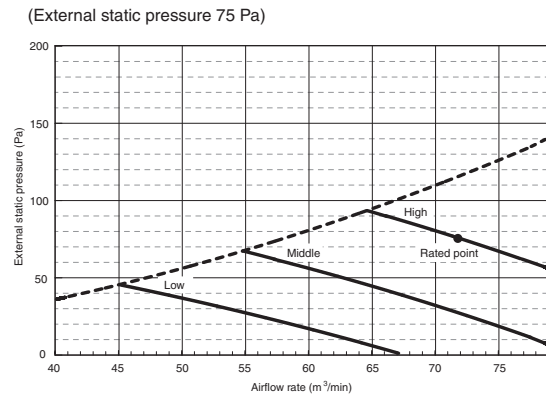
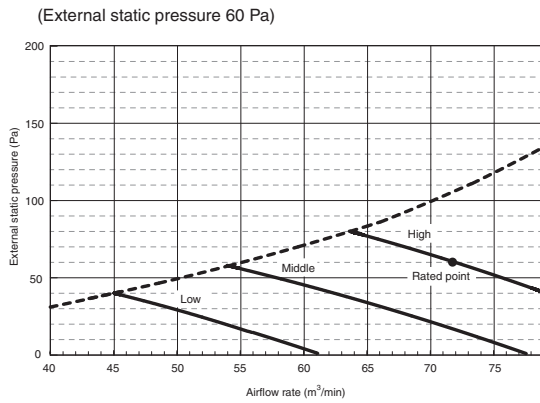
(External static pressure 70Pa) 220-240V 50/60Hz



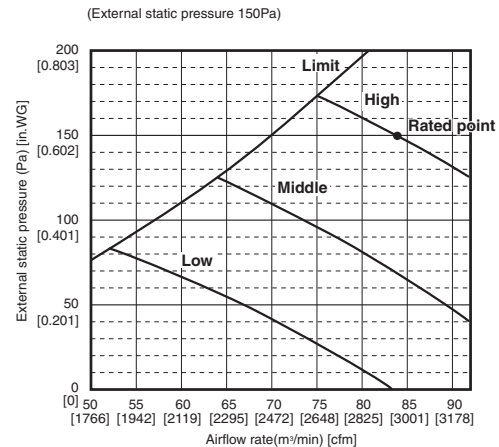
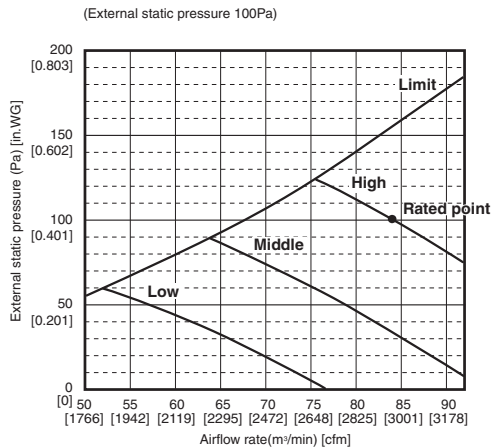
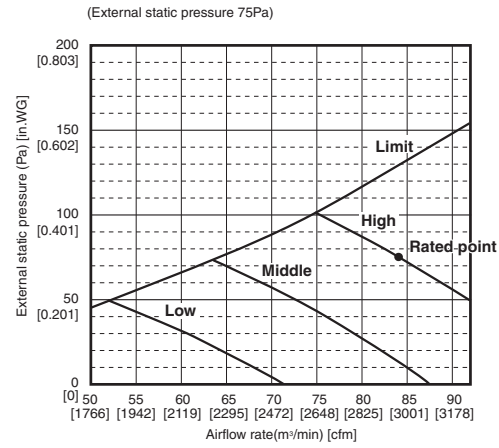
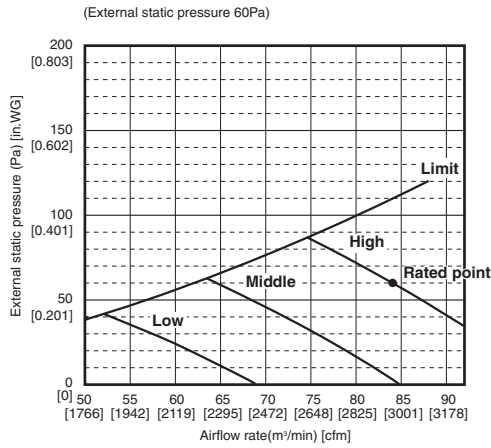
CEILING-CONCEALED FAN PERFORMANCE

A.6.6.2 PEA-RP-WKA

PEA-RP200WKA



PEA-RP250WKA



CEILING-
CONCEALED

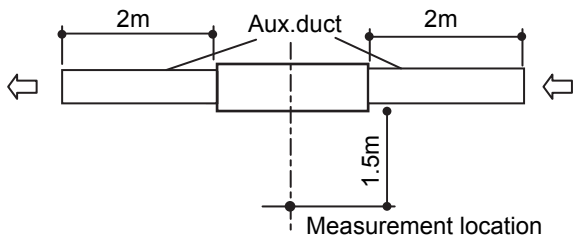
FAN PERFORMANCE

A.6.7 NOISE CRITERIA CURVES

PEAD-M·JA(L)

PEAD-SM·JA(L)

Ceiling concealed



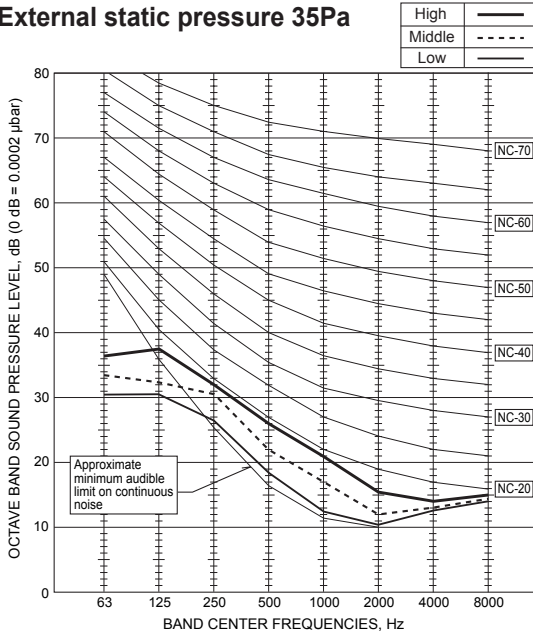
Noise level at anechoic room (Low-Middle-High) Unit:dB(A)

Model	Exernal static pressure				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEAD-M35JA(L)	23-26-29	23-27-30	24-28-31	26-29-33	29-33-37
PEAD-M50JA(L)	25-30-34	26-31-35	28-32-36	29-33-37	31-35-39
PEAD-M60JA(L)	25-28-32	25-29-33	26-30-34	27-31-35	29-34-38
PEAD-M71JA(L) PEAD-SM71JA(L)	25-29-34	26-30-34	27-31-35	28-32-36	30-35-39
PEAD-M100JA(L) PEAD-SM100JA(L)	28-33-38	29-34-38	30-35-39	31-36-40	34-40-43
PEAD-M125JA(L) PEAD-SM125JA(L)	31-36-40	33-36-40	33-37-41	34-39-42	37-41-45
PEAD-M140JA(L) PEAD-SM140JA(L)	33-37-43	34-38-43	34-39-44	36-40-45	38-42-46

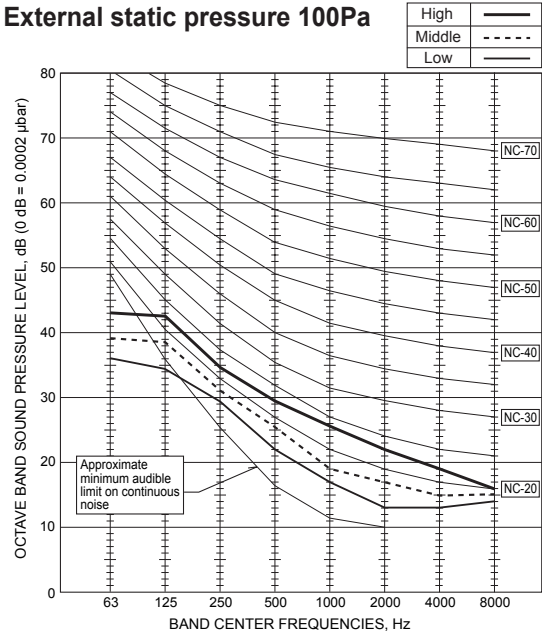
CEILING-CONCEALED NOISE CRITERIA CURVES

PEAD-M35JA(L)

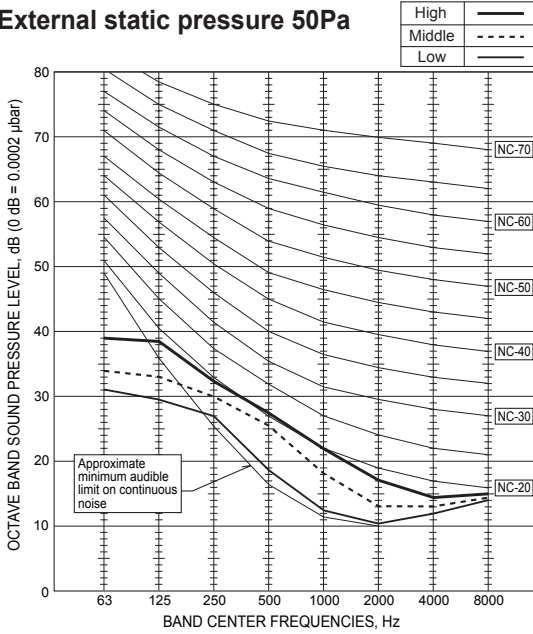
External static pressure 35Pa



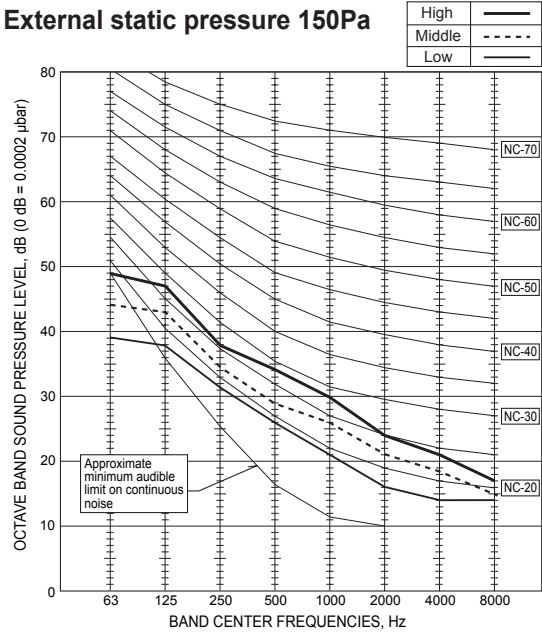
External static pressure 100Pa



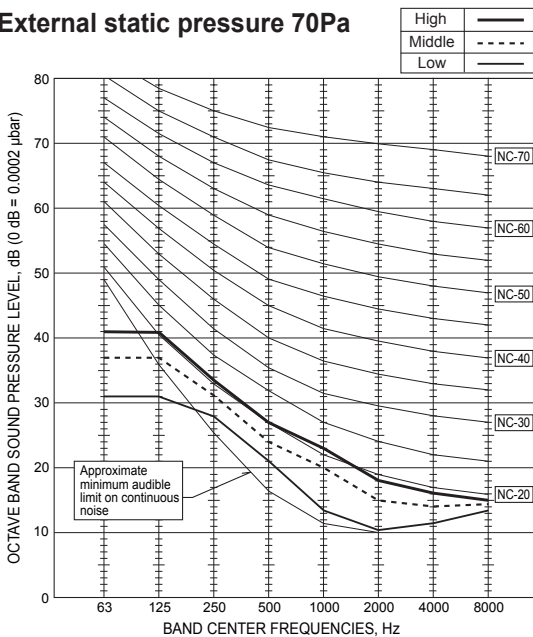
External static pressure 50Pa



External static pressure 150Pa



External static pressure 70Pa

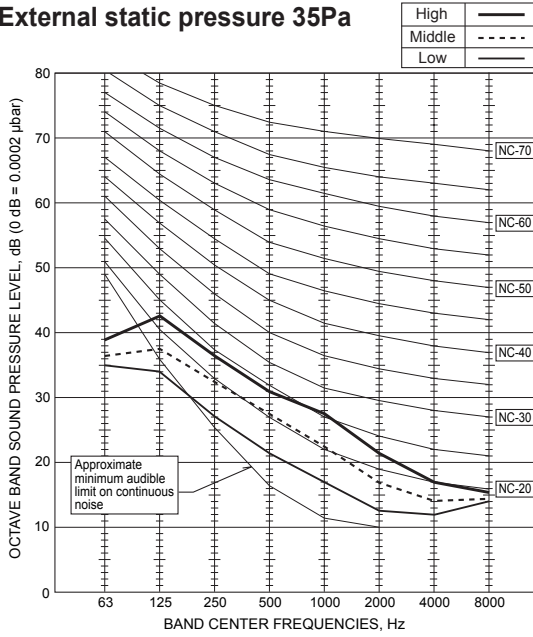


CEILING-
CONCEALED

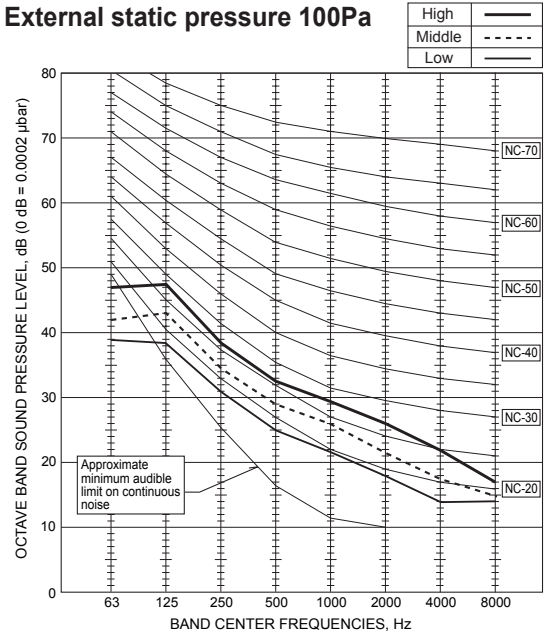
NOISE CRITERIA CURVES

PEAD-M50JA(L)

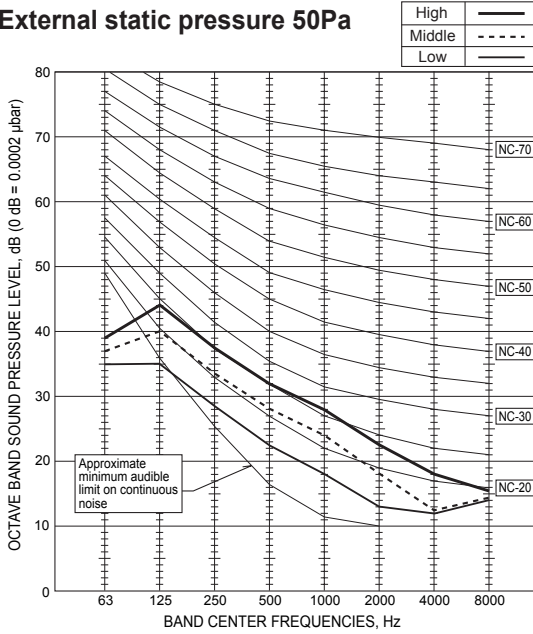
External static pressure 35Pa



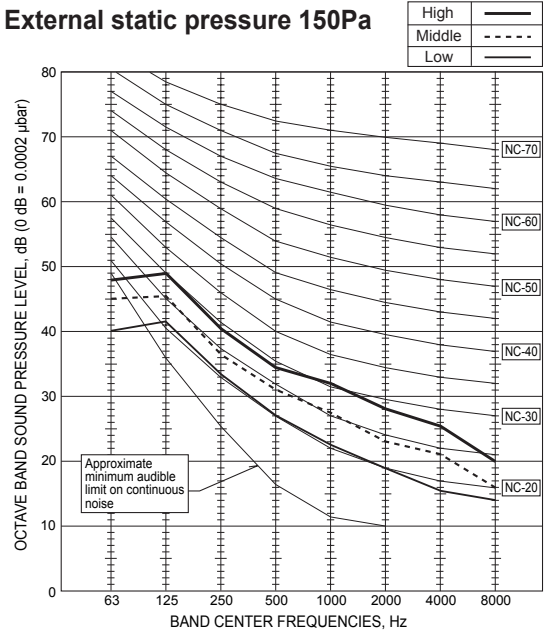
External static pressure 100Pa



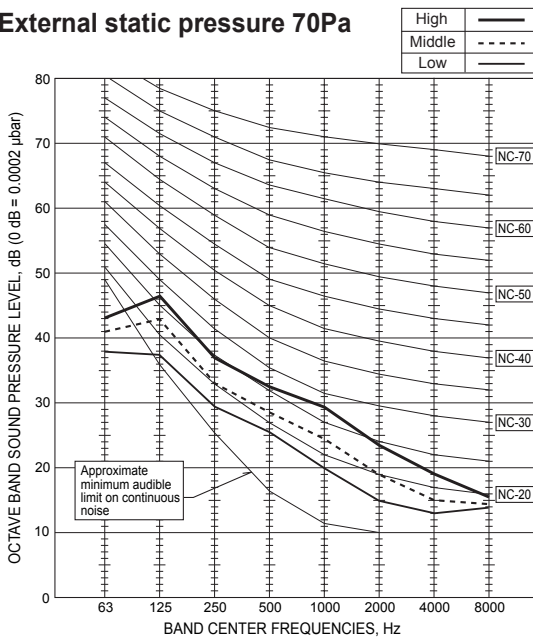
External static pressure 50Pa



External static pressure 150Pa



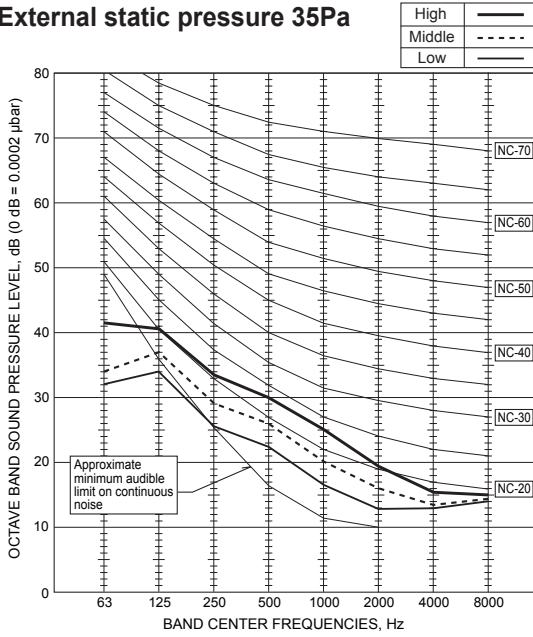
External static pressure 70Pa



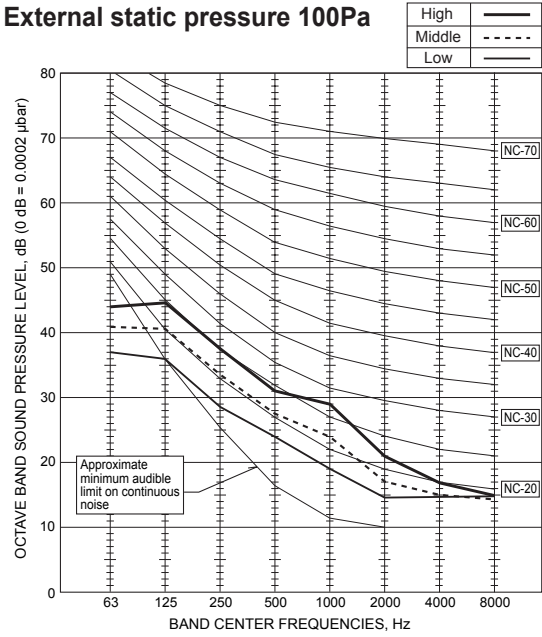
CEILING-CONCEALED NOISE CRITERIA CURVES

PEAD-M60JA(L)

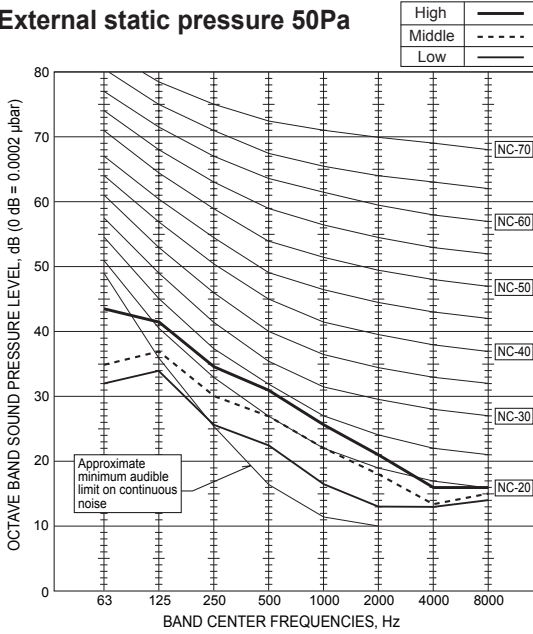
External static pressure 35Pa



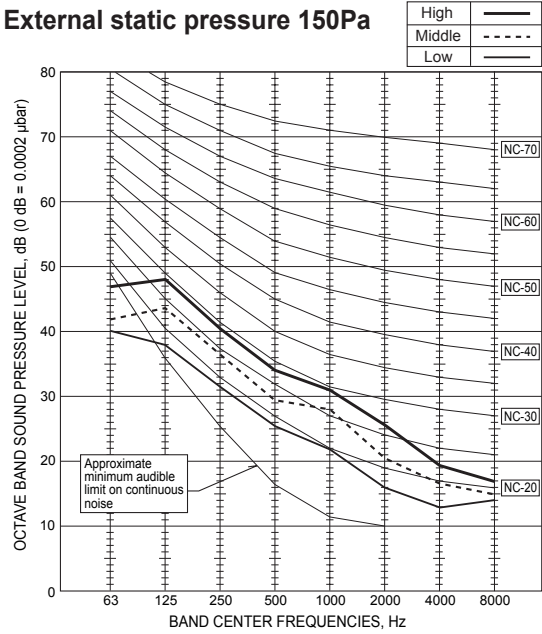
External static pressure 100Pa



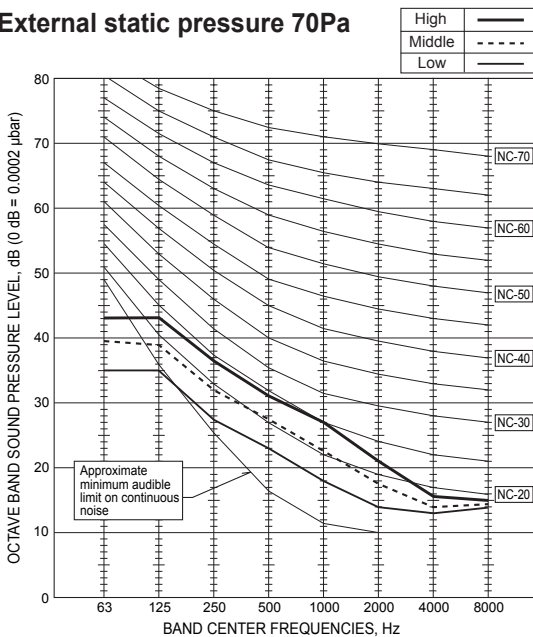
External static pressure 50Pa



External static pressure 150Pa



External static pressure 70Pa



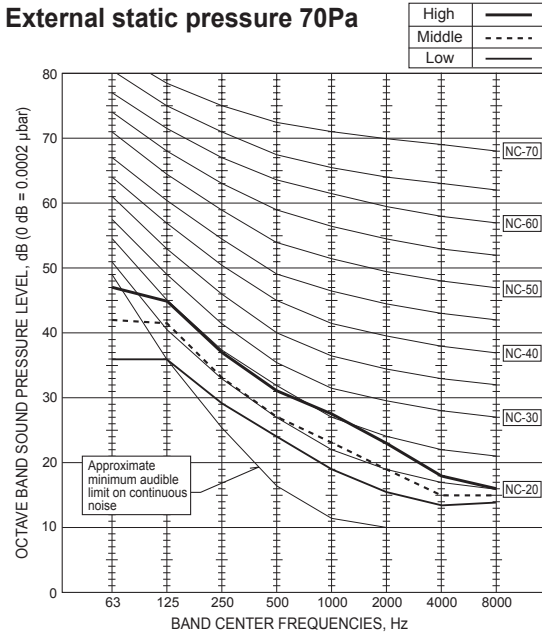
CEILING-
CONCEALED

NOISE CRITERIA CURVES

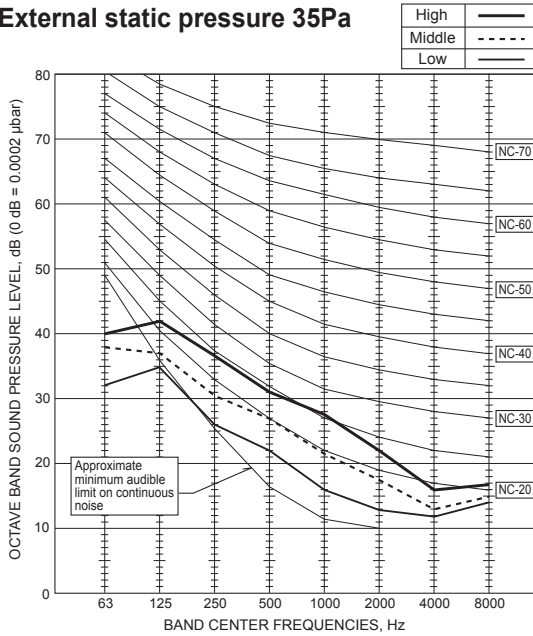
PEAD-M71JA
PEAD-M71JAL
PEAD-SM71JA
PEAD-SM71JAL

CEILING-CONCEALED NOISE CRITERIA CURVES

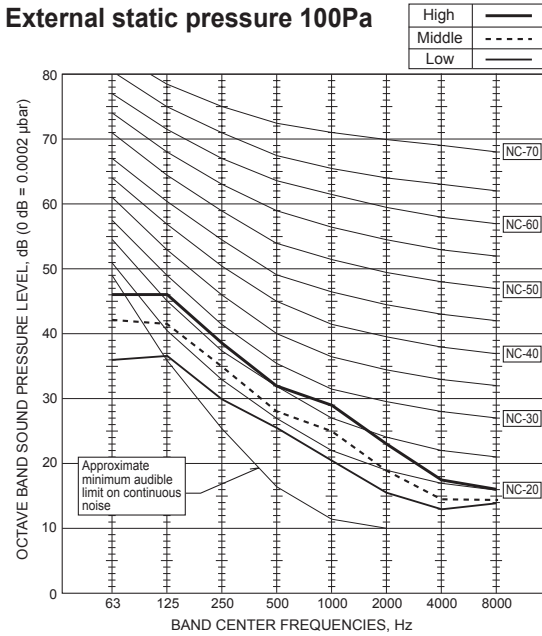
External static pressure 70Pa



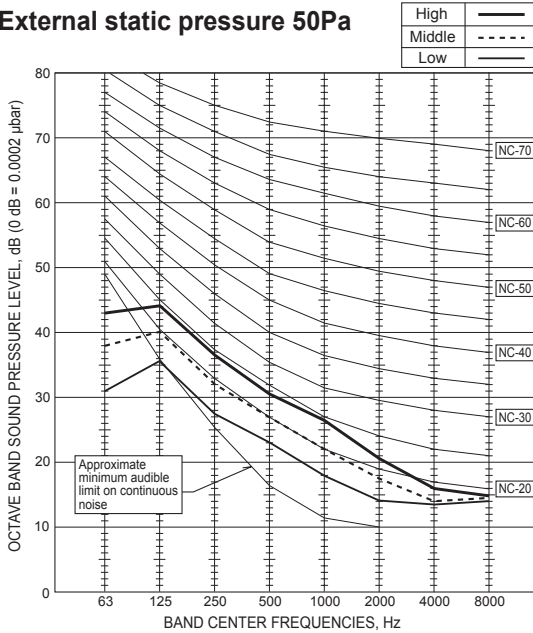
External static pressure 35Pa



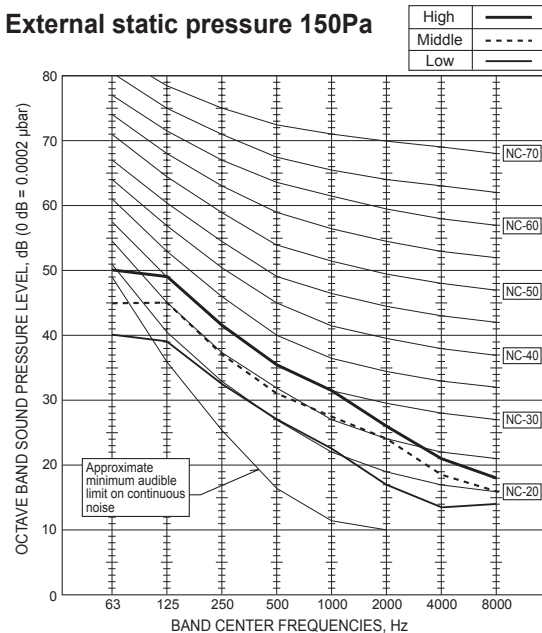
External static pressure 100Pa



External static pressure 50Pa

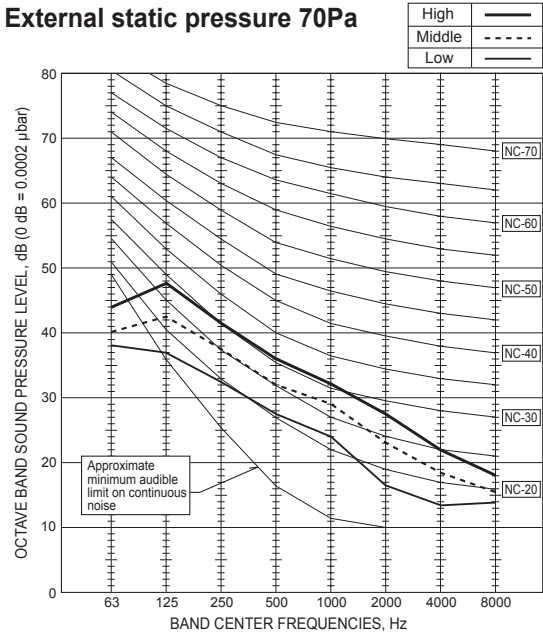


External static pressure 150Pa

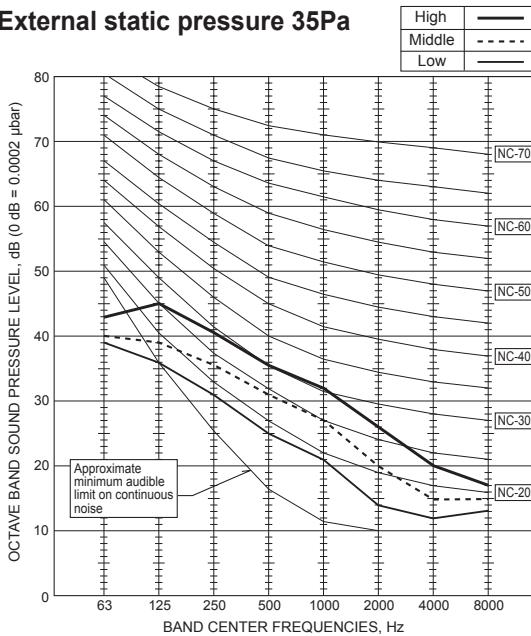


PEAD-M100JA
PEAD-M100JAL
PEAD-SM100JA
PEAD-SM100JAL

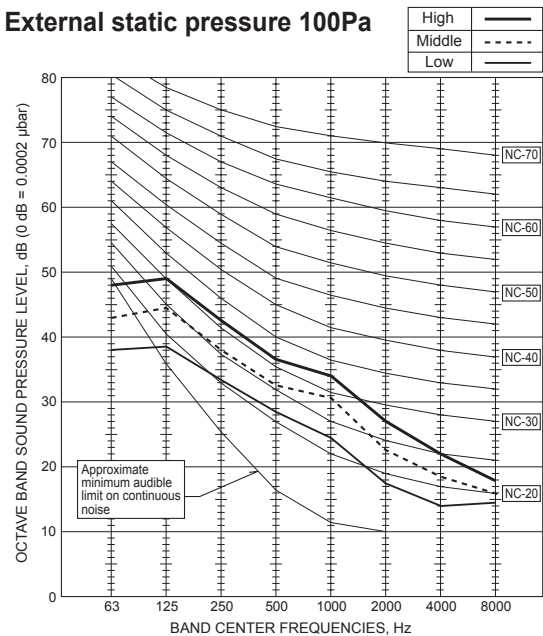
External static pressure 70Pa



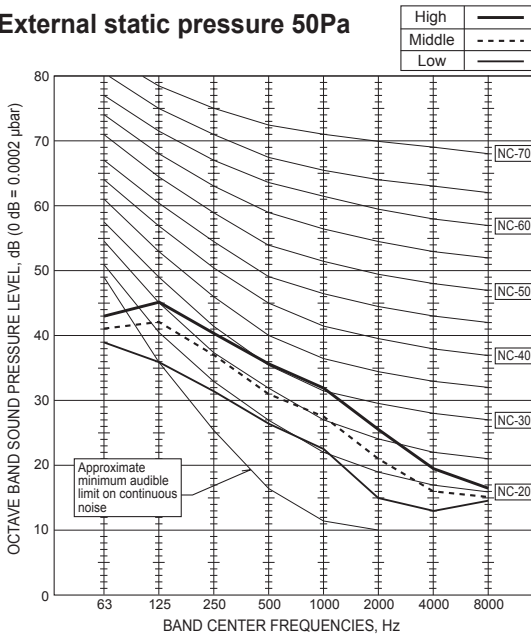
External static pressure 35Pa



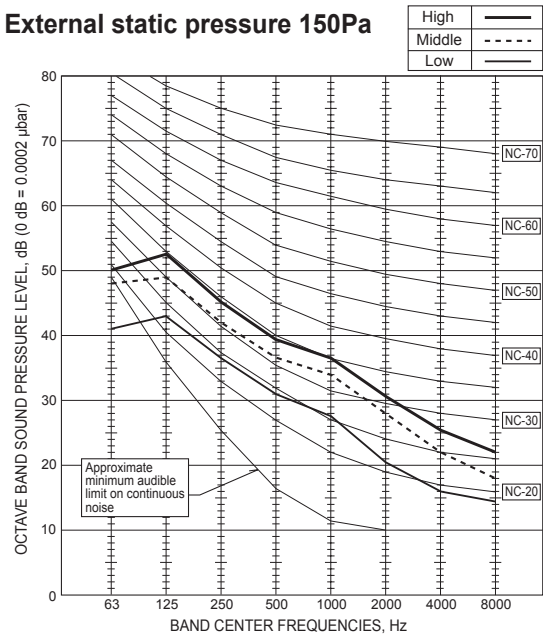
External static pressure 100Pa



External static pressure 50Pa



External static pressure 150Pa



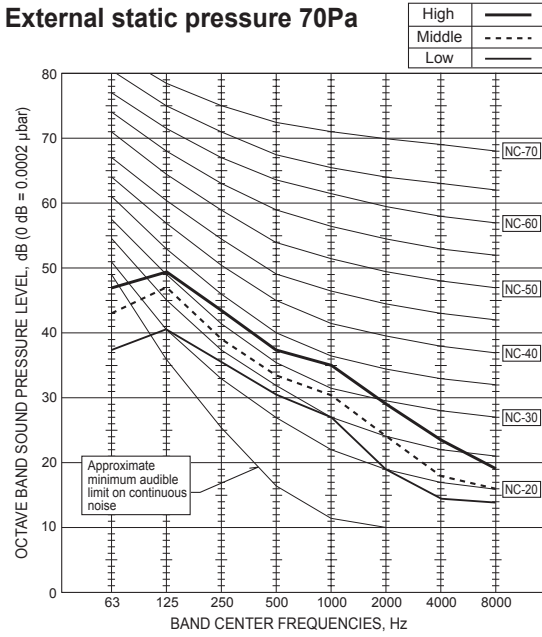
CEILING-
CONCEALED

NOISE CRITERIA CURVES

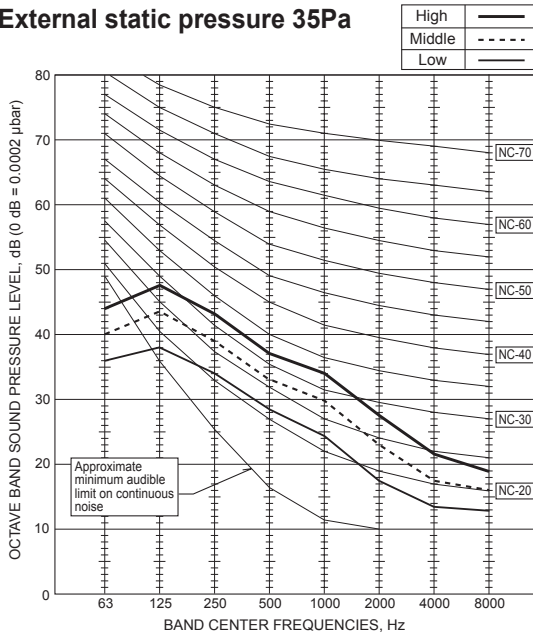
PEAD-M125JA
PEAD-M125JAL
PEAD-SM125JA
PEAD-SM125JAL

CEILING-CONCEALED NOISE CRITERIA CURVES

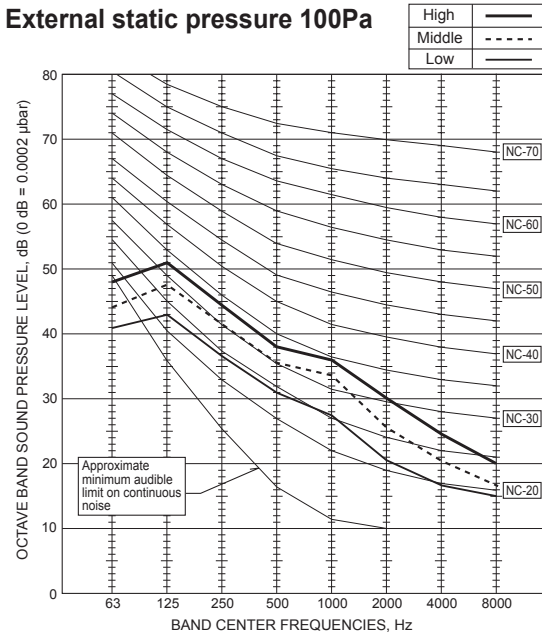
External static pressure 70Pa



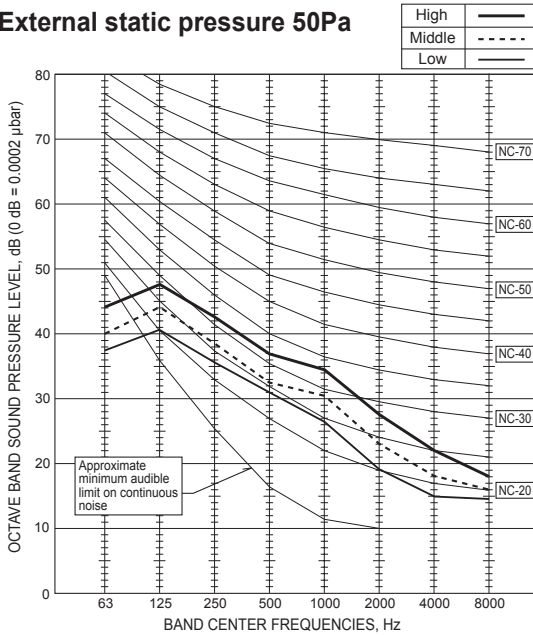
External static pressure 35Pa



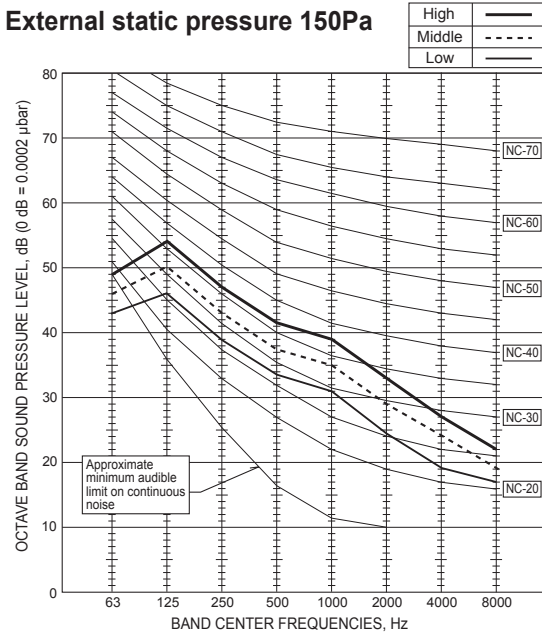
External static pressure 100Pa



External static pressure 50Pa

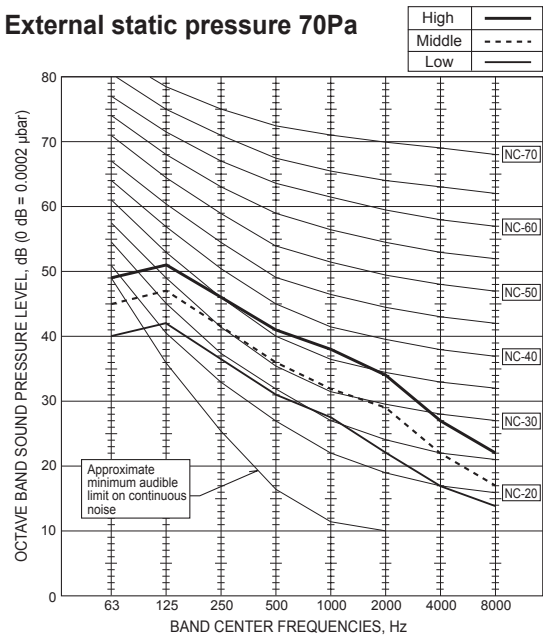


External static pressure 150Pa

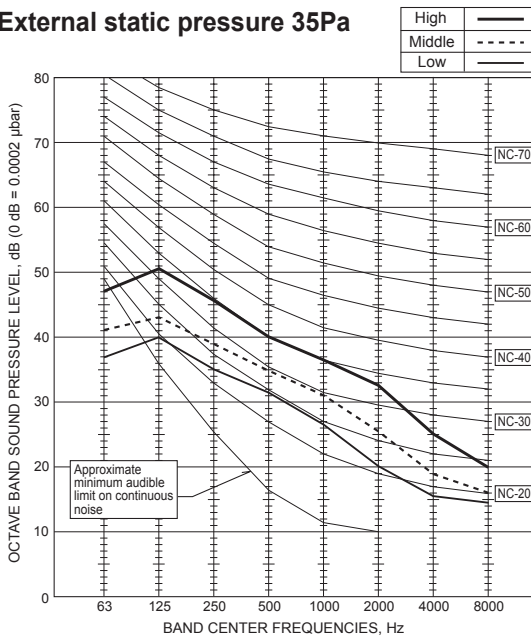


PEAD-M140JA
 PEAD-M140JAL
 PEAD-SM140JA
 PEAD-SM140JAL

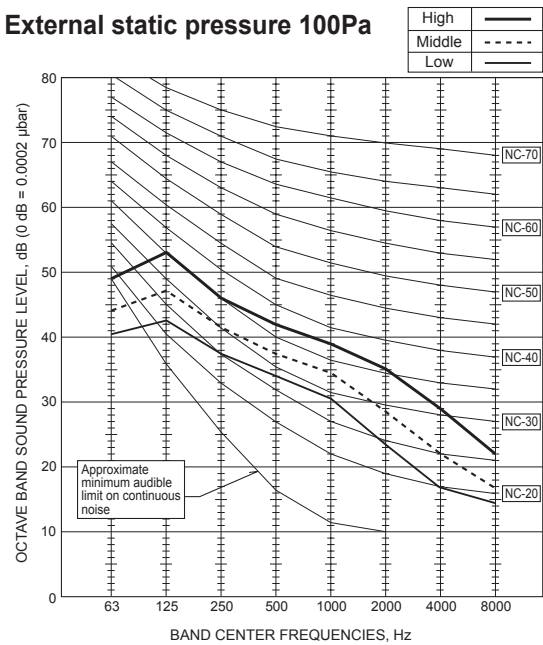
External static pressure 70Pa



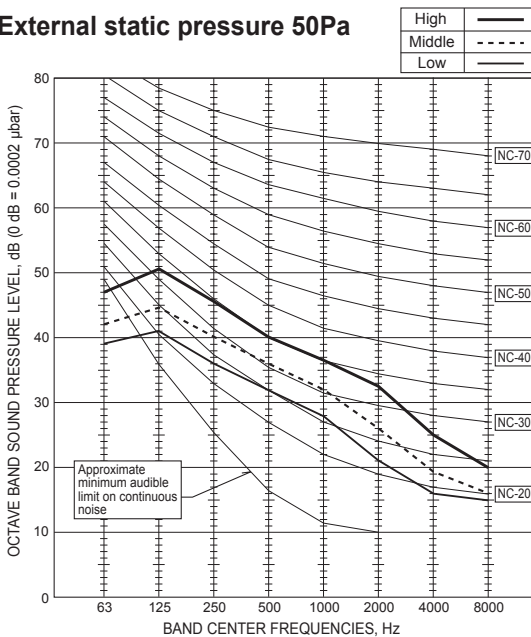
External static pressure 35Pa



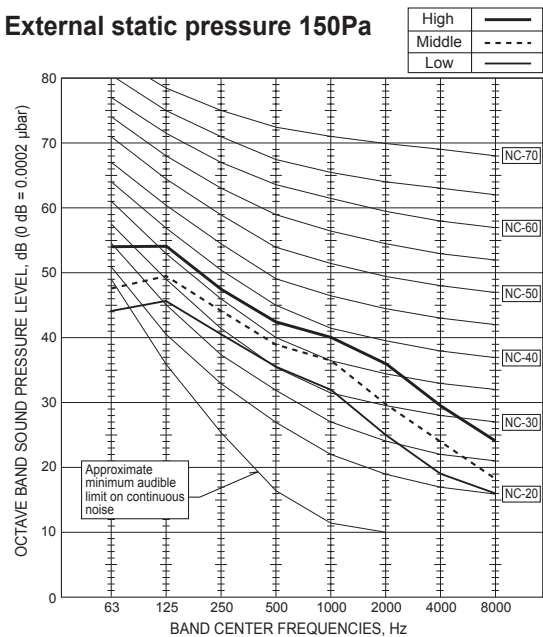
External static pressure 100Pa



External static pressure 50Pa



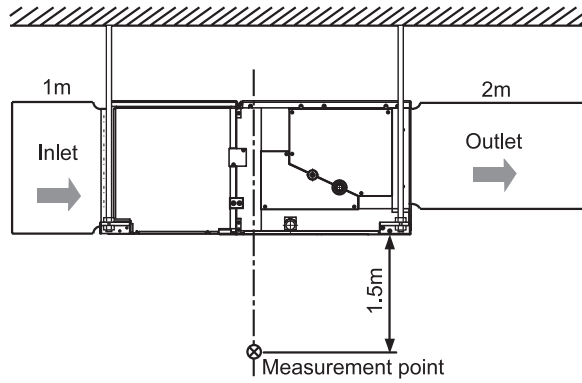
External static pressure 150Pa



CEILING-
CONCEALED

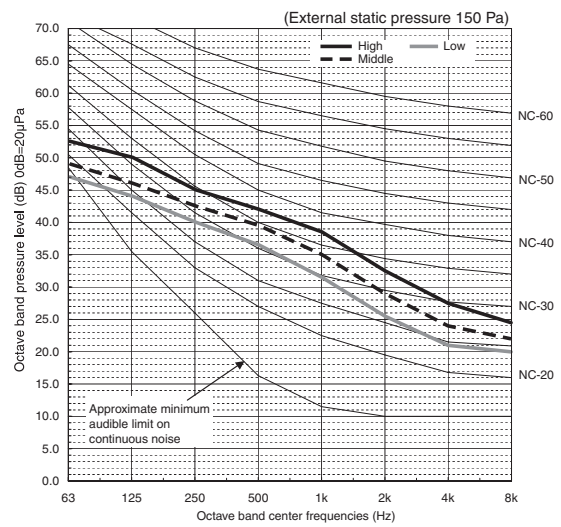
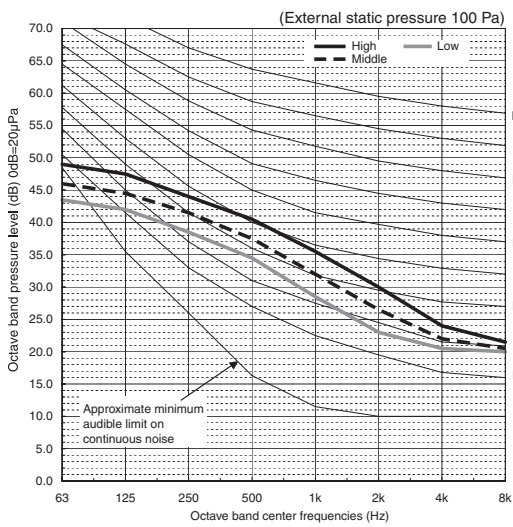
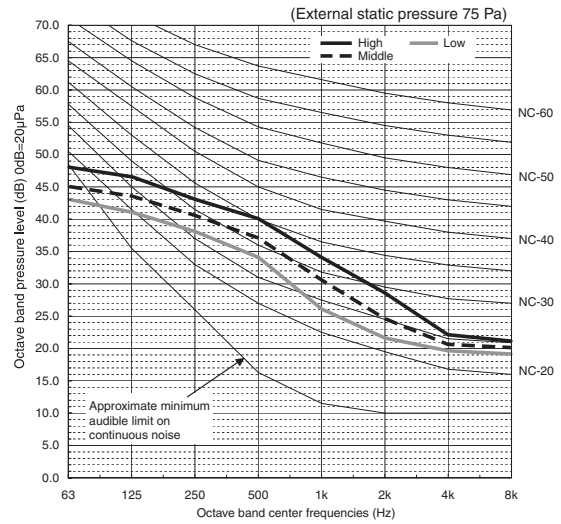
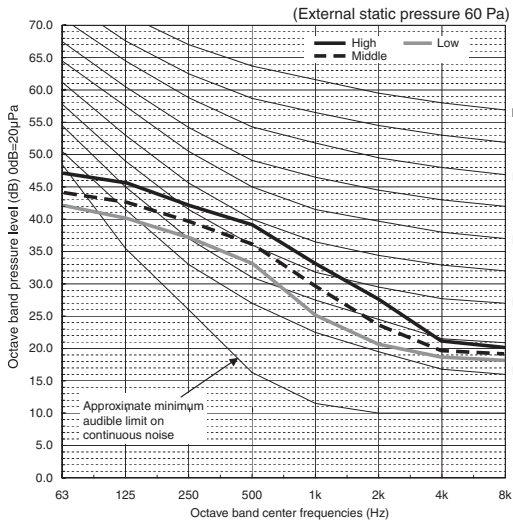
NOISE CRITERIA CURVES

Sound pressure level
Ceiling concealed



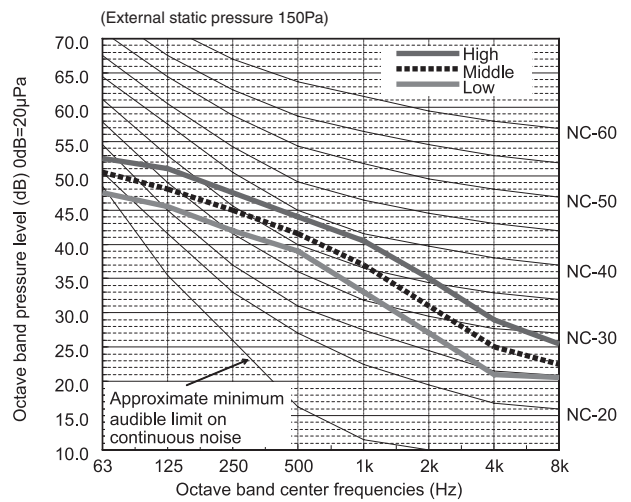
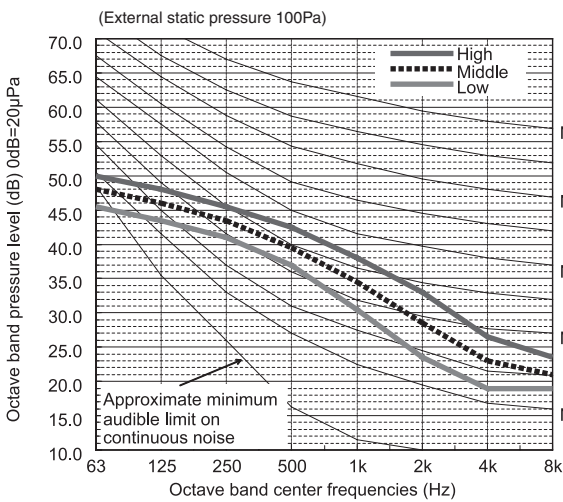
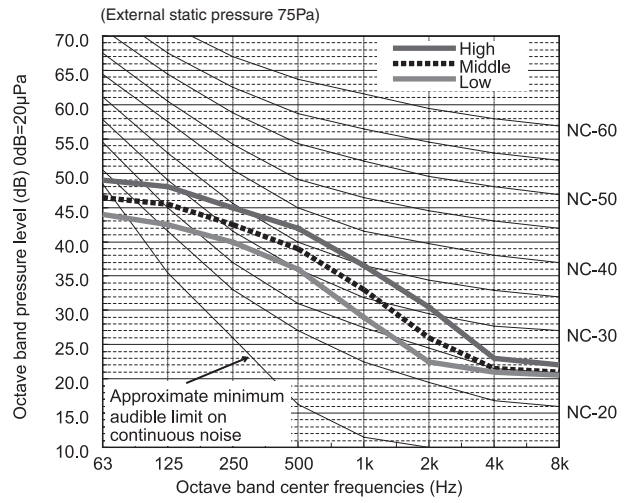
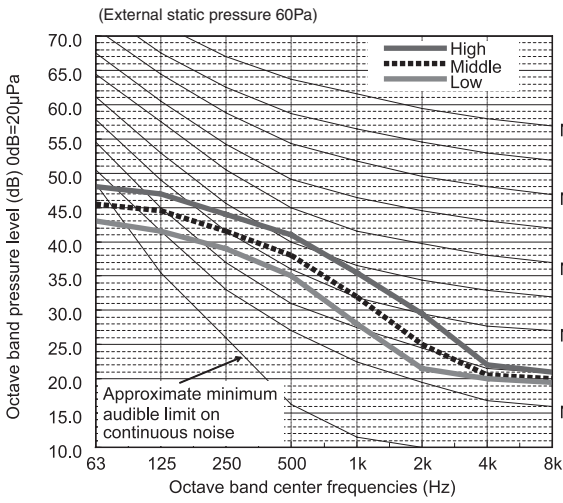
NC curves

PEA-RP200WKA



CEILING-CONCEALED NOISE CRITERIA CURVES

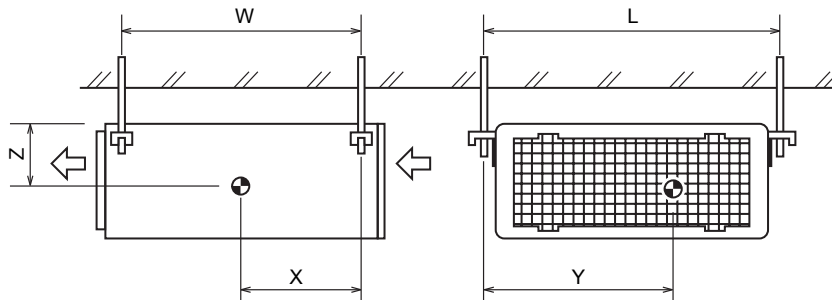
PEA-RP250WKA



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 than the displayed level during cooling and heating operation.

A.6.8 CENTER OF GRAVITY POSITION

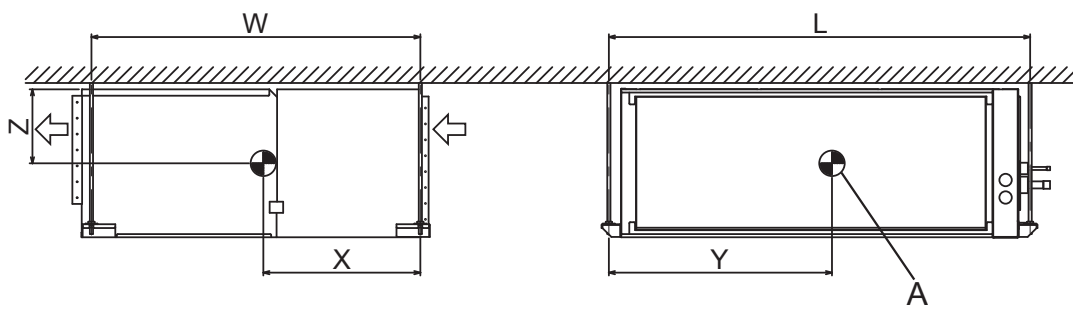
A.6.8.1 PEAD-M•JA(L) PEAD-SM•JA(L)



(mm)

Model name	W	L	X	Y	Z
PEAD-M35JA(L)	643	954	340	375	130
PEAD-M50JA(L)	643	954	340	375	130
PEAD-M60JA(L)	643	1154	325	525	130
PEAD-M71JA(L) PEAD-SM71JA(L)	643	1154	325	525	130
PEAD-M100JA(L) PEAD-SM100JA(L)	643	1454	330	675	130
PEAD-M125JA(L) PEAD-SM125JA(L)	643	1454	330	675	130
PEAD-M140JA(L) PEAD-SM140JA(L)	643	1654	332	725	130

A.6.8.2 PEA-RP•WKA



(mm)

Model name	W	L	X	Y	Z
PEA-RP200WKA	1034	1324	494	701	235
PEA-RP250WKA	1034	1324	494	701	235

CEILING-
CONCEALED

CENTER OF GRAVITY POSITION

A.7 REMOTE CONTROLLER AND TROUBLESHOOTING

A.7.1	WIRED REMOTE CONTROLLER [PAR-40MAA]	A-398
A.7.1.1	FUNCTIONS	A-398
A.7.1.2	APPEARANCE	A-399
A.7.1.3	OUTLINES AND DIMENSIONS	A-400
A.7.2	WIRELESS REMOTE CONTROLLER	A-401
A.7.2.1	[PAR-SL97A-E] APPEARANCE	A-401
	OUTLINES AND DIMENSIONS	A-402
A.7.2.2	[PAR-SL100A-E] APPEARANCE	A-403
	OUTLINES AND DIMENSIONS	A-404
A.7.3	SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]	A-405
A.7.3.1	FUNCTION	A-405
A.7.3.2	APPEARANCE	A-406
A.7.3.3	OUTLINES AND DIMENSIONS	A-407
A.7.4	MA TOUCH REMOTE CONTROLLER [PAR-CT01MAA-PB/SB]	A-408
A.7.4.1	FUNCTION	A-408
A.7.4.2	APPEARANCE	A-409
A.7.4.3	SPECIFICATIONS	A-412
A.7.4.4	OUTLINES AND DIMENSIONS	A-412

A.7.1 WIRED REMOTE CONTROLLER [PAR-40MAA]

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.

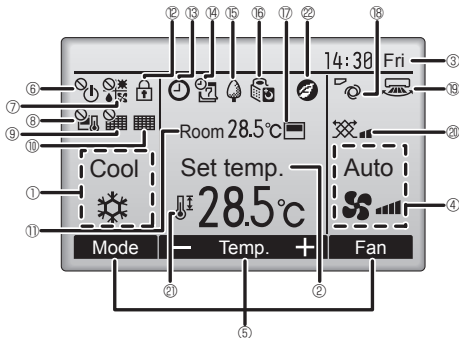
REMOTE CONTROLLER AND TROUBLESHOOTING FUNCTIONS [PAR-40MAA]

A.7.1.2 APPEARANCE

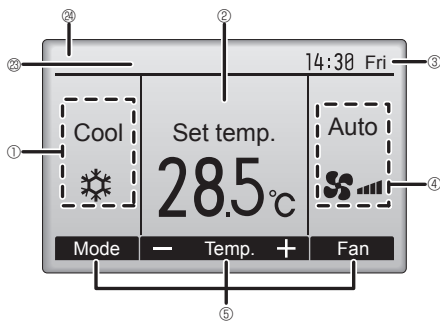
Display

The main display can be displayed in two different modes: "Full" and "Basic."
The factory setting is "Full."

Full mode



Basic mode



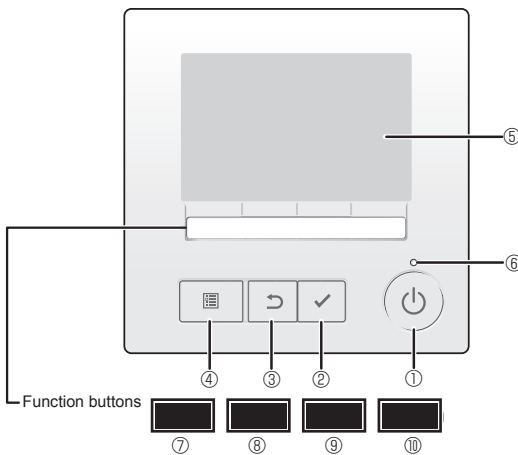
* All icons are displayed for explanation.

- ① **Operation mode**
Appears when the Weekly timer is enabled.
- ② **Preset temperature**
Appears while the units are operated in the energy-save mode. (Will not appear on some models of indoor units)
- ③ **Clock**
See the Installation Manual.
- ④ **Fan speed**
Appears while the outdoor units are operated in the silent (This indication is not available for CITY MULTI models.)
- ⑤ **Button function guide**
Functions of the corresponding buttons appear here.
- ⑥ **Centrally controlled**
Appears when the ON/OFF operation is centrally controlled.
- ⑦ **Thermistor**
Appears when the operation mode is centrally controlled.
- ⑧ **Thermistor**
Appears when the thermistor on the indoor unit is activated to monitor the room temperature. (①)
- ⑨ **Thermistor**
Appears when the thermistor on the indoor unit is activated to monitor the room temperature.
- ⑩ **Filter reset**
Appears when the filter reset function is centrally controlled.
- ⑪ **Filter maintenance**
Indicates when filter needs maintenance.
- ⑫ **Room temperature**
See the Installation Manual.
- ⑬ **Lock**
Appears when the buttons are locked.
- ⑭ **Timer**
Appears when the On/Off timer, Night setback, or Auto-off timer function is enabled.
- ⑮ **Timer disabled**
Appears when the timer is disabled by the centralized control system.
- ⑯ **Vane setting**
Indicates the vane setting.
- ⑰ **Louver setting**
Indicates the louver setting.
- ⑱ **Ventilation setting**
Indicates the ventilation setting.
- ⑲ **Temperature range**
Appears when the preset temperature range is restricted.
- ⑳ **3D I-See sensor**
Appears when an energy-saving operation is performed using a "3D I-See sensor" function.
- ㉑ **Centrally controlled**
Appears for a certain period of time when a centrally-controlled item is operated.
- ㉒ **Preliminary error display**
An error code appears during the preliminary error.

Most settings (except ON/OFF, mode, fan speed, temperature) can be made from the Main menu.

* 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

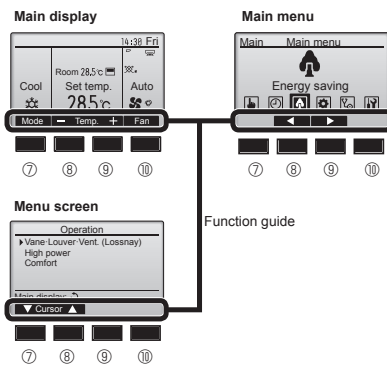
Controller interface



When the backlight is off, pressing any button turns the backlight on and does not perform its function. (except for the ON/OFF button)

- ① **[ON/OFF] button**
Press to turn ON/OFF the indoor unit.
- ② **[SELECT] button**
- ③ **[RETURN] button**
Press to return to the previous screen.
- ④ **[MENU] button**
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.

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.

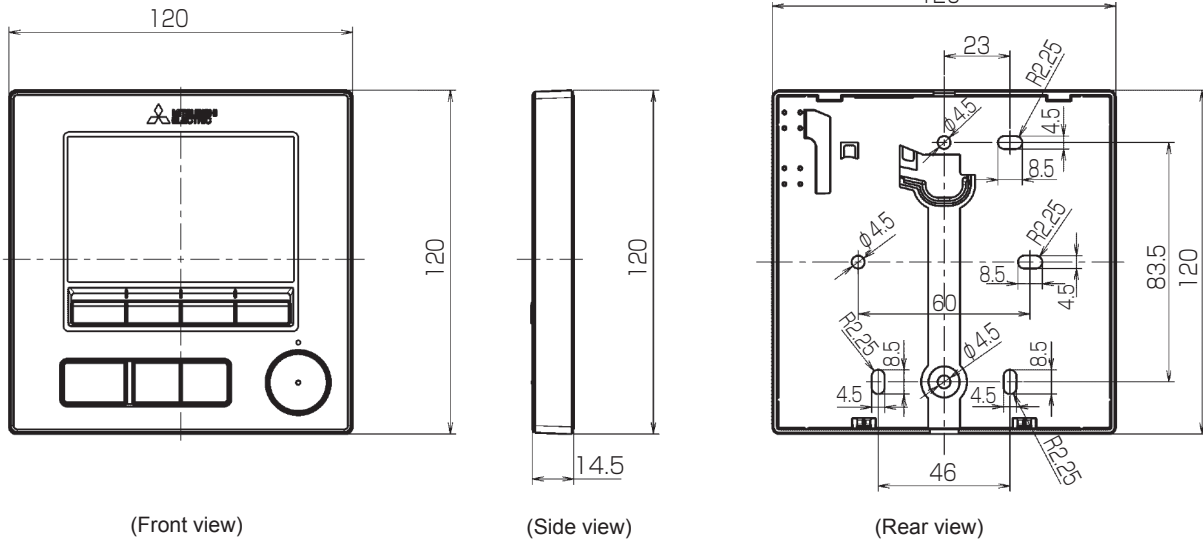


- ⑥ **ON/OFF lamp**
This lamp lights up in green while the unit is in operation. It blinks while the remote controller is starting up or when there is an error.
- ⑦ **Function button [F1]**
Main display: Press to change the operation mode.
Menu screen: The button function varies with the screen.
- ⑧ **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.

A.7.1.3 OUTLINES AND DIMENSIONS

unit : mm [in.]

[PAR-40MAA]



<Specifications>

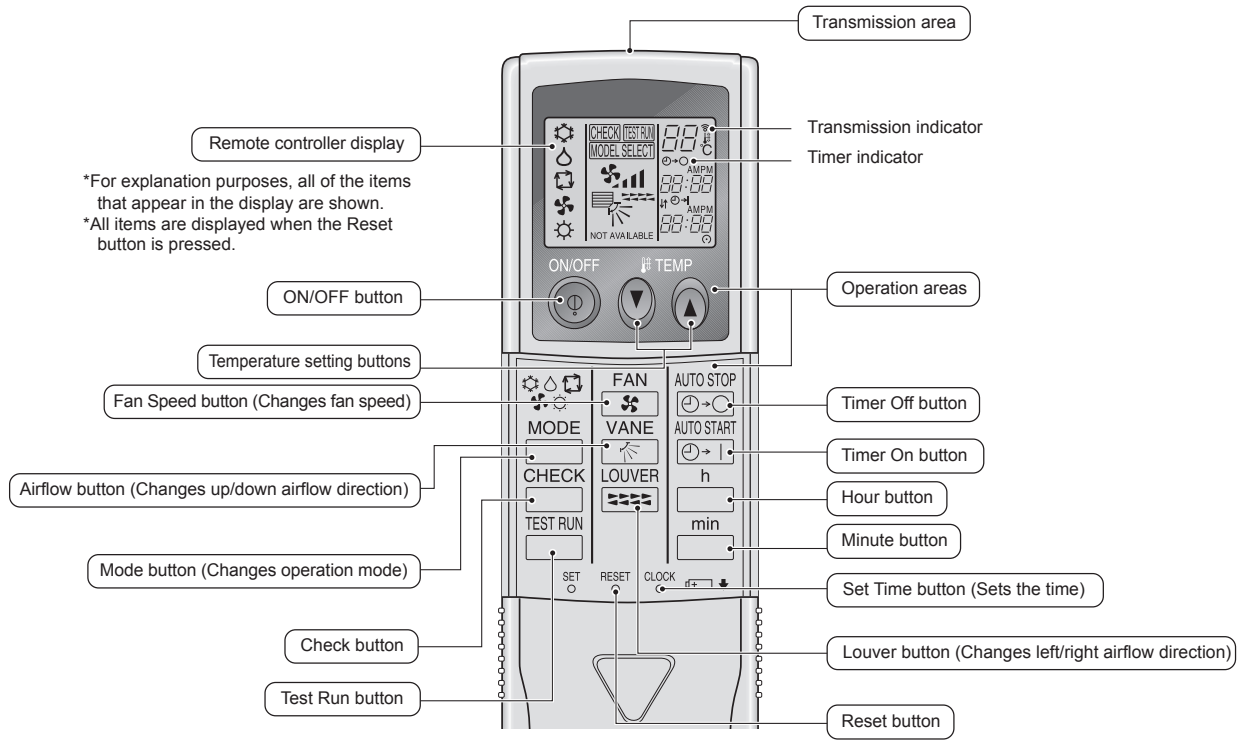
Product size	120(W) × 120(H) × 19(D)mm (4 3/4 × 4 3/4 × 3/4 [in] (not including the protruding part)	
Net weight	0.19kg (27/64lbs)	
Rated power supply voltage	12V DC (supplied from indoor units)	
Power consumption	0.3W	
Usage environment	Temperature	0 - 40°C (32 - 104°F)
	Humidity	25 - 90%RH (with no 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-40MAA]

A.7.2 WIRELESS REMOTE CONTROLLER

A.7.2.1 [PAR-SL97A-E] APPEARANCE

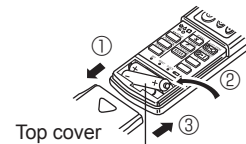
When cover is open



- 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.

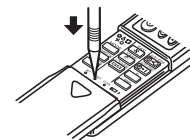
Battery installation/replacement

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 (+, -)!

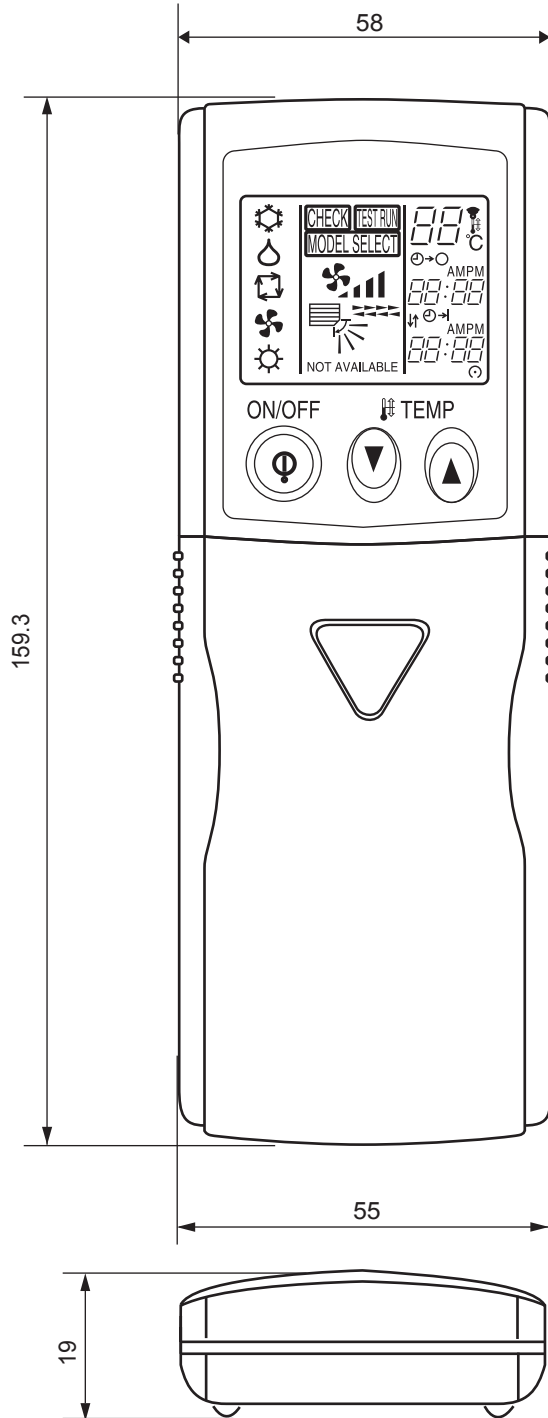
2. Press the Reset button.



Press the Reset button with an object that has a narrow end.

OUTLINES AND DIMENSIONS

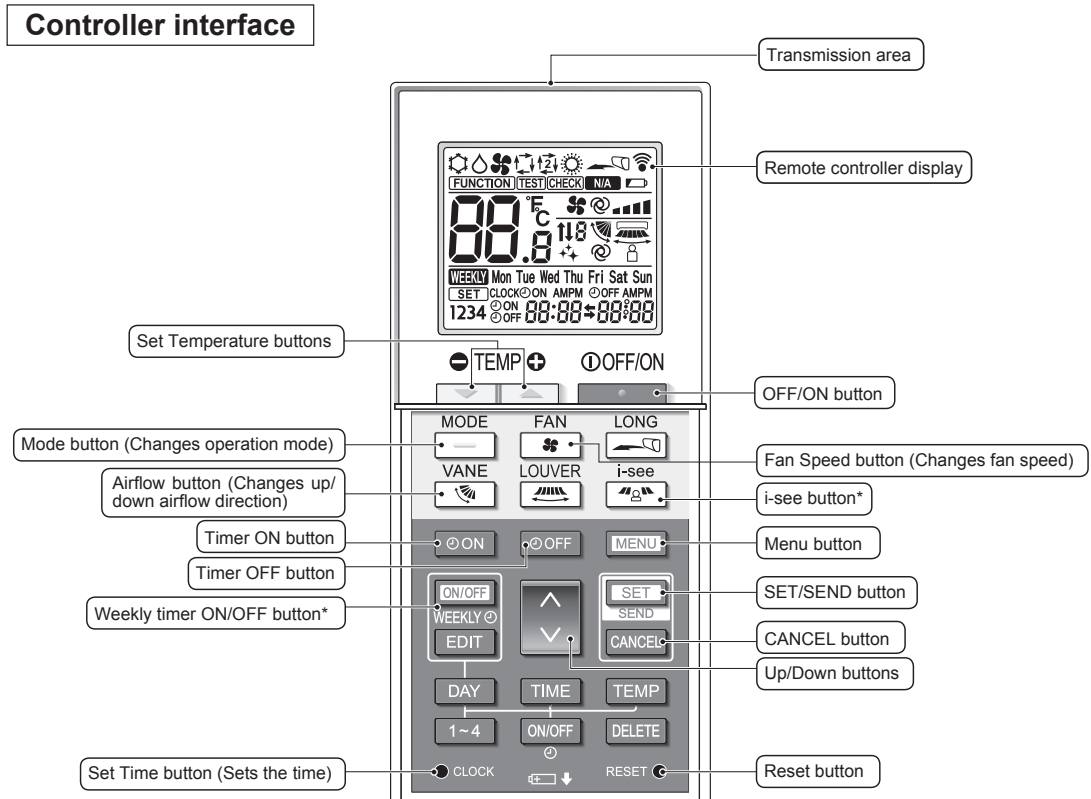
unit : mm



REMOTE CONTROLLER AND TROUBLESHOOTING
OUTLINES AND DIMENSIONS [WIRELESS]

A.7.2.2 [PAR-SL100A-E] APPEARANCE

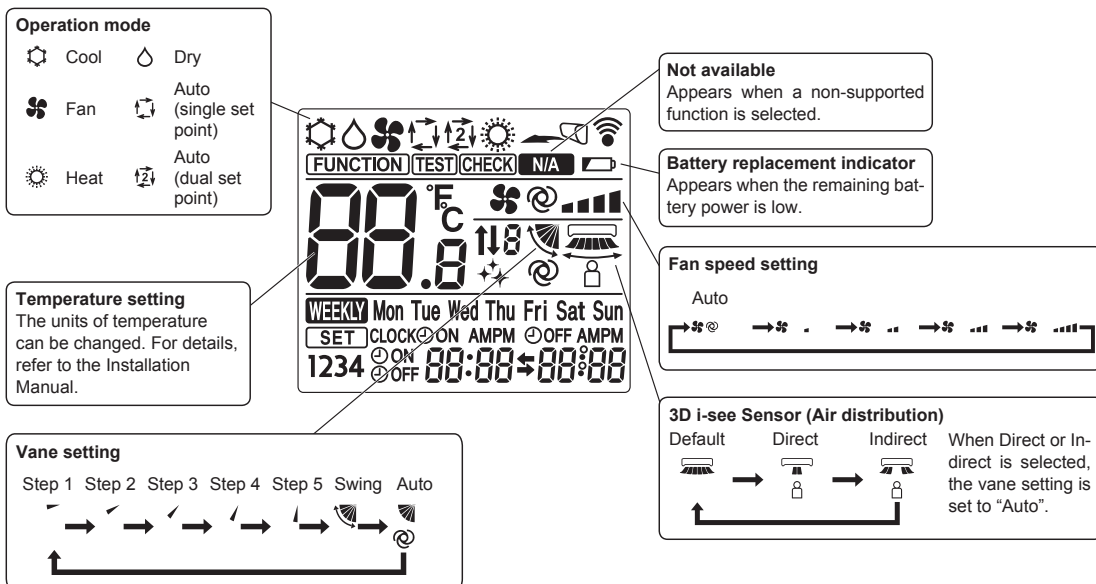
When cover is open



Note:

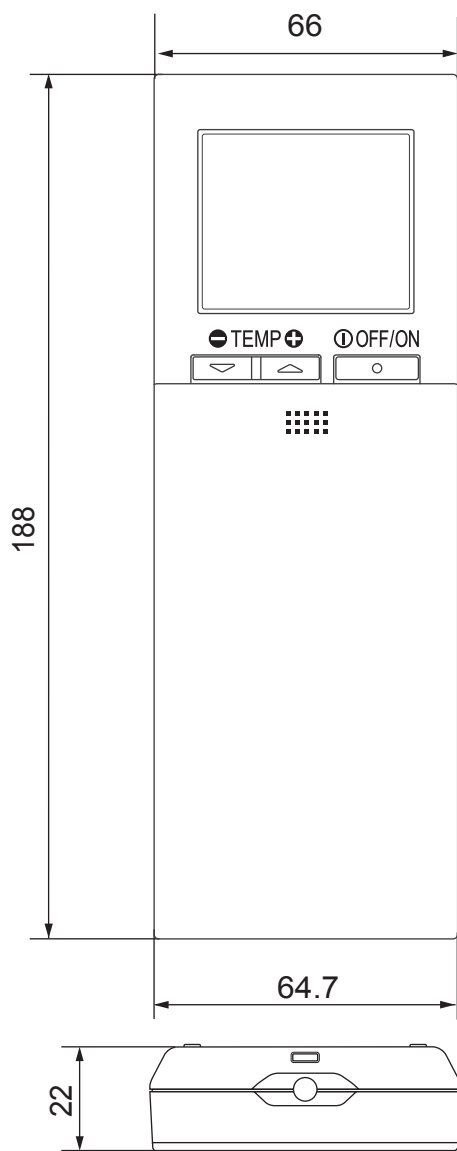
* This button is enabled or disabled depending on the model of the indoor unit.

Display



OUTLINES AND DIMENSIONS

unit : mm



REMOTE CONTROLLER AND TROUBLESHOOTING
OUTLINES AND DIMENSIONS [WIRELESS]

A.7.3 SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]

A.7.3.1 FUNCTION

1. Operations/Display

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

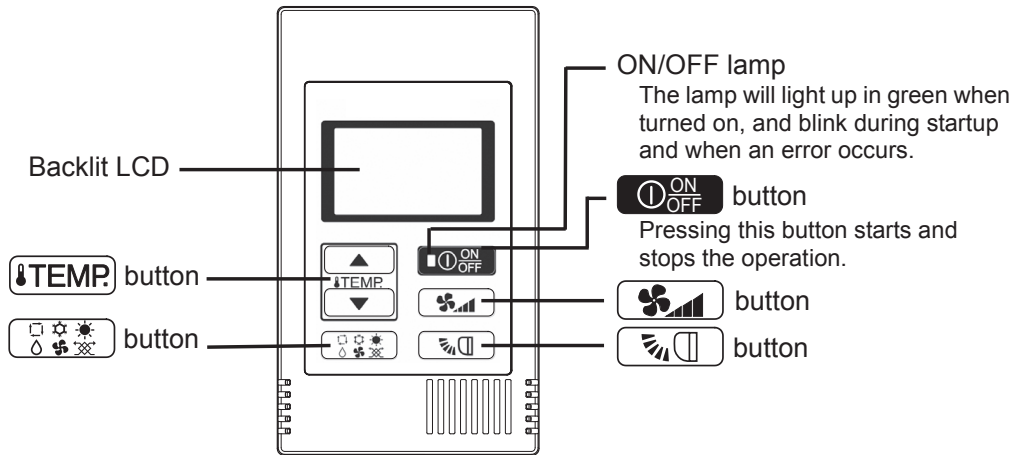
Item	Setting	Display	Description
Allows/disallows local operation	—	✓	By setting a centralized controller, the following local operations are prohibited: ON/OFF; operation mode; preset temperature; * The CENTRAL icon appears while the local operations are prohibited.
Operation lock	✓	✓	Locks all buttons.
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

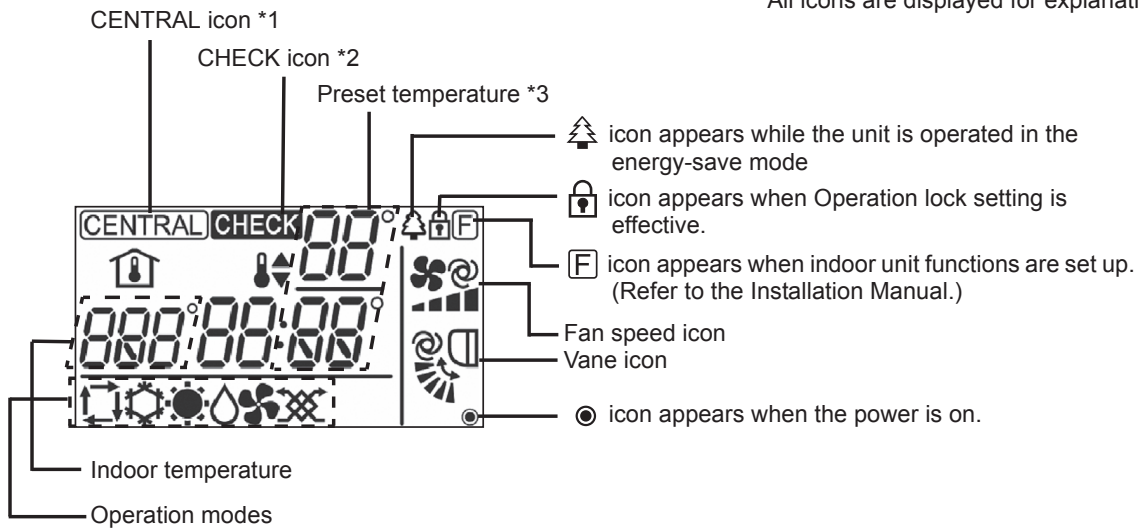
Controller interface



* To set the functions that are not available on this controller (PAC-YT52CRA) such as Louver, use MA remote controller or the centralized controller.

Display

* All icons are displayed for explanation.

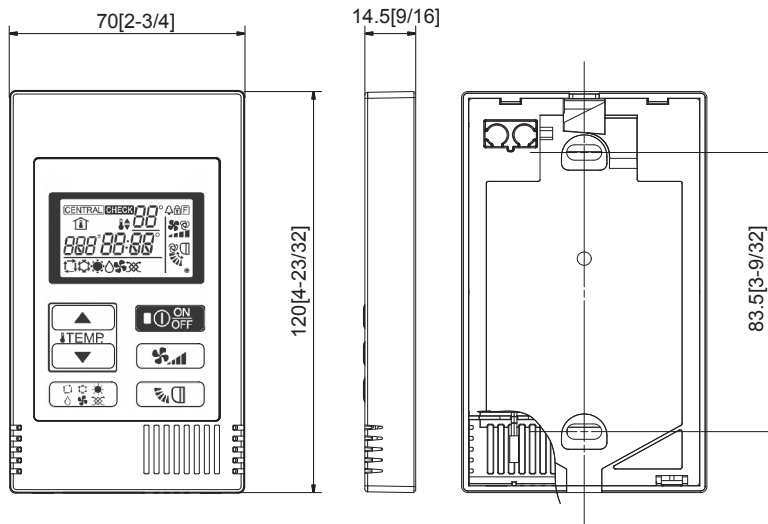


REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [PAC-YT52CRA]

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 × 4-3/4 × 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

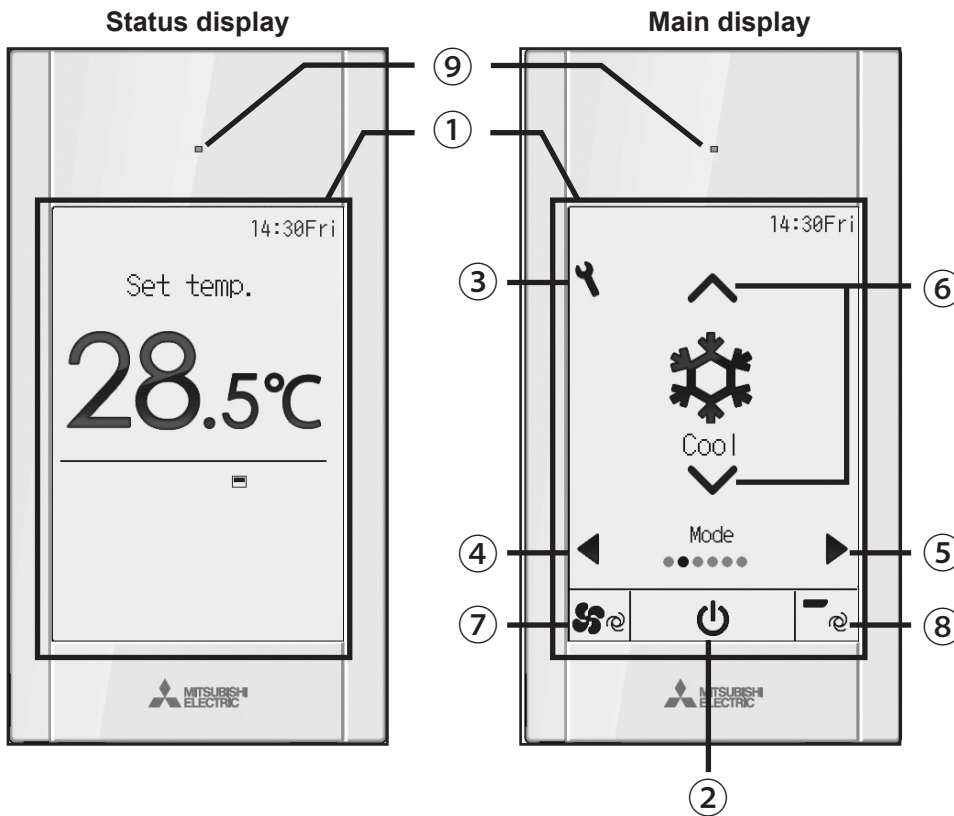
	Function	CITY MULTI	Mr. SLIM	Required password
Power	Power ON/OFF	○	○	-
Settings	Operation mode	○	○	-
	Auto (dual set point) mode	○	○	-
	Preset temperature	○	○	-
	Fan speed	○	○	-
	Vane	○	○	-
	Louver	○	○	-
	Ventilation	○	○	-
Operation menu	High power	×	○	-
	Manual vane angle	○	○	-
	3D i-See sensor	○	○	-
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.

REMOTE CONTROLLER AND TROUBLESHOOTING FUNCTIONS [PAR-CT01MAA-PB/SB]

A.7.4.2 APPEARANCE

1.Controller interface-Status display / Main display



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.

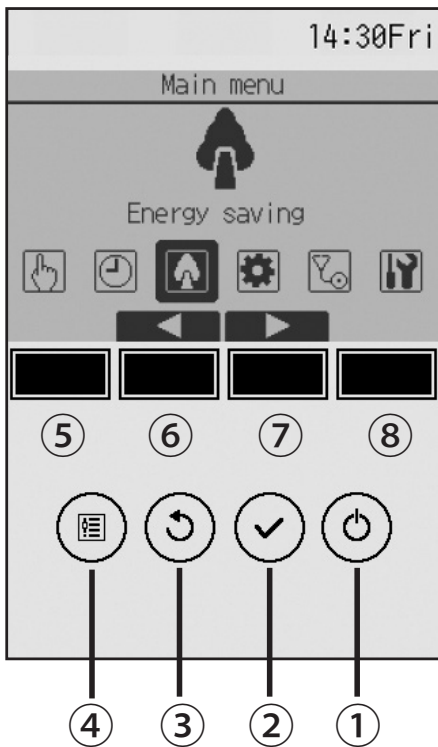
When the ON/OFF operation is locked, ② will not be displayed.

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



REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [PAR-CT01MAA-P/BSB]

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.

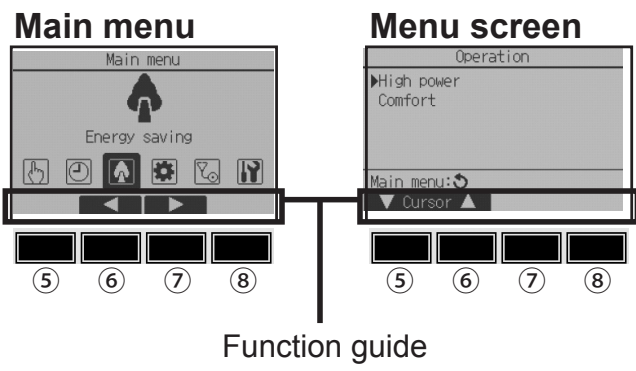
5 Function button F1
Menu screen: The button function varies with the screen.

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.

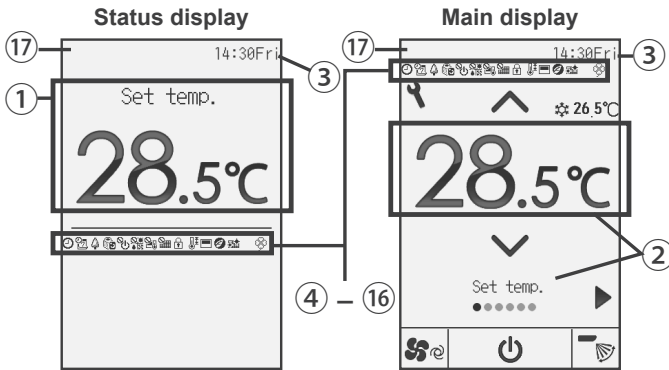


3.Display-Status display / Main display

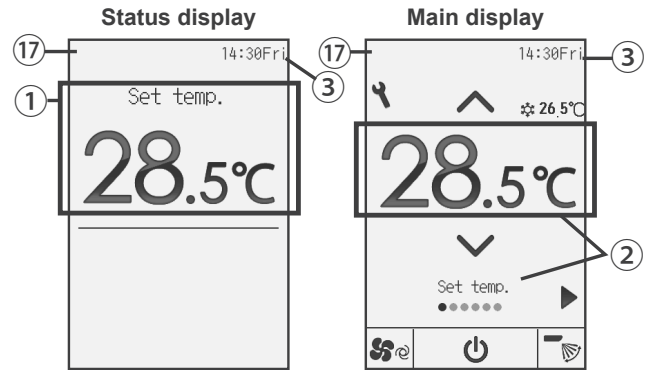
The Status display and Main display can be displayed in two different modes: "Full" and "Basic."

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 (Page 29), Night setback, 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

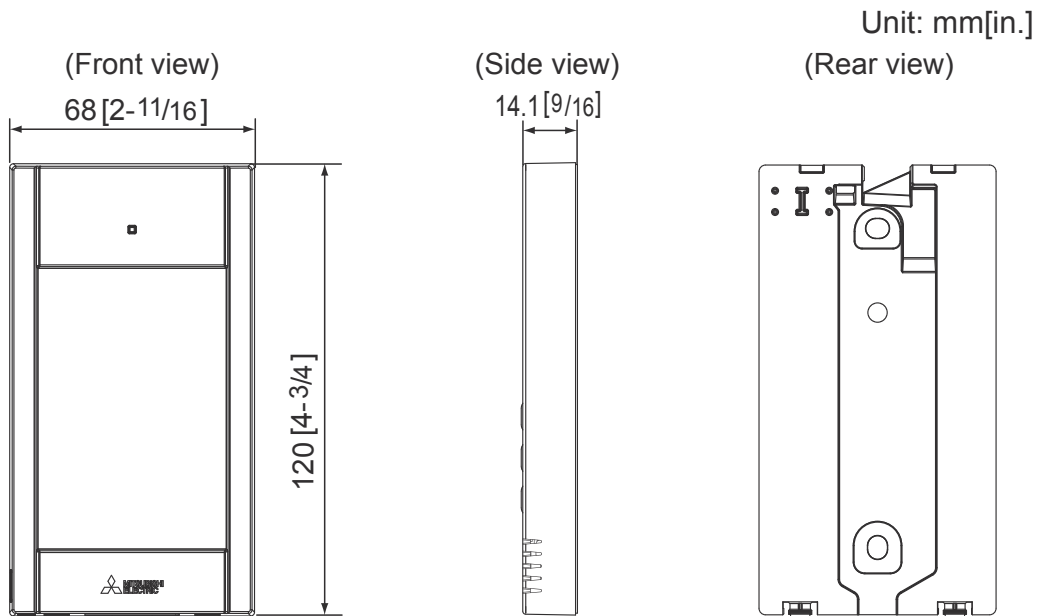
An error code appears during the preliminary error.

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): 0.09 kg (13/64 lbs)
	Premium (PAR-CT01MAA(R)-PB): 0.10 kg (7/32 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-414
	A.8.1.1 R32 type	A-414
	A.8.1.2 R410A type	A-420
A.8.2	WIRING DIAGRAM	A-431
	A.8.2.1 R32 type	A-431
	A.8.2.2 R410A type	A-442
A.8.3	REFRIGERANT SYSTEM DIAGRAM	A-459
	A.8.3.1 R32 type	A-459
	A.8.3.2 R410A type	A-464
A.8.4	PERFORMANCE CURVES	A-472
	A.8.4.1 R32 type	
	1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]	A-472
	2. INSTALLING AN AIR PROTECT GUIDE.....	A-476
	3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH	A-477
	A.8.4.2 R410A type	
	1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]	A-480
	2. INSTALLING AN AIR PROTECT GUIDE.....	A-486
	3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH	A-487
A.8.5	NOISE CRITERIA CURVES	A-491
	A.8.5.1 R32 type	A-491
	A.8.5.2 R410A type	A-494
A.8.6	EARTHQUAKE-PROOF STRENGTH ANALYSIS	A-500
	A.8.6.1 R32 type	A-500
	A.8.6.2 R410A type	A-512

A.8.1 OUTLINES AND DIMENSIONS

A.8.1.1 R32 type

Unit : mm

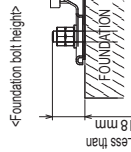
1. PUZ-ZM•HA PUZ-ZM•KA

PUZ-ZM35VKA
PUZ-ZM50VKA

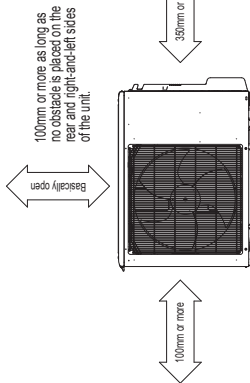
OUTDOOR UNIT OUTLINES AND DIMENSIONS

FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts, washers and nut must be purchased locally).

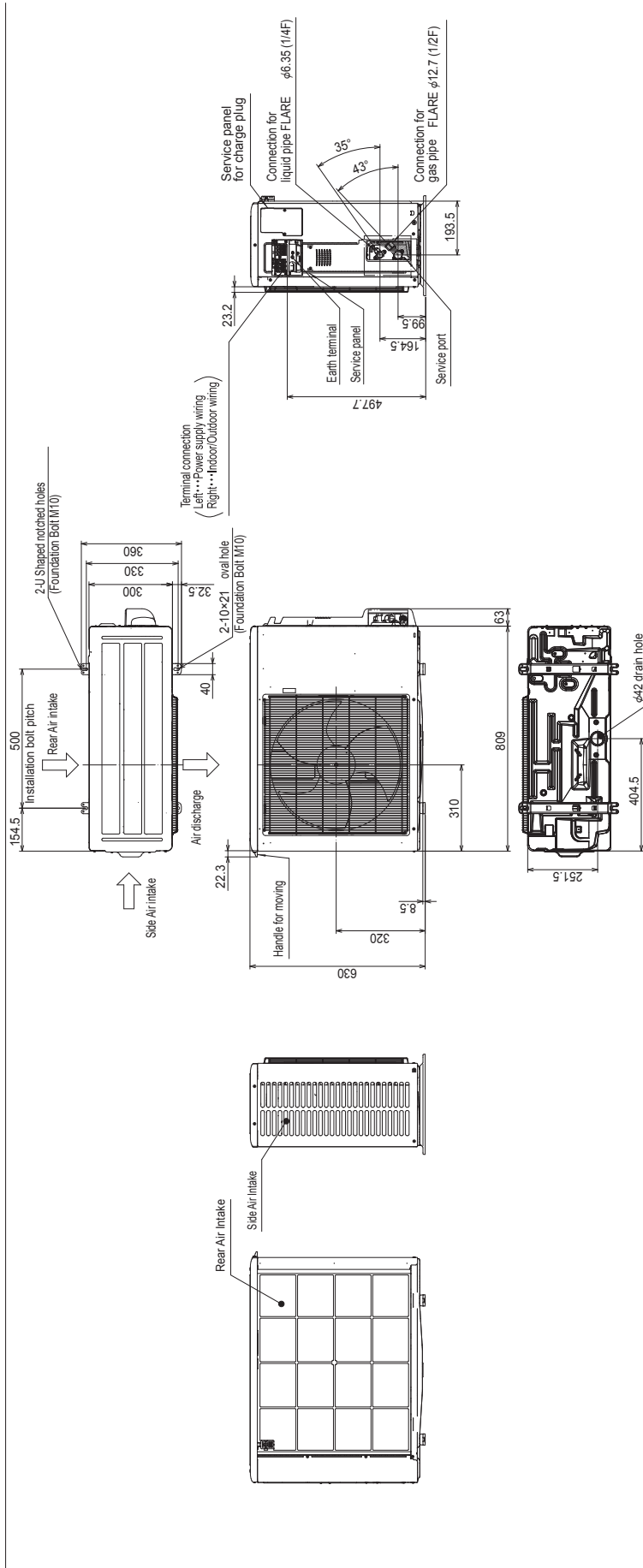
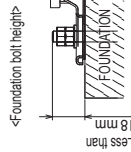


Free space around the outdoor unit (basic example)



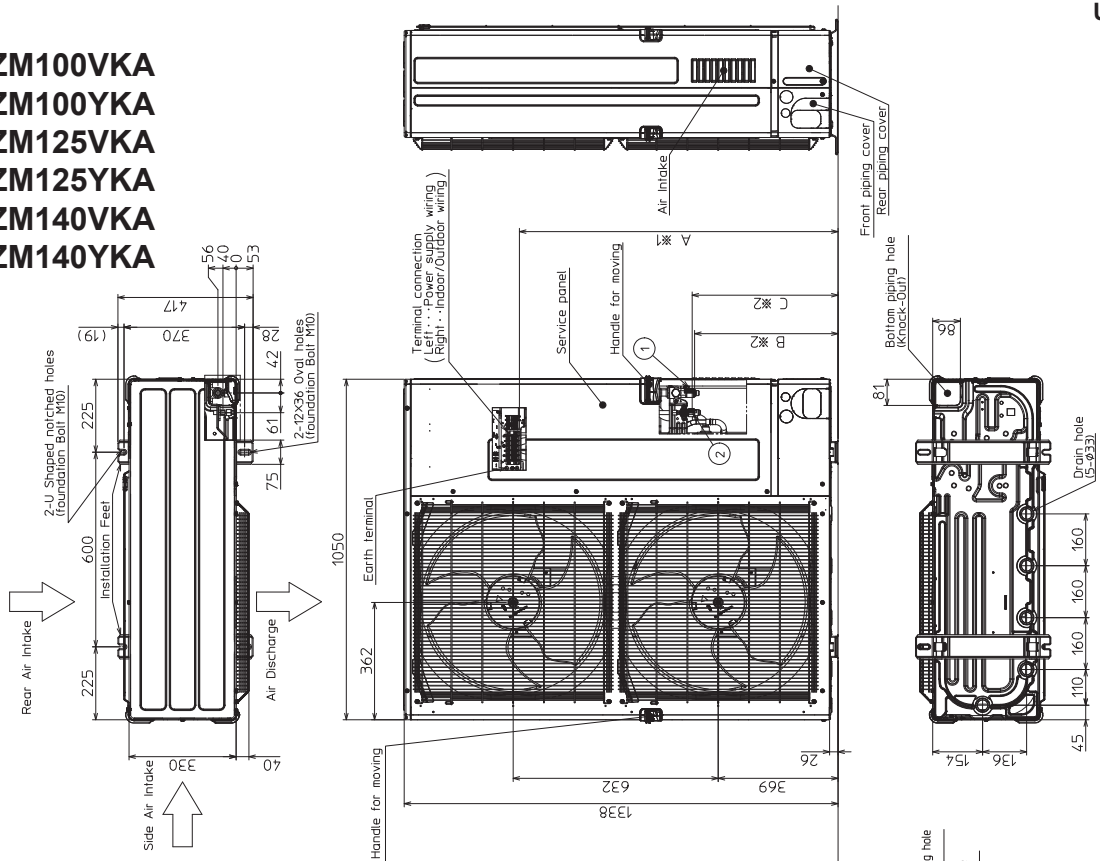
PIPING-WIRING DIRECTION

Piping and wiring connection can be made from the rear direction only.



Unit : mm

PUZ-ZM100VKA
PUZ-ZM100YKA
PUZ-ZM125VKA
PUZ-ZM125YKA
PUZ-ZM140VKA
PUZ-ZM140YKA

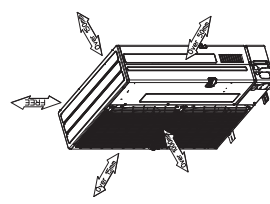
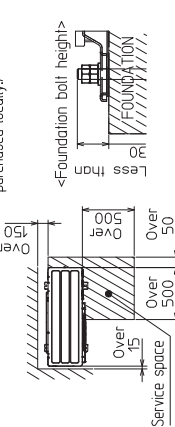


4 PIPING-WIRING DIRECTIONS
 Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

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.

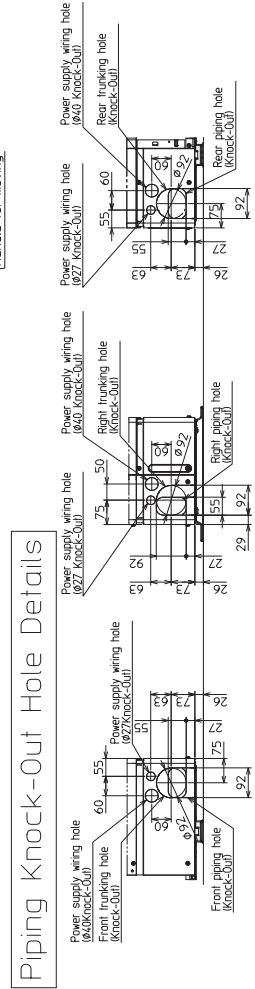


Example of Notes

Model	① Refrigerant GAS line connection	② Refrigerant LIQUID line connection
PUZ-ZM100-140/YKA	φ15.88 (5/8F)	φ9.52 (3/8F)

Model	A	B	C
PUZ-ZM100-140/YKA	1067	442	450
PUZ-ZM100-140/YKA	919	442	450

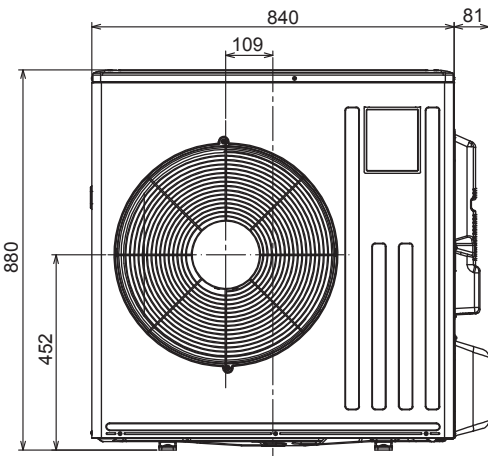
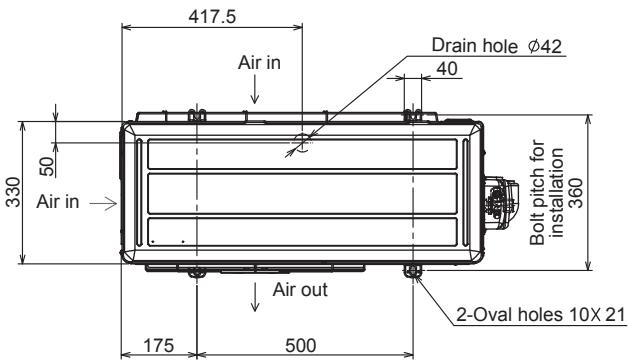
※... Indication of Terminal connection location.
 ※... Indication of STOP VALVE connection location.



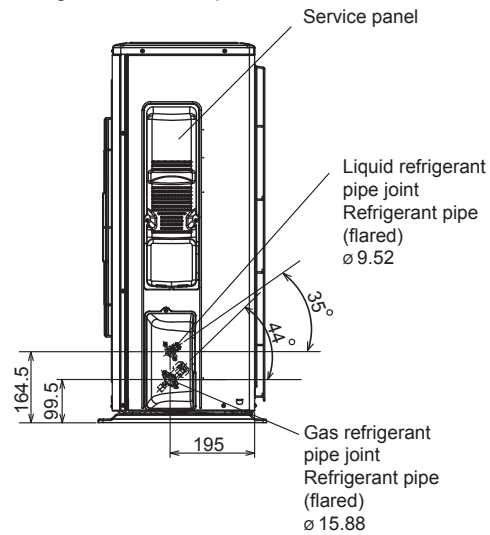
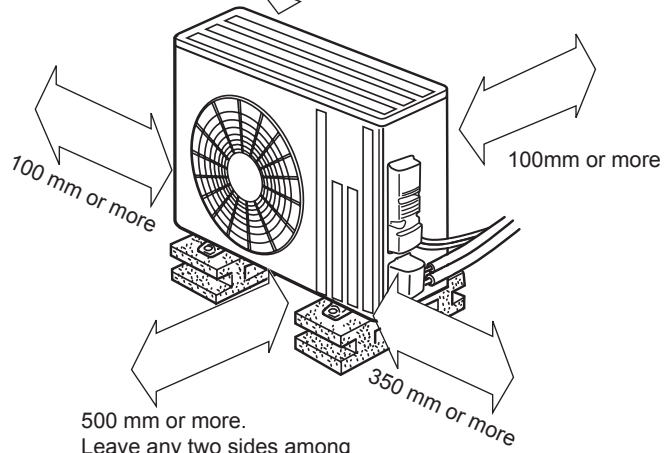
3. SUZ-SM•VA
SUZ-SM71VA

Unit: mm

OUTDOOR UNIT
OUTLINES AND DIMENSIONS



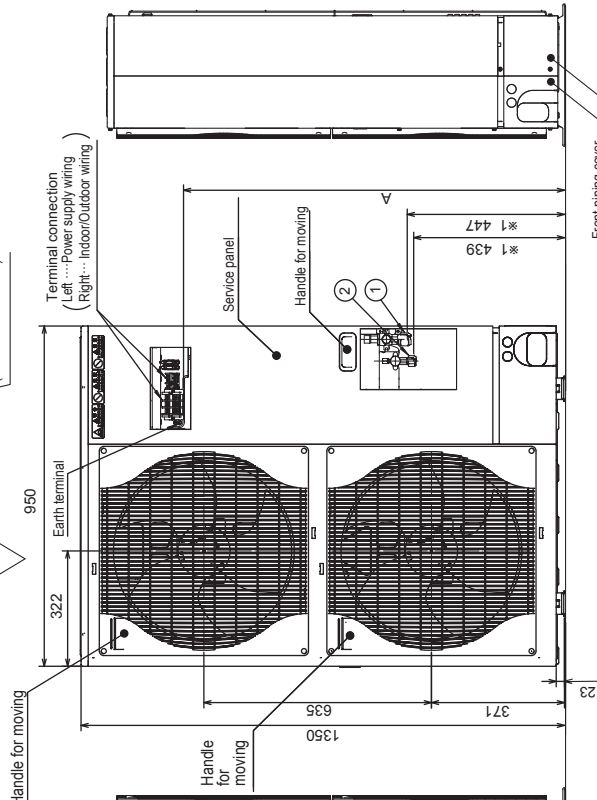
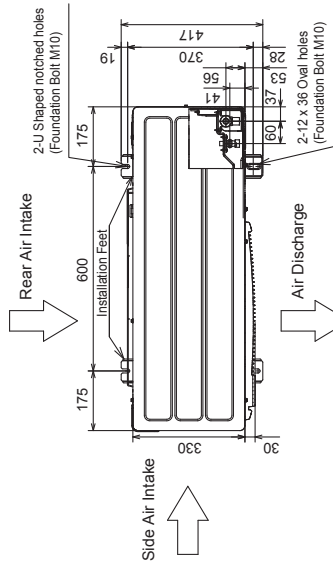
REQUIRED SPACE Basically, leave this space open. Only if front and both sides are open, leave 500 mm at minimum.



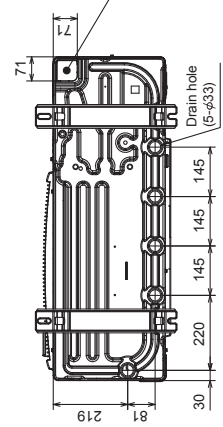
A.8.1.2 R410A type

1. PUHZ-SHW•HA PUHZ-SHW•KA

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



A	SHW-VHA	1,079
	SHW-YHA	930



1 FREE SPACE (Around the unit)
 The diagram below shows a basic example.
 Explanation of particular details is given in the installation manuals etc.

2 SERVICE SPACE
 Dimensions of space needed for service access are shown in the below diagram.

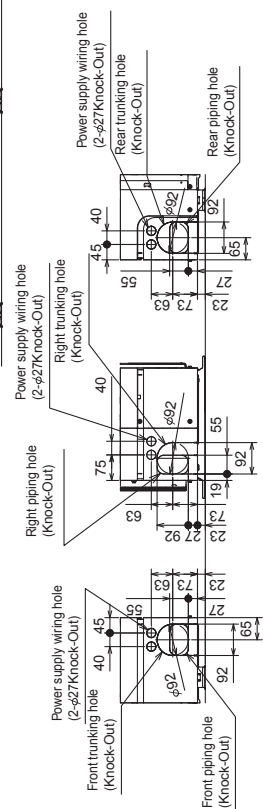
3 FOUNDATION BOLTS
 Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally).
 <Foundation bolt height>
 Less than 30

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)φ15.88(3/8 F)
 ②...Refrigerant LIQUID pipe connection (FLARE)φ 9.52(3/8 F)
 ※1 ...Indication of STOP VALVE connection location.
 Handle for moving

Piping Knock-Out Hole Details



2. PUHZ-ZRP•KA2(3),HA2

PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2

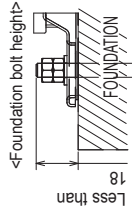
Unit : mm

PIPING-WIRING DIRECTION

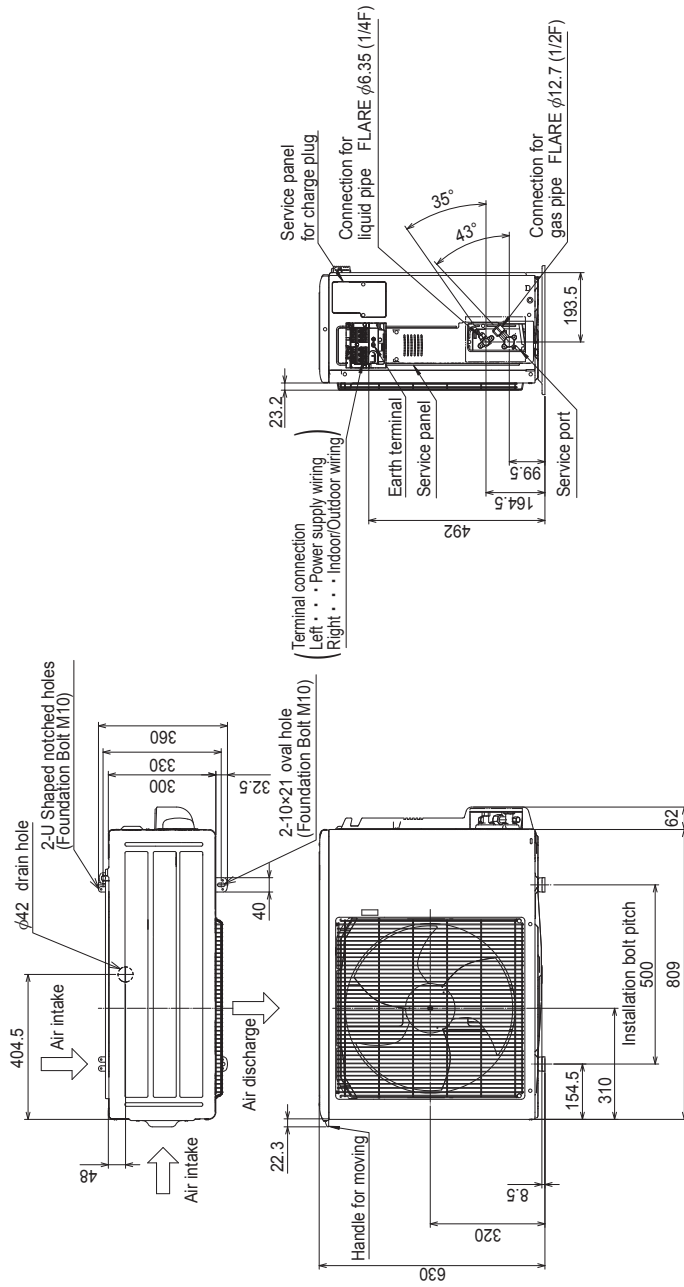
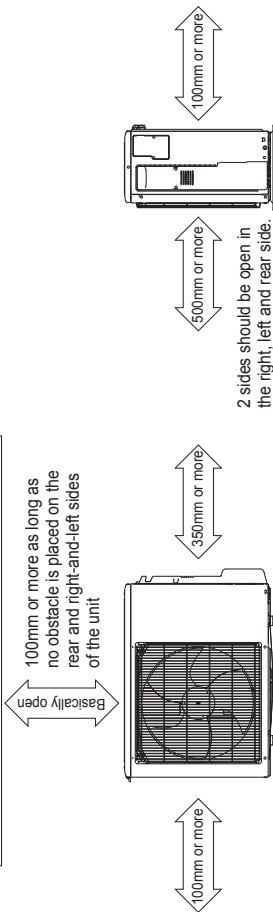
Piping and wiring connection can be made from the rear direction only.

FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts, washers and nut must be purchased locally).

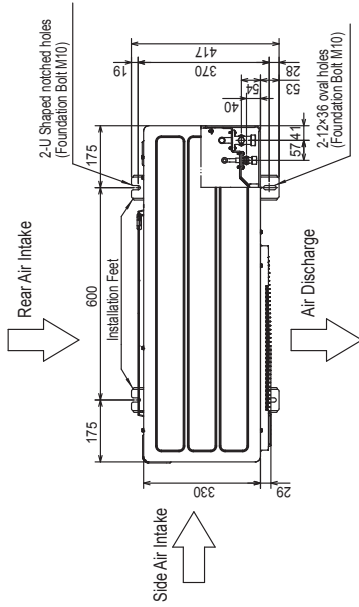


Free space around the outdoor unit (basic example)



PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

Unit : mm

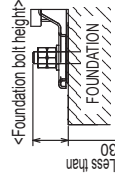


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

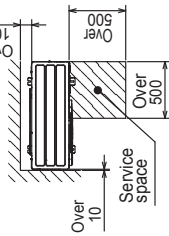
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)



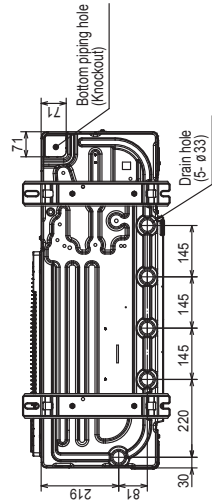
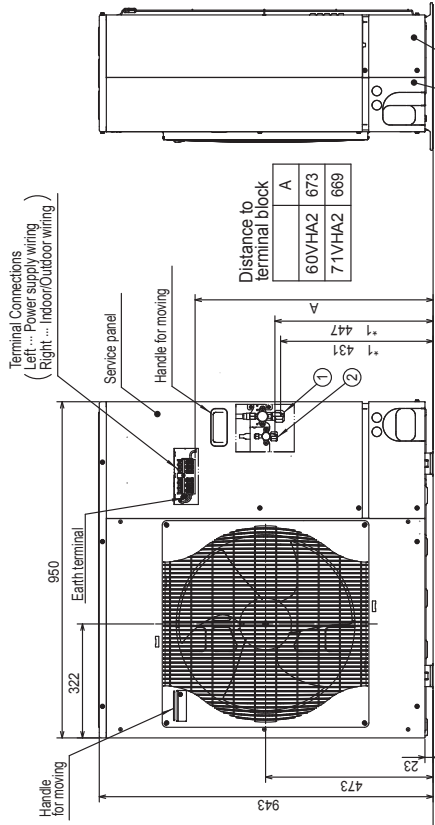
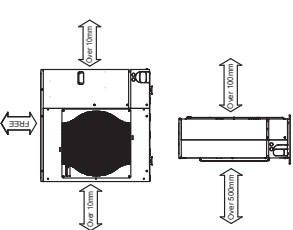
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

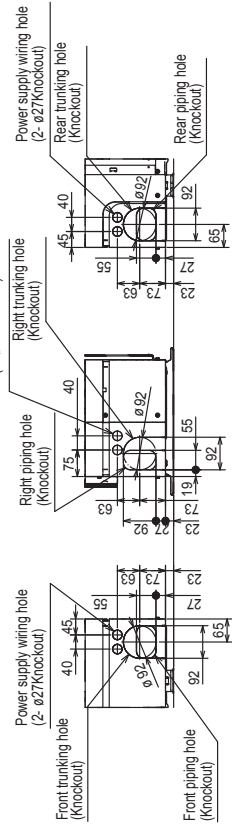
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.



Example of Notes

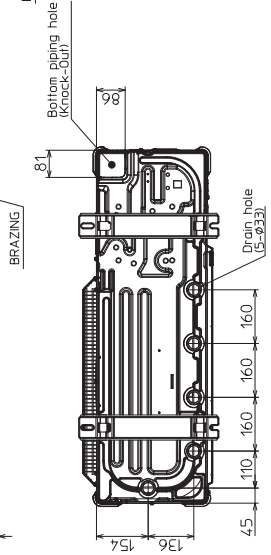
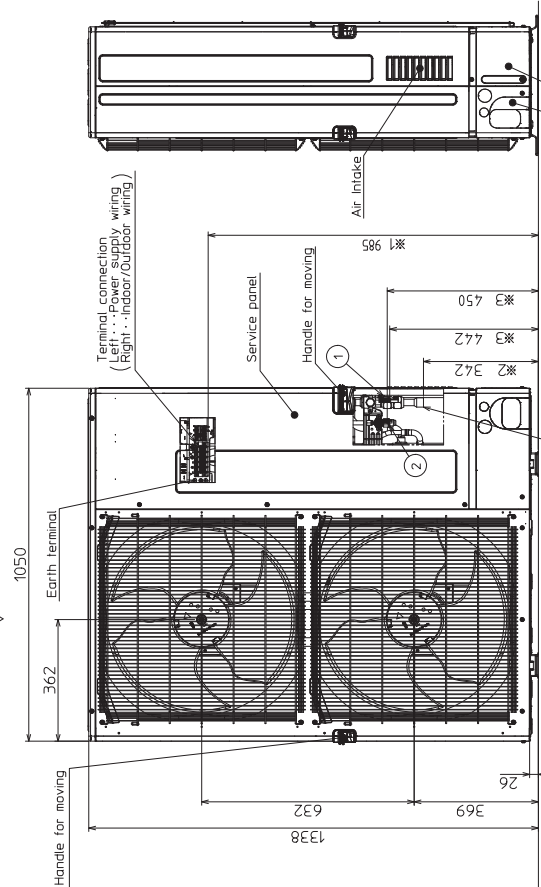
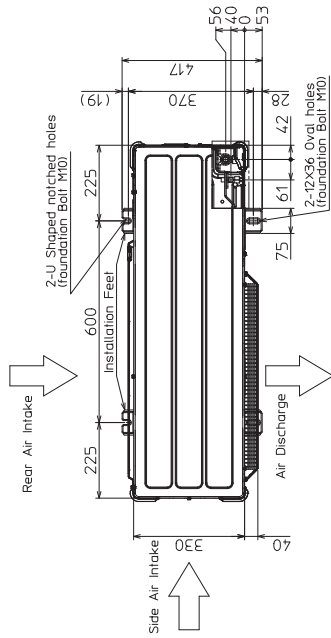
- ① ...Refrigerant GAS pipe connection (FLARE) φ15.88 (5/8F)
- ② ...Refrigerant LIQUID pipe connection (FLARE) φ8.52 (3/8F)
- *1 ... Indication of STOP VALVE connection location.

Piping Knockout Hole Details



Unit: mm

PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

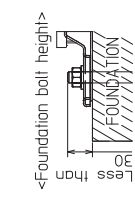


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

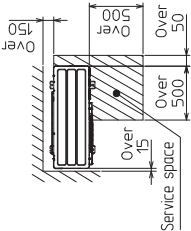
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)



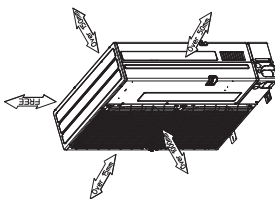
2 SERVICE SPACE

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.

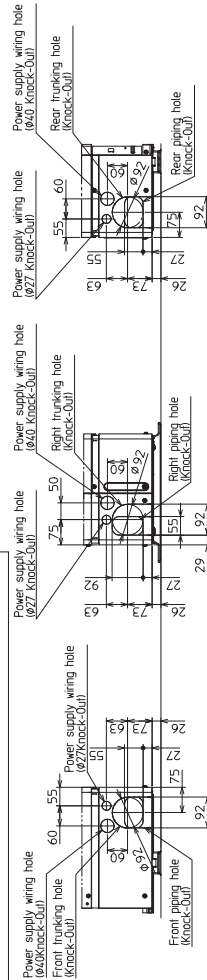


Example of Notes

Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-ZRP200YKA3	Ø19.05 (3/4F)	Ø9.52 (3/8F)
PUHZ-ZRP250YKA3	Ø19.05 (3/4F)	Ø12.7 (1/2F)

※...Indication of Terminal connection location.
※...Refrigerant GAS PIPE connection (BRAZING) Ø.0Ø25.4.
※...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details

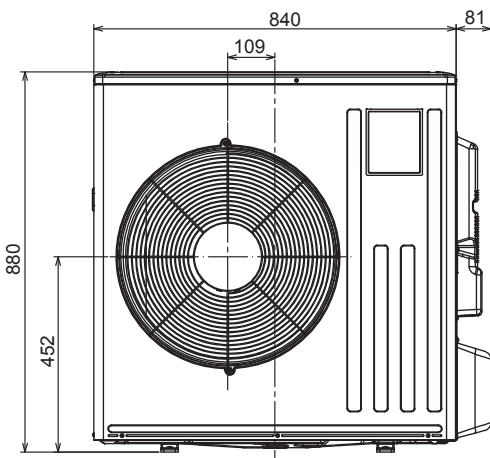
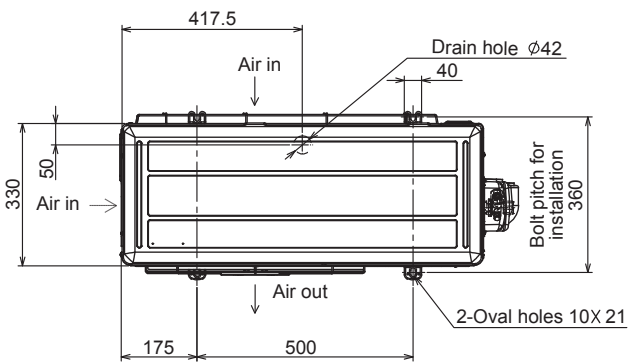


4. SUZ-SA•VA

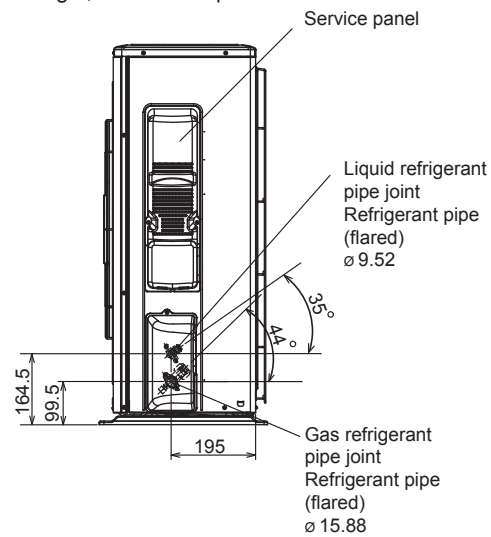
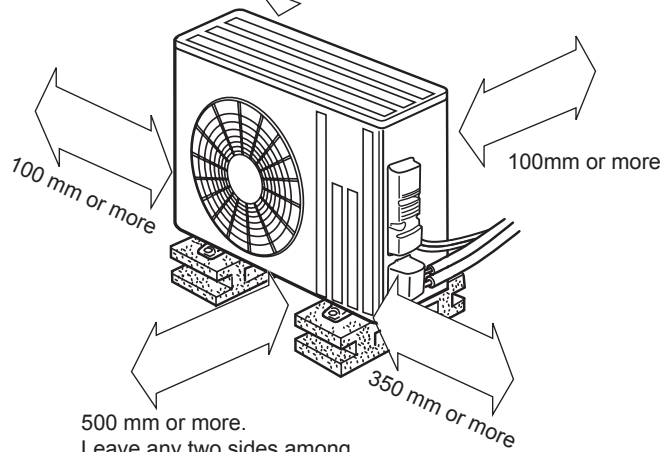
SUZ-SA71VA3
SUZ-SA100VA2

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.



A.8.2 WIRING DIAGRAM

A.8.2.1 R32 type

1. PUZ-ZM•HA PUZ-ZM•KA

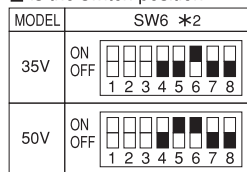
PUZ-ZM35VKA

PUZ-ZM50VKA

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)		
CNMNT	Connector (Connection for Option)		

*1. MODEL SELECT

■ is the switch position

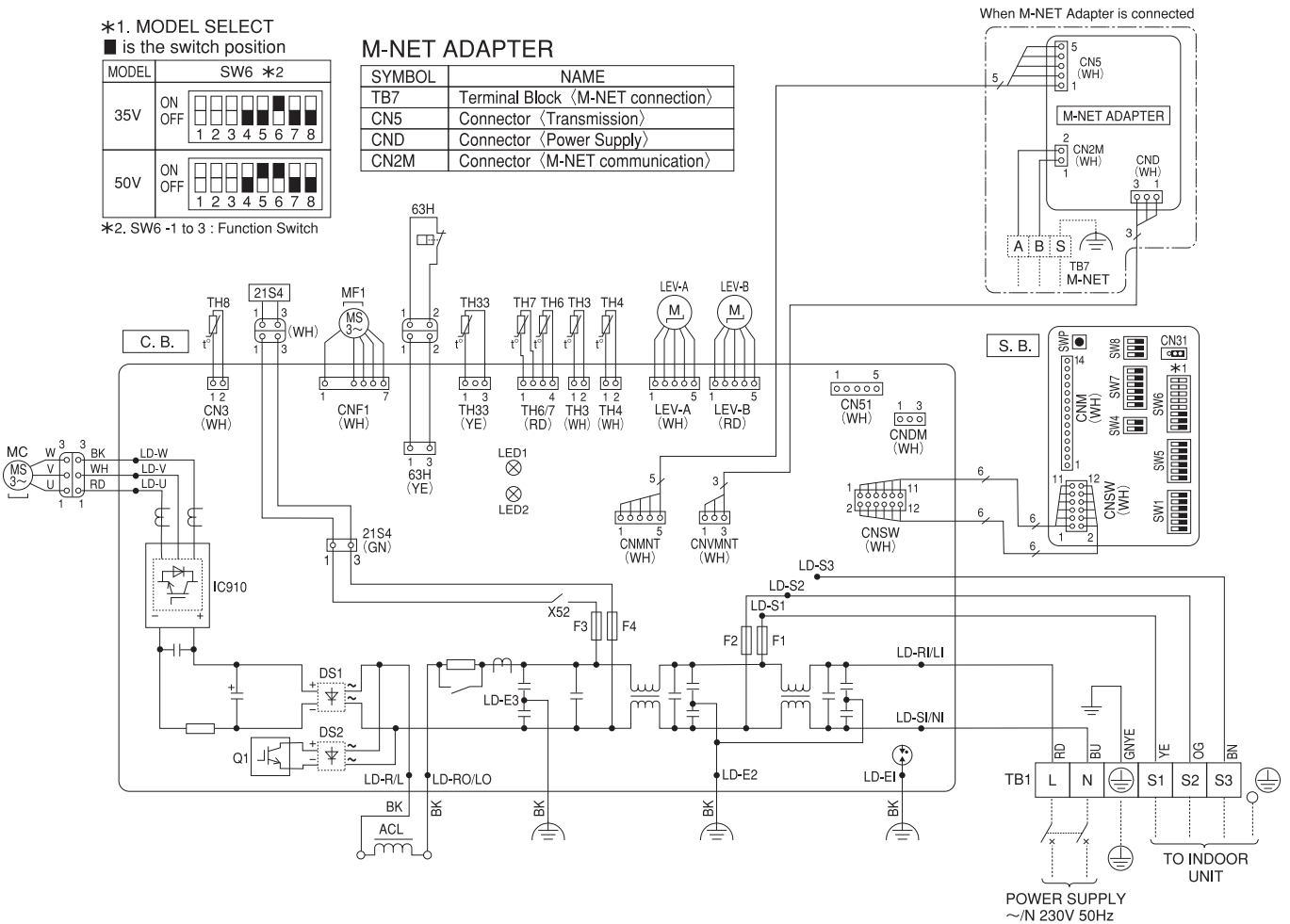


*2. SW6 -1 to 3 : Function Switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

When M-NET Adapter is connected

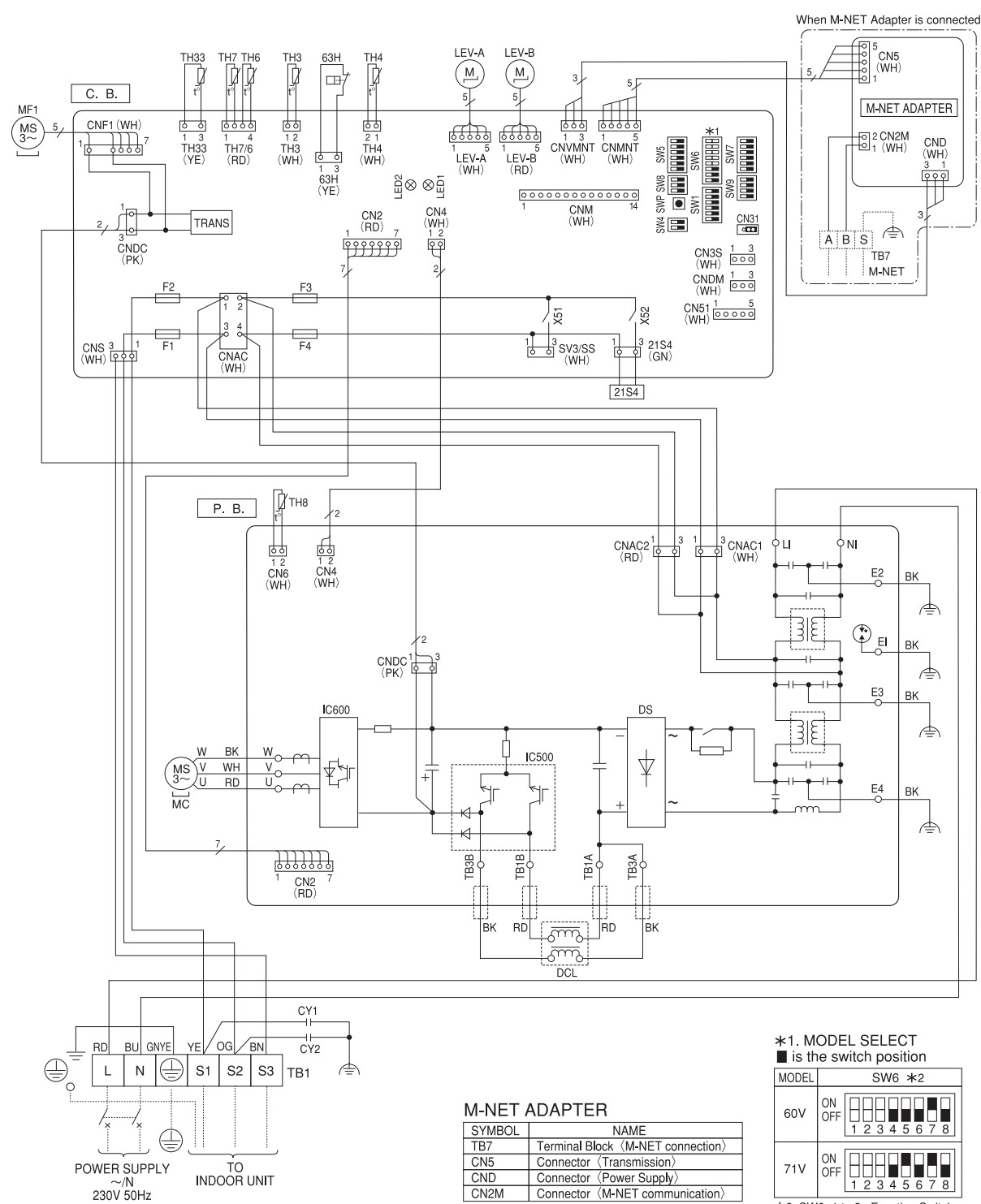


POWER SUPPLY
~N 230V 50Hz

PUZ-ZM60VHA
PUZ-ZM71VHA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	CY1, CY2	Capacitor	SW8	Switch (Function Switch)
MC	Motor for Compressor	DCL	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 (Model Select)	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



***1. MODEL SELECT**
■ is the switch position

MODEL	SW6 *2
60V	ON OFF 1 2 3 4 5 6 7 8
71V	ON OFF 1 2 3 4 5 6 7 8

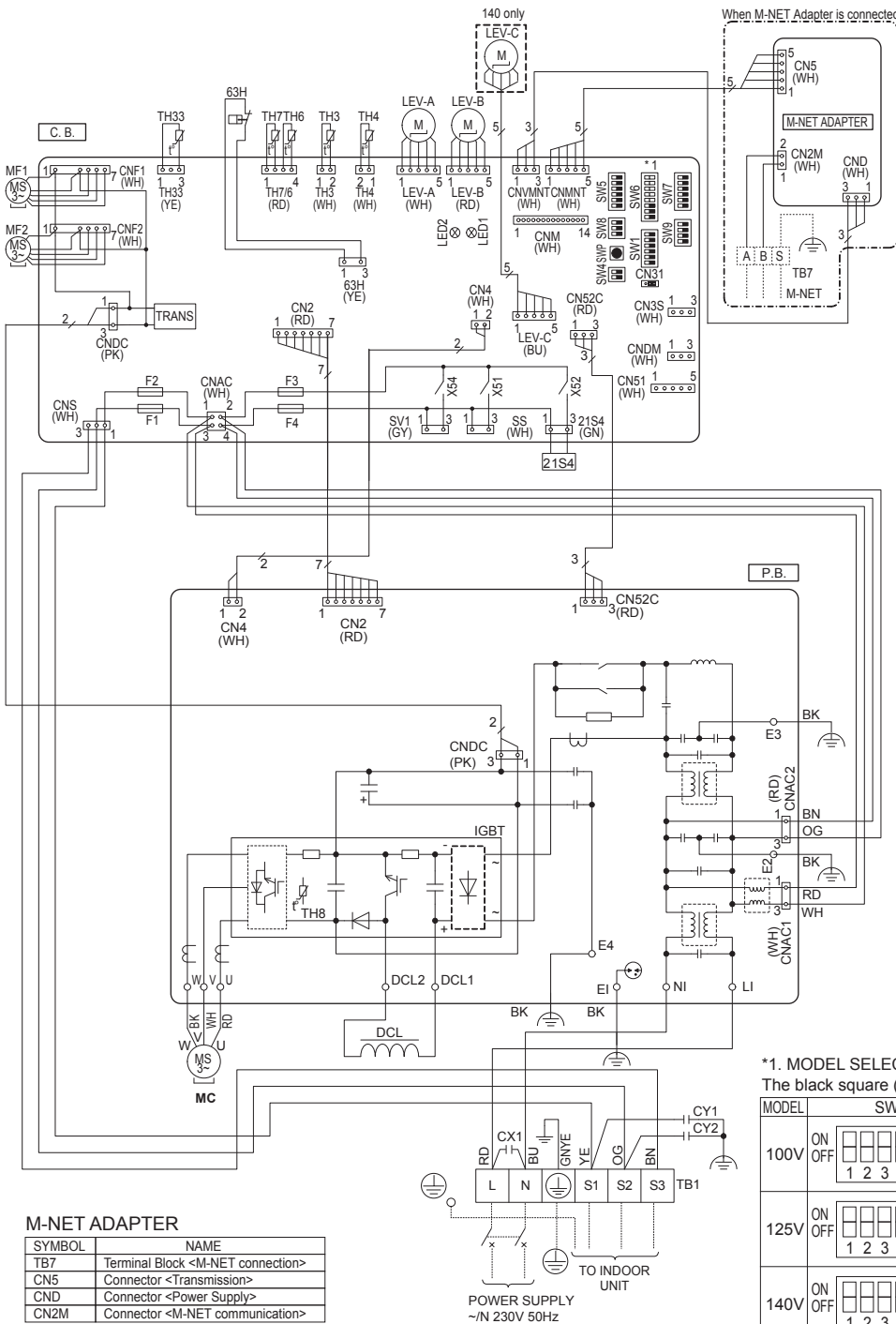
***2. SW6 -1 to 3 : Function Switch**

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

**PUZ-ZM100VKA
PUZ-ZM125VKA
PUZ-ZM140VKA**

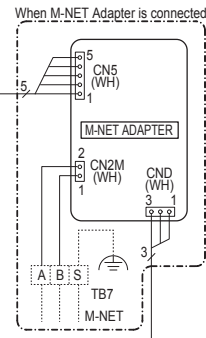
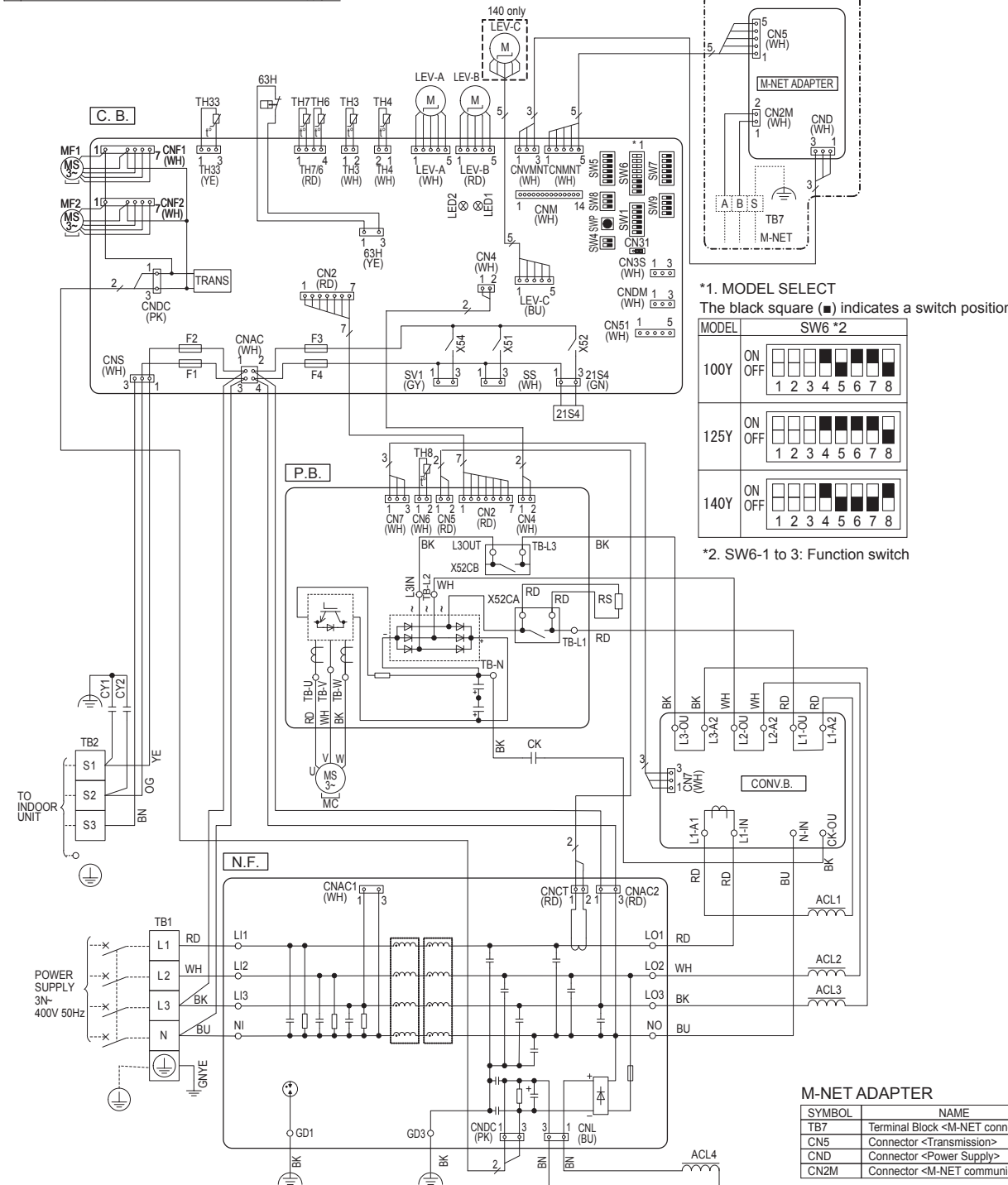
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P. B.	Power Circuit Board	SWP	Switch <Pump Down>
MC	Motor for Compressor	U/V/W	Connection Terminal <U/V/W-Phase>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	LI	Connection Terminal <L-Phase>	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	NI	Connection Terminal <N-Phase>	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	DCL1, DCL2	Connection Terminal <Reactor>	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	IGBT	Power Module	SV1	Connector <Connection for Option>
TH4	Thermistor <Discharge>	E1, E2, E3, E4	Connection Terminal <Ground>	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 <Connect to Optional M-NET Adapter Board>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW6	Switch <Function Switch>	F1, F2, F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW7	Switch <Function Switch>	X51, X52, X54	Relay
CY1, CY2	Capacitor	SW8	Switch <Function Switch>		
CX1	Capacitor	SW9	Switch <Function Switch>		



OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM100YKA
PUZ-ZM125YKA
PUZ-ZM140YKA

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/L12/L13/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SWP	Switch <Pump Down>
21S4	Solenoid Valve (4-Way Valve)	LO1/LO2/LO3/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	Connection Terminal <U/W/W-Phase>				
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>				



*1. MODEL SELECT
 The black square (■) indicates a switch position.

MODEL	ON	OFF
100Y	■ □ □ □ □ □ □ □	□ □ □ □ □ □ □ □
125Y	■ □ □ □ □ □ □ □	□ □ □ □ □ □ □ □
140Y	■ □ □ □ □ □ □ □	□ □ □ □ □ □ □ □

*2. SW6-1 to 3: Function switch

M-NET ADAPTER

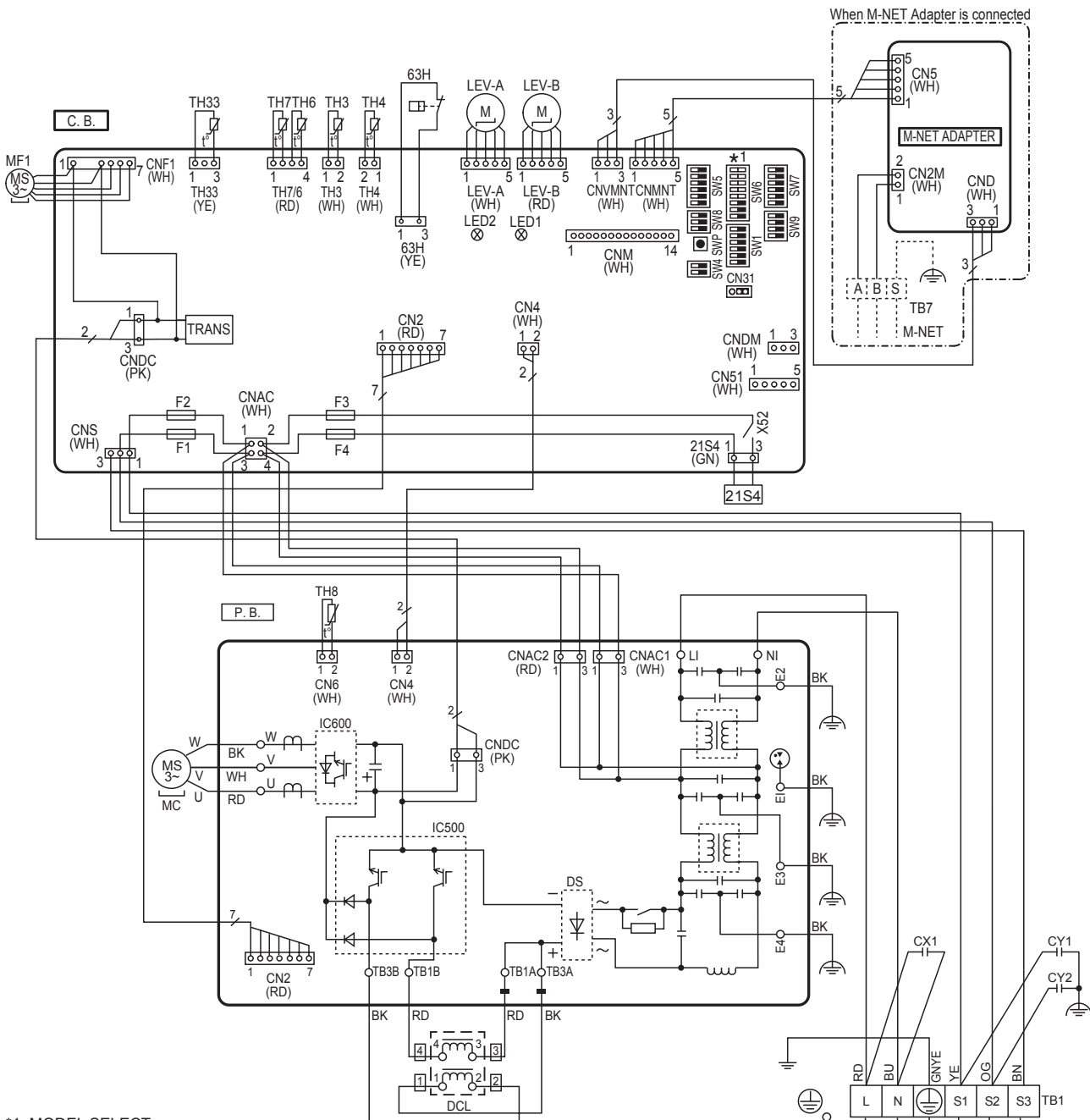
SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

OUTDOOR UNIT WIRING DIAGRAM

2. PUZ-M•KA

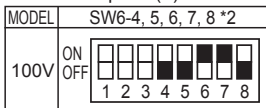
PUZ-M100VKA

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 <Function Select>
MF1	Fan Motor	DCL	Reactor	SW7	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
TH3	Thermistor <Liquid>	CX1	Capacitor	SW9	Switch <Function Switch>
TH4	Thermistor <Discharge>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	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

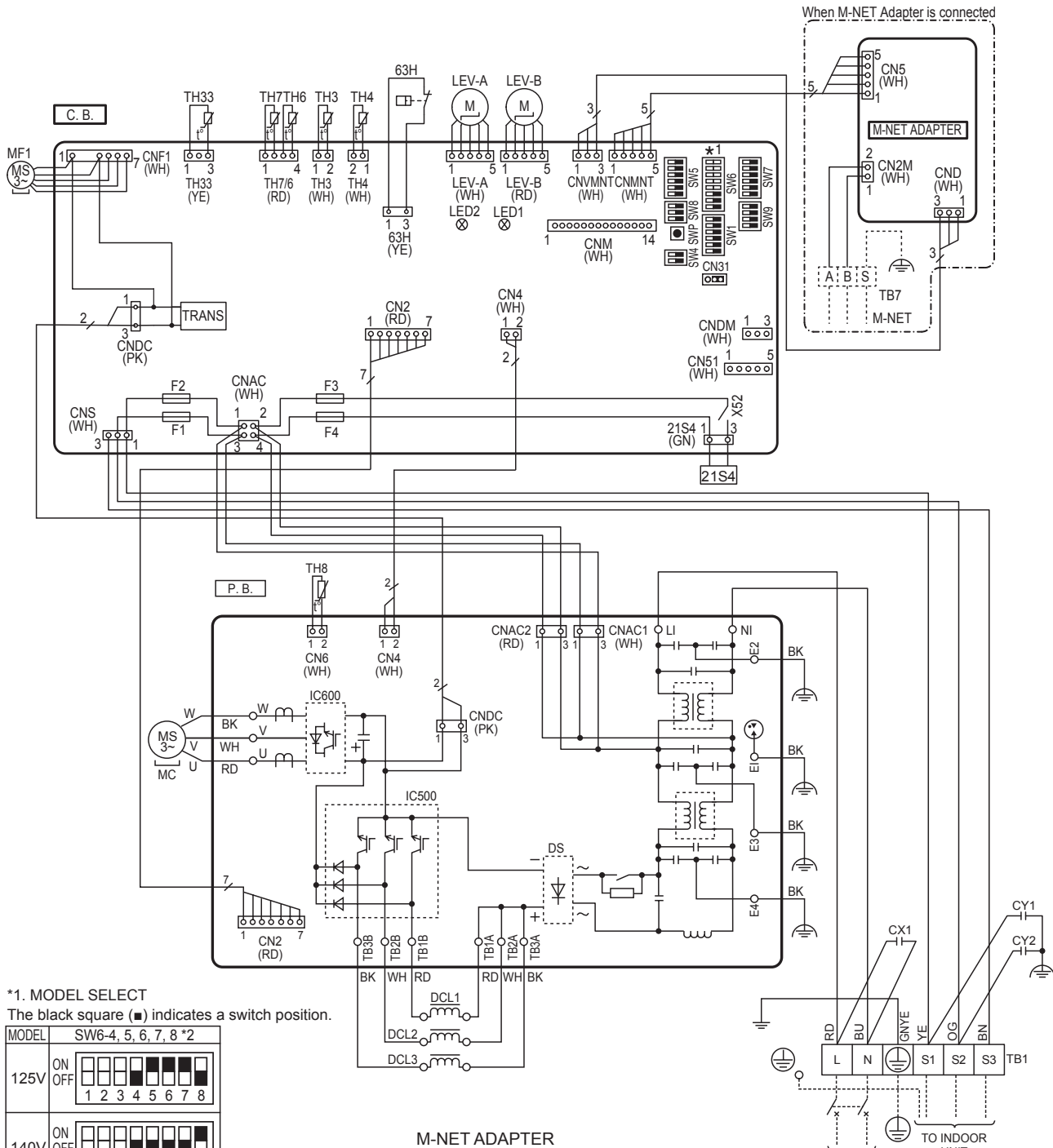
TO INDOOR UNIT

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

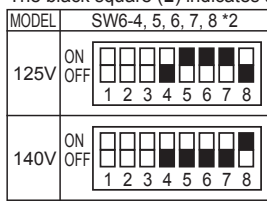
PUZ-M125VKA
PUZ-M140VKA

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



*1. MODEL SELECT
The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

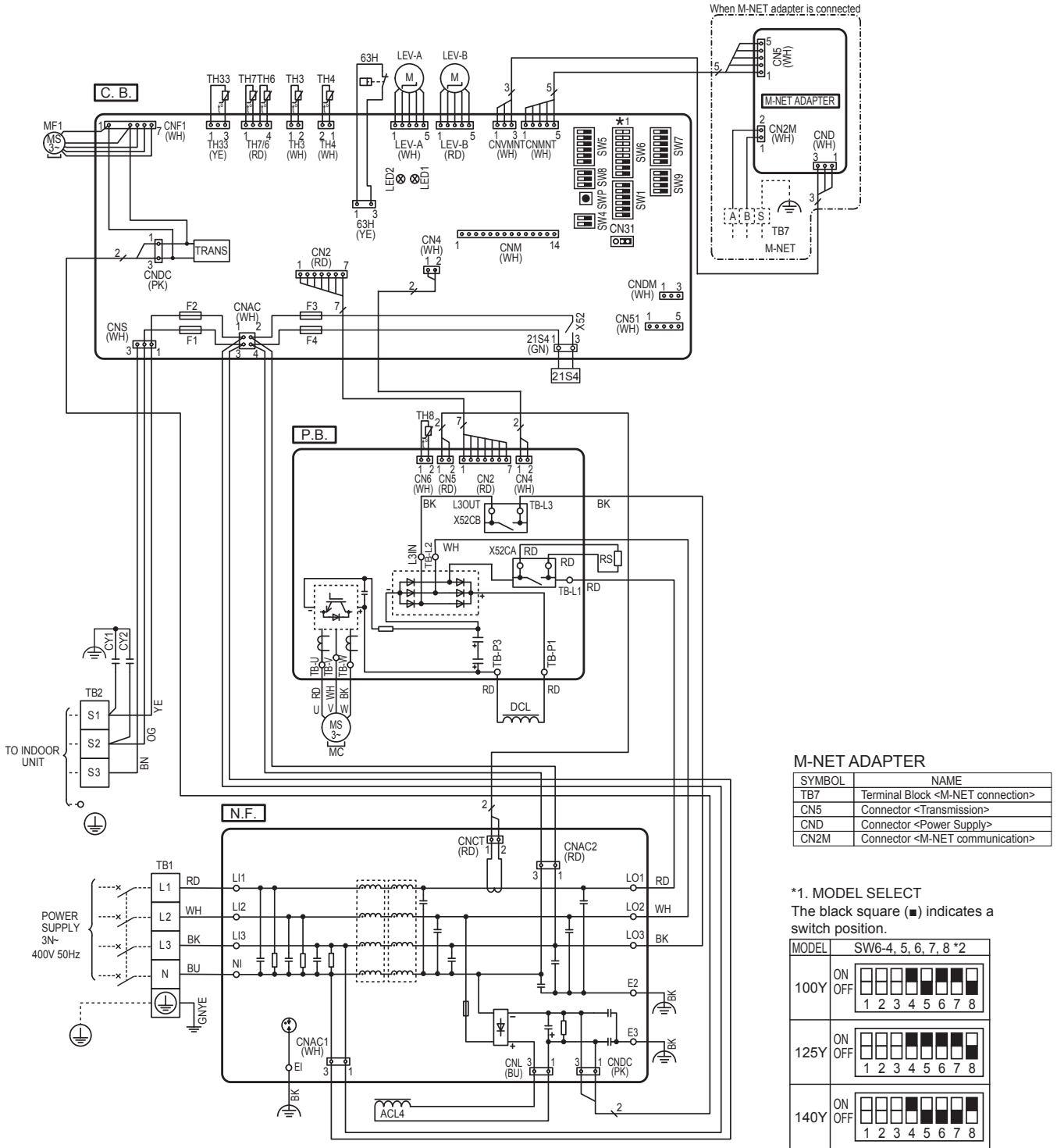
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

**PUZ-M100YKA
PUZ-M125YKA
PUZ-M140YKA**

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				



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.

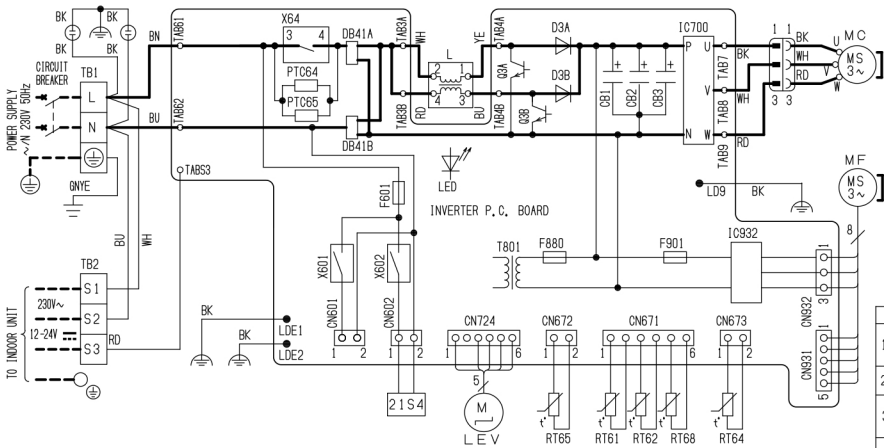
MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON OFF
125Y	ON OFF
140Y	ON OFF

*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.

3. SUZ-SM·VA

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).	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 Lit	Normal
	while compressor is not in operation, Flashing	Abnormality or stop due to protective function (refer to "Troubleshootings 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.

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	RT66	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3, 15A/250V)	PTC64, PTC65	CIRCUIT PROTECTION	TB1, TB2	TERMINAL BLOCK		
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR				

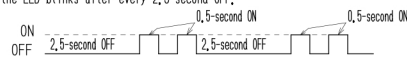
NOTES 1. About the Indoor side electric wiring, refer to the Indoor unit electric wiring diagram for servicing.
2. Use copper supply wires.
3. Symbols indicate, □: Terminal block ○: Connector

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
18 times	Abnormality in refrigerant system	1, Refer to SERVICE MANUAL

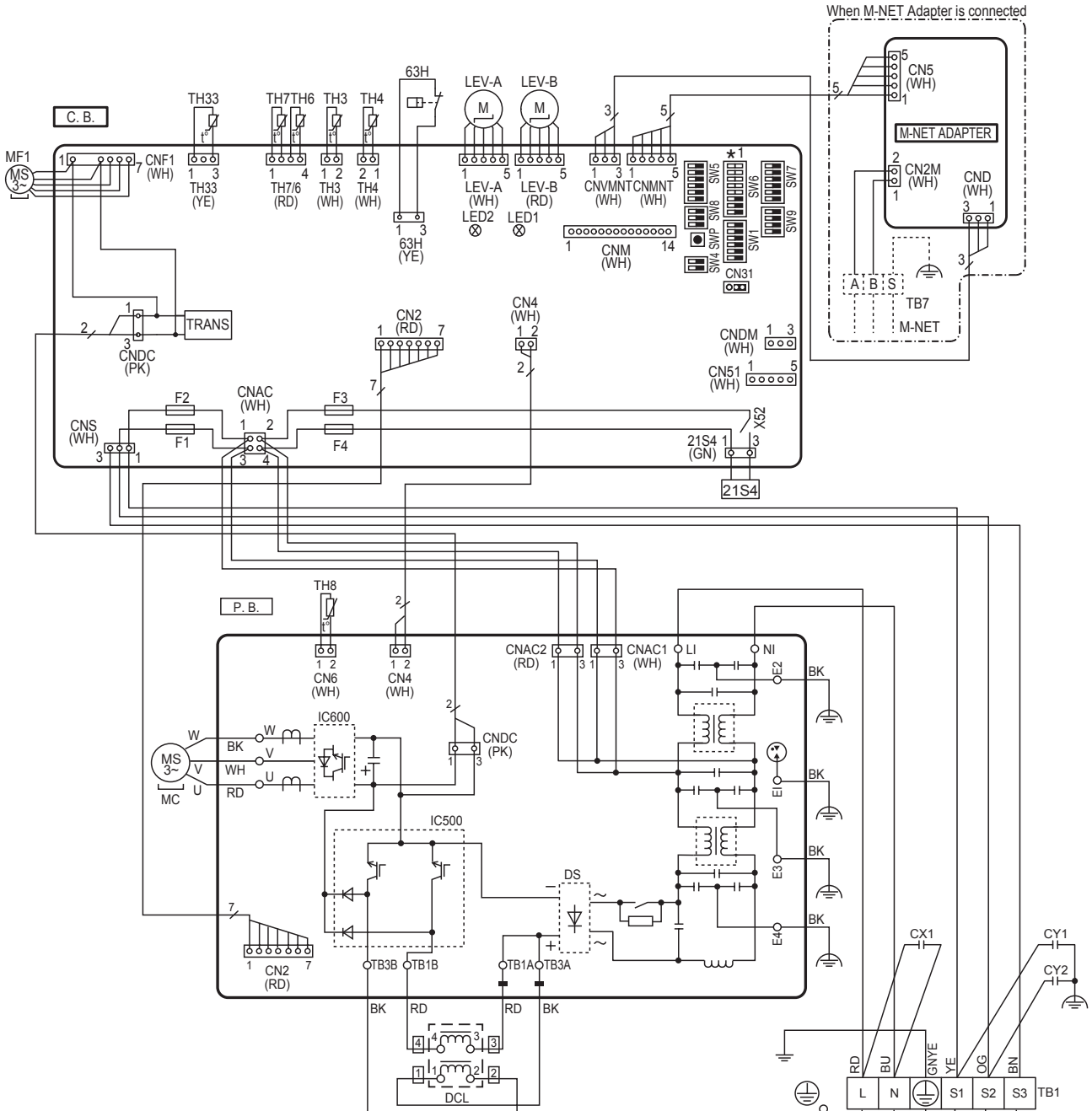
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
[Example] Blinking frequency is "Twice".



4. PUZ-SM•KA

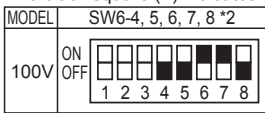
PUZ-SM100VKA

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>	CX1	Capacitor	SW9	Switch <Function Switch>
TH4	Thermistor <Discharge>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CN51	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	CNDM	Connector <Connection for Option>
				CNM	Connector <Connection for Option>
				X52	Relay



OUTDOOR UNIT
WIRING DIAGRAM

*1. MODEL SELECT
The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

M-NET ADAPTER

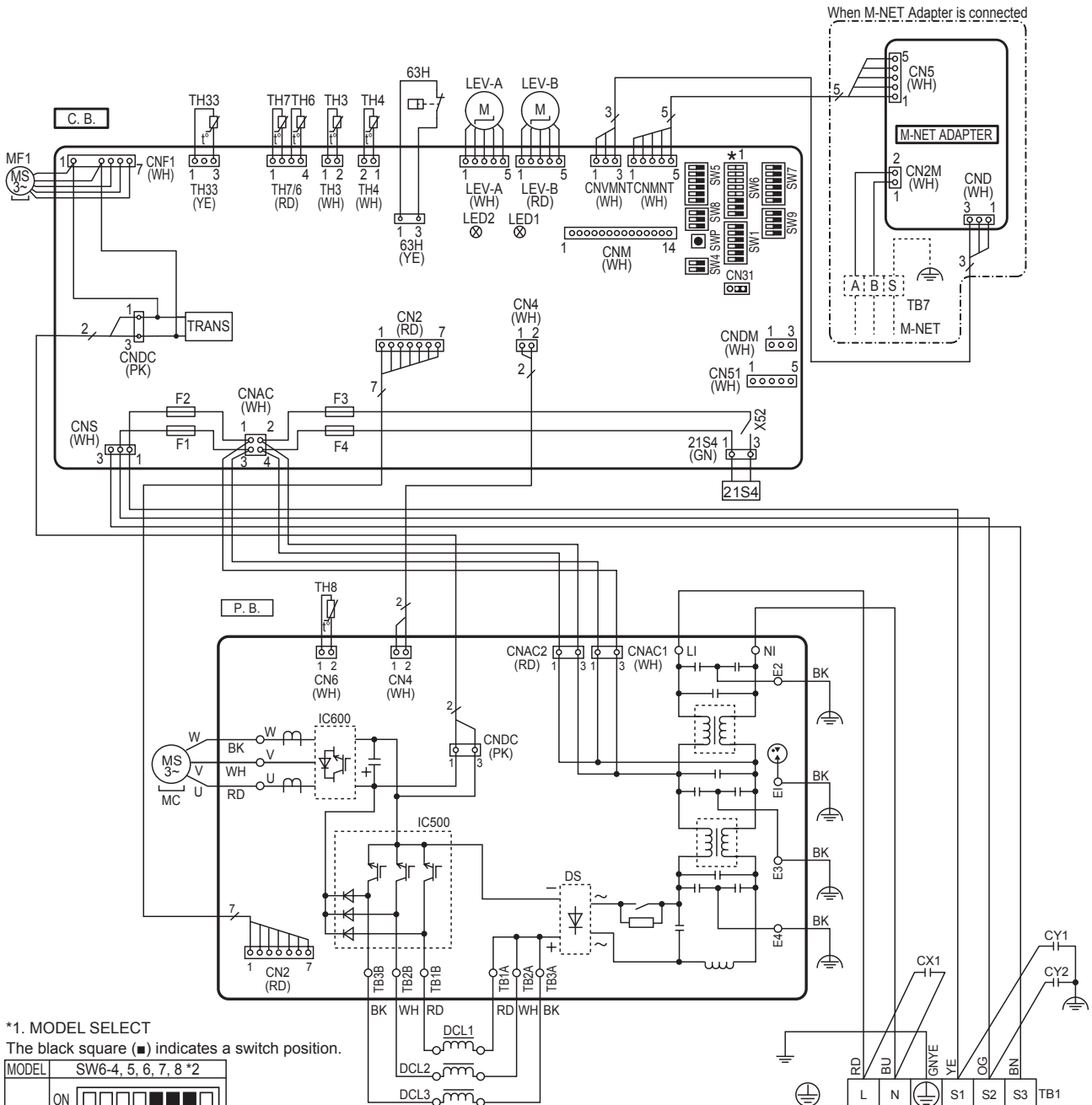
SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

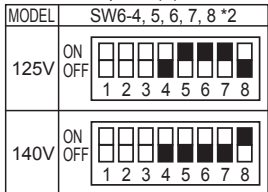
PUZ-SM125VKA
PUZ-SM140VKA

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



*1. MODEL SELECT
The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

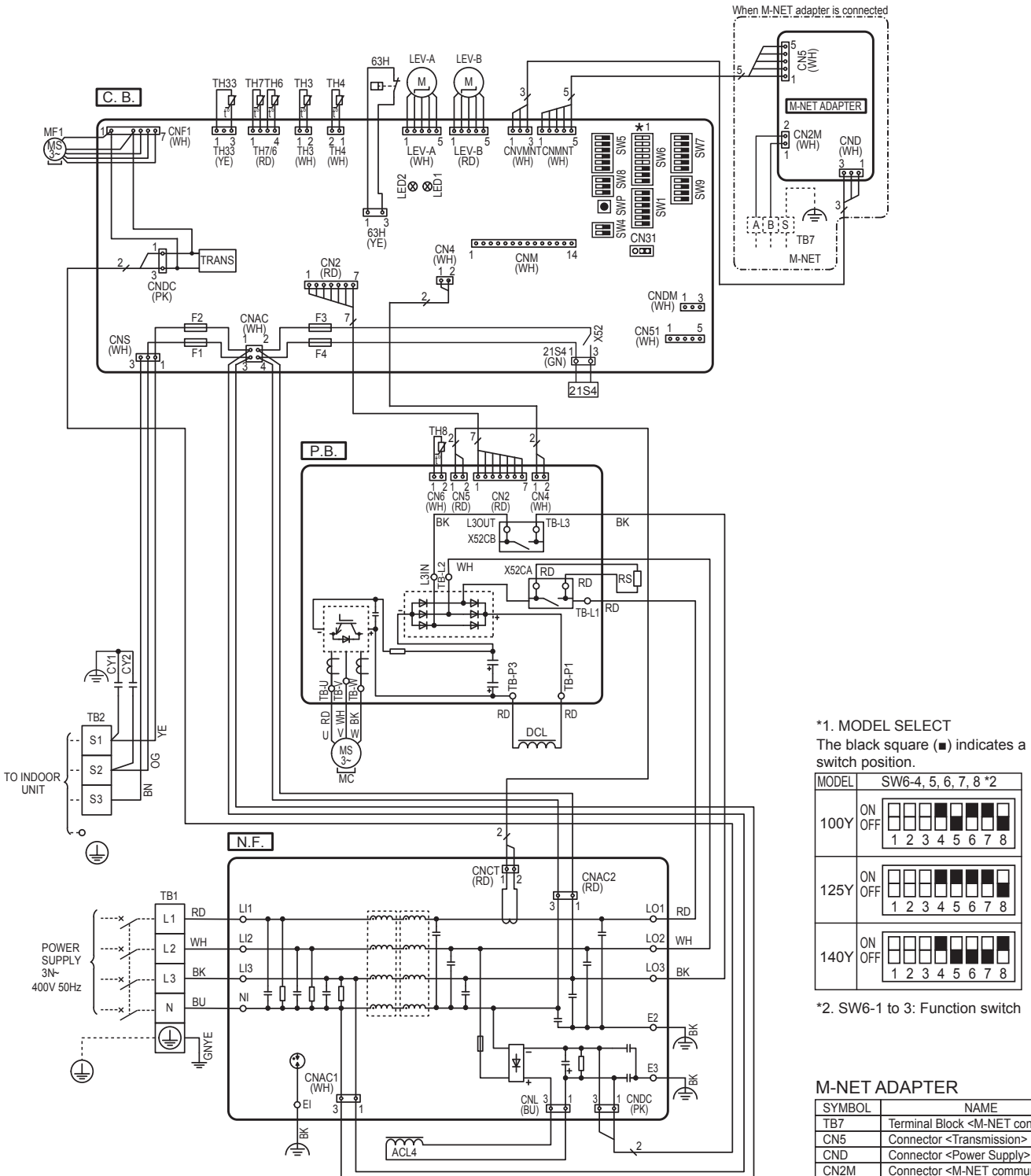
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-SM100YKA
PUZ-SM125YKA
PUZ-SM140YKA

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

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

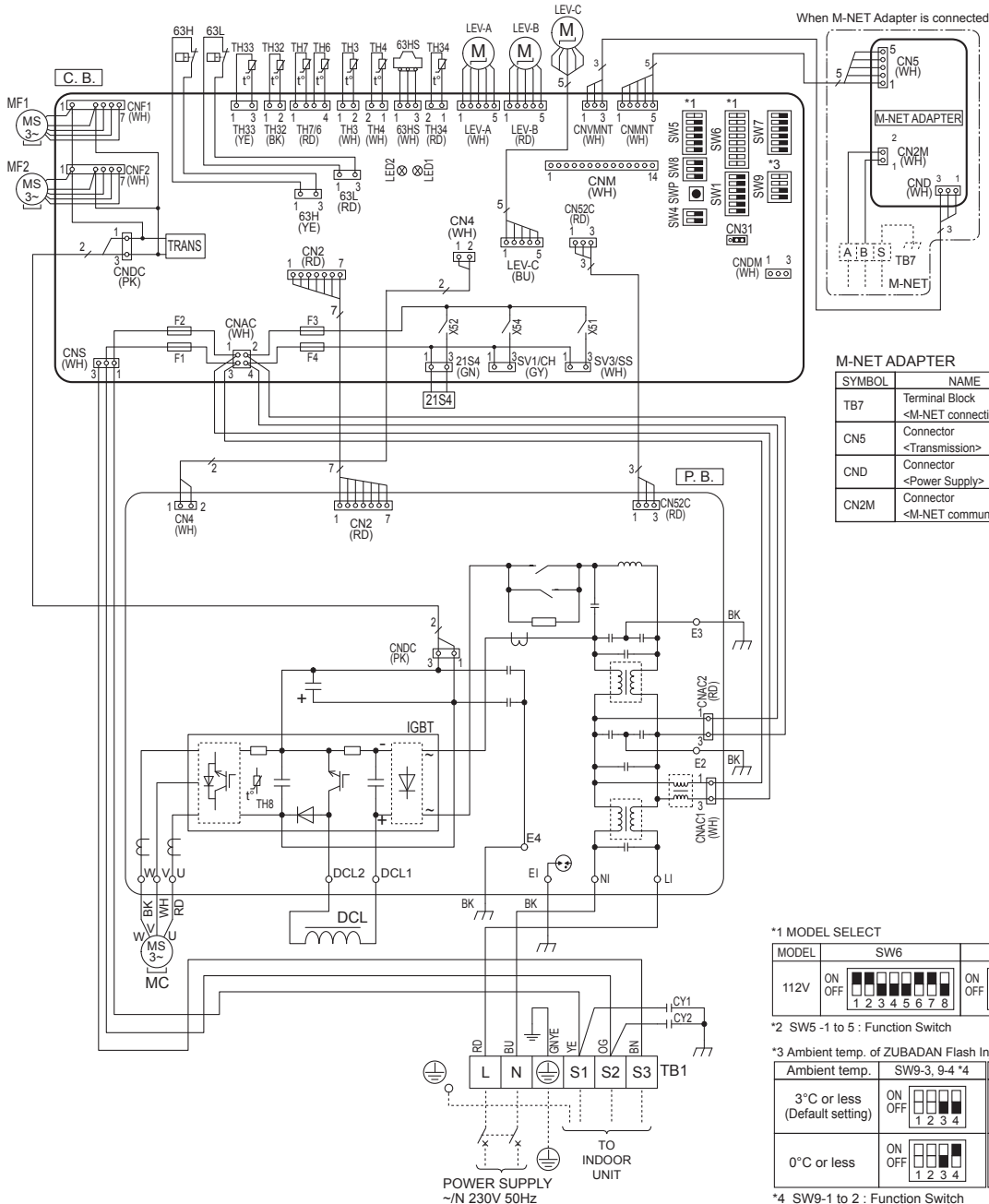
A.8.2.2 R410A type

1. PUHZ-SHW•HA PUHZ-SHW•KA

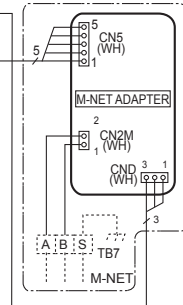
PUHZ-SHW112VHA(-BS)

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



When M-NET Adapter is connected



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**



*2 SW5 -1 to 5 : Function Switch

*3 Ambient temp. of ZUBADAN Flash Injection becomes effective.

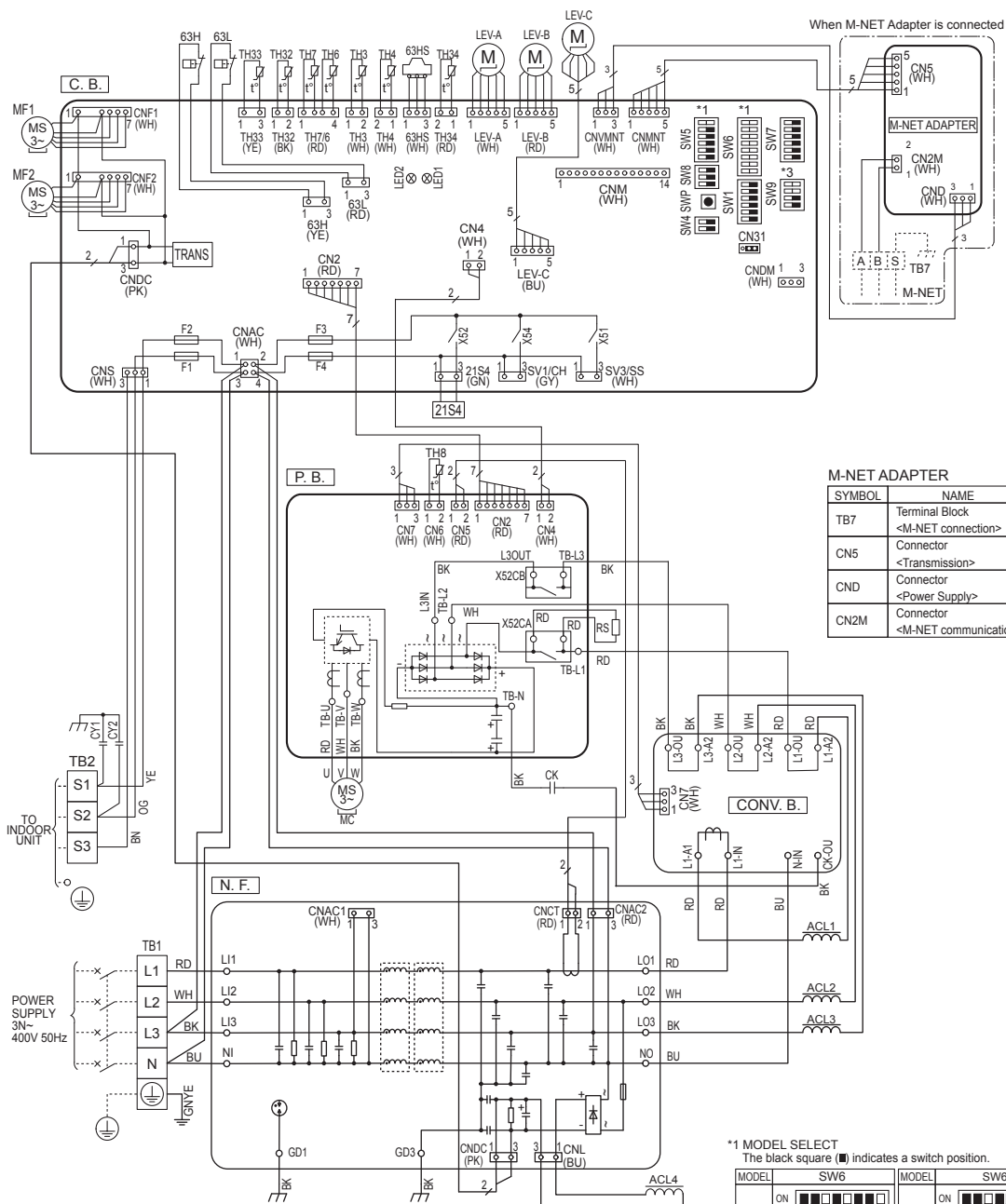
Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4
3°C or less (Default setting)	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	-3°C or less	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
0°C or less	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	-6°C or less	ON OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

*4 SW9-1 to 2 : Function Switch

The black square (■) indicates a switch position.

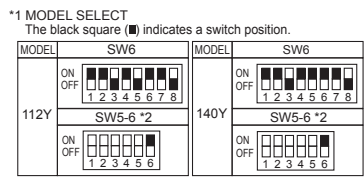
PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)

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
	ON OFF [] [] [] [] [] [] [] []		ON OFF [] [] [] [] [] [] [] []		ON OFF [] [] [] [] [] [] [] []		ON OFF [] [] [] [] [] [] [] []

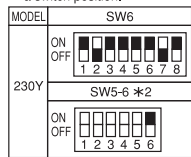
*4 SW9-1 to 2 : Function Switch

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-SHW230YKA2

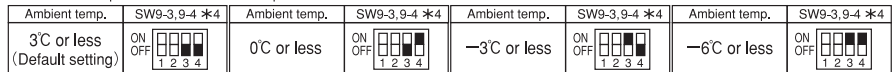
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply)	TH34	Thermistor (Comp. Surface)	SW5	Switch (Function Switch, Model Select)
TB2	Terminal Block (Indoor/Outdoor)	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW6	Switch (Model Select)
MC	Motor for Compressor	ACL4	Reactor	SW7	Switch (Function 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)

*1 MODEL SELECT
The black square (■) indicates a switch position.

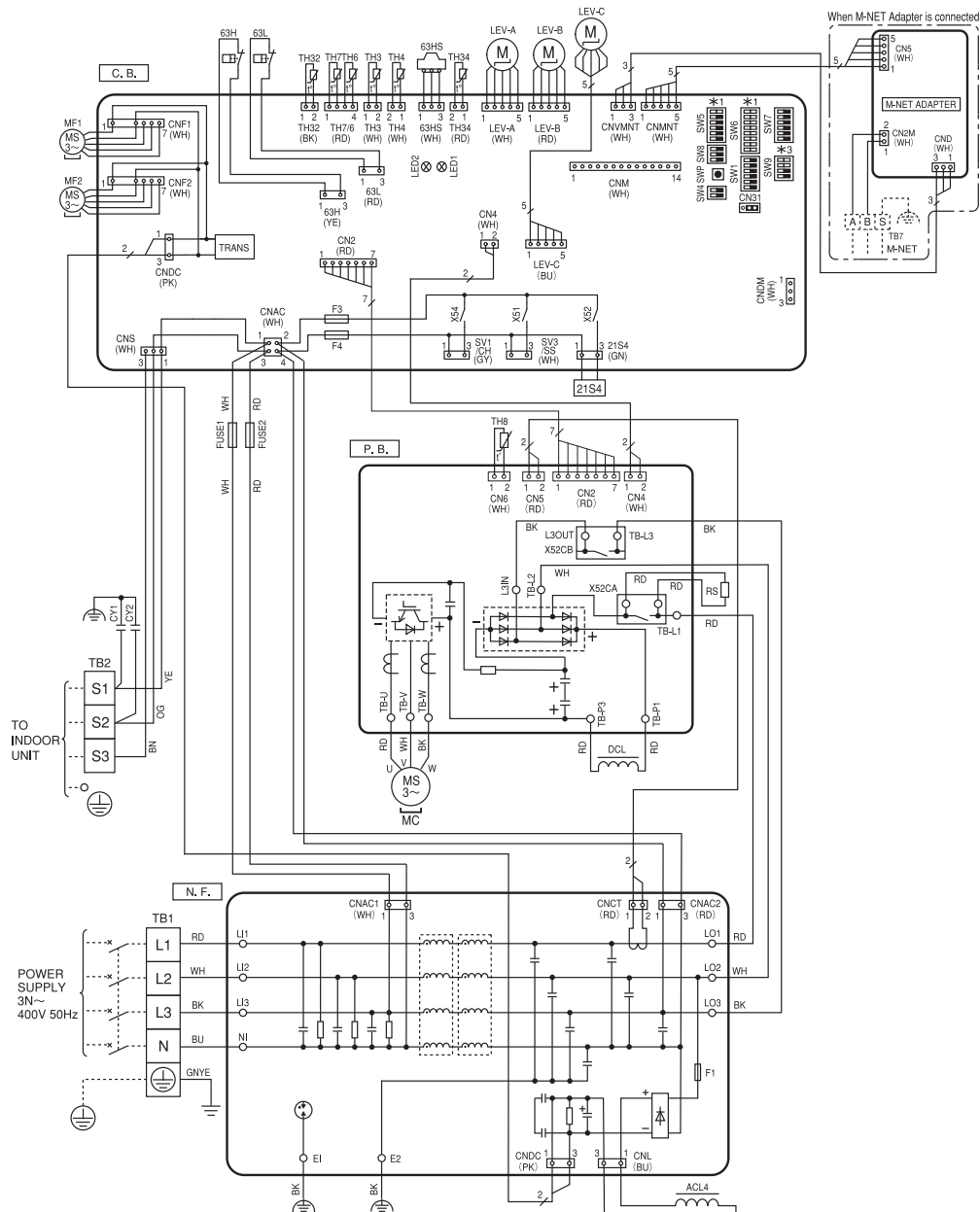


*2 SW5-1 to 5 : Function Switch.

*3 Ambient temp. of ZUBADAN Flash Injection becomes effective.
The black square (■) indicates a switch position.



*4 SW9-1 to 2 : Function Switch



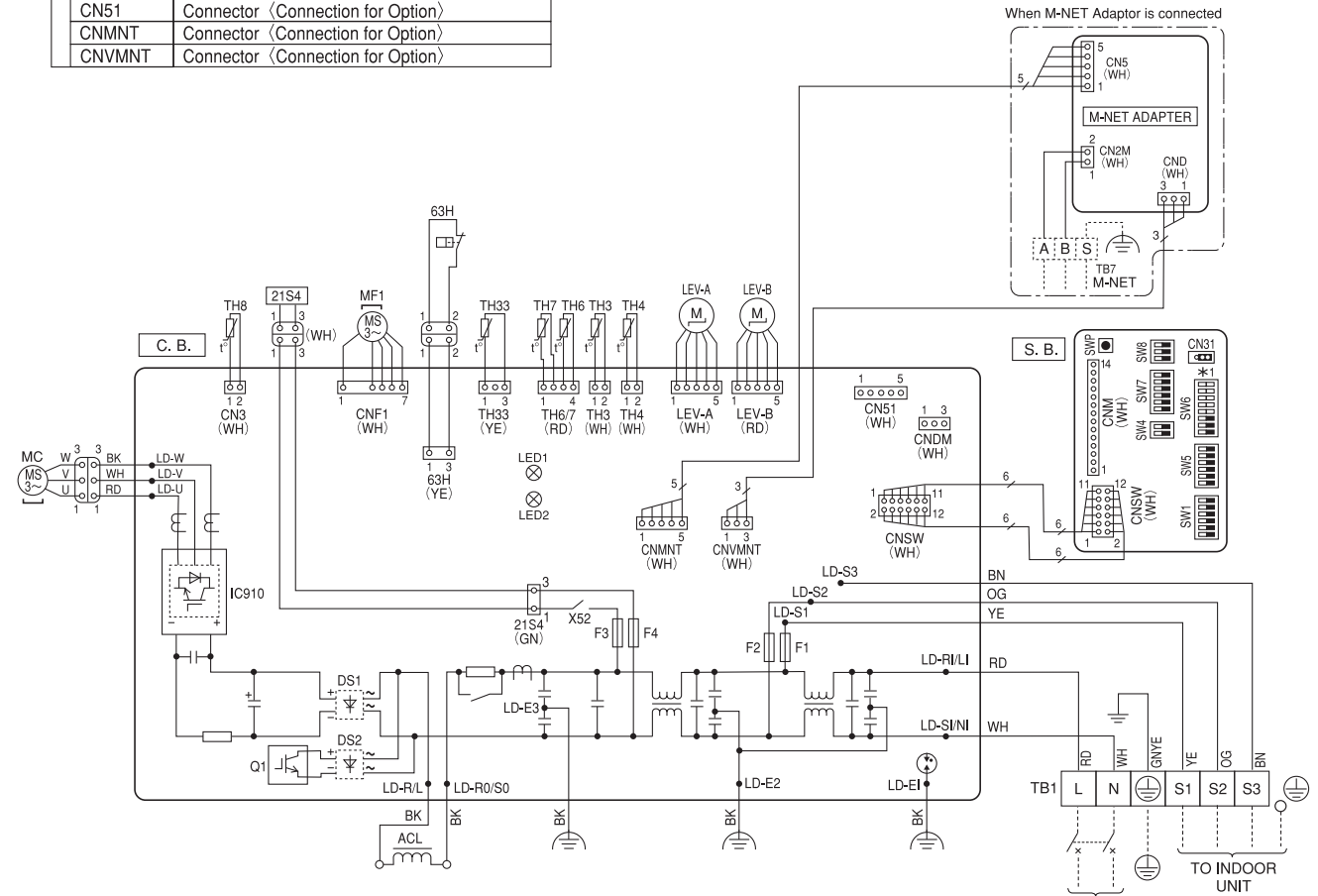
OUTDOOR UNIT WIRING DIAGRAM

2. PUAZ-ZRP•HA2, KA2(3)

PUAZ-ZRP35VKA2

PUAZ-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)		
CNMNT	Connector (Connection for Option)		



*1. MODEL SELECT
 ■ is the switch position

MODEL	SW6 *2
35V	ON OFF [][][][][][][][] 1 2 3 4 5 6 7 8
50V	ON OFF [][][][][][][][] 1 2 3 4 5 6 7 8

*2. SW6 -1 to 3 : Function Switch

M-NET ADAPTER

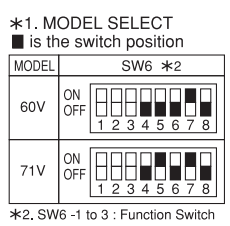
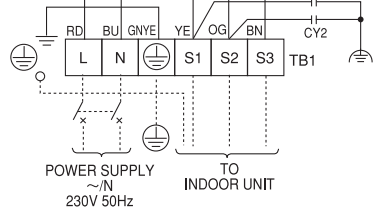
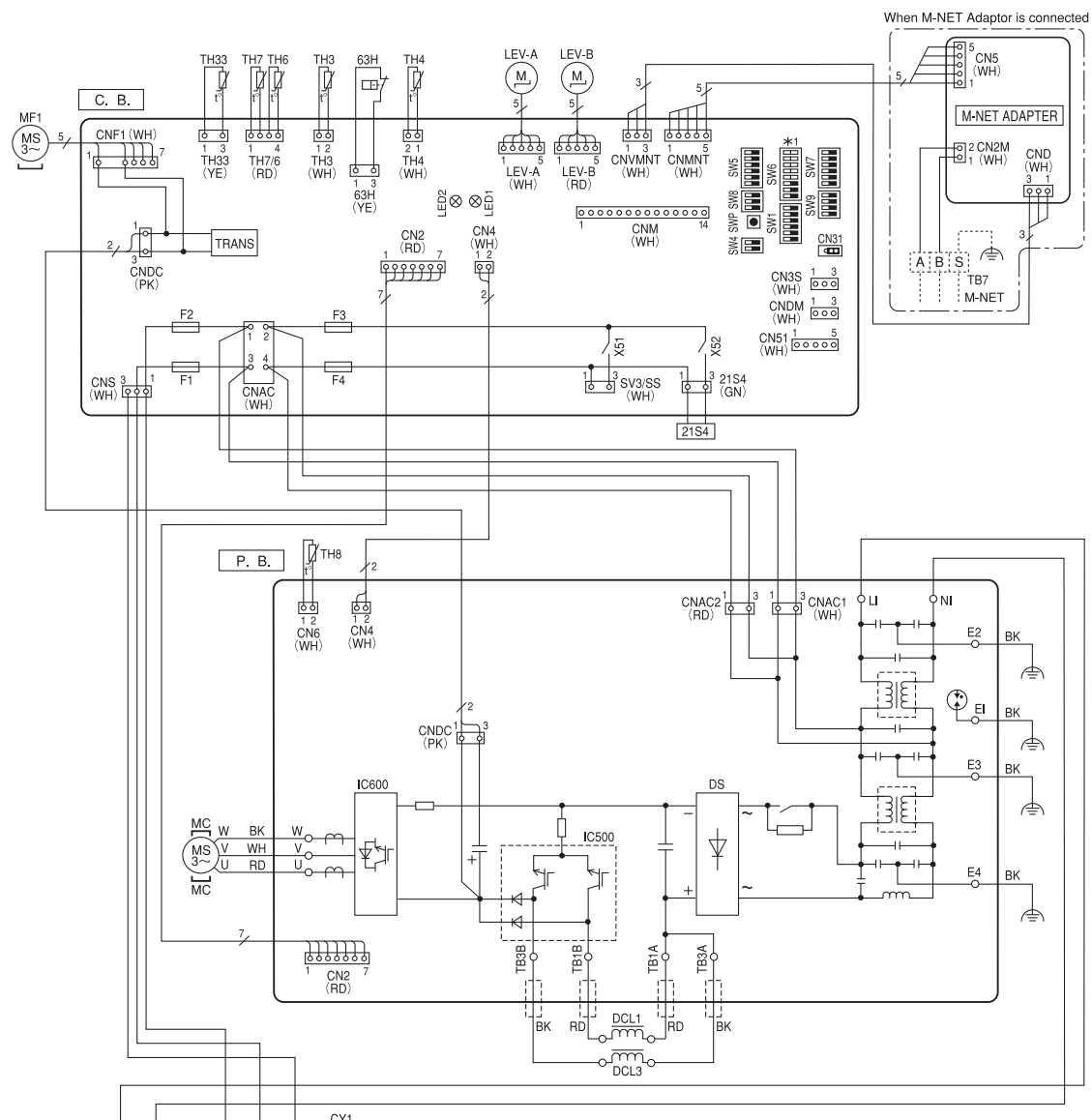
SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

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 (Model Select)	CN35	Connector (Connection for Option)
TH33	Thermistor (Comp. Surface)	SW7	Switch (Function Switch)	LED1, LED2	LED
LEV-A, LEV-B	Linear Expansion Valve			X51, X52	Relay

OUTDOOR UNIT WIRING DIAGRAM

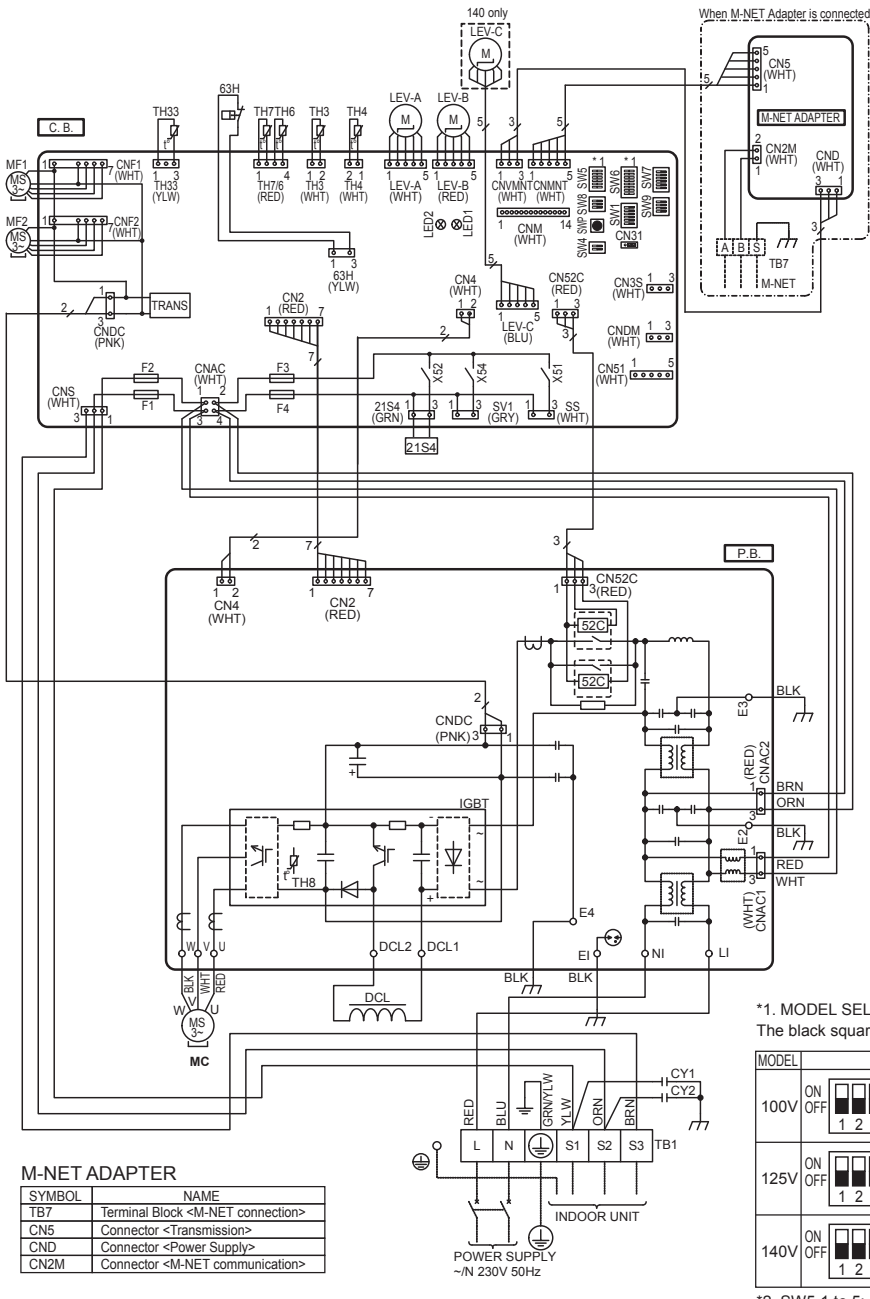


M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

**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	EI, 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>	CNMNT	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>		

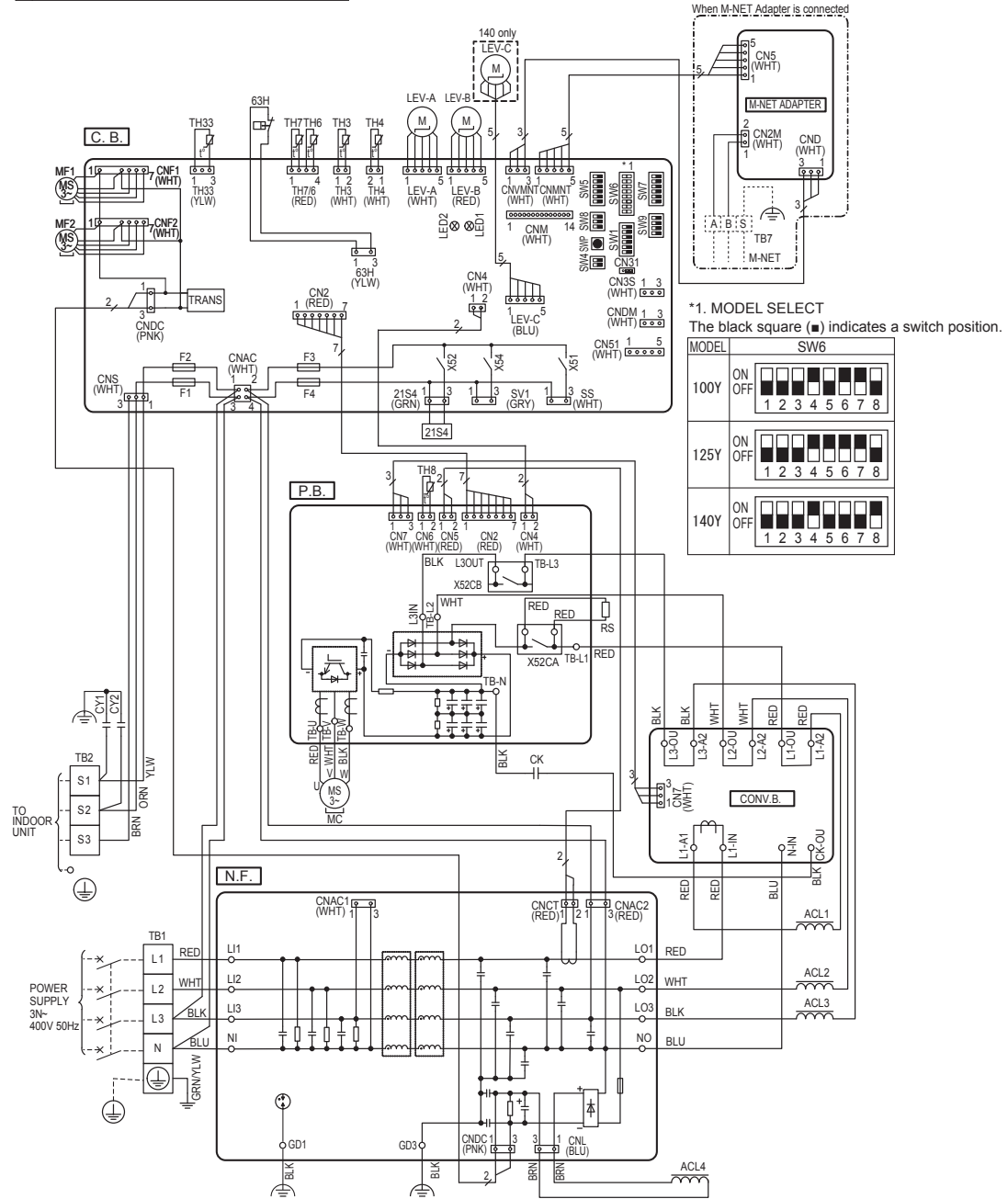


OUTDOOR UNIT WIRING DIAGRAM

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	CNVMT	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/V/W	Connection Terminal <U/V/W-Phase>				
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>				

OUTDOOR UNIT WIRING DIAGRAM



***1. MODEL SELECT**
 The black square (■) indicates a switch position.

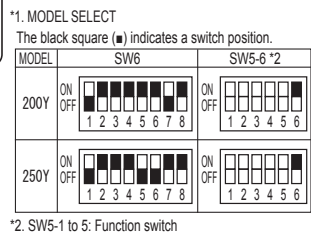
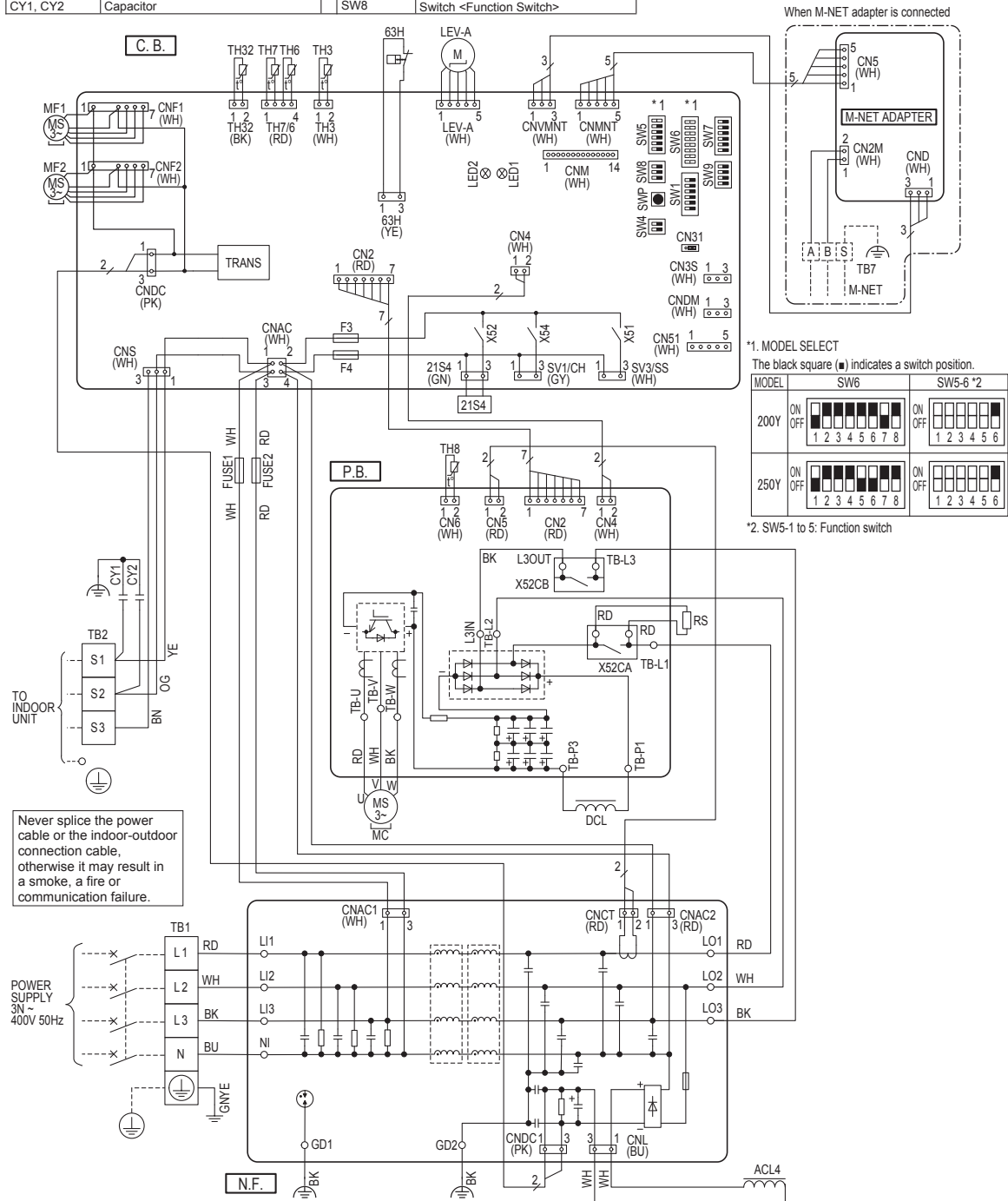
MODEL	SW6
100Y	ON OFF [Switch positions: 1, 2, 3, 4, 5, 6, 7, 8]
125Y	ON OFF [Switch positions: 1, 2, 3, 4, 5, 6, 7, 8]
140Y	ON OFF [Switch positions: 1, 2, 3, 4, 5, 6, 7, 8]

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

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/L02/L03	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>	CNMVMT	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				



Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

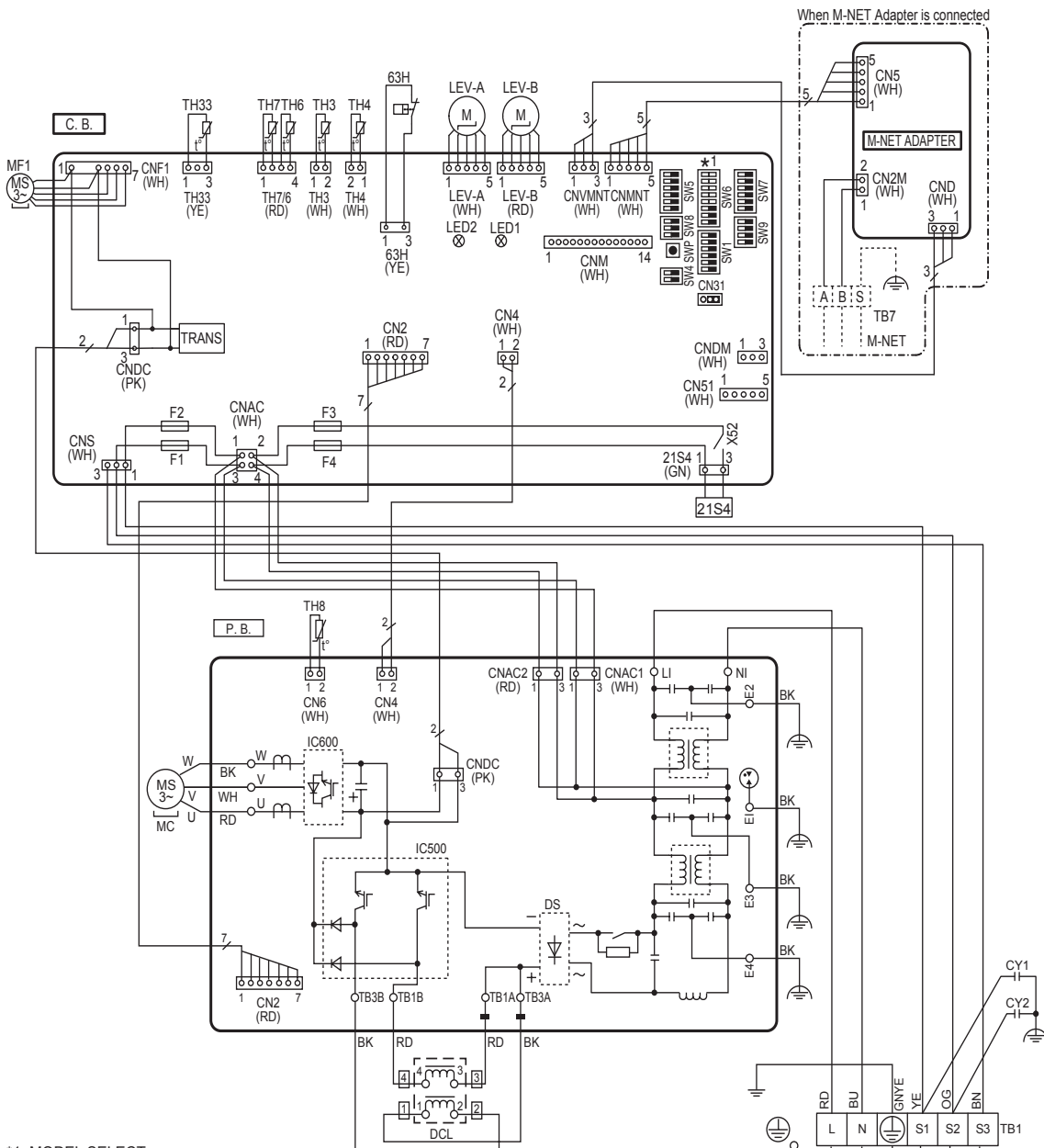
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

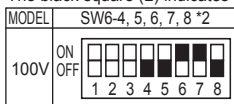
OUTDOOR UNIT WIRING DIAGRAM

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

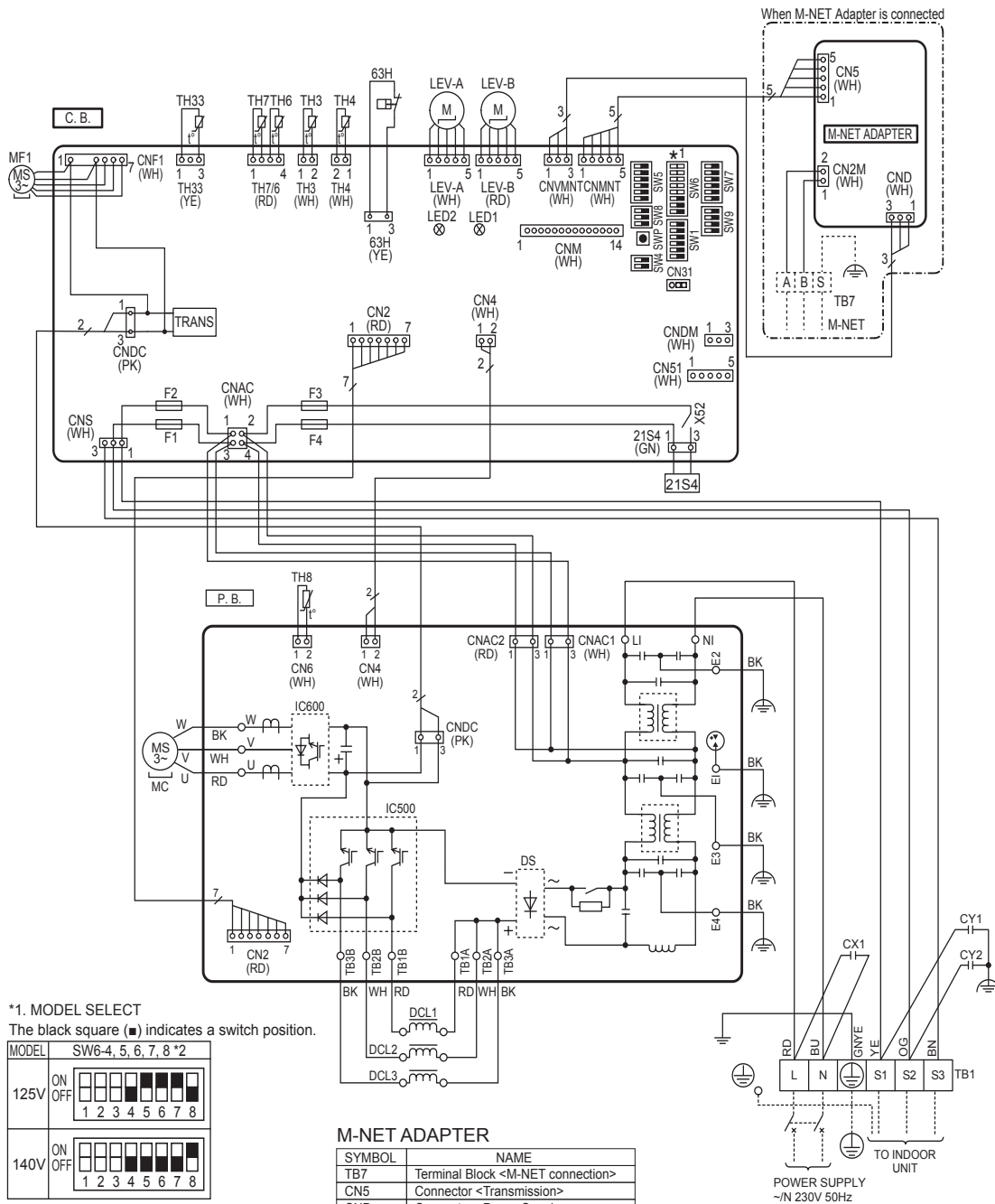
SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

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				



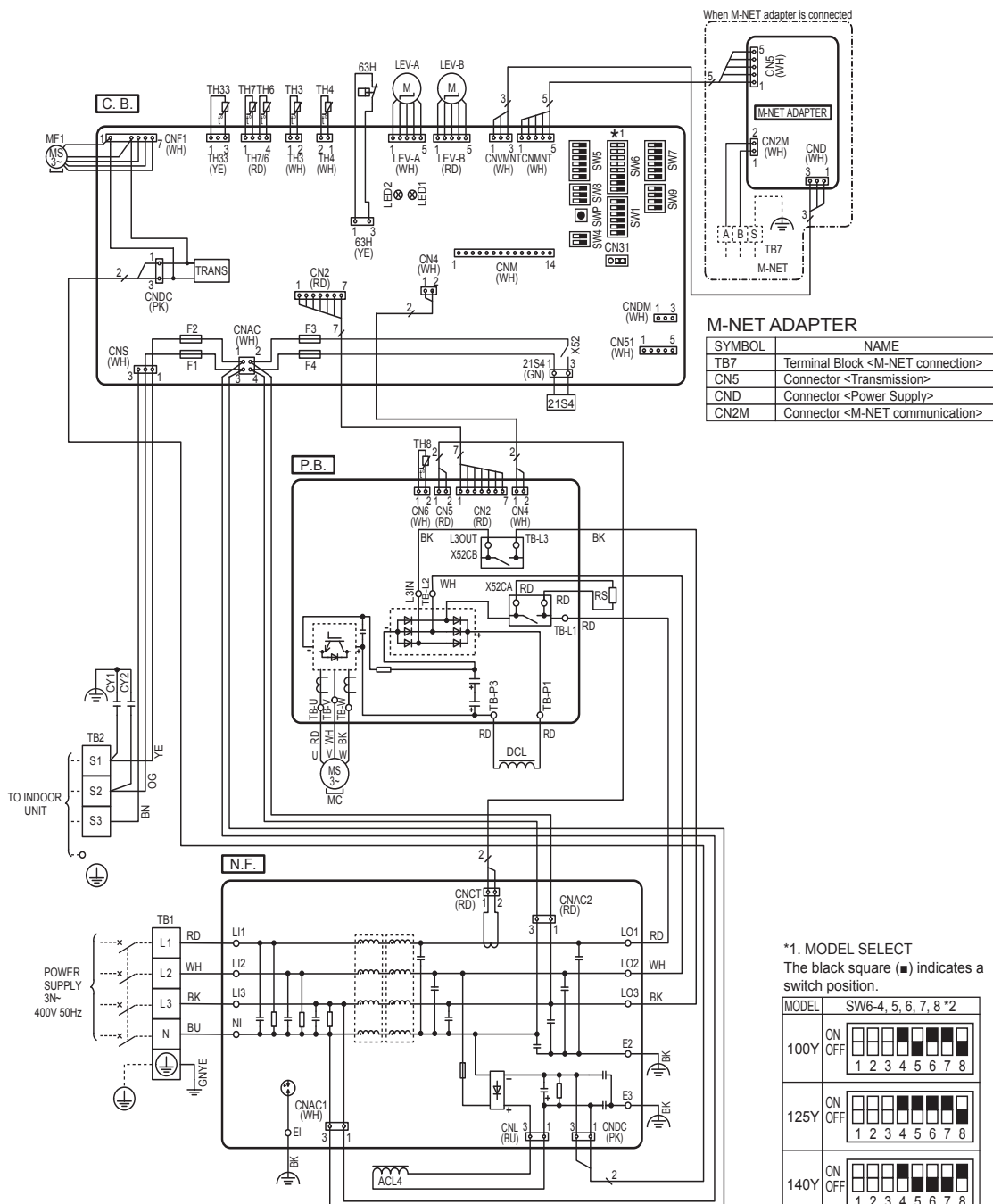
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT
WIRING DIAGRAM

**PUHZ-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>	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



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.

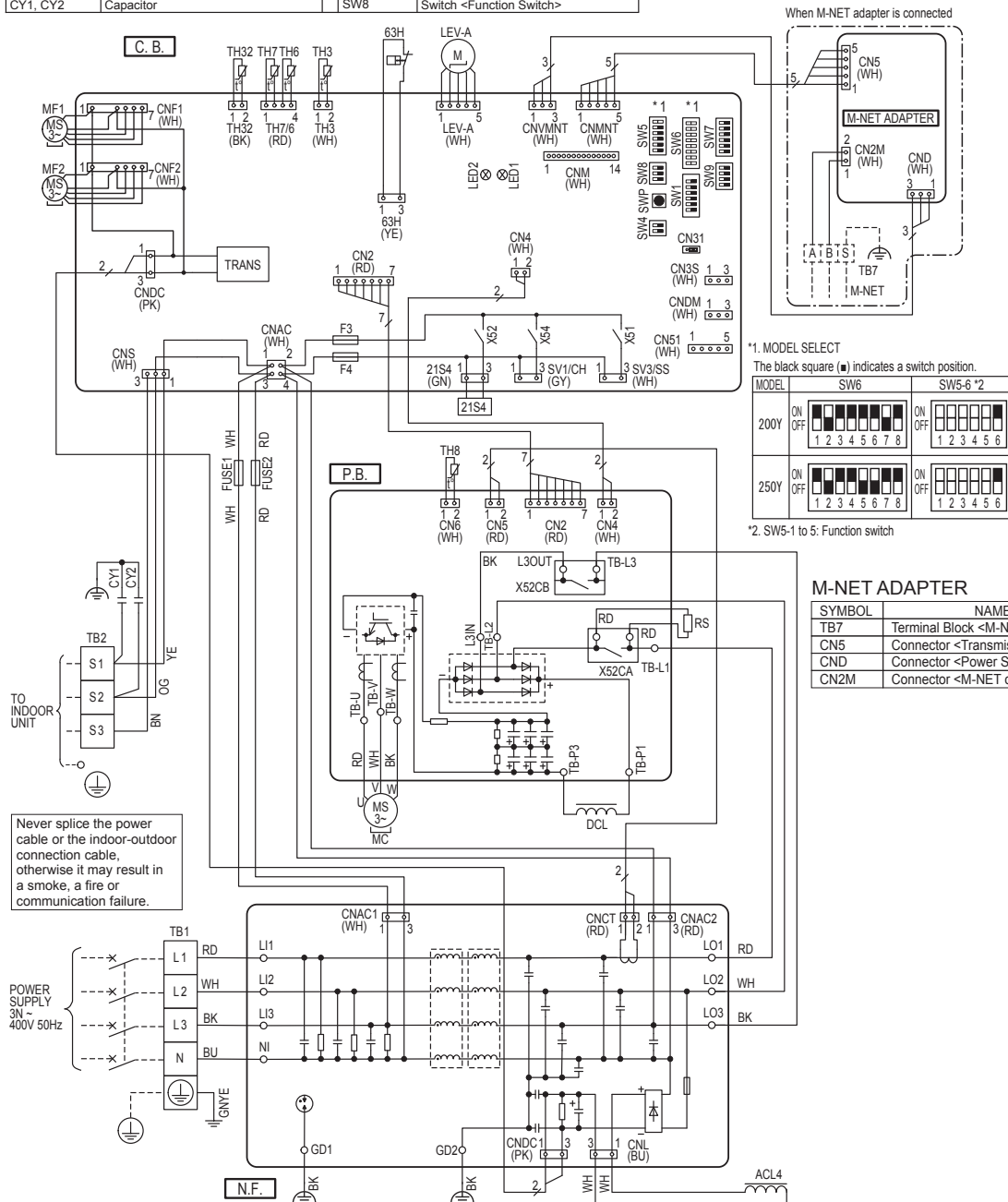
MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON OFF
125Y	ON OFF
140Y	ON OFF

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

*2. SW6-1 to 3: Function switch

PUHZ-P200YKA3
PUHZ-P250YKA3

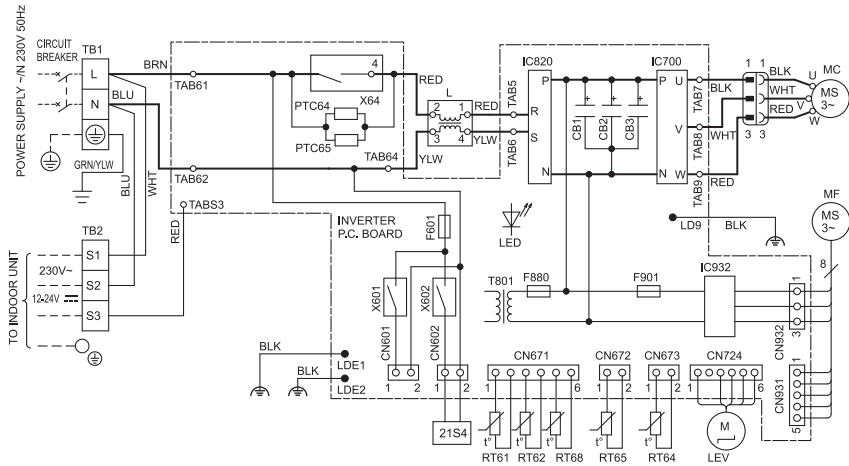
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	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>	LI1/LI2/LI3/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 <Connect to Optional M-NET Adapter Board>
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	CNVMT	Connector <Connect to Optional M-NET Adapter Board>
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>	LED1, LED2	LED <Operation Inspection Indicators>
DCL	Reactor	SW6	Switch <Model Select>	F3, F4	Fuse <T6.3AL250V>
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>	X61, X52, X54	Relay
FUSE1, FUSE2	Fuse <T16AL250V>	SW8	Switch <Function Switch>		
CY1, CY2	Capacitor				



4. SUZ-SA•VA

SUZ-SA71VA3

OUTDOOR UNIT WIRING DIAGRAM



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1-3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
F601	FUSE(T3,15A/250V)	LED	LED	RT62	DISCHARGE TEMP.THERMISTOR	X601	RELAY
F880	FUSE(T3,15A/250V)	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP.THERMISTOR	X602	RELAY
F901	FUSE(T3,15A/250V)	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

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 "Troubleshooting When LED Blinks" shown below.) Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

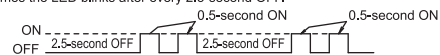
* For details, refer to the appropriate service manual.

Troubleshooting When LED Blinks

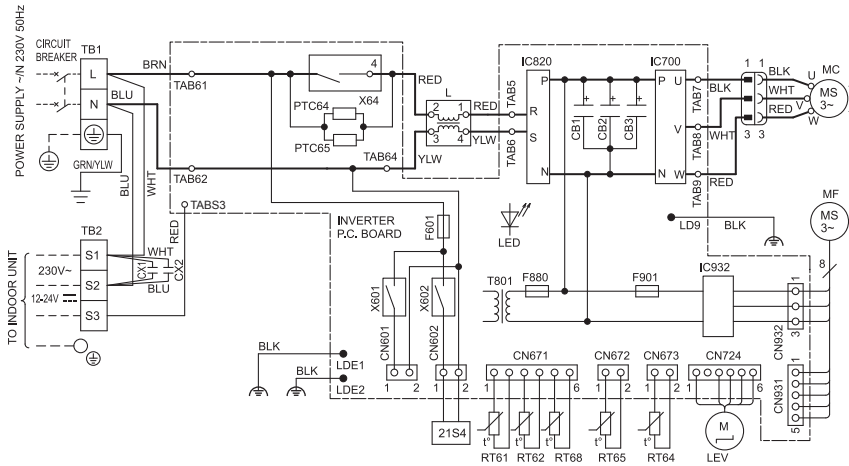
When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lighted, the unit is in normal operation.
When the LED goes out, run the unit in the emergency operation and 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".



SUZ-SA100VA2



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 Lighting	Normal
	Flashing (while compressor is not in operation.)	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.

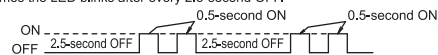
Troubleshooting When LED Blinks

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.

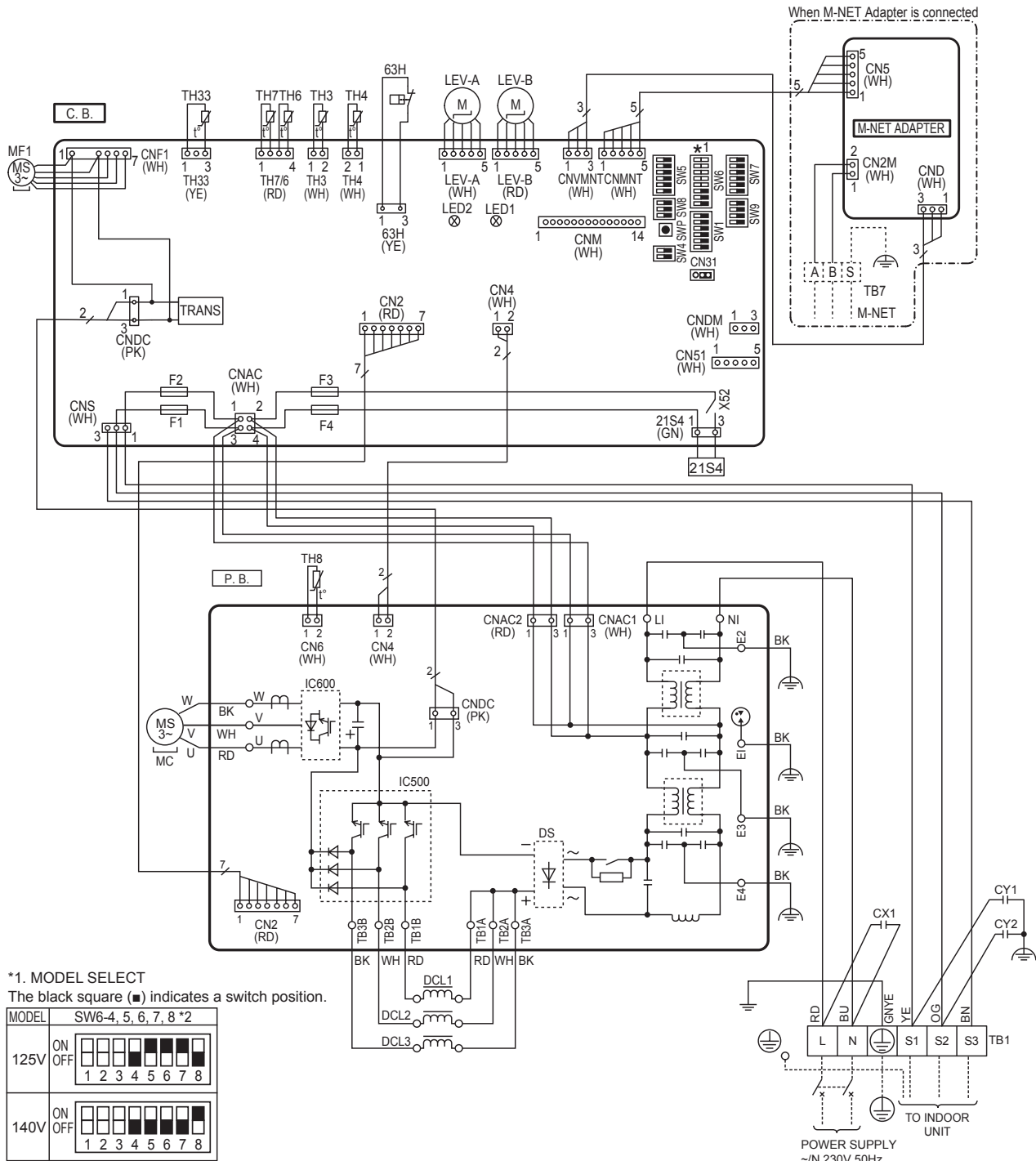
[Example] Blinking frequency is "Twice".



5. PUHZ-SP•KA

PUHZ-SP125VKA PUHZ-SP140VKA

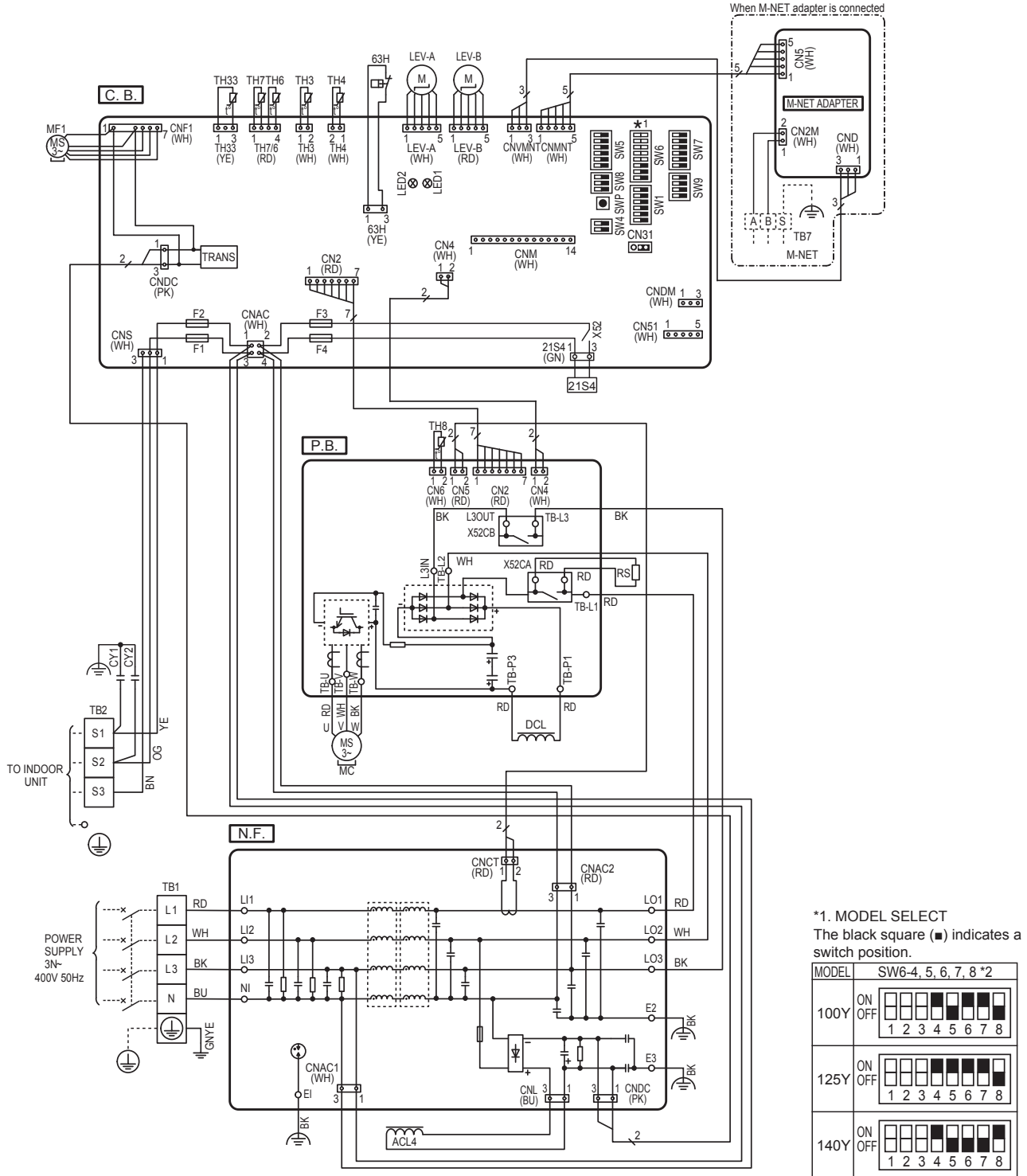
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL1, DCL2, DCL3	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
63H	High Pressure 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				

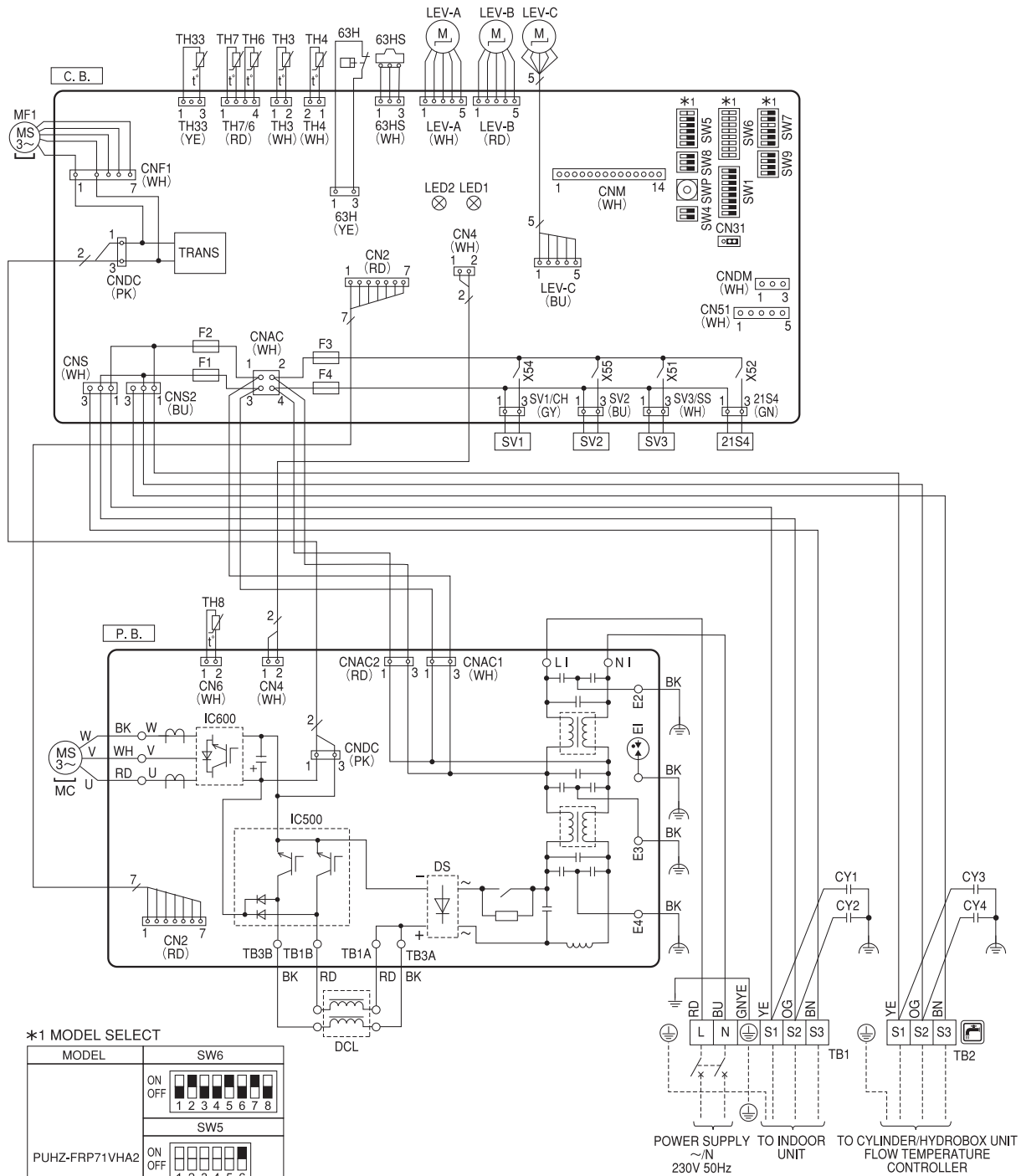


Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

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
	ON OFF
	ON OFF

The black square (■) indicates a switch position.

OUTDOOR UNIT WIRING DIAGRAM

A.8.3 REFRIGERANT SYSTEM DIAGRAM

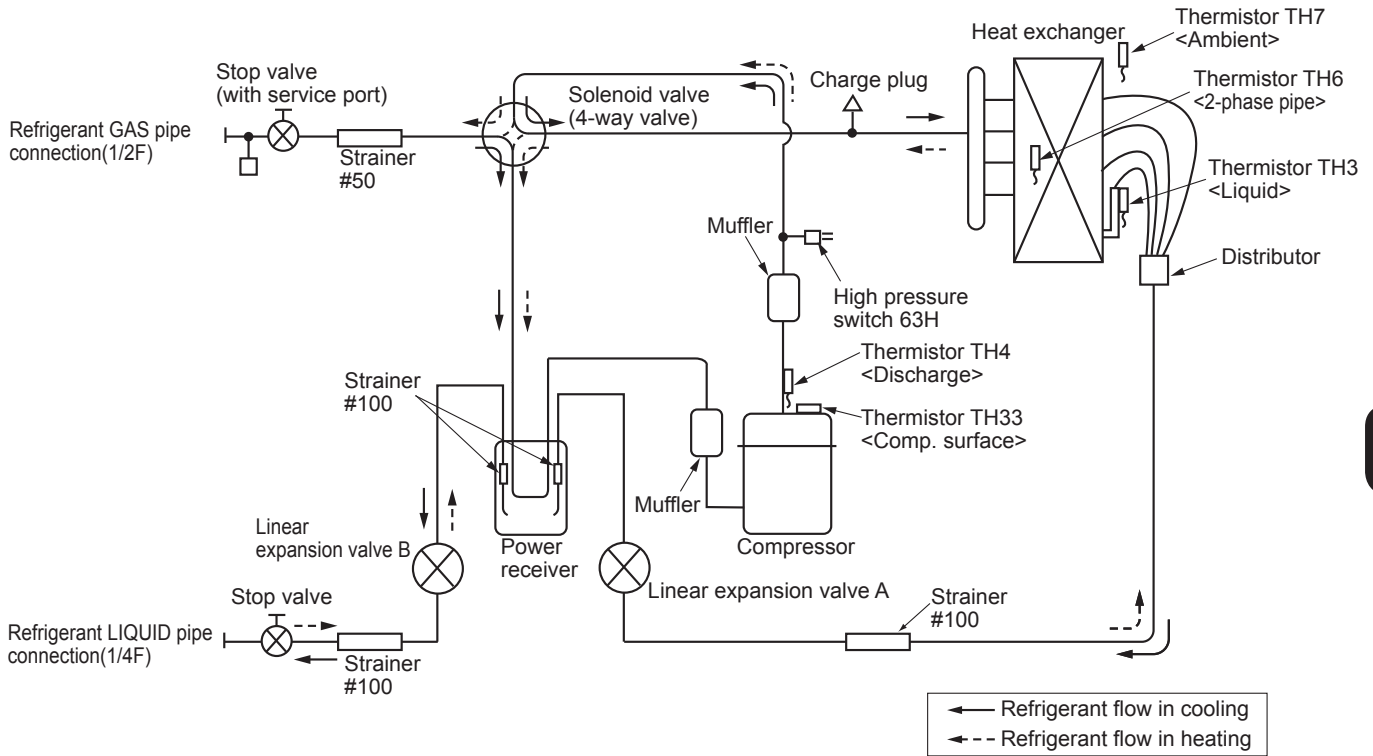
A.8.3.1 R32 type

1. PUZ-ZM•HA, KA

PUZ-ZM35VKA

PUZ-ZM50VKA

Unit: mm

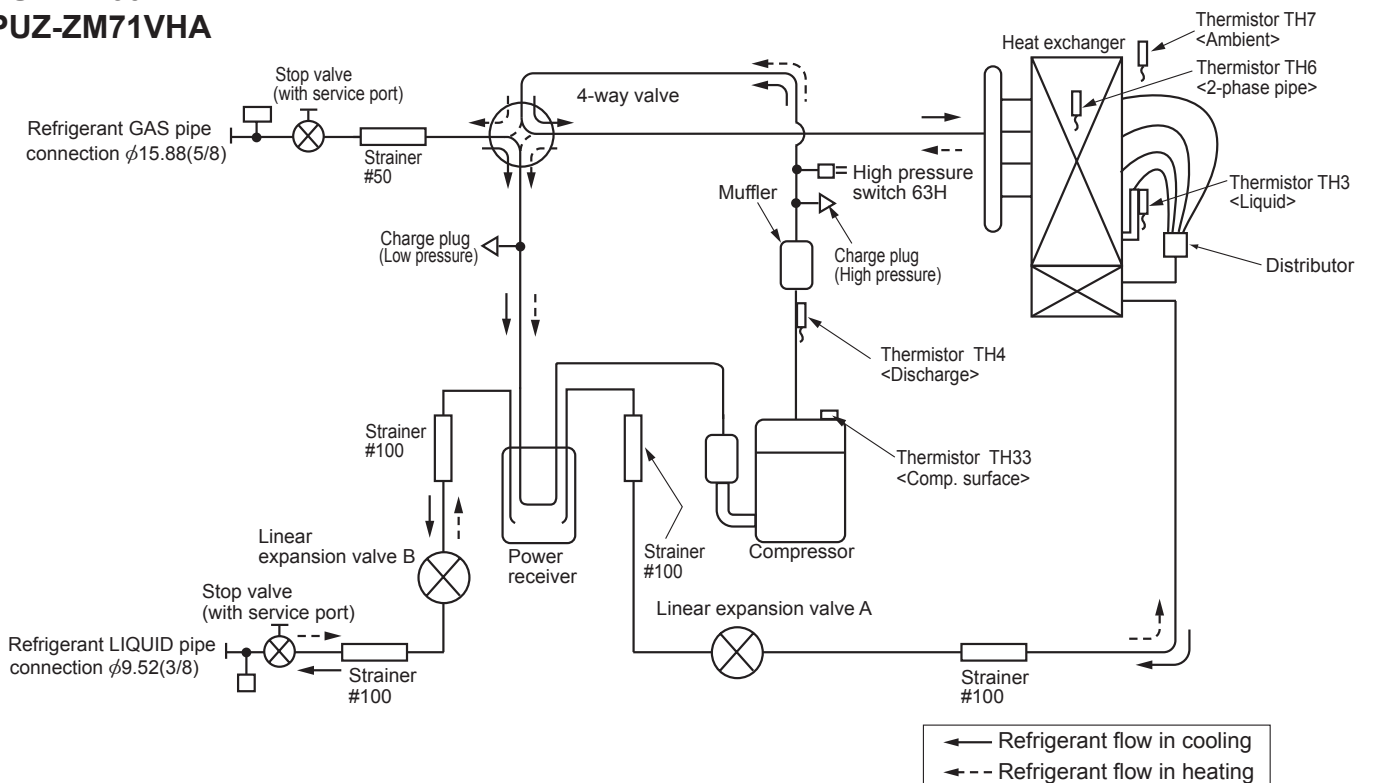


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUZ-ZM60VHA

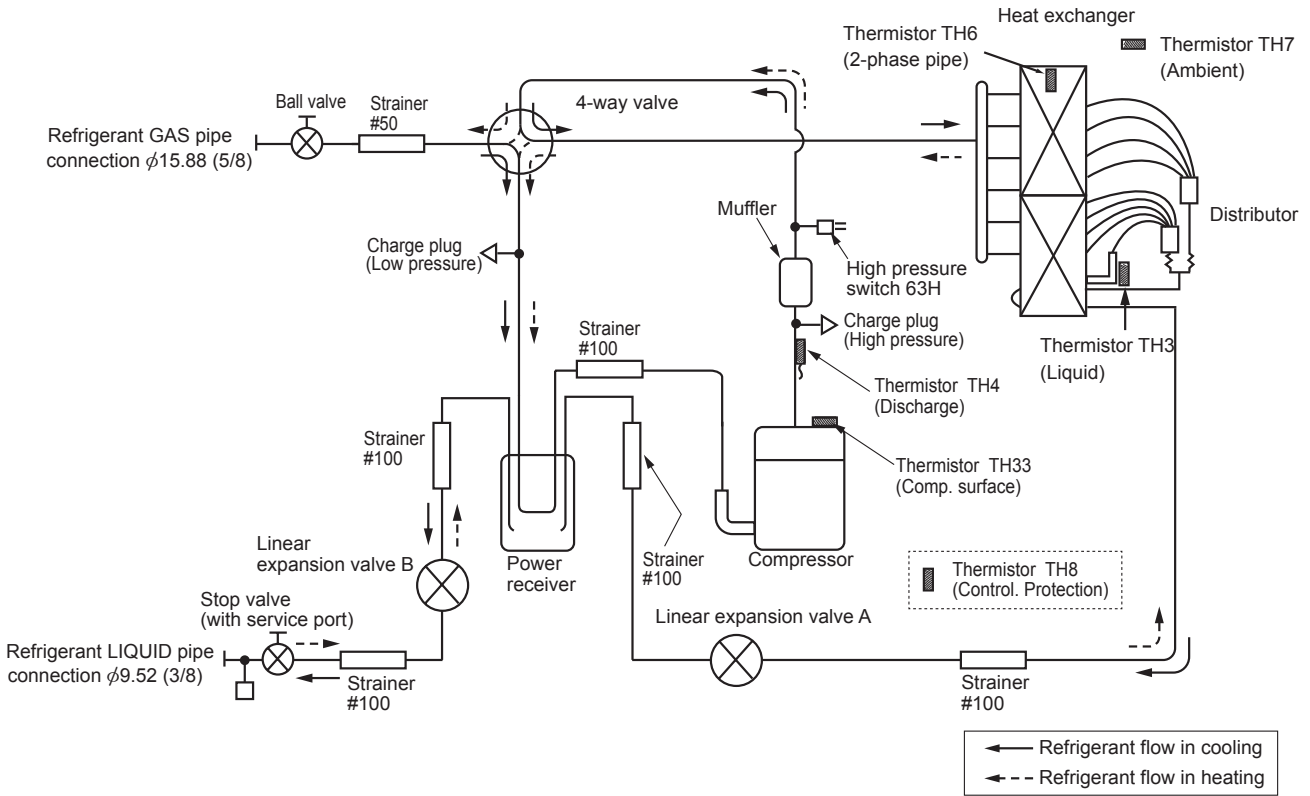
PUZ-ZM71VHA

Unit: mm



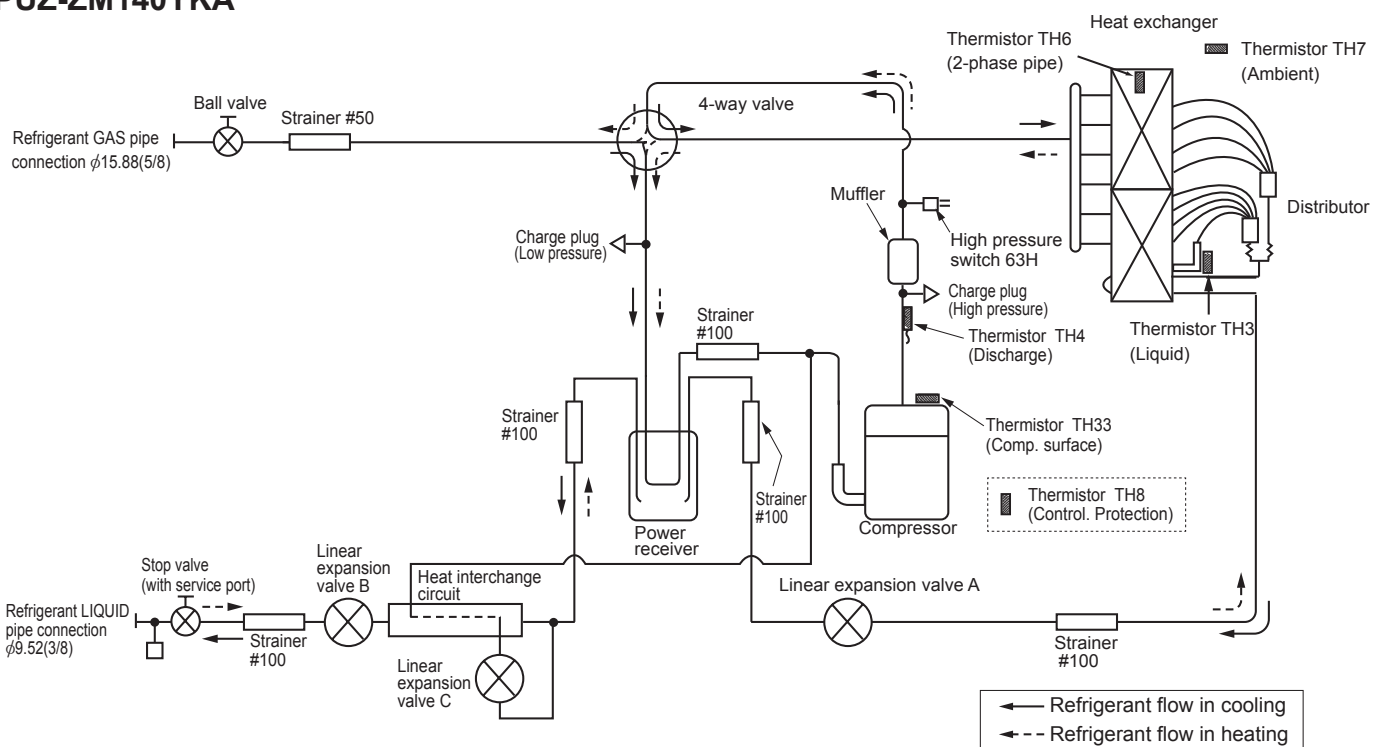
PUZ-ZM100VKA
PUZ-ZM100YKA
PUZ-ZM125VKA
PUZ-ZM125YKA

Unit: mm



PUZ-ZM140VKA
PUZ-ZM140YKA

Unit: mm

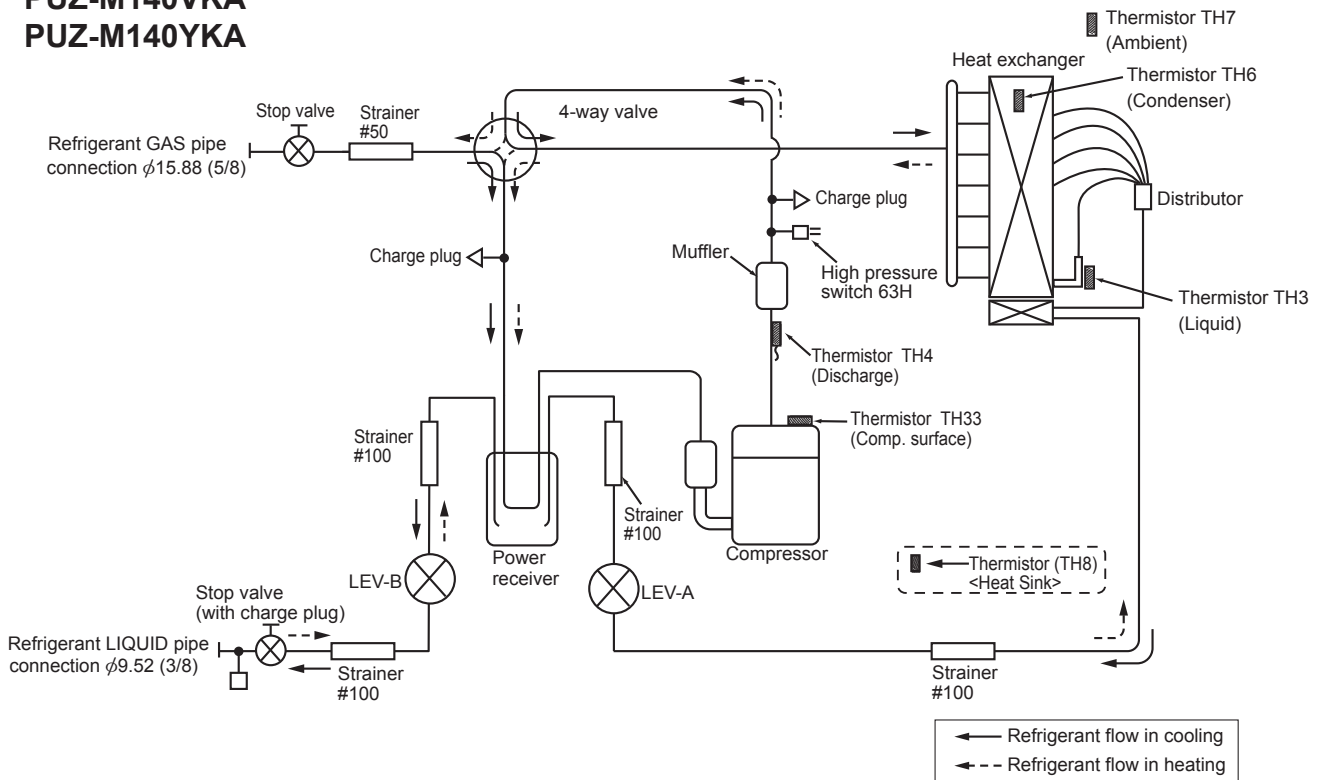


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

2. PUZ-M•KA

- PUZ-M100VKA
- PUZ-M100YKA
- PUZ-M125VKA
- PUZ-M125YKA
- PUZ-M140VKA
- PUZ-M140YKA

Unit: mm(inch)

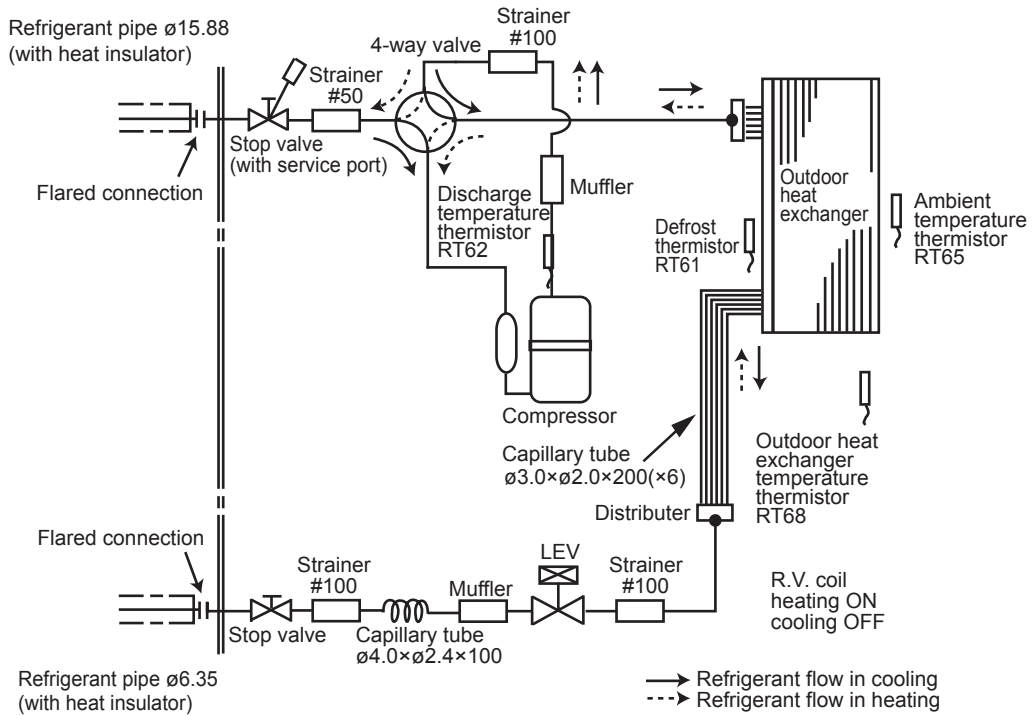


OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

Unit : mm

3. SUZ-M•VA
SUZ-M71VA

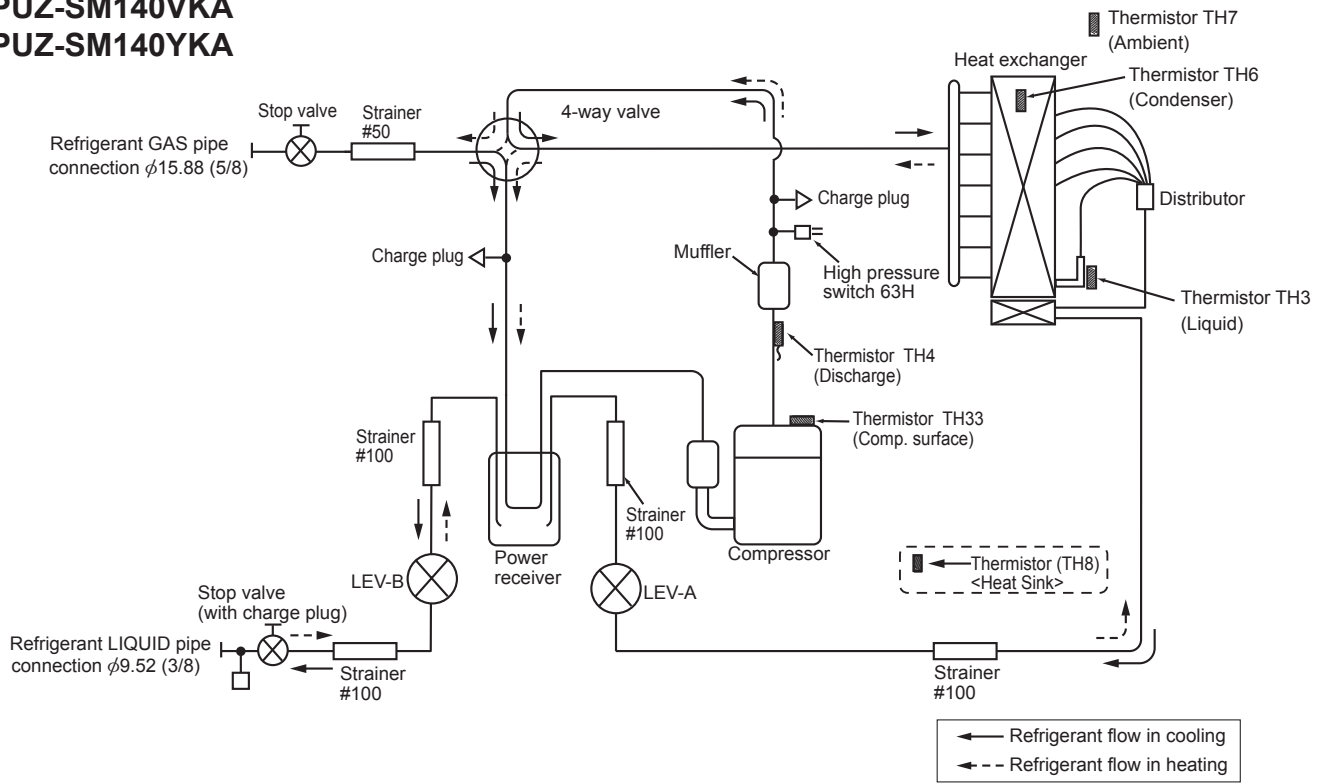


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

Unit : mm(inch)

4. PUZ-SM•KA

- PUZ-SM100VKA
- PUZ-SM100YKA
- PUZ-SM125VKA
- PUZ-SM125YKA
- PUZ-SM140VKA
- PUZ-SM140YKA



OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

A.8.3.2 R410A type

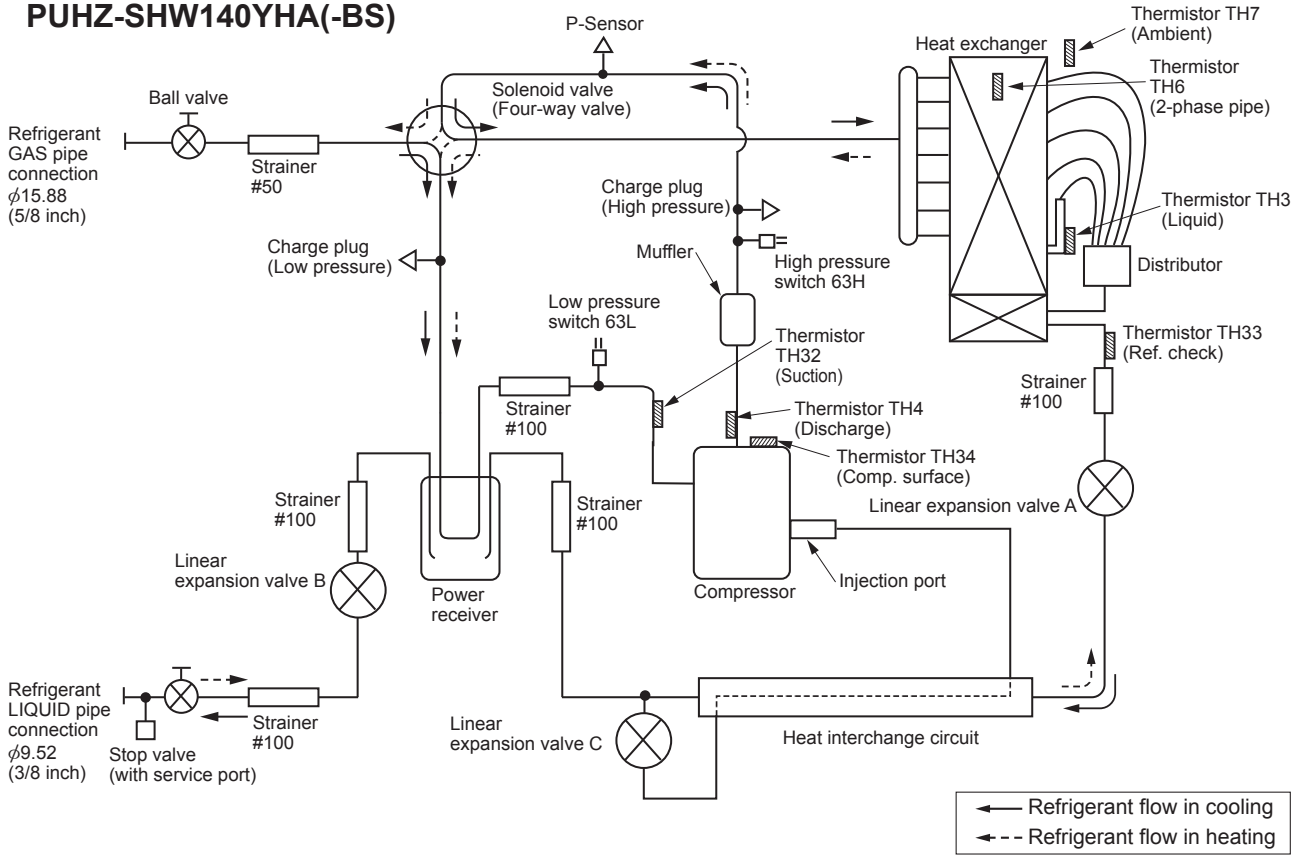
1. PUAZ-SHW•HA PUAZ-SHW•KA

PUAZ-SHW112VHA(-BS)

PUAZ-SHW112YHA(-BS)

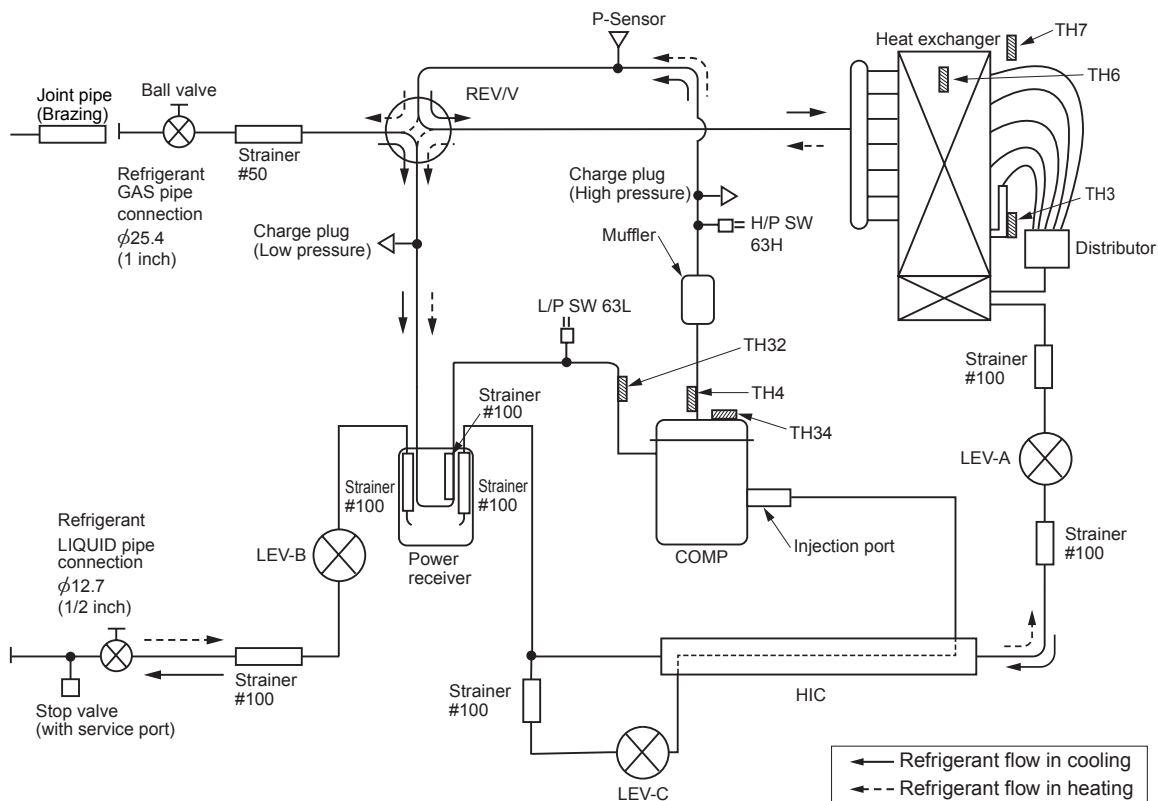
PUAZ-SHW140YHA(-BS)

Unit : mm (inch)



PUAZ-SHW230YKA2

Unit : mm (inch)

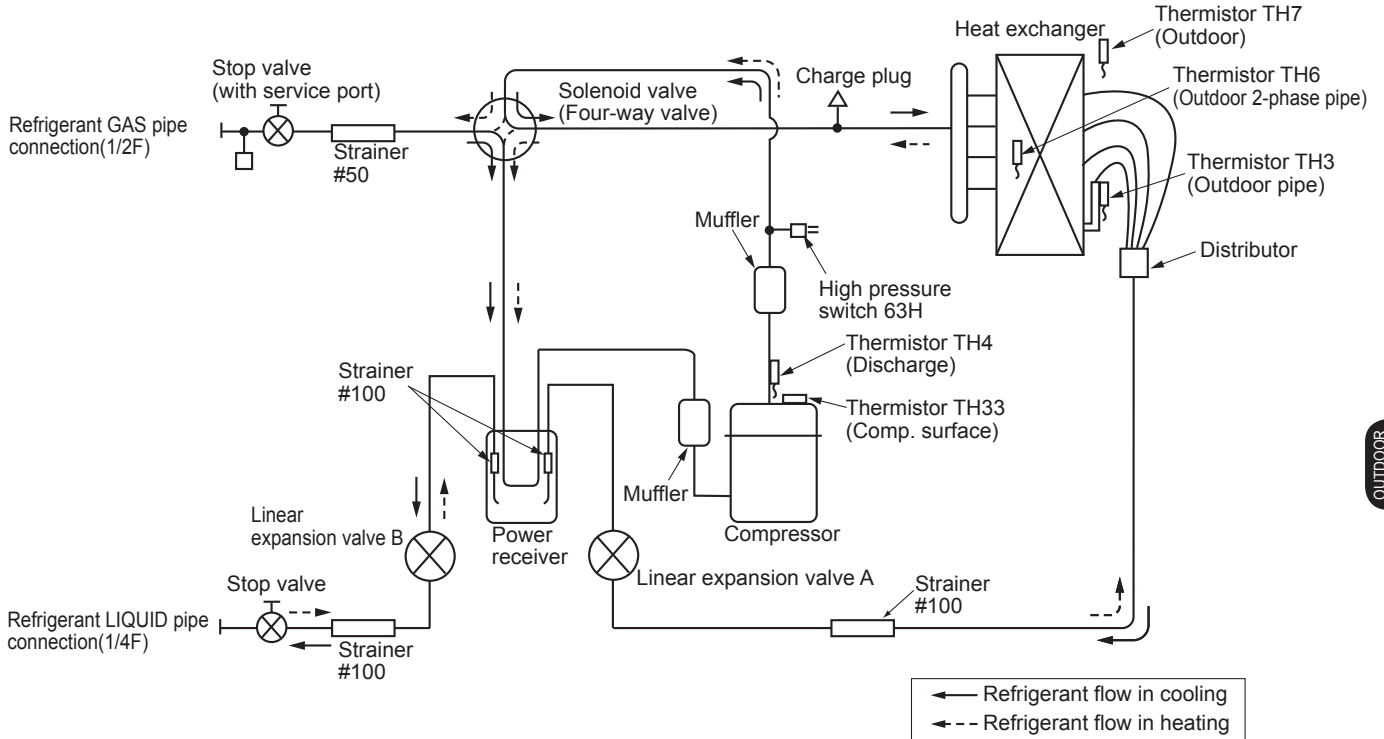


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

2. PUAZ-ZRP•HA2,KA2(3)

PUAZ-ZRP35VKA2
PUAZ-ZRP50VKA2

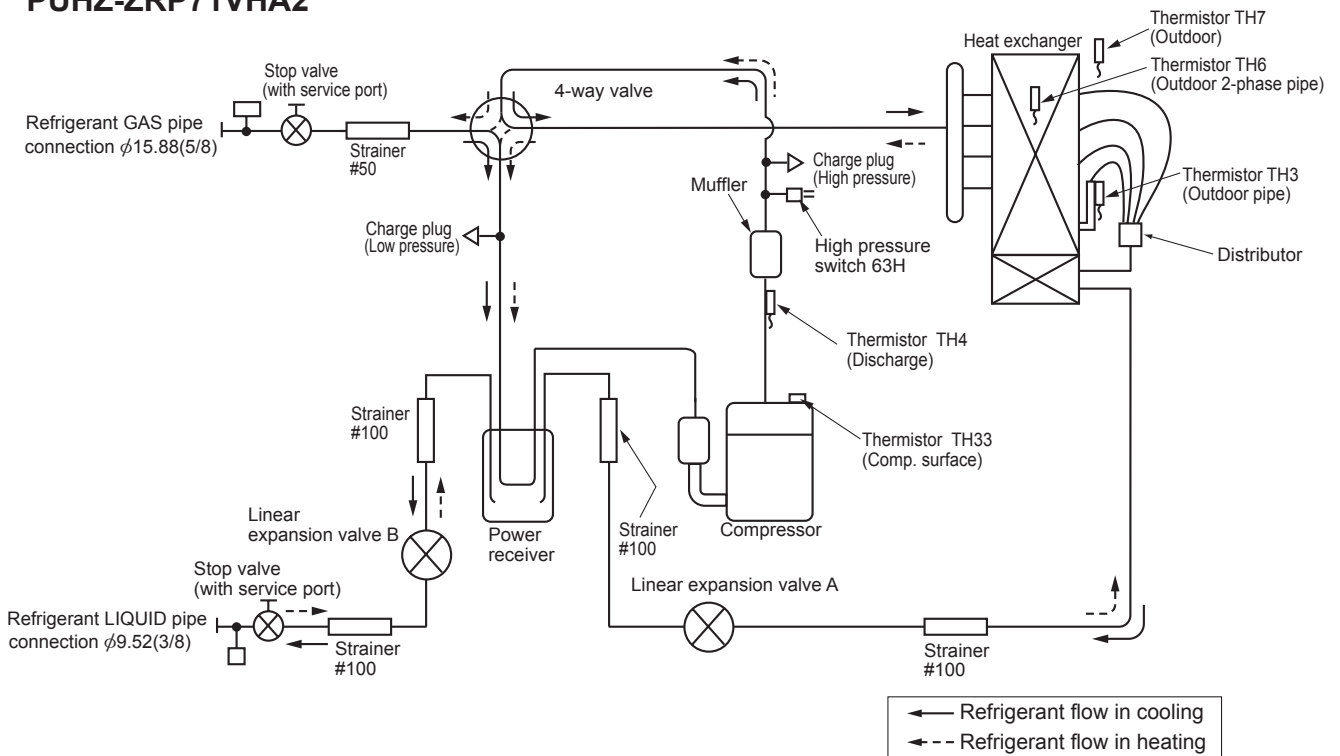
Unit : mm (inch)



OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

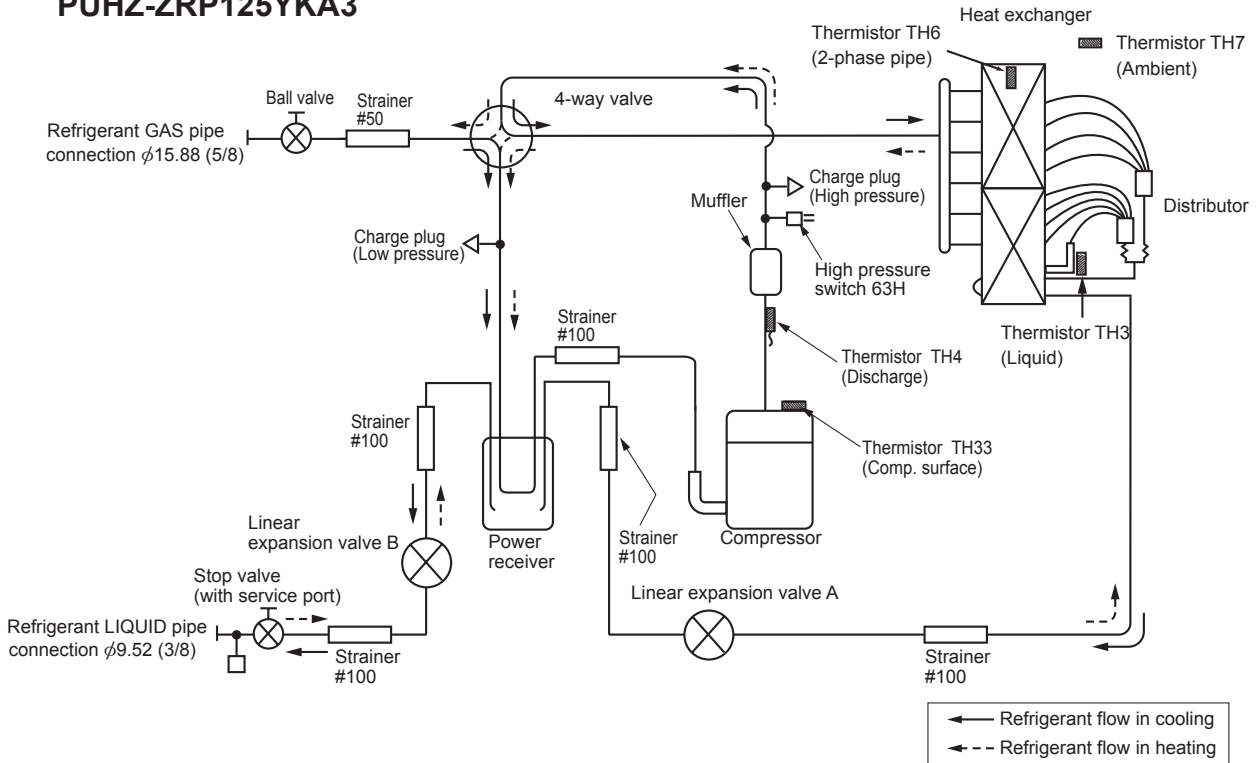
PUAZ-ZRP60VHA2
PUAZ-ZRP71VHA2

Unit : mm (inch)



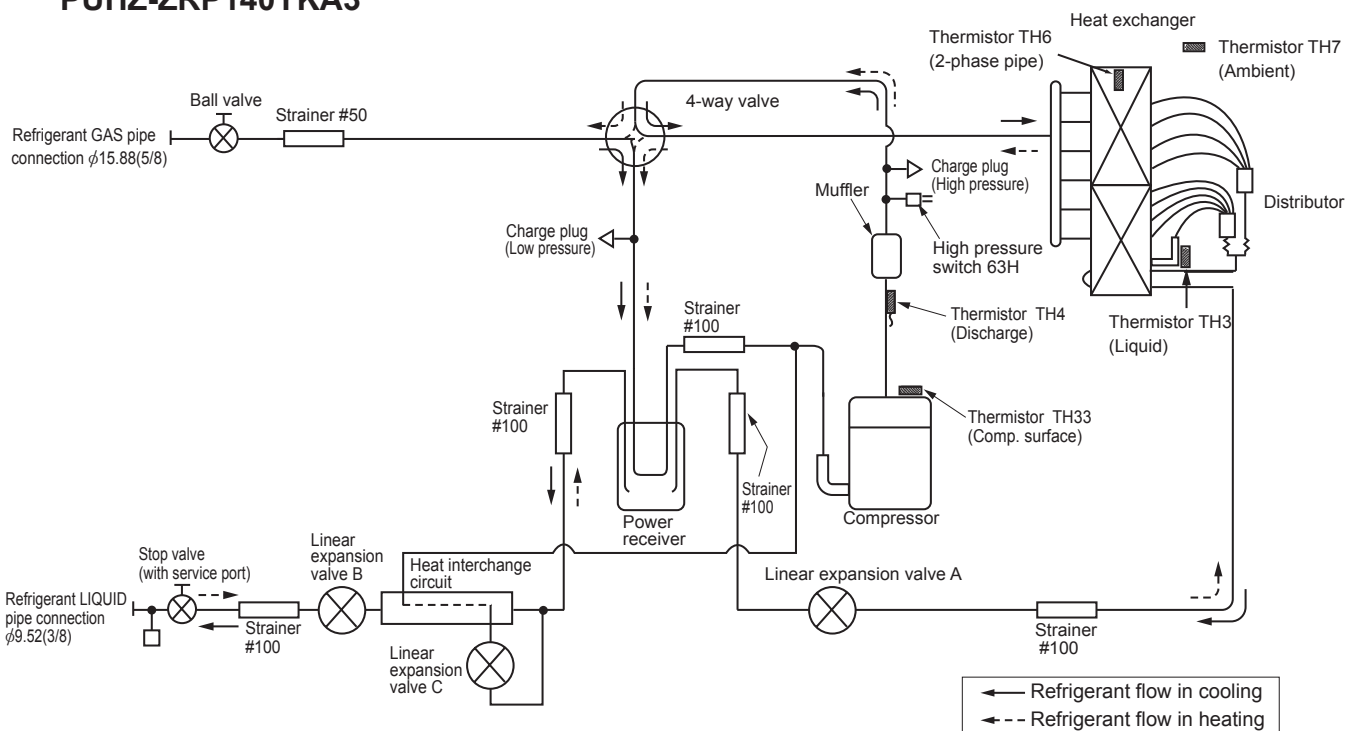
PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3

Unit : mm(inch)



PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3

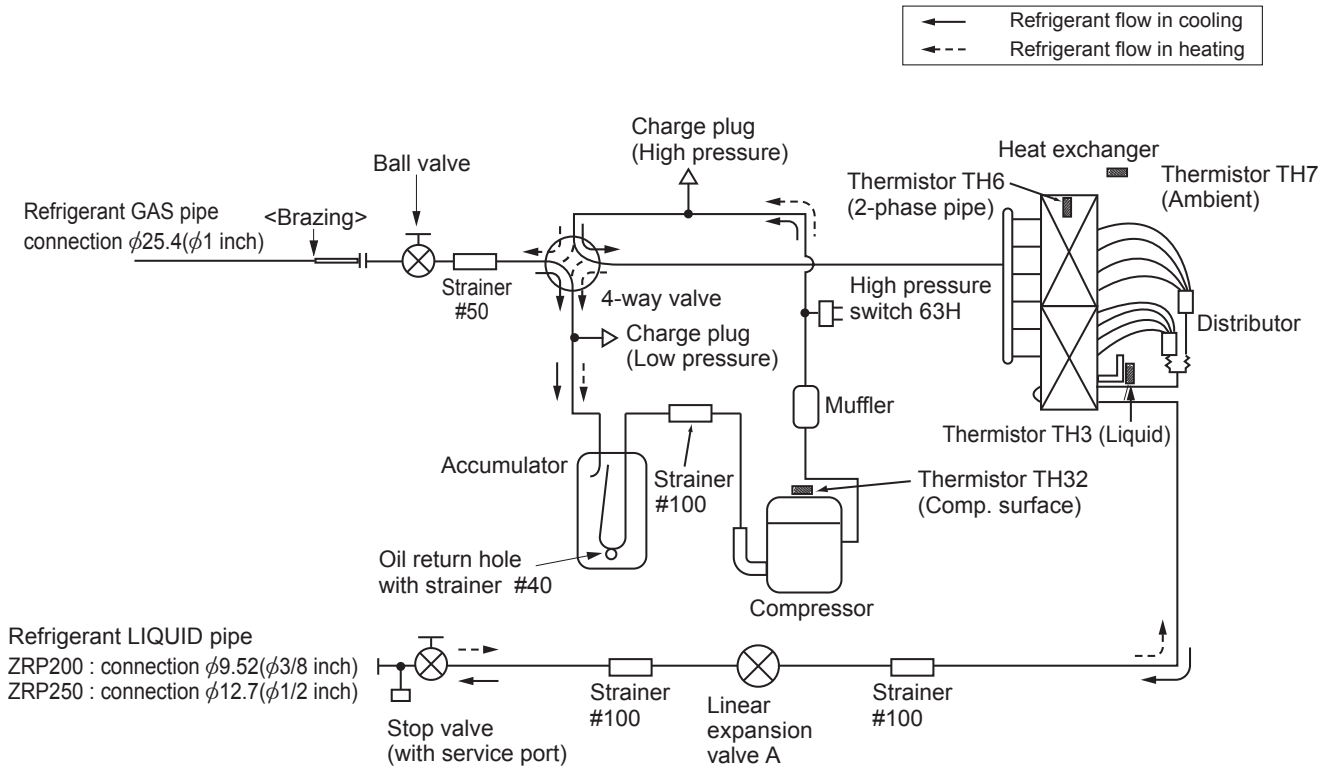
Unit : mm(inch)



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

Unit : mm(inch)

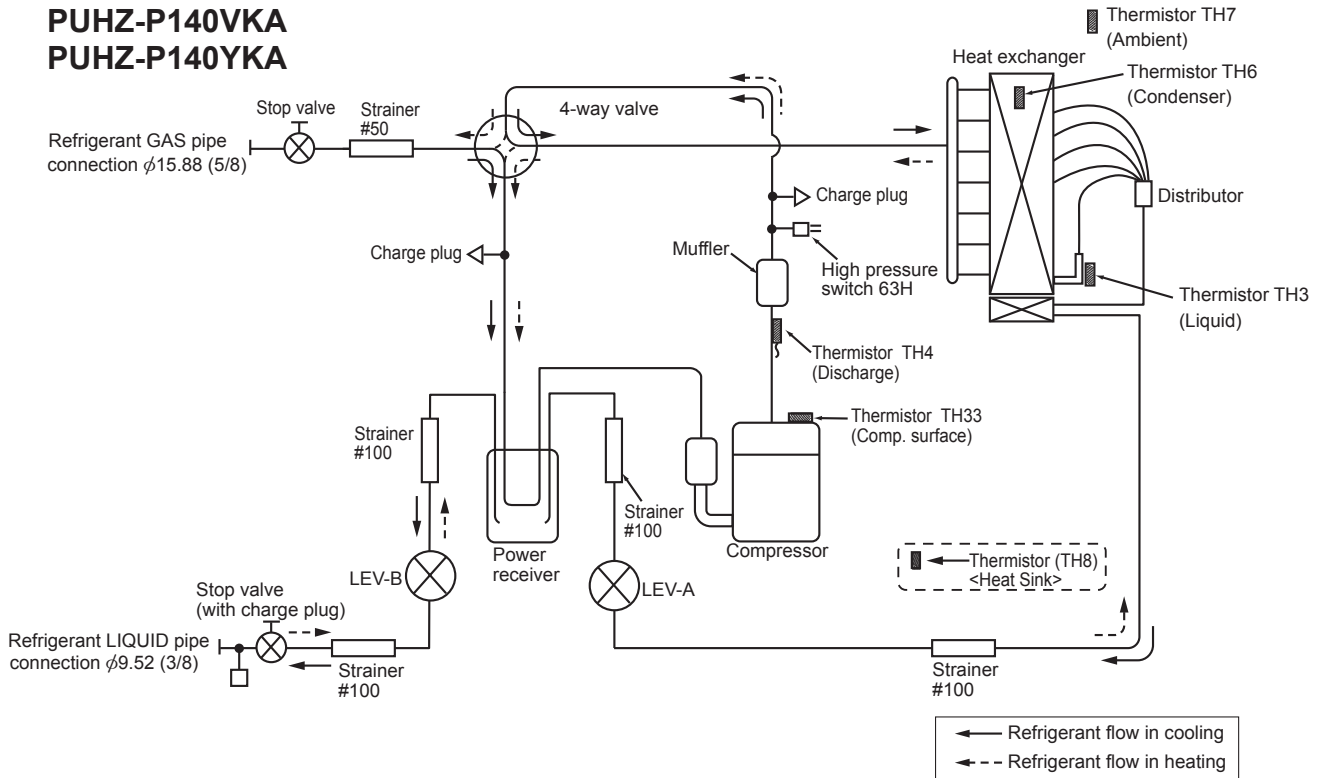


OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

3. PUAZ-P•KA

- PUAZ-P100VKA
- PUAZ-P100YKA
- PUAZ-P125VKA
- PUAZ-P125YKA
- PUAZ-P140VKA
- PUAZ-P140YKA

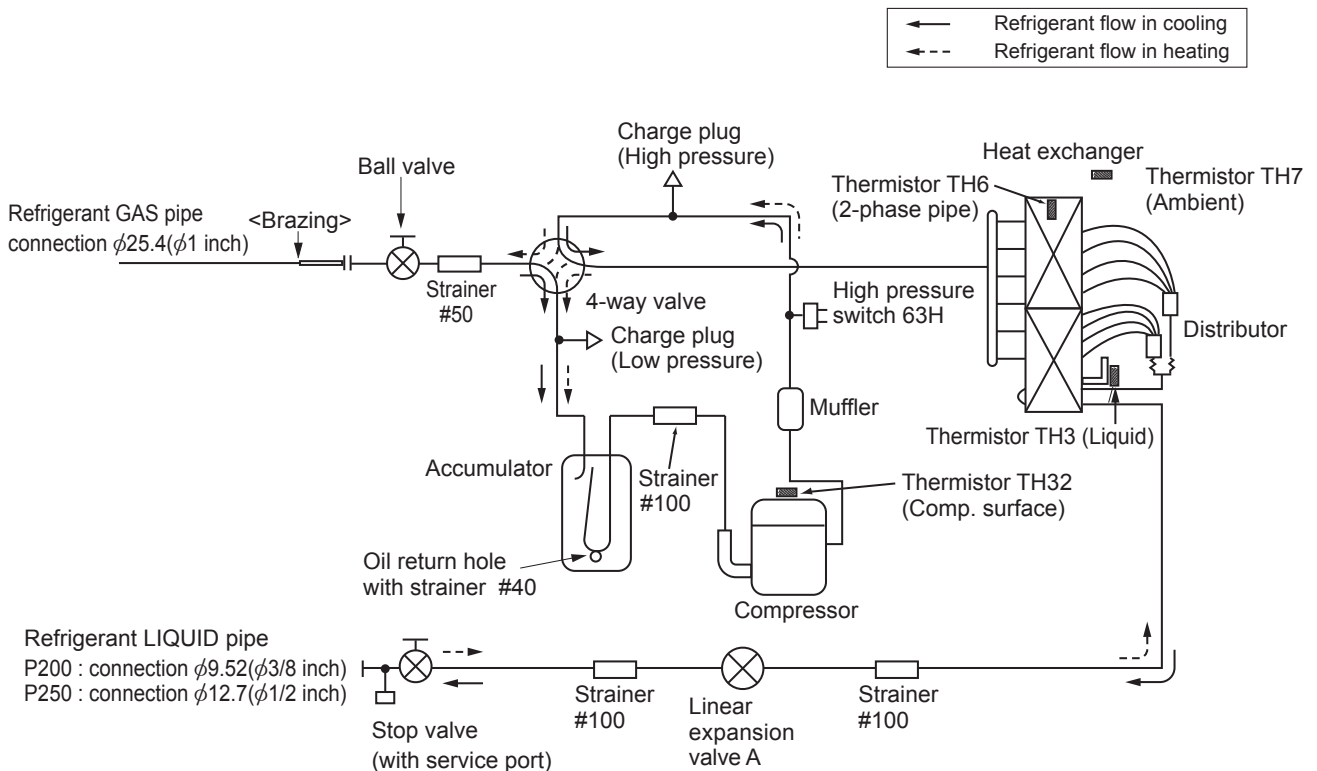
Unit : mm (inch)



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

- PUAZ-P200YKA3
- PUAZ-P250YKA3

Unit : mm(inch)

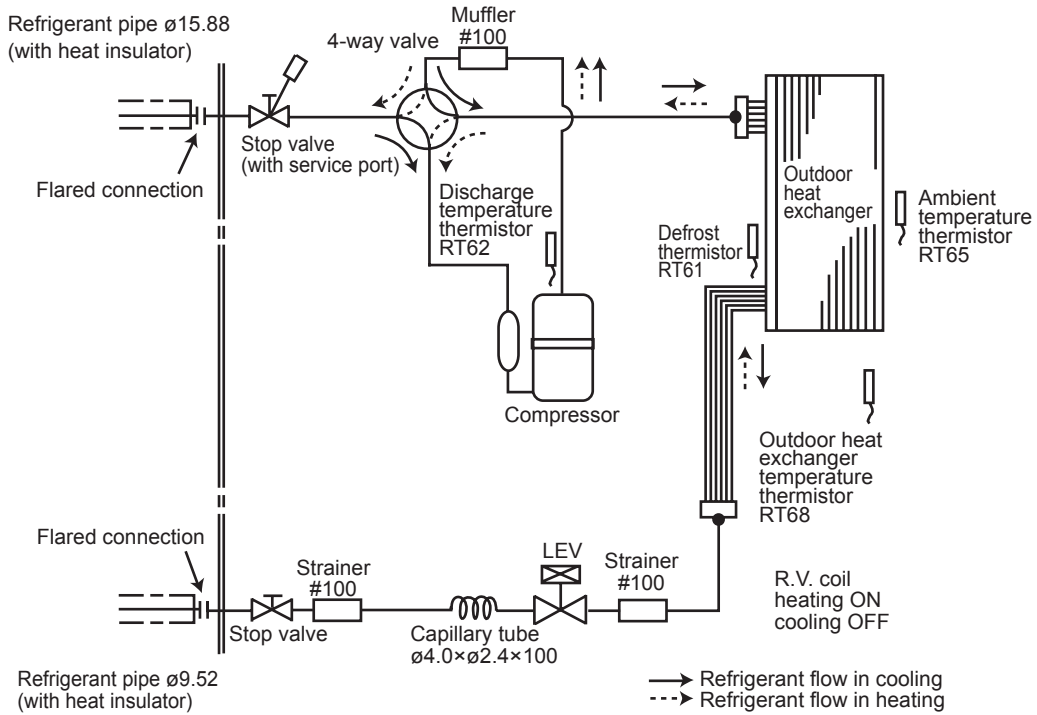


4. SUZ-SA•VA

SUZ-SA71VHA3

SUZ-SA100VA2

Unit : mm(inch)



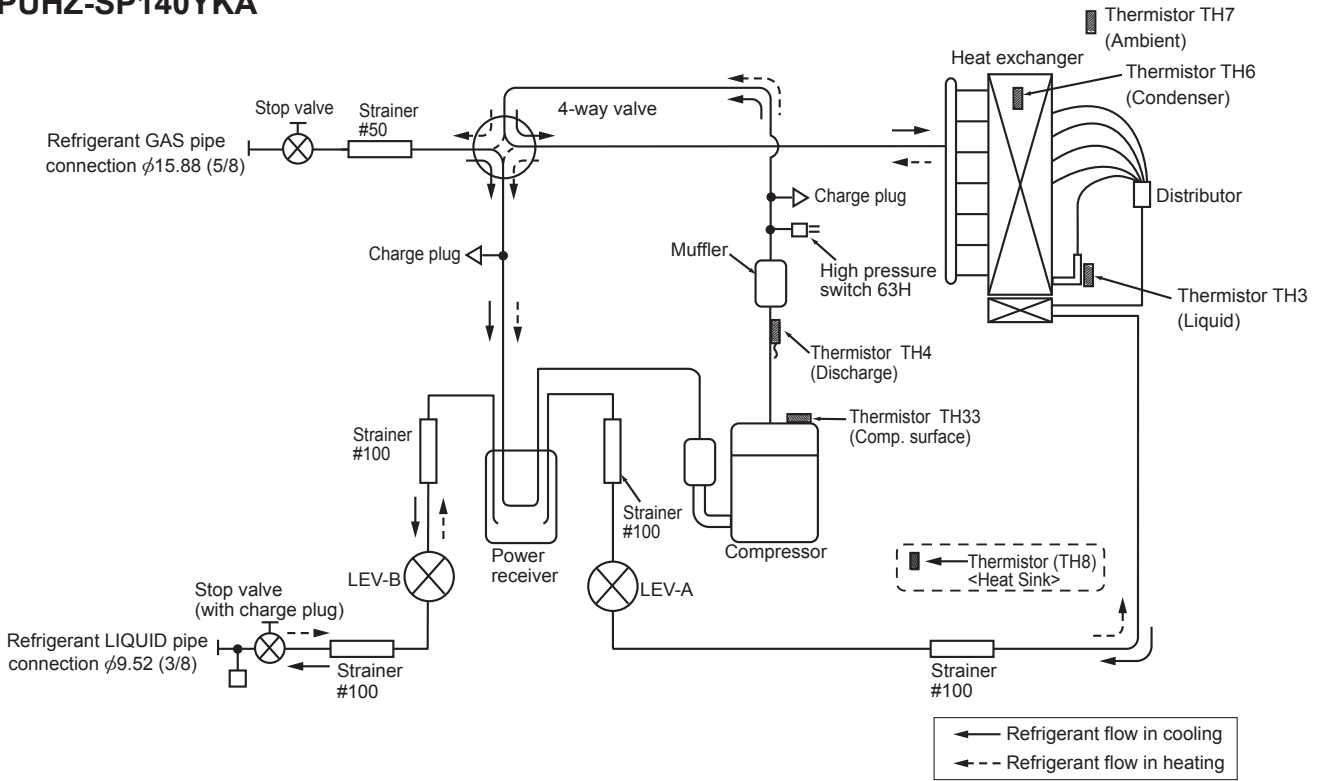
OUTDOOR
UNIT

REFRIGERANT SYSTEM DIAGRAM

5. PUHZ-SP•KA

Unit : mm(inch)

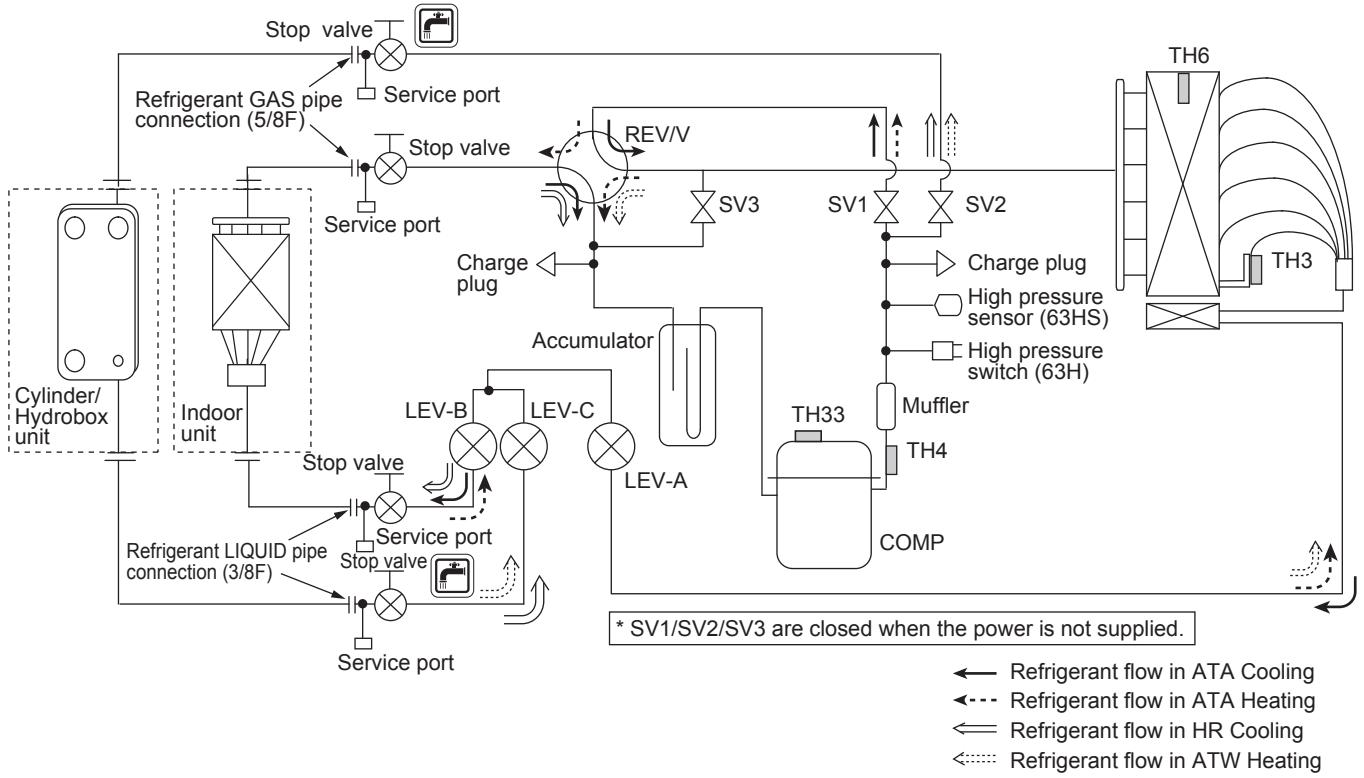
- PUHZ-SP100YKA
- PUHZ-SP125VKA
- PUHZ-SP125YKA
- PUHZ-SP140VKA
- PUHZ-SP140YKA



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

6. PUHZ-FRP71VHA2

Unit : mm (inch)



OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

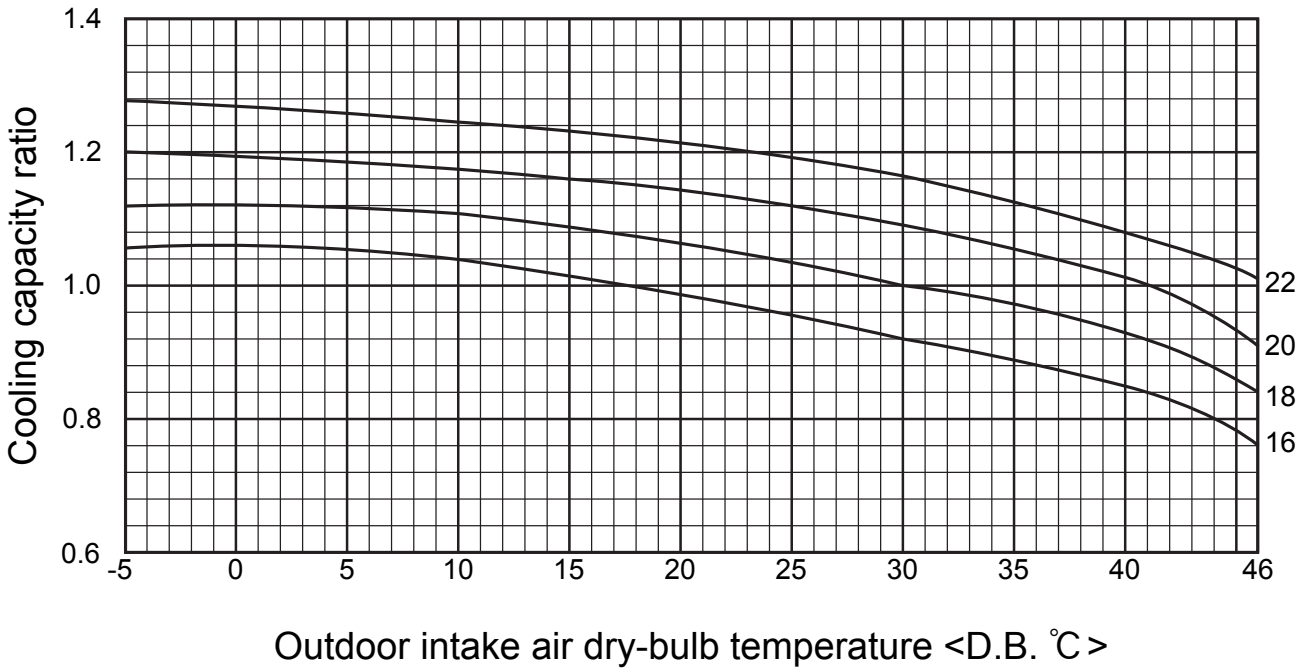
A.8.4 PERFORMANCE CURVES

A.8.4.1 R32 type [Without the optional Air protect guide]

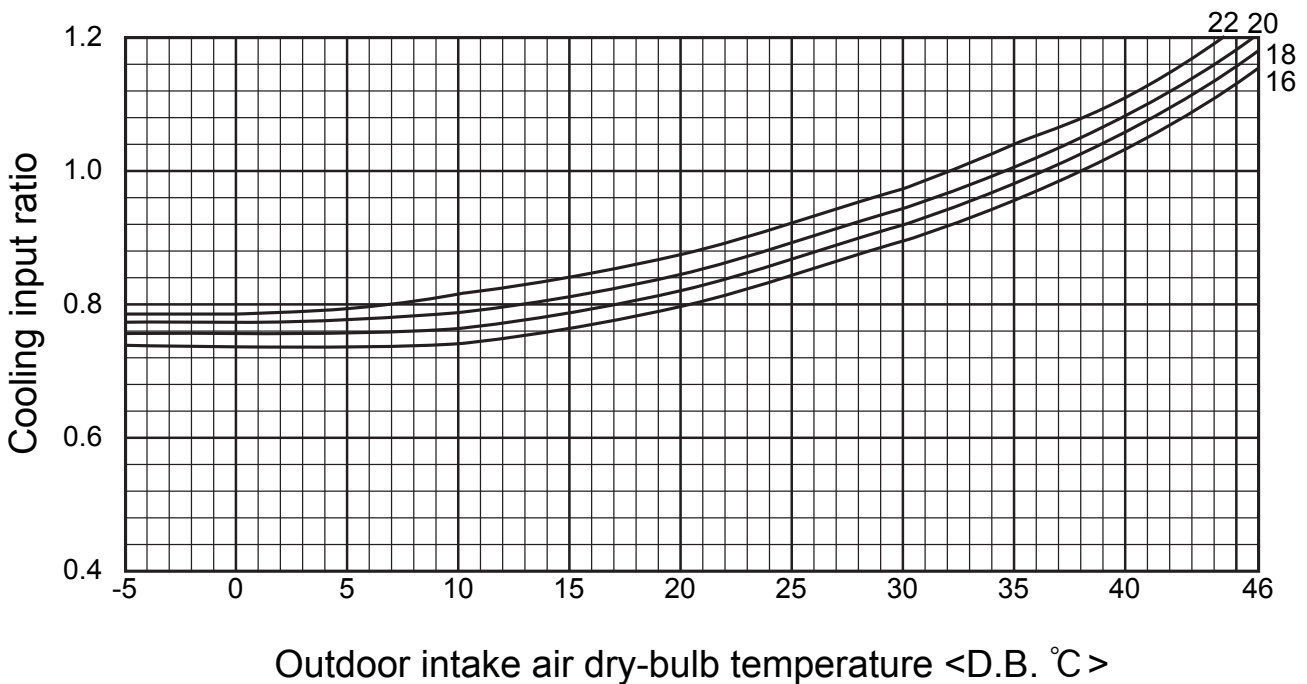
1.INVERTER MODELS Heat pump type [Without the optional Air protect guide]

PUZ-ZM35VKA	PUZ-ZM100VKA	PUZ-M100VKA	PUZ-SM100VKA
PUZ-ZM50VKA	PUZ-ZM100YKA	PUZ-M100YKA	PUZ-SM100YKA
PUZ-ZM60VHA	PUZ-ZM125VKA	PUZ-M125VKA	PUZ-SM125VKA
PUZ-ZM71VHA	PUZ-ZM125YKA	PUZ-M125YKA	PUZ-SM125YKA
	PUZ-ZM140VKA	PUZ-M140VKA	PUZ-SM140VKA
	PUZ-ZM140YKA	PUZ-M140YKA	PUZ-SM140YKA

Cooling capacity



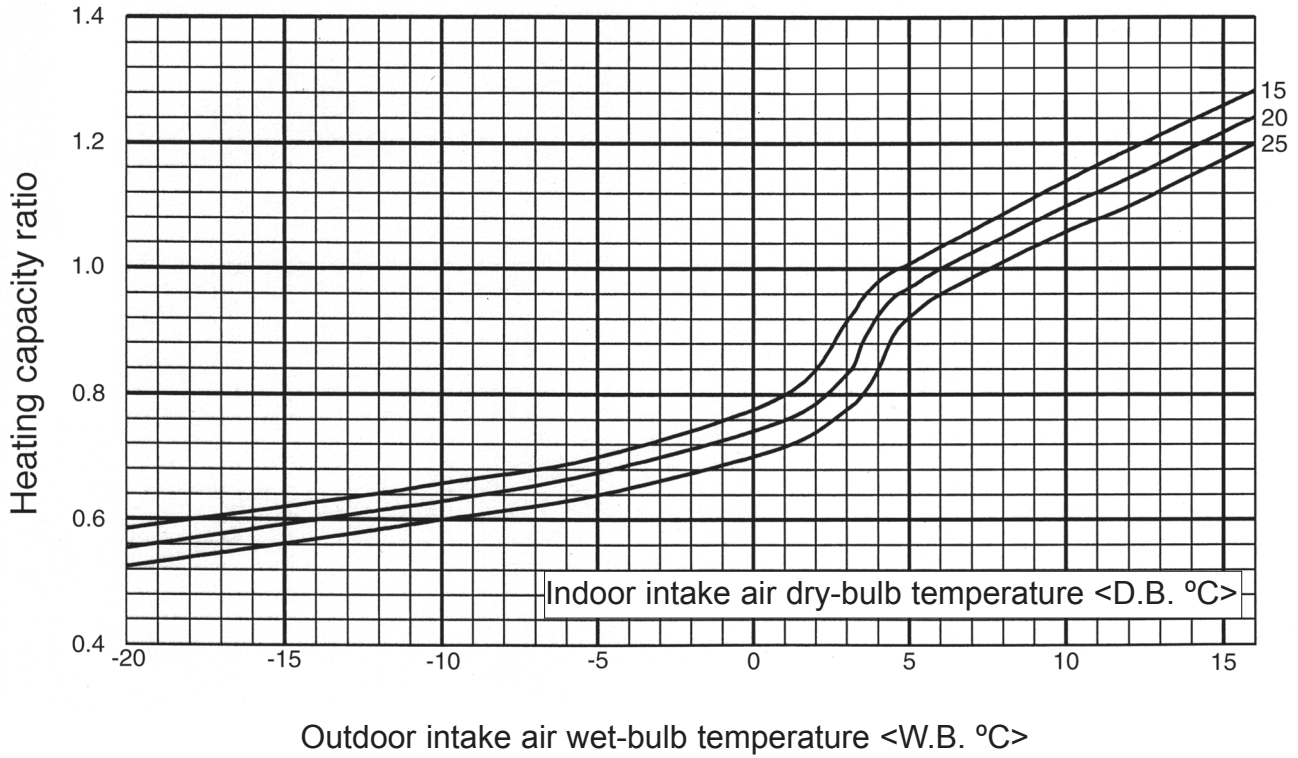
Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

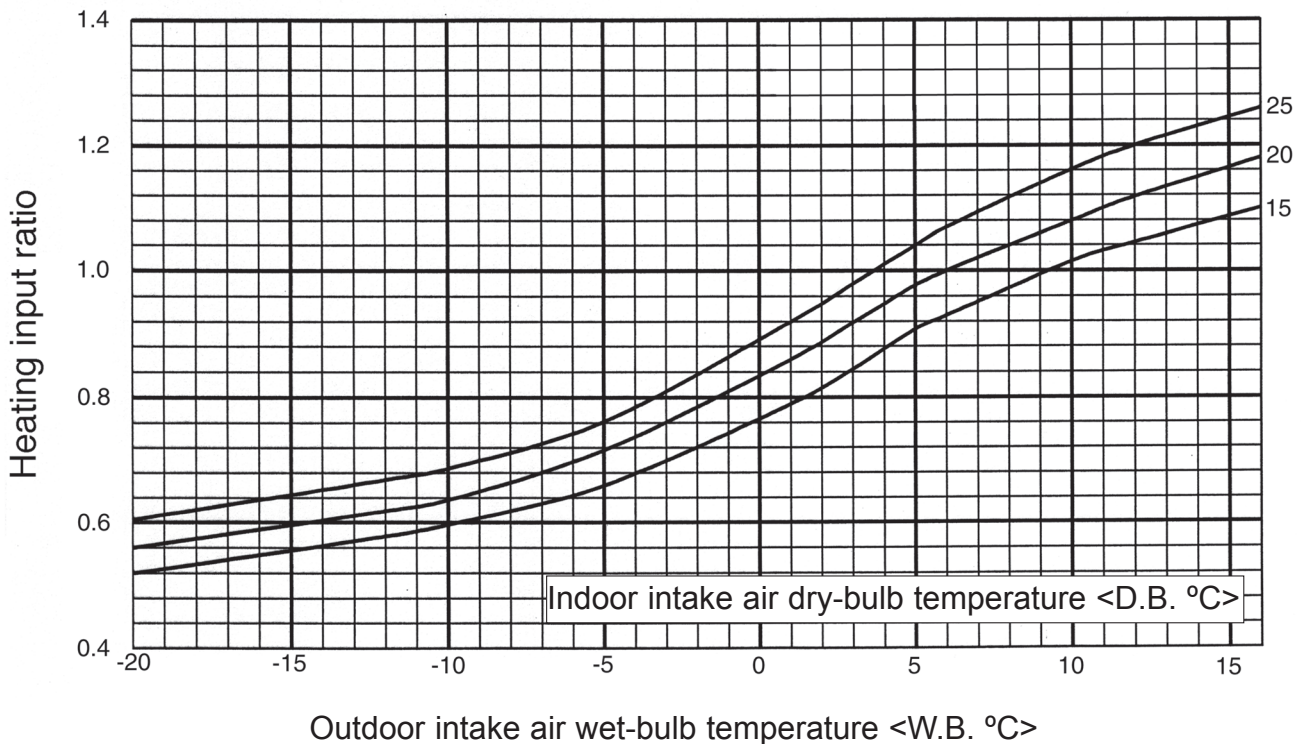
OUTDOOR UNIT PERFORMANCE CURVES

Heating capacity



OUTDOOR UNIT PERFORMANCE CURVES

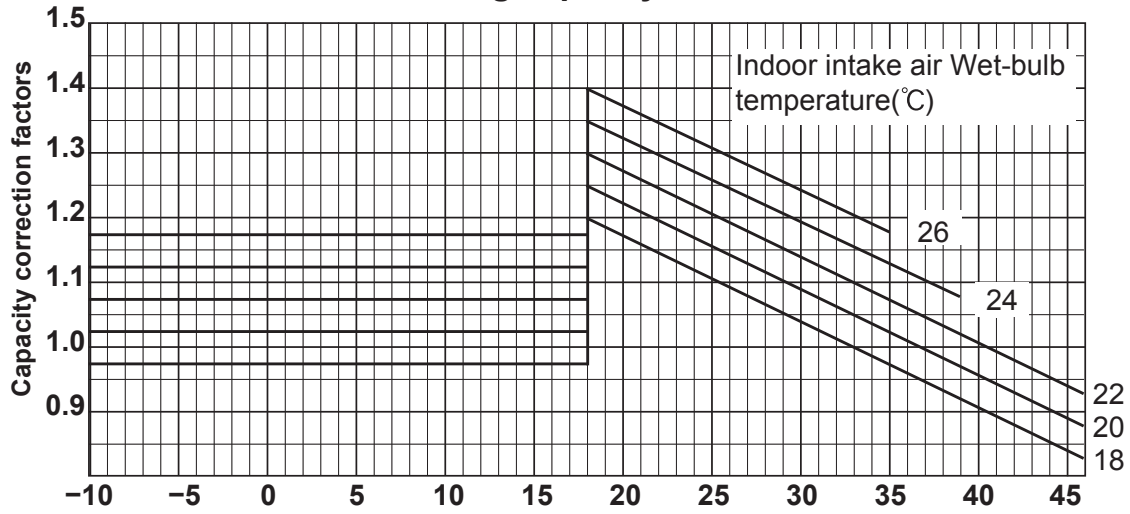
Heating input



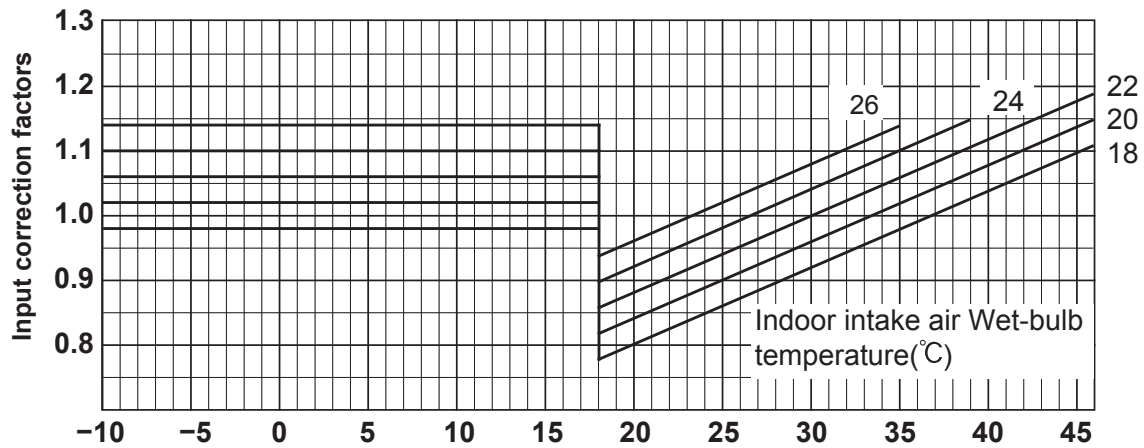
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

FOR THE COMBINATION OF OUTDOOR UNIT SUZ-SM71VA
<COOLING>

Cooling capacity



Total input (Cooling)



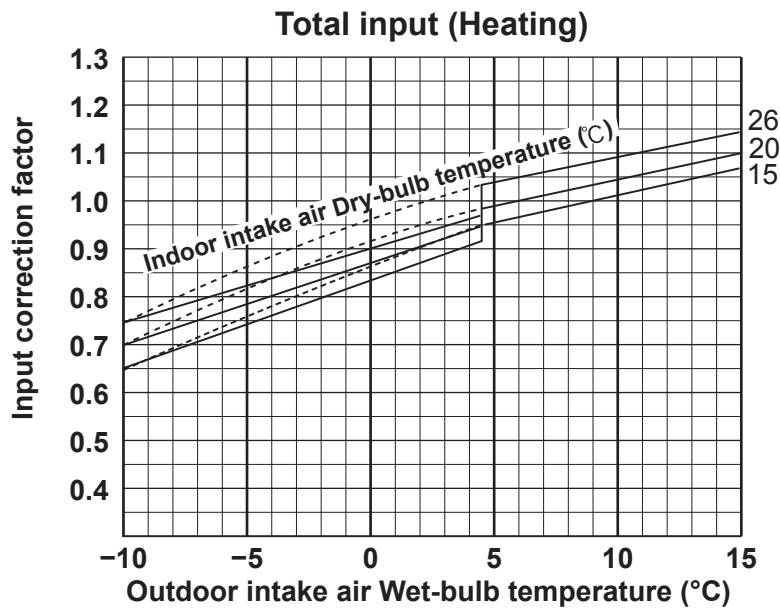
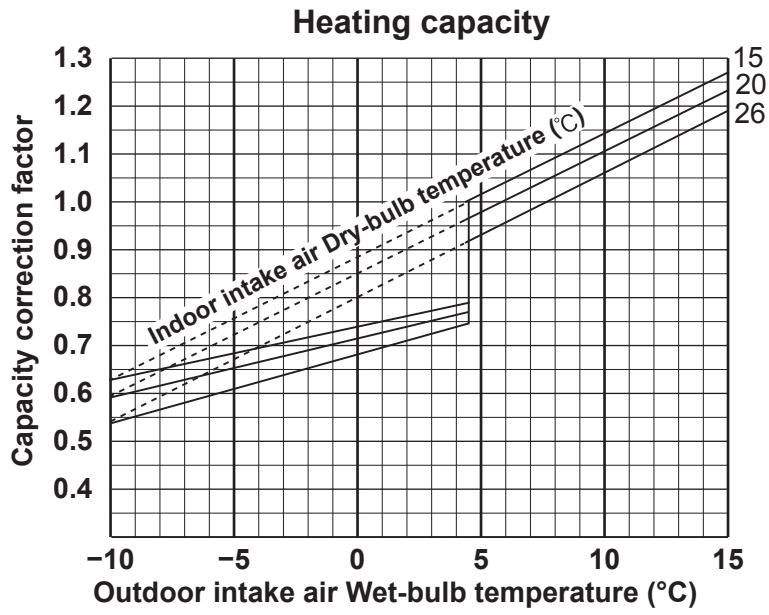
Lower limit of guaranteed operating range in cooling: -10°C

Lower limit of guaranteed operating range in cooling: -10°C

Lower limit of guaranteed operating range in cooling: -10°C

OUTDOOR UNIT PERFORMANCE CURVES

<HEATING>



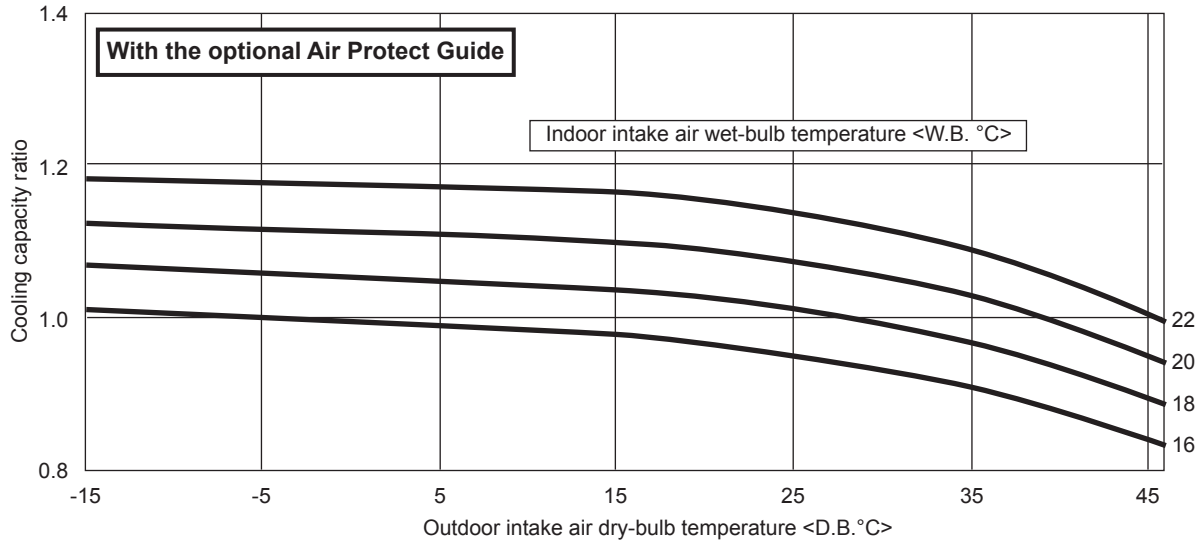
OUTDOOR UNIT

PERFORMANCE CURVES

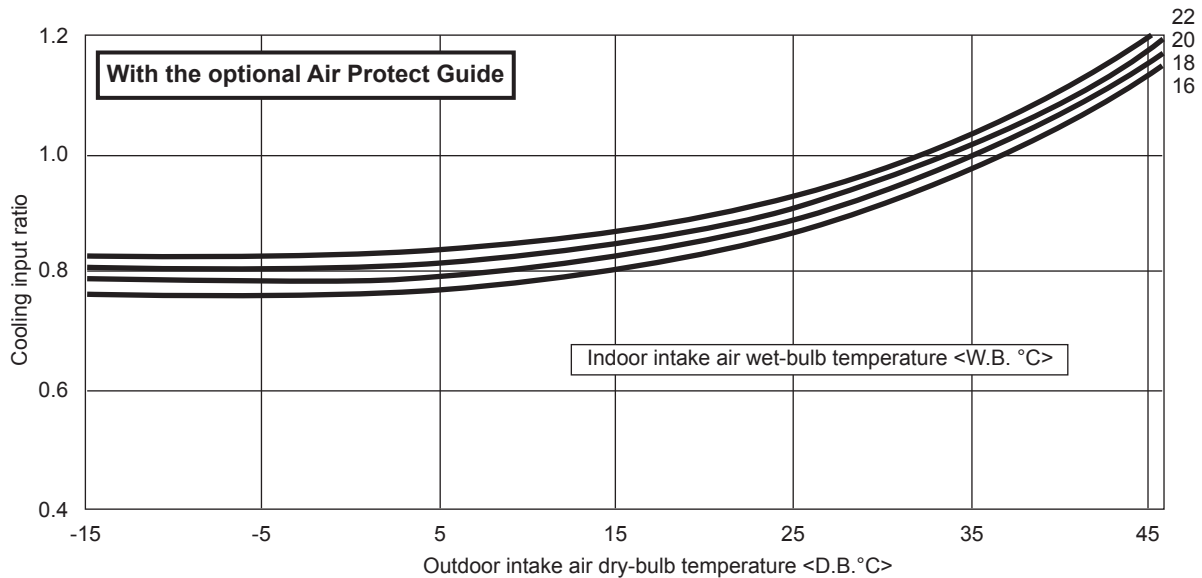
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C .

Cooling capacity



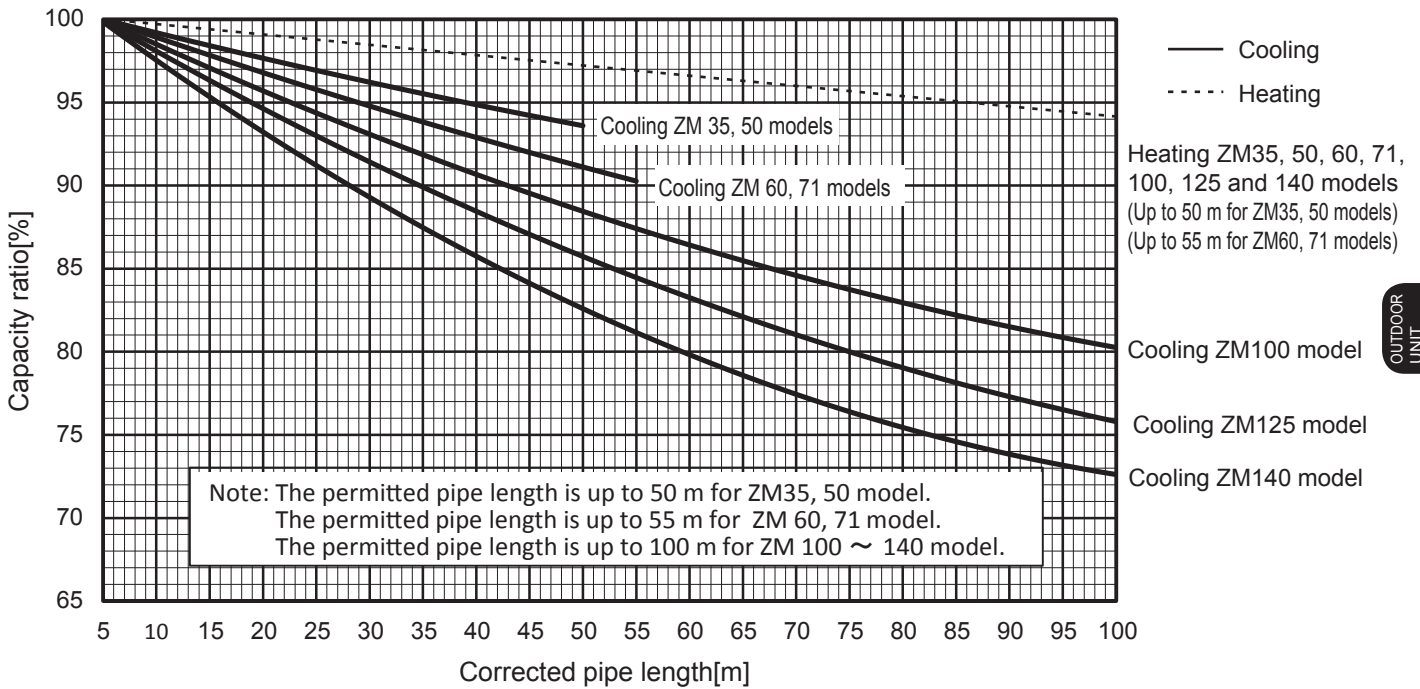
Cooling input



Applicable Models	Optional parts name	Optional parts No.	See page
PUZ-ZM35, 50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	E-256
PUZ-ZM60, 71		PAC-SH63AG-E	E-258
PUZ-ZM100, 125, 140 PUZ-M100, 125, 140 PUZ-SM100, 125, 140		PAC-SH95AG-E	E-261

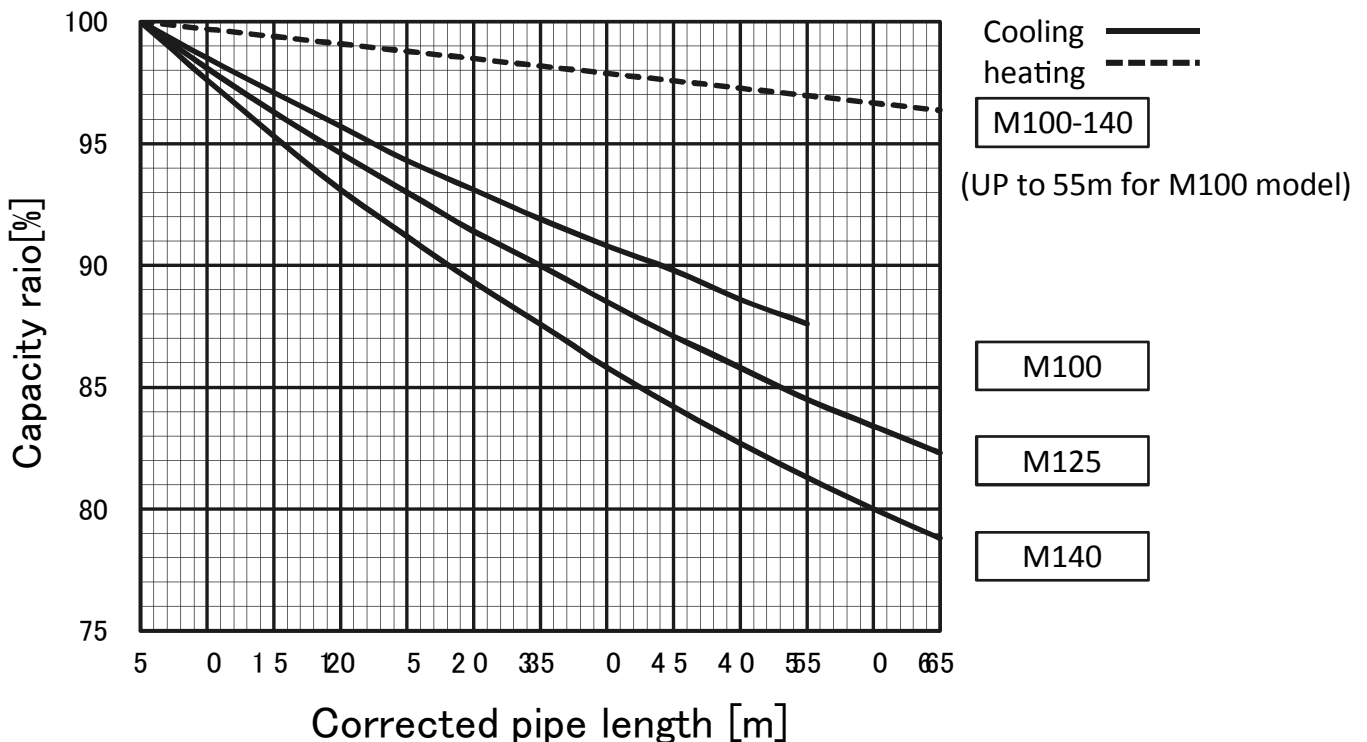
3 CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

PUZ-ZM35VKA **PUZ-ZM100VKA**
PUZ-ZM50VKA **PUZ-ZM100YKA**
PUZ-ZM60VHA **PUZ-ZM125VKA**
PUZ-ZM71VHA **PUZ-ZM125YKA**
 PUZ-ZM140VKA
 PUZ-ZM140YKA

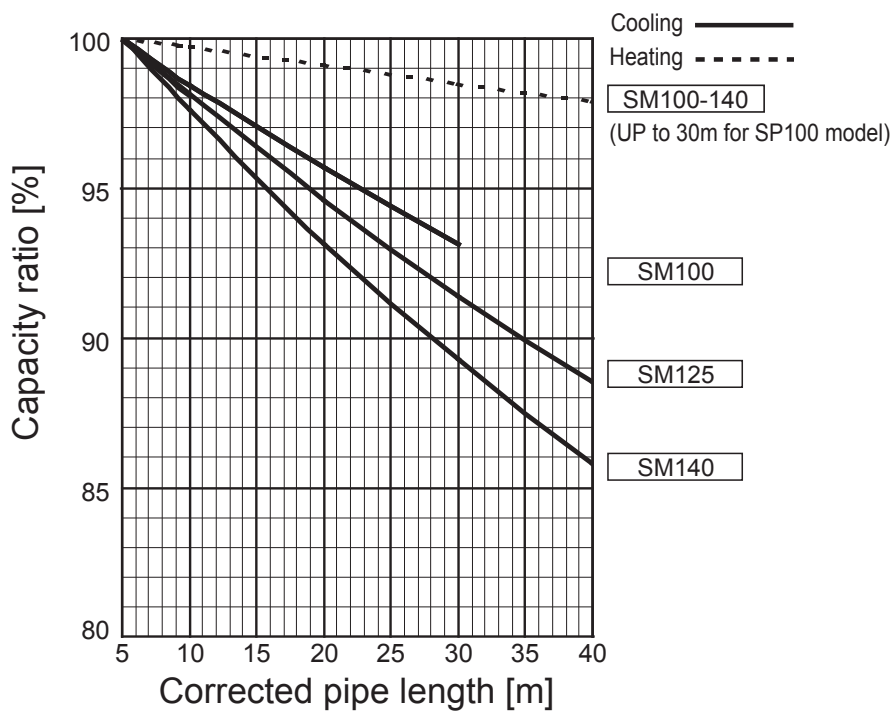


OUTDOOR UNIT PERFORMANCE CURVES

PUZ-M100VKA **PUZ-M140VKA**
PUZ-M100YKA **PUZ-M140YKA**
PUZ-M125VKA
PUZ-M125YKA



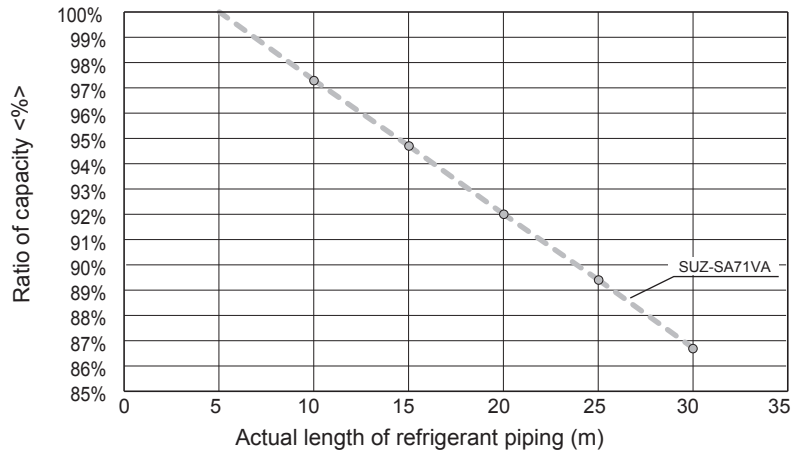
PUZ-SM100VKA
 PUZ-SM100YKA
 PUZ-SM125VKA
 PUZ-SM125YKA
 PUZ-SM140VKA
 PUZ-SM140YKA



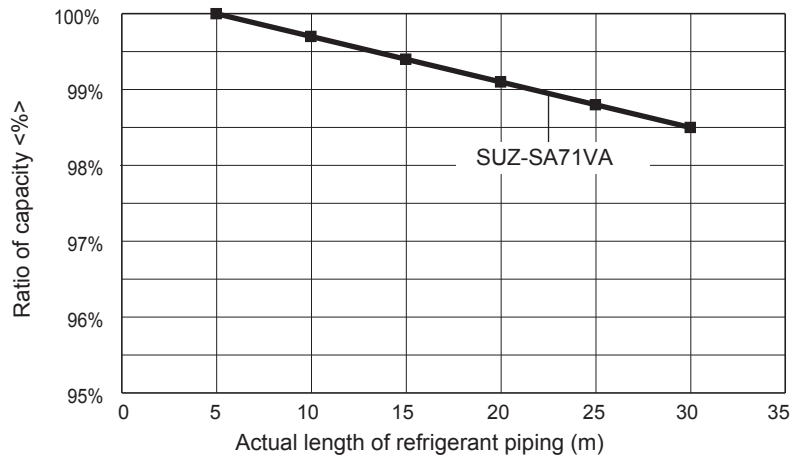
OUTDOOR UNIT
 PERFORMANCE CURVES

SUZ-SM71VA

Correction ratio of capacity according to the length of piping (cooling)



Correction ratio of capacity according to the length of piping (heating)



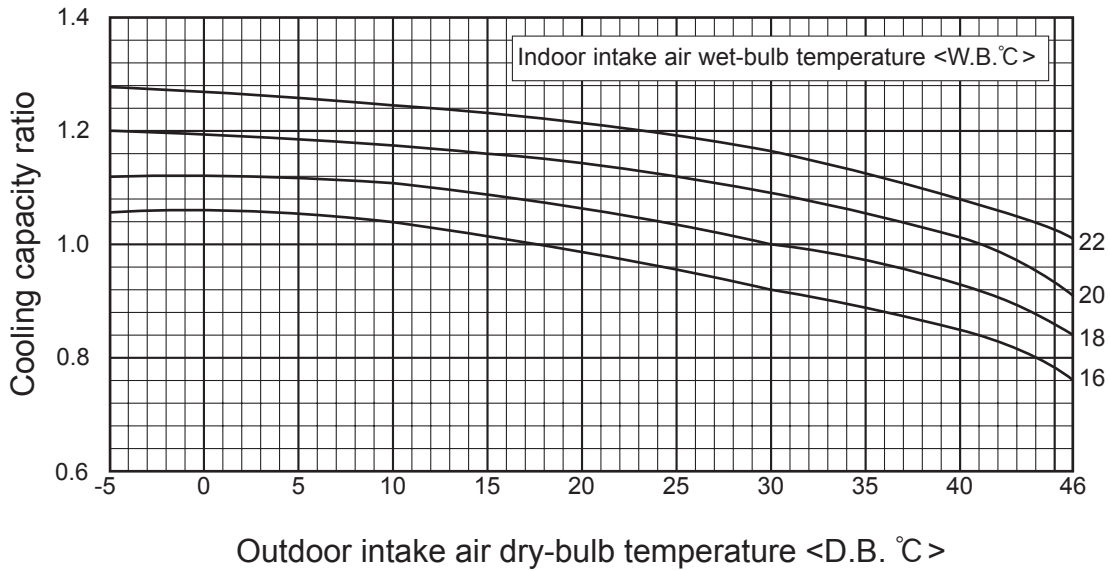
OUTDOOR UNIT

PERFORMANCE CURVES

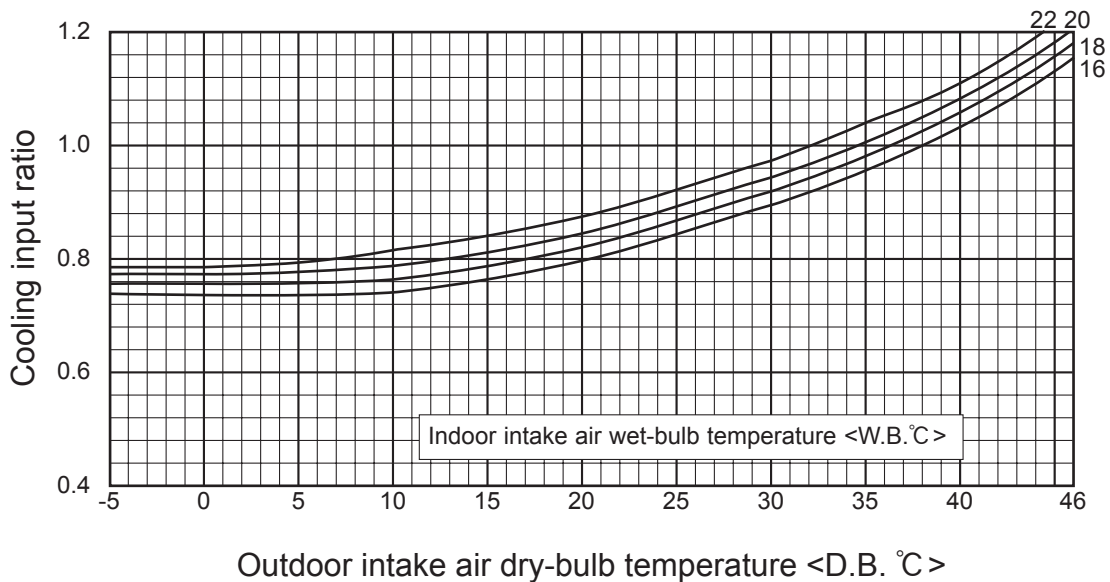
A.8.4.2 R410A type

**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



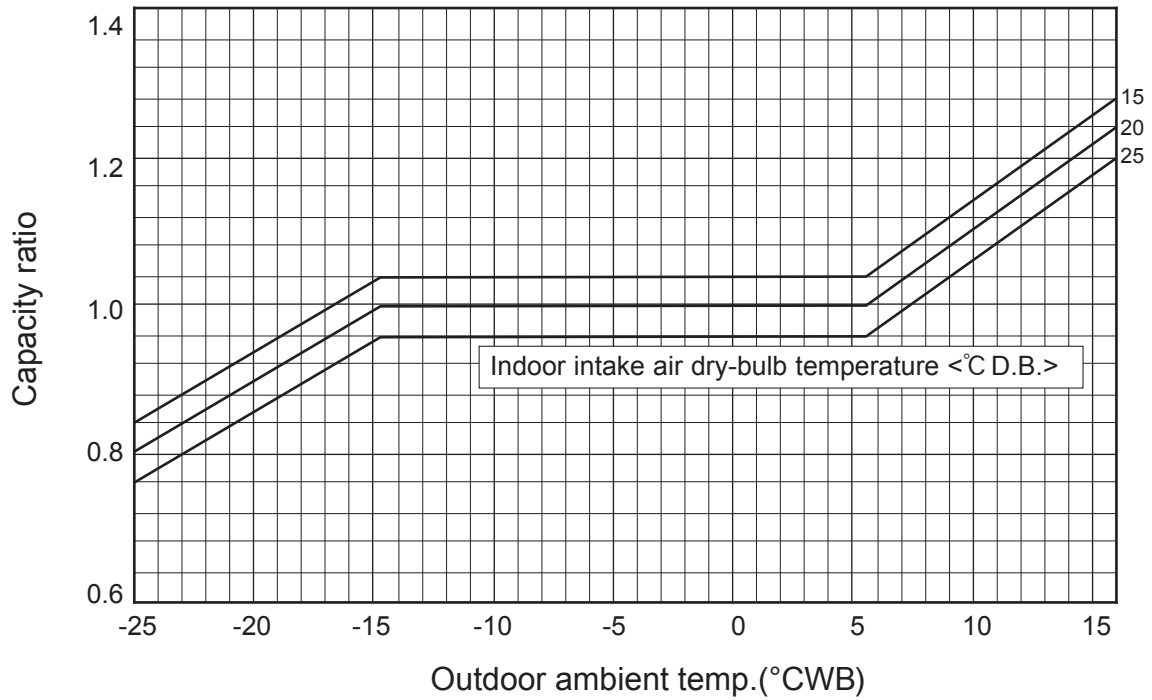
Cooling input



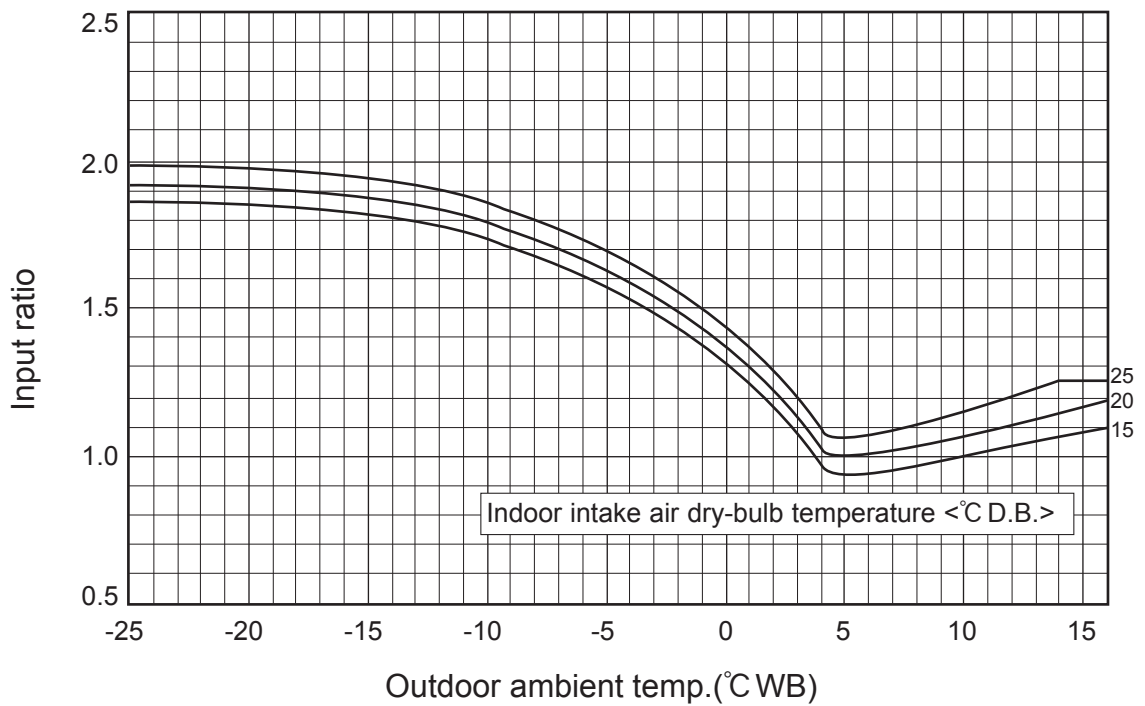
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

OUTDOOR UNIT PERFORMANCE CURVES

Heating capacity



Heating input



OUTDOOR UNIT

PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT

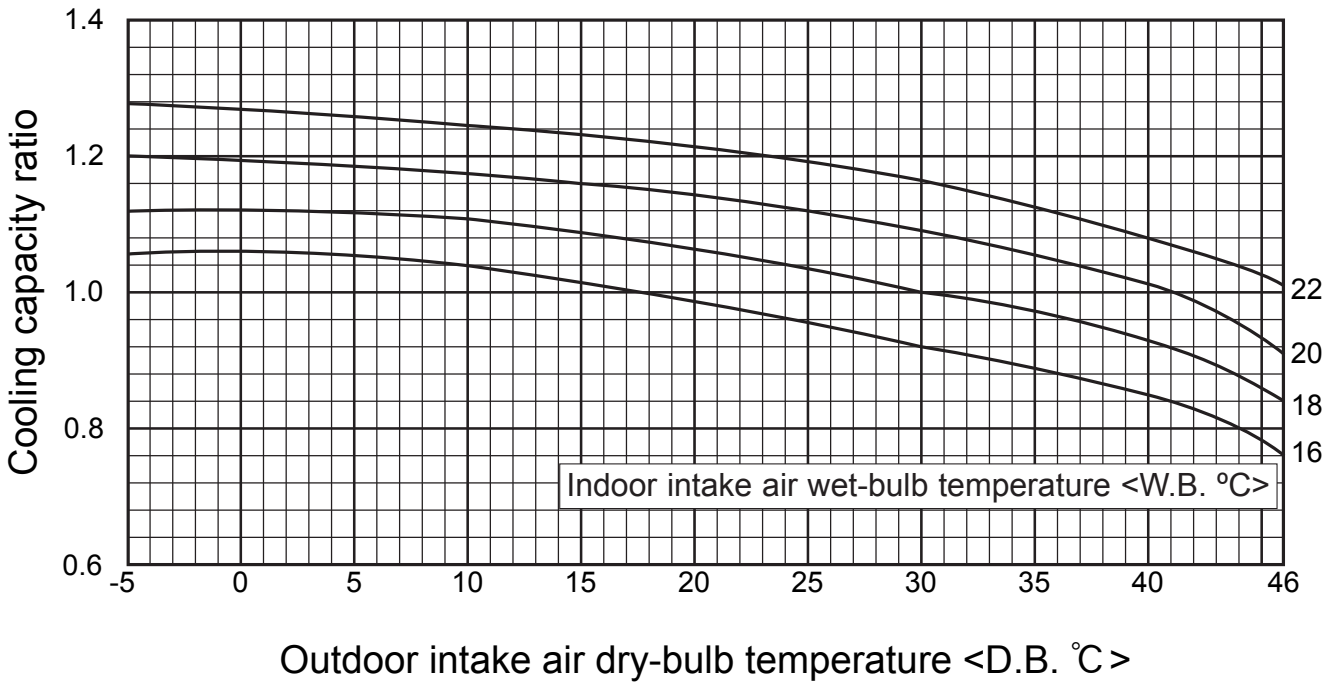
PUHZ-ZRP35VKA2
 PUHZ-ZRP50VKA2
 PUHZ-ZRP60VHA2
 PUHZ-ZRP71VHA2

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

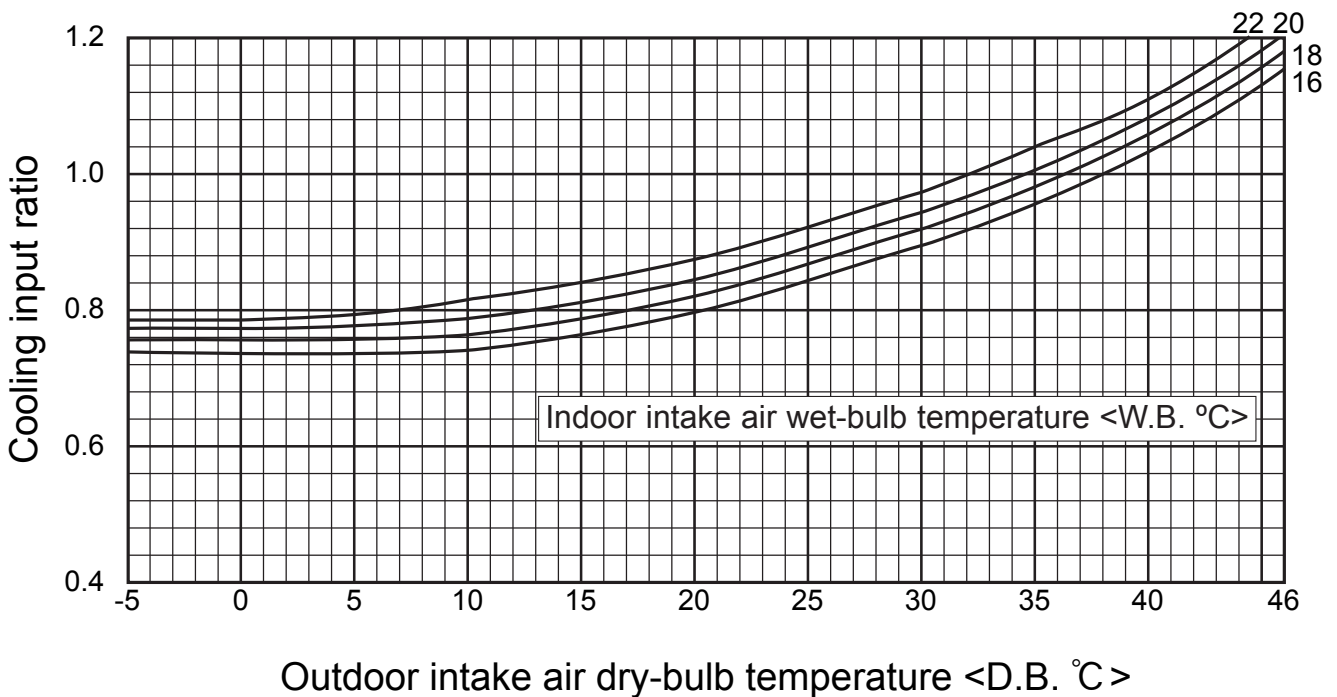
PUHZ-SP100YKA
 PUHZ-SP125VKA
 PUHZ-SP125YKA
 PUHZ-SP140VKA
 PUHZ-SP140YKA
 PUHZ-FRP71VHA2

Cooling capacity



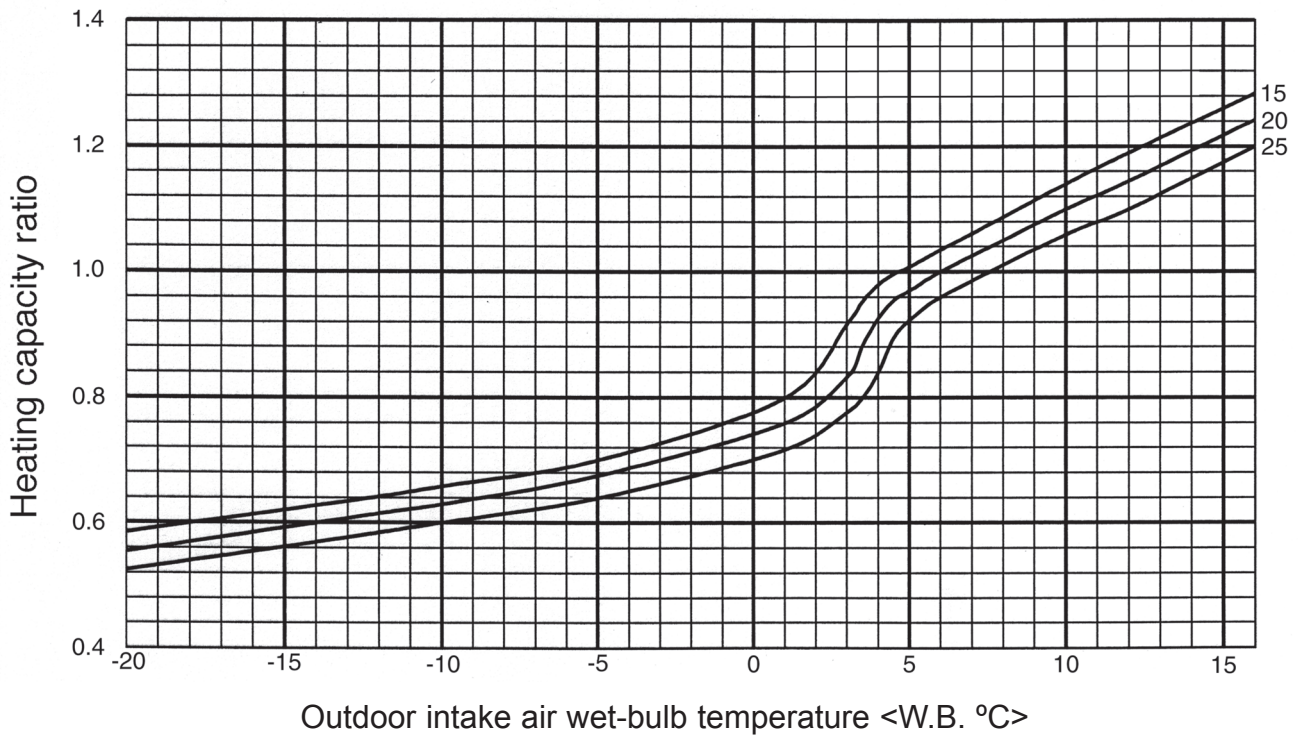
OUTDOOR UNIT PERFORMANCE CURVES

Cooling input

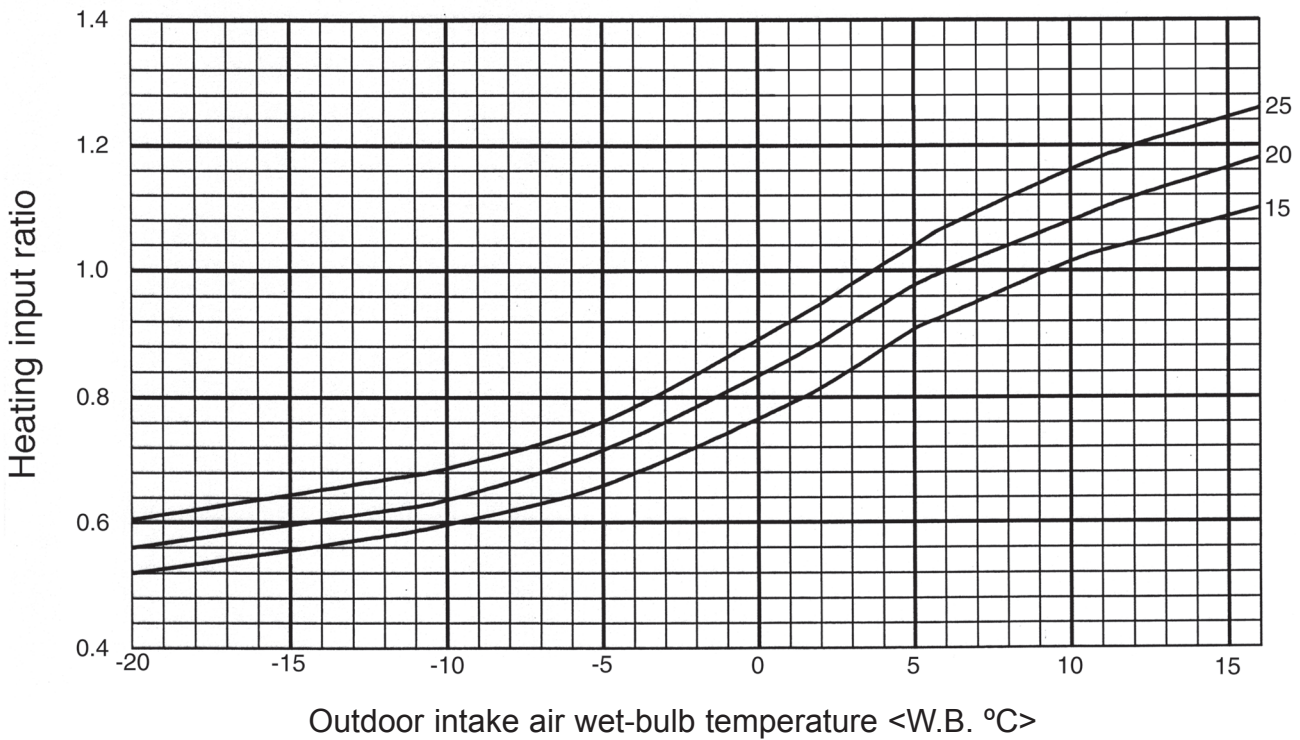


Note : This diagrams show the case where the operation frequency of a compressor is fixed.

Heating capacity



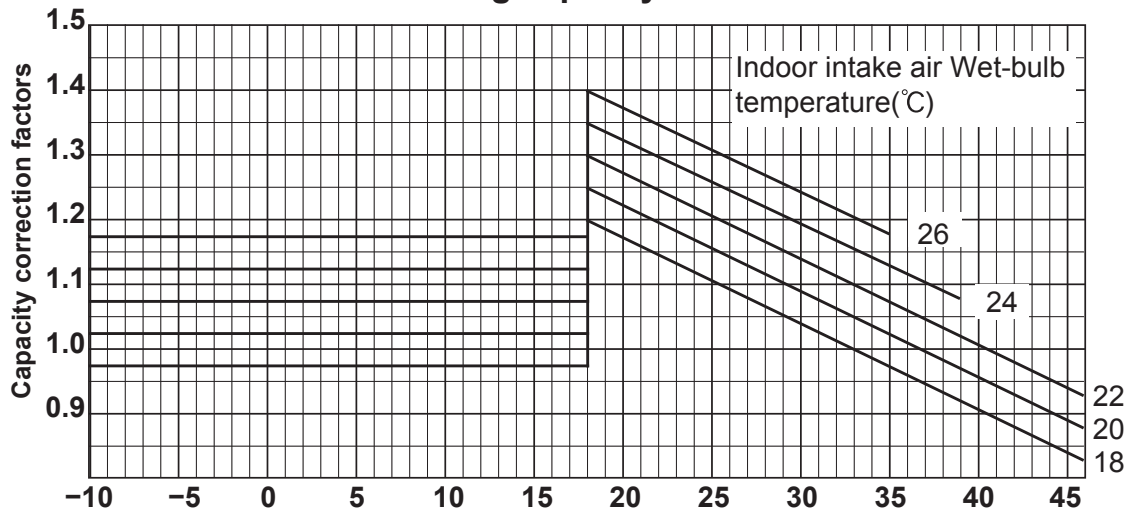
Heating input



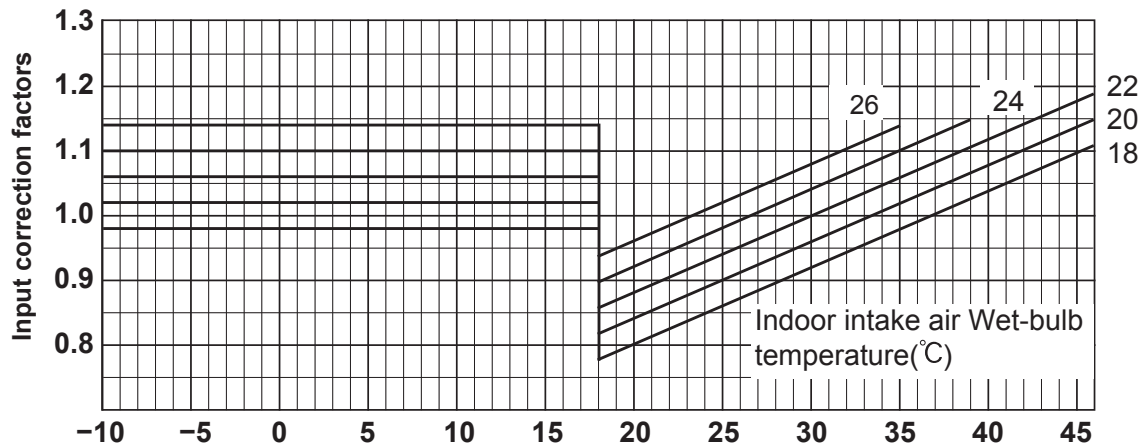
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

FOR THE COMBINATION OF OUTDOOR UNIT SUZ-SA71VA3 SUZ-SA100VA2
 <COOLING>

Cooling capacity



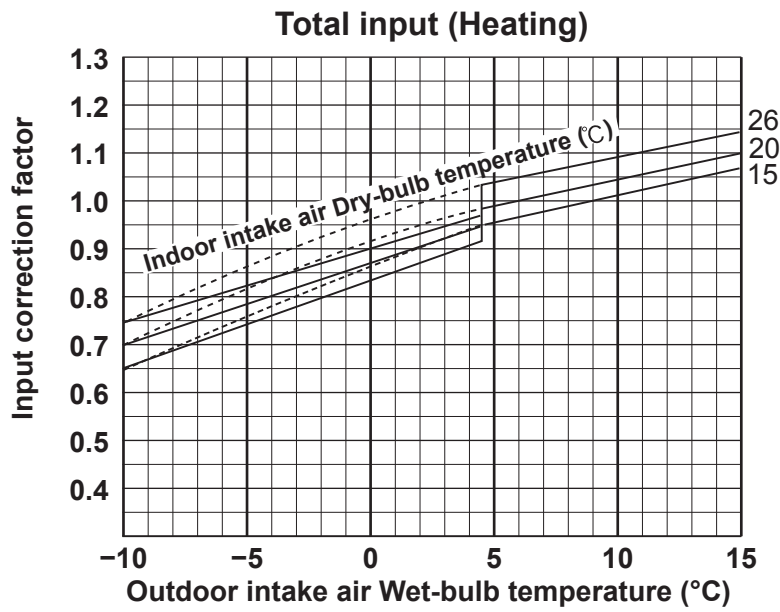
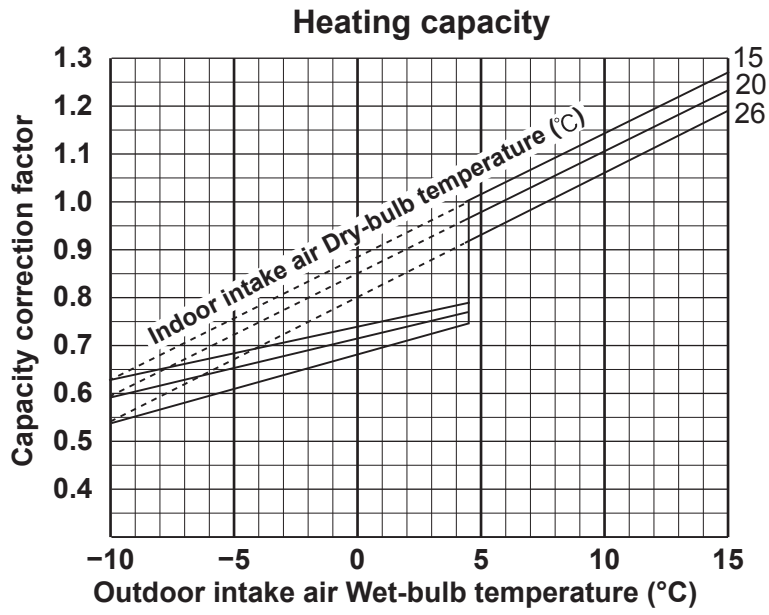
Total input (Cooling)



Lower limit of guaranteed operating range in cooling: -10°C

OUTDOOR UNIT PERFORMANCE CURVES

<HEATING>



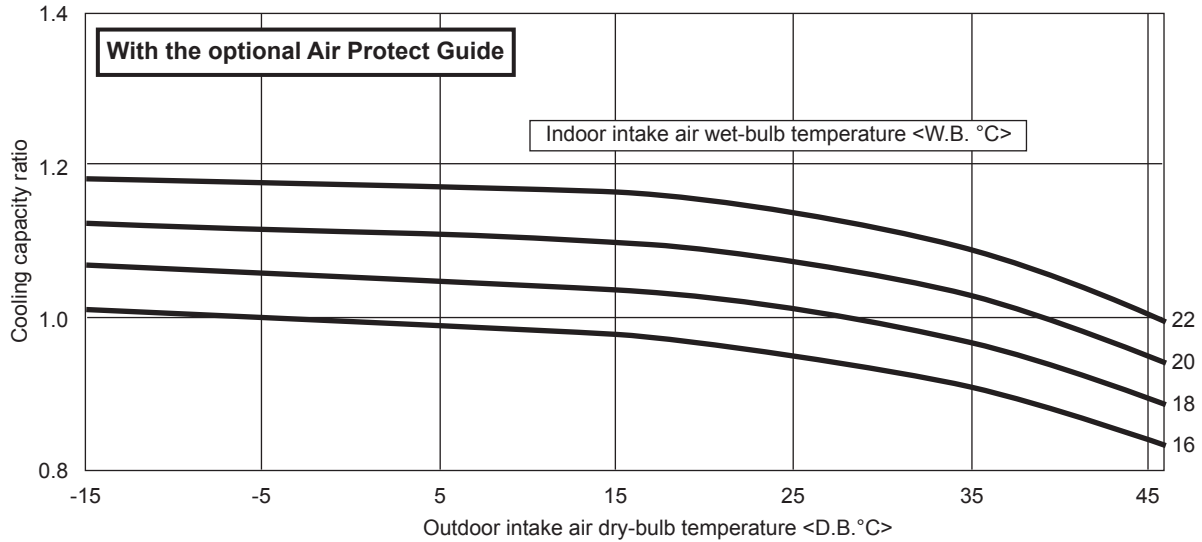
OUTDOOR UNIT

PERFORMANCE CURVES

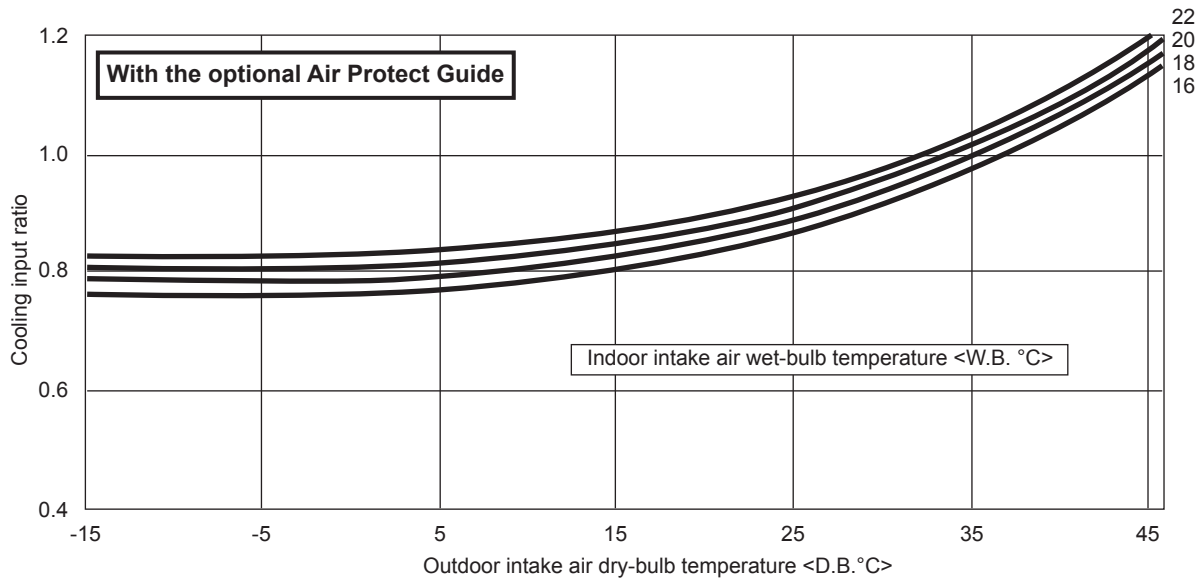
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



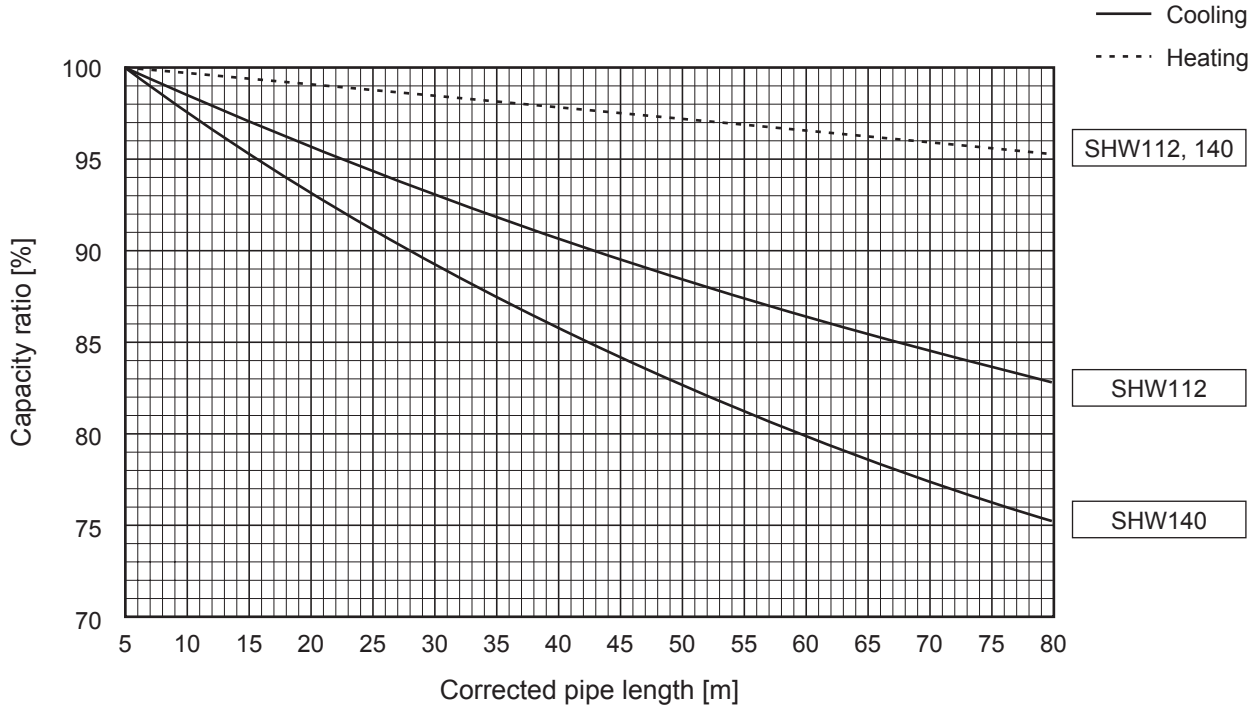
Cooling input



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-256
PUHZ-ZRP60, 71 PUHZ-SHW112, 140 PUHZ-FRP71VHA2		PAC-SH63AG-E	E-258
PUHZ-ZRP100, 125, 140 PUHZ-ZRP200, 250 PUHZ-P200, 250 PUHZ-SHW230 PUHZ-P100, 125, 140 PUHZ-SP100, 125, 140		PAC-SH95AG-E	E-261

3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

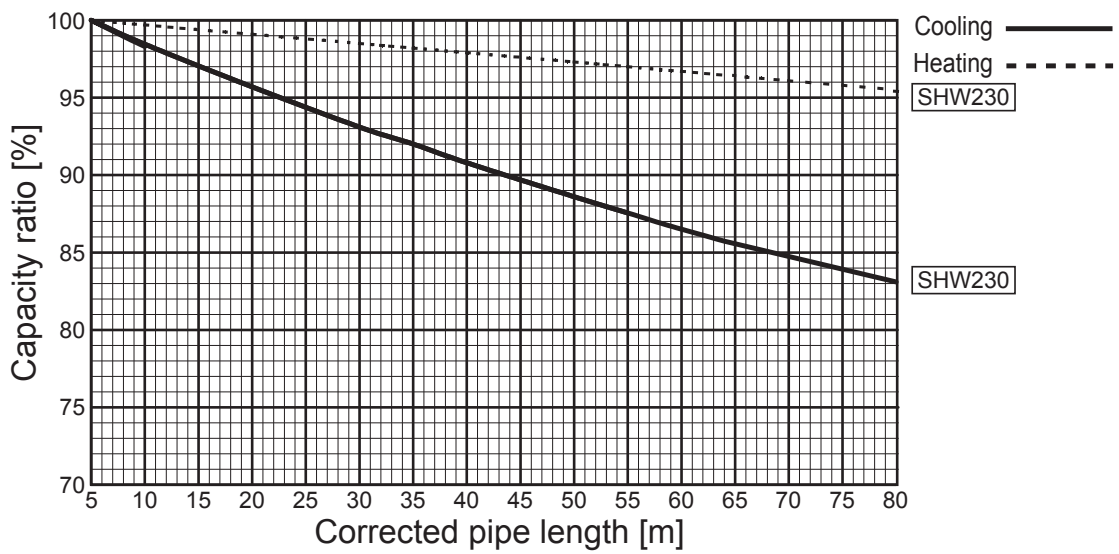
PUHZ-SHW112VHA
 PUHZ-SHW112YHA
 PUHZ-SHW140YHA



OUTDOOR UNIT

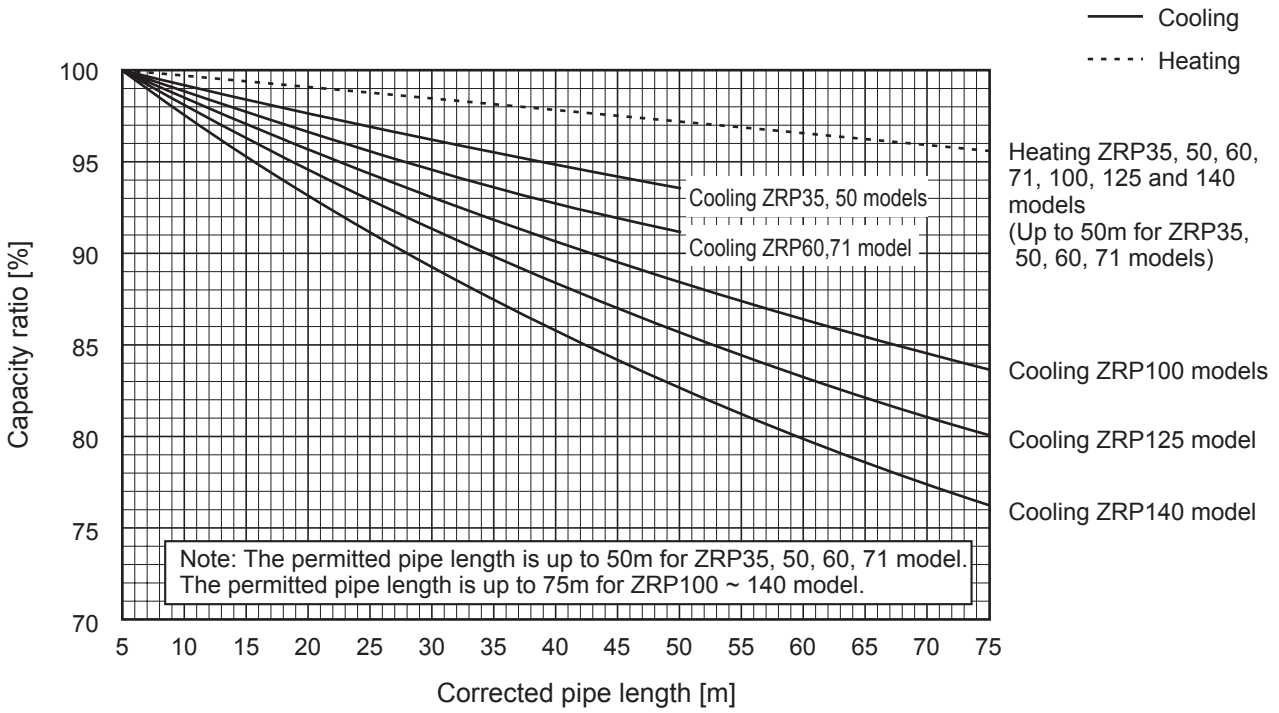
PERFORMANCE CURVES

PUHZ-SHW230YKA2

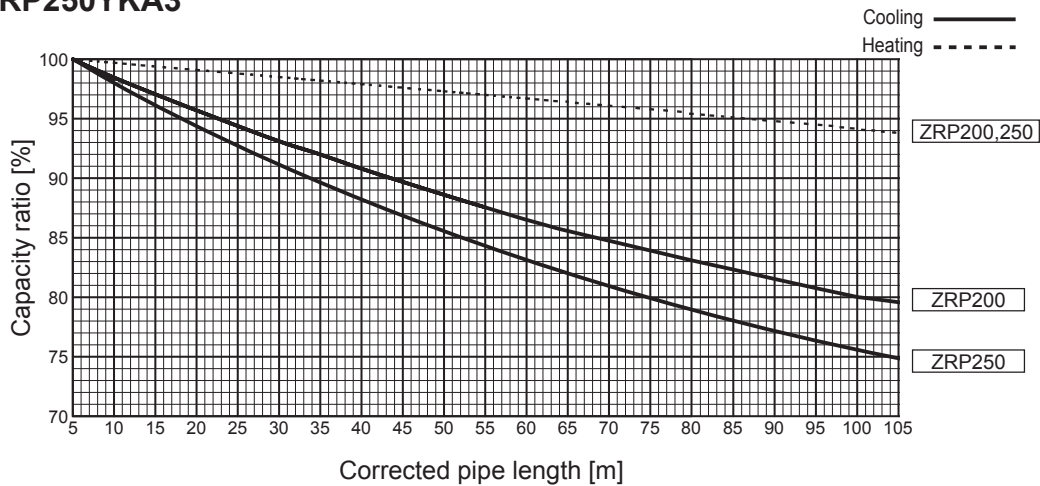


PUHZ-ZRP35VKA2
 PUHZ-ZRP50VKA2
 PUHZ-ZRP60VHA2
 PUHZ-ZRP71VHA2
 PUHZ-ZRP100VKA3
 PUHZ-ZRP100YKA3
 PUHZ-ZRP125VKA3
 PUHZ-ZRP125YKA3
 PUHZ-ZRP140VKA3
 PUHZ-ZRP140YKA3

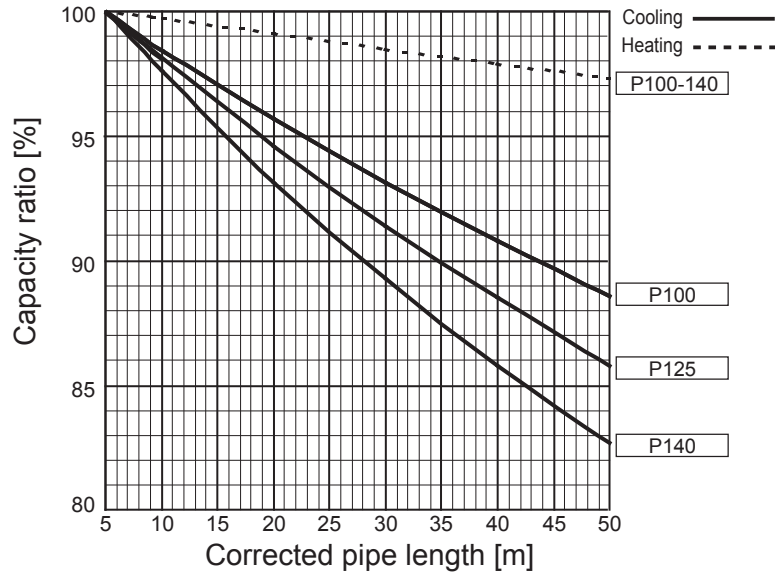
OUTDOOR UNIT PERFORMANCE CURVES



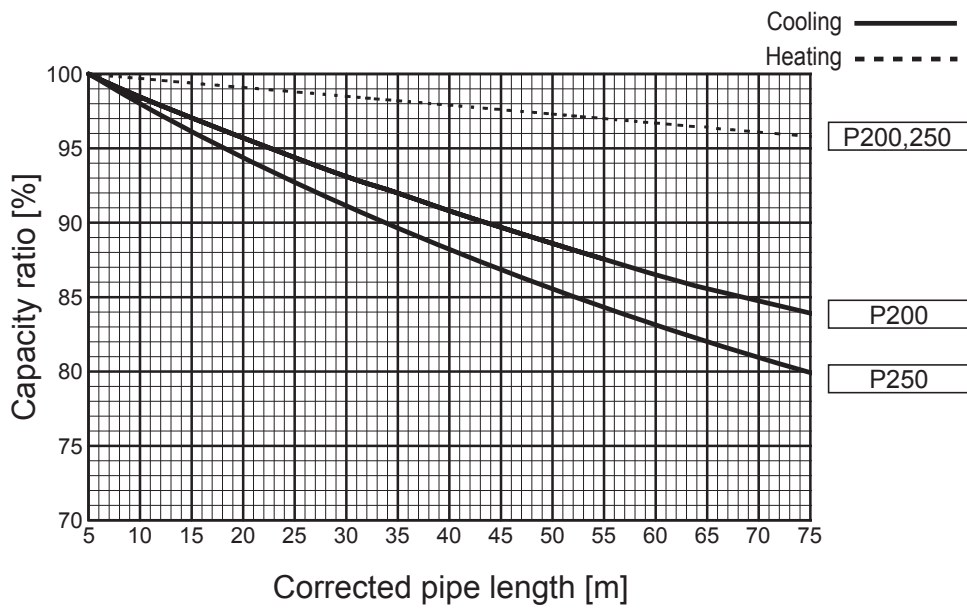
PUHZ-ZRP200YKA3
 PUHZ-ZRP250YKA3



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



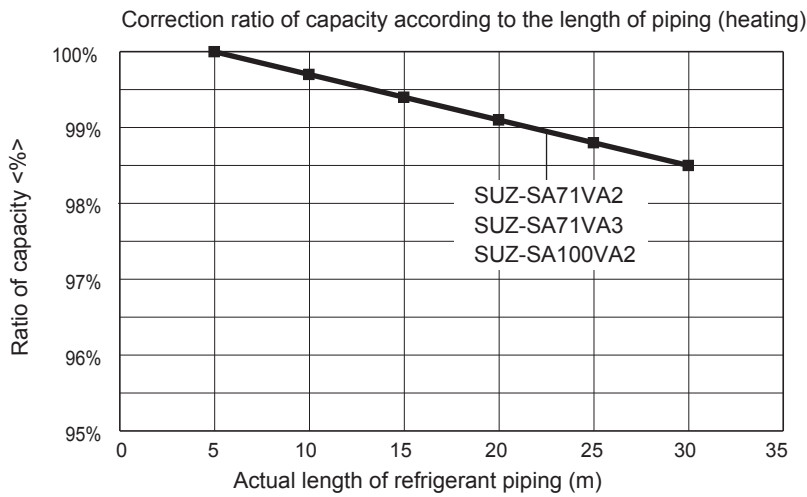
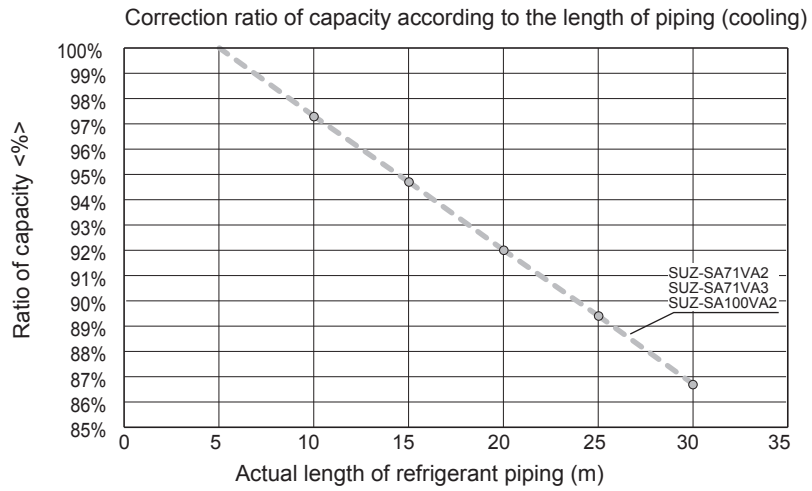
PUHZ-P200YKA3
 PUHZ-P250YKA3



OUTDOOR UNIT

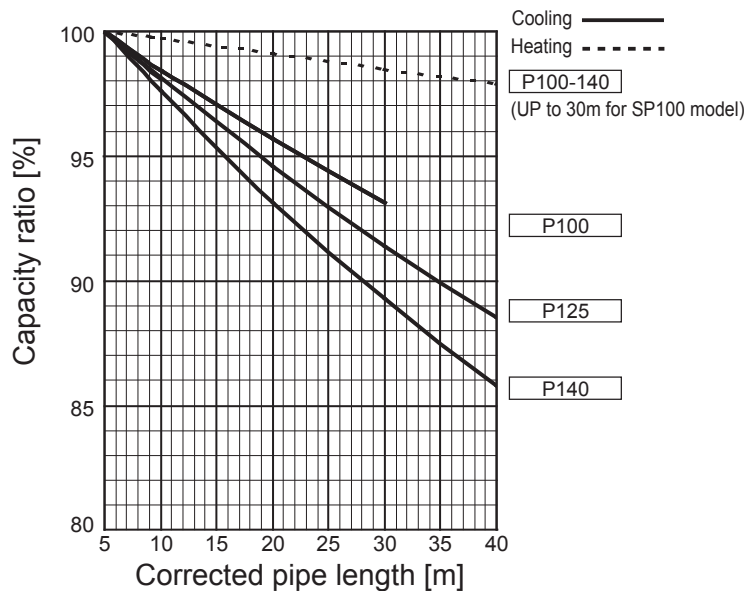
PERFORMANCE CURVES

SUZ-SA71VA2
SUZ-SA71VA3
SUZ-SA100VA2



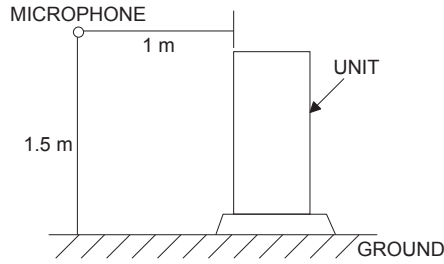
OUTDOOR UNIT PERFORMANCE CURVES

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



A.8.5 NOISE CRITERIA CURVES

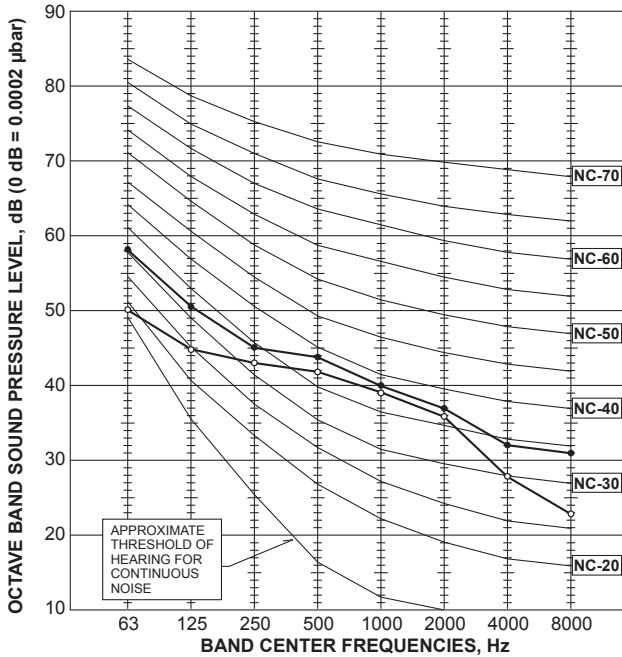
A.8.5.1 R32 type



- <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.

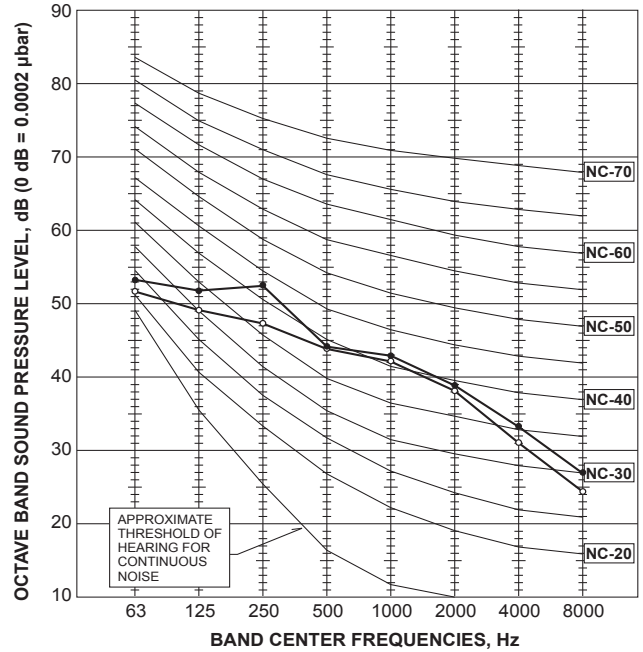
**PUZ-ZM35VKA
PUZ-ZM50VKA**

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



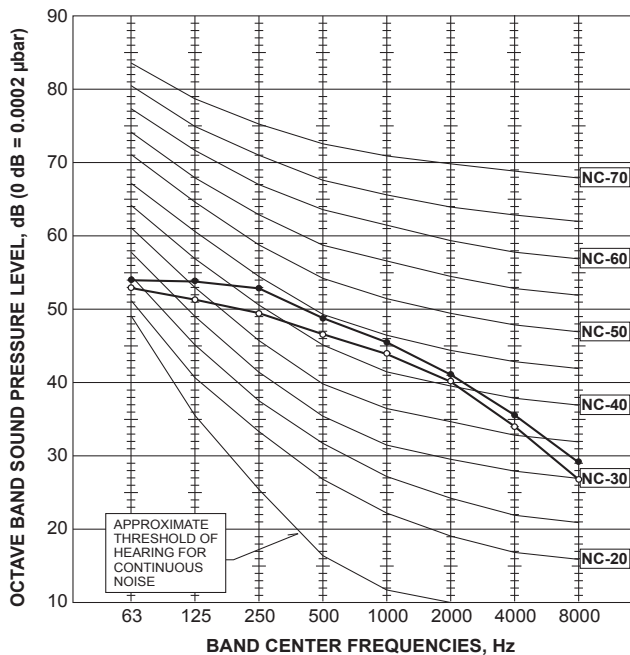
**PUZ-ZM60VHA
PUZ-ZM71VHA**

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	49	●—●



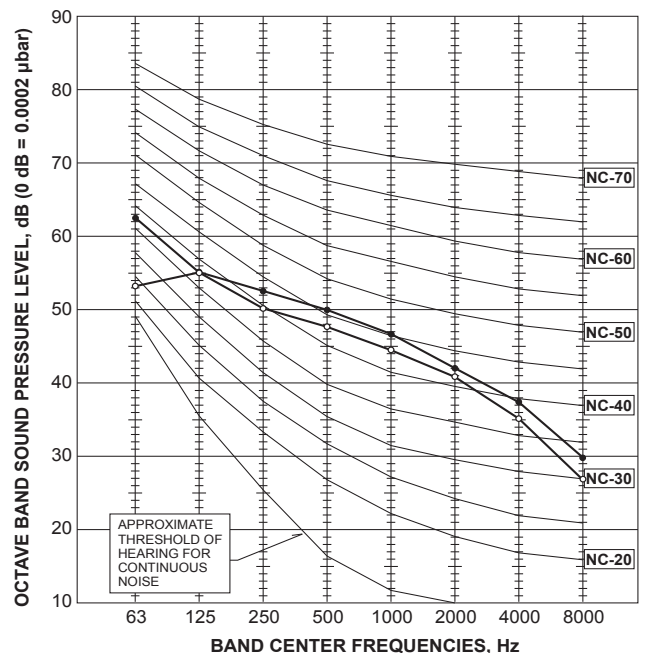
**PUZ-ZM100VKA
PUZ-ZM100YKA**

MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●

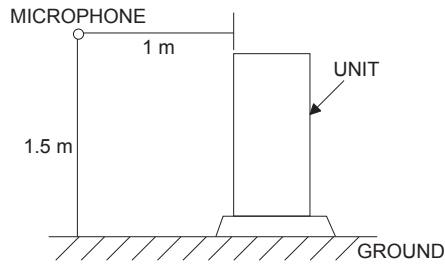


**PUZ-ZM125VKA
PUZ-ZM125YKA
PUZ-ZM140VKA
PUZ-ZM140YKA**

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



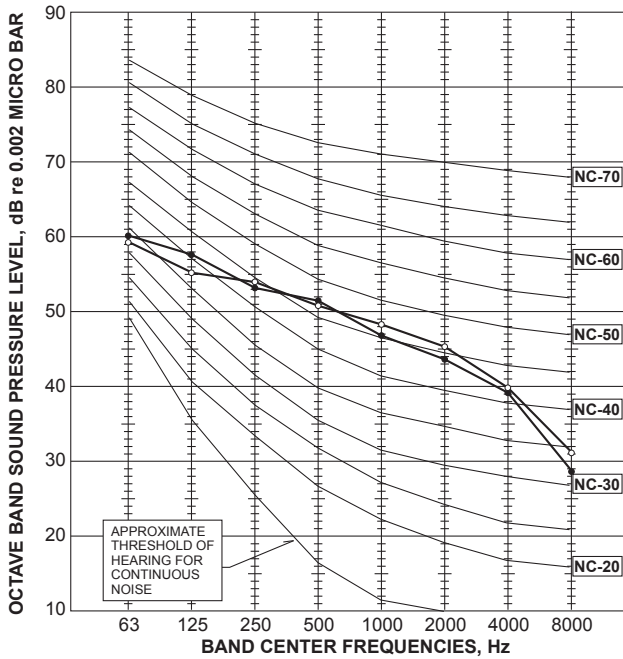
OUTDOOR UNIT NOISE CRITERIA CURVES



- <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.

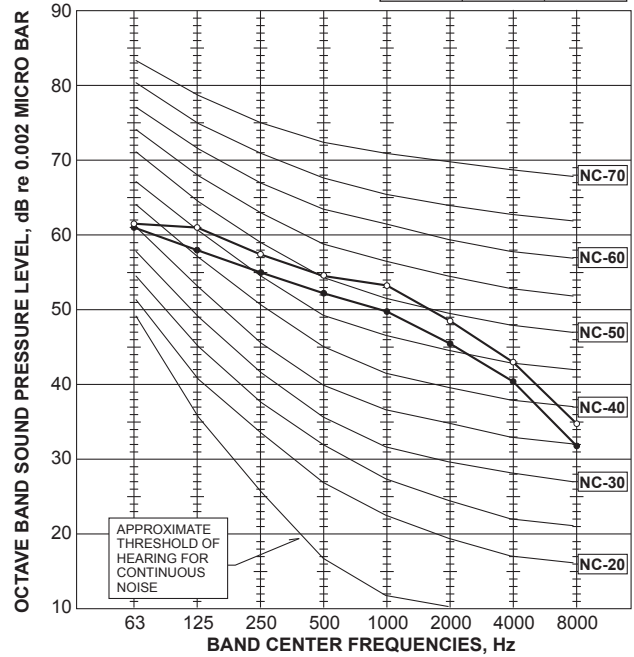
**PUZ-M100VKA
PUZ-M100YKA
PUZ-SM100VKA
PUZ-SM100YKA**

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



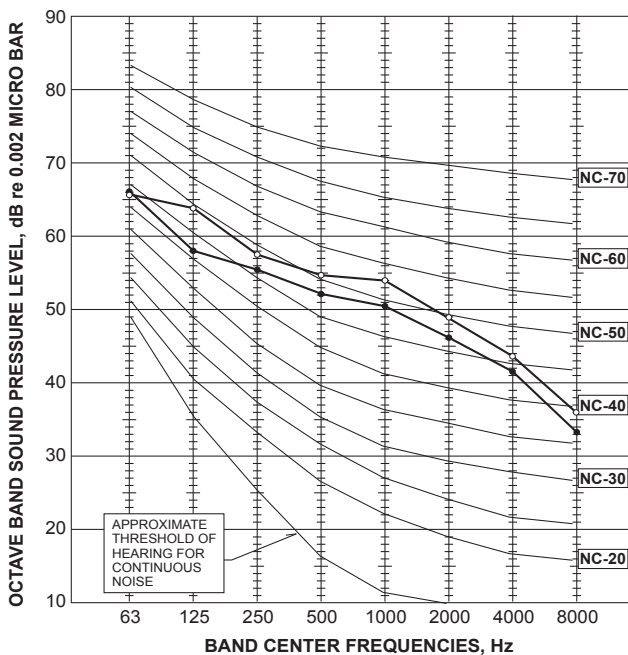
**PUZ-M125VKA
PUZ-M125YKA
PUZ-SM125VKA
PUZ-SM125YKA**

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



**PUZ-M140VKA
PUZ-M140YKA
PUZ-SM140VKA
PUZ-SM140YKA**

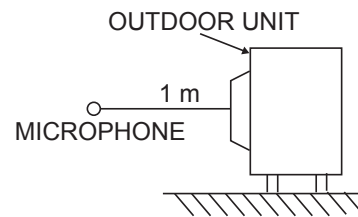
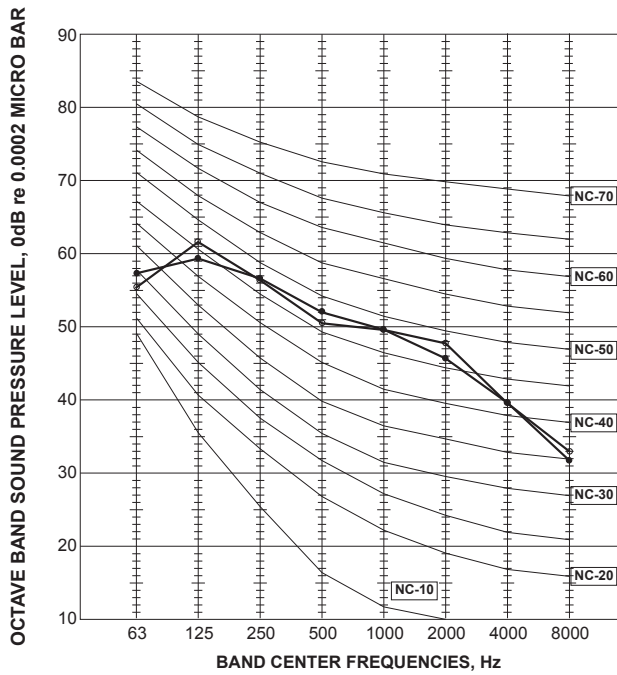
MODE	SPL(dB)	LINE
COOLING	55	●—●
HEATING	57	○—○



OUTDOOR UNIT NOISE CRITERIA CURVES

SUZ-SM71VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○

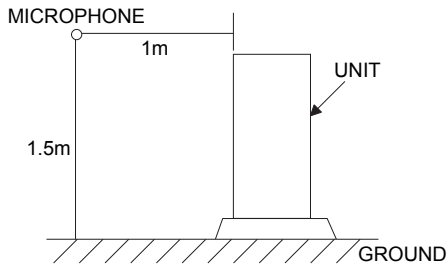


Test conditions
 Cooling: Dry-bulb temperature 35°C
 Heating: Dry-bulb temperature 7°C
 Wet-bulb temperature 6°C

OUTDOOR UNIT

NOISE CRITERIA CURVES

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.

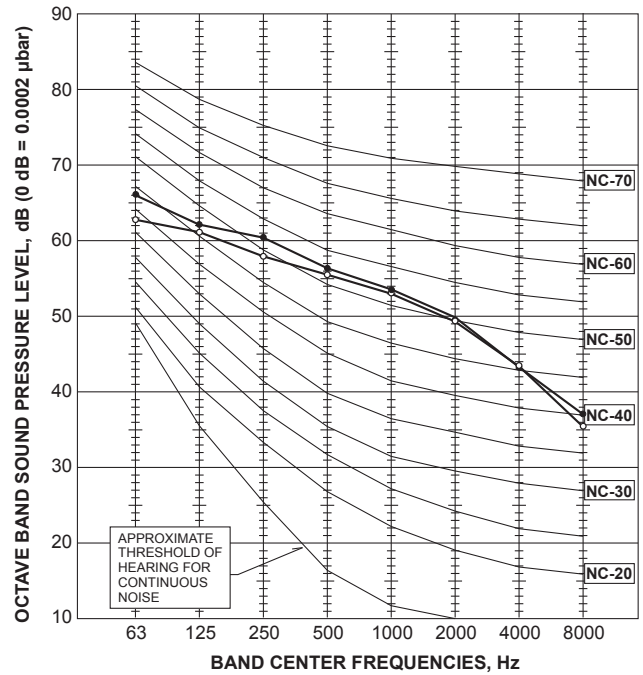
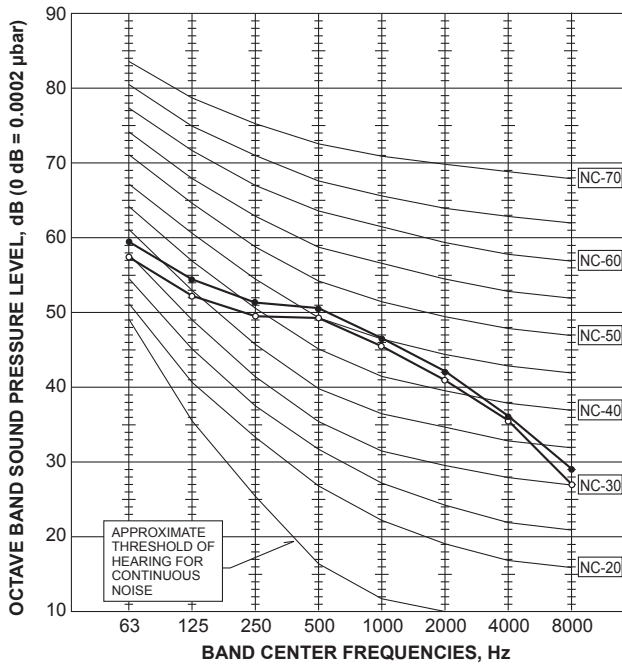
PUHZ-SHW112VHA(-BS)
 PUHZ-SHW112YHA(-BS)
 PUHZ-SHW140YHA(-BS)

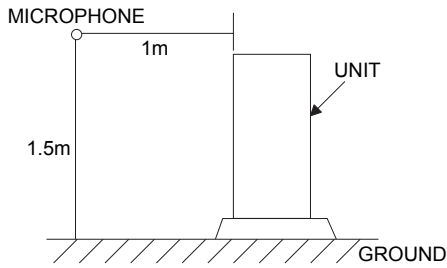
MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	52	●—●

PUHZ-SHW230YKA2

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	59	●—●

OUTDOOR UNIT NOISE CRITERIA CURVES



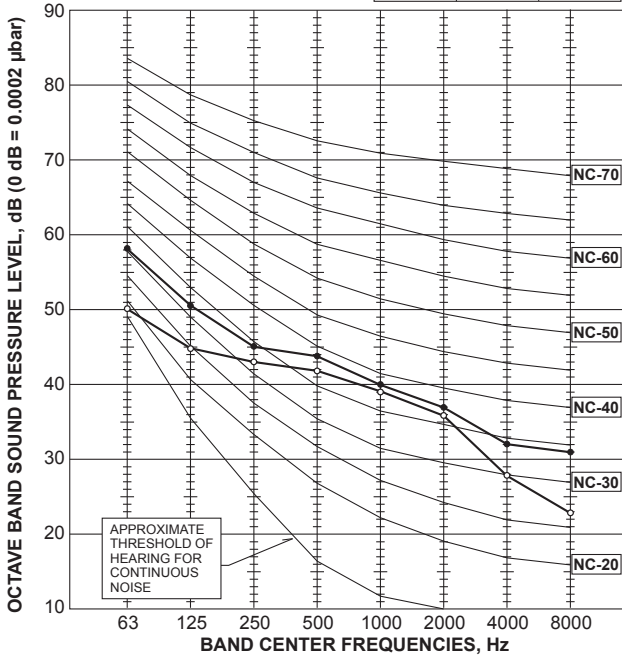


<Notes>

- 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.

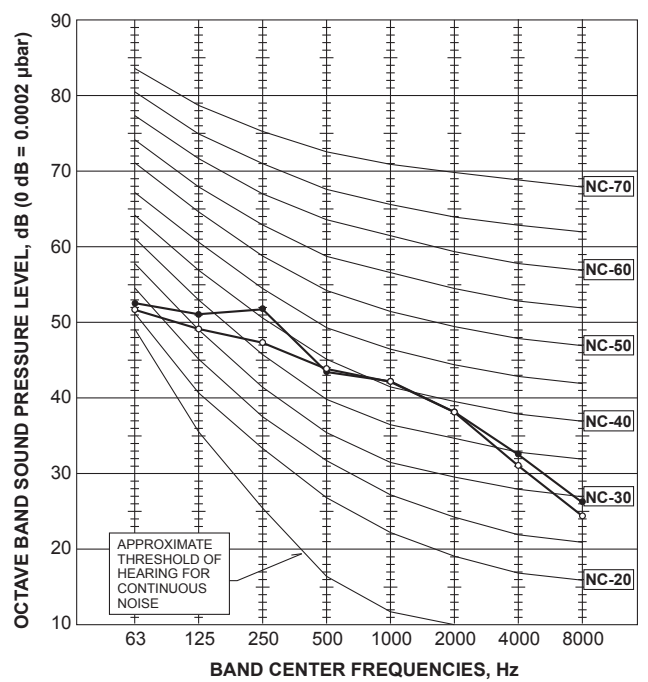
PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



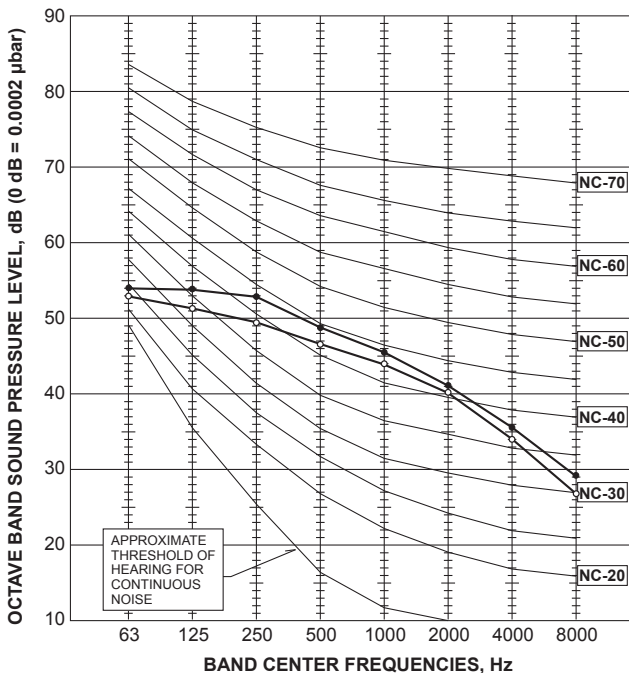
PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	48	●—●



PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3

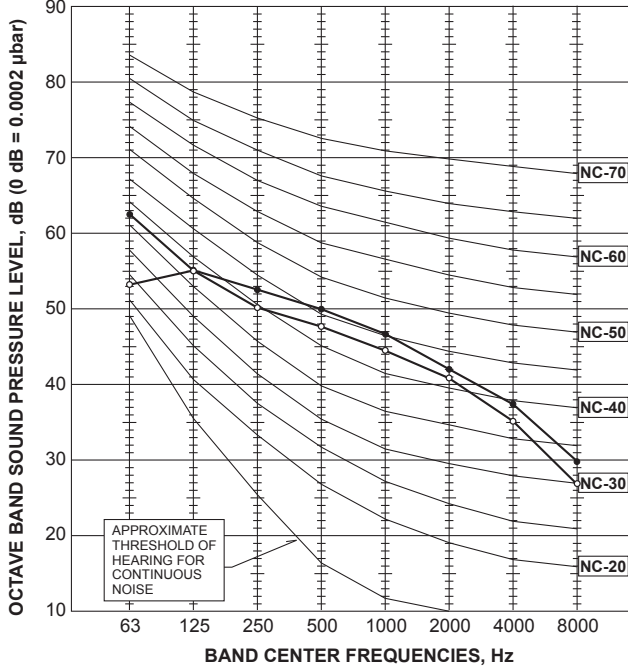
MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

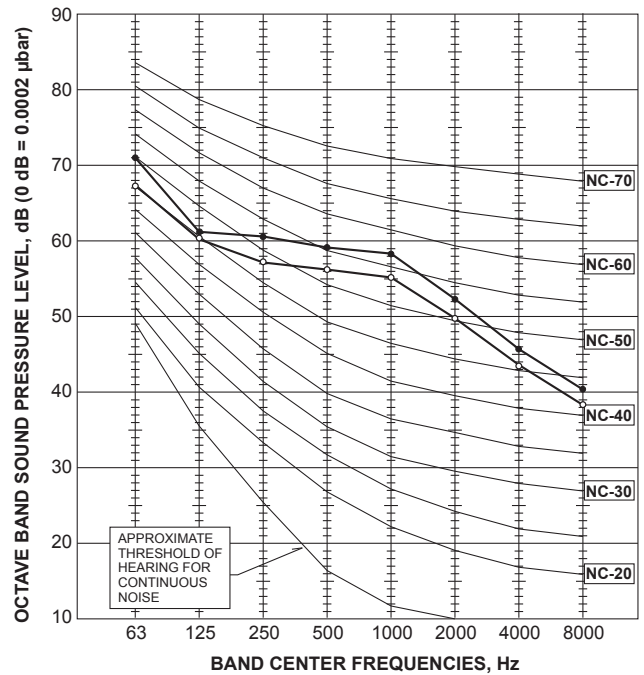
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



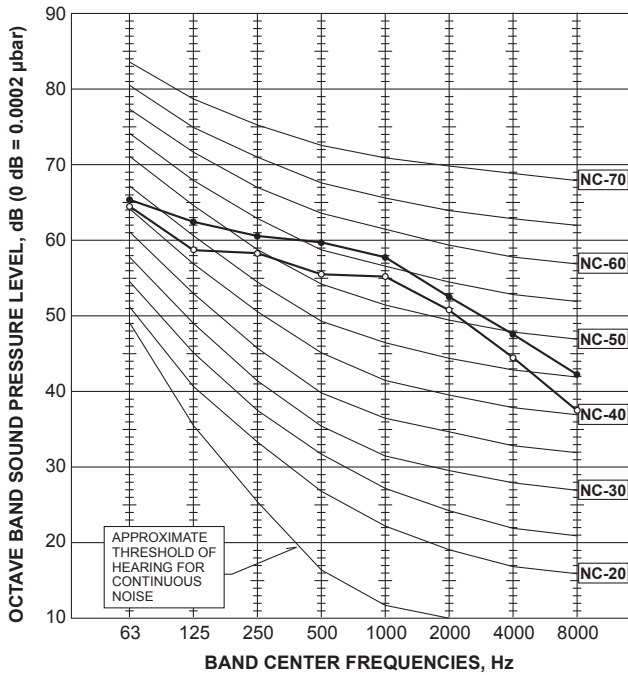
PUHZ-ZRP200YKA3

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



PUHZ-ZRP250YKA3

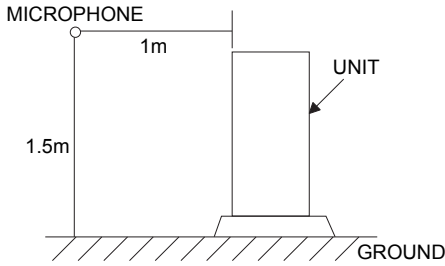
MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



<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

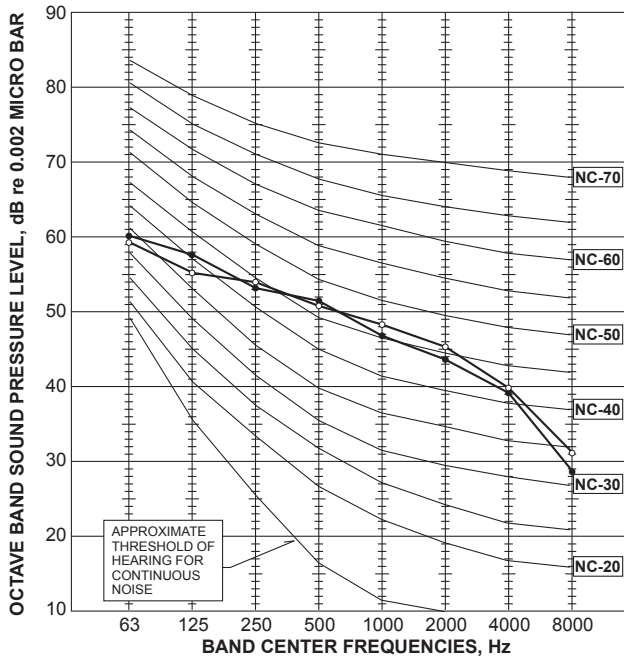


<Notes>

- 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.

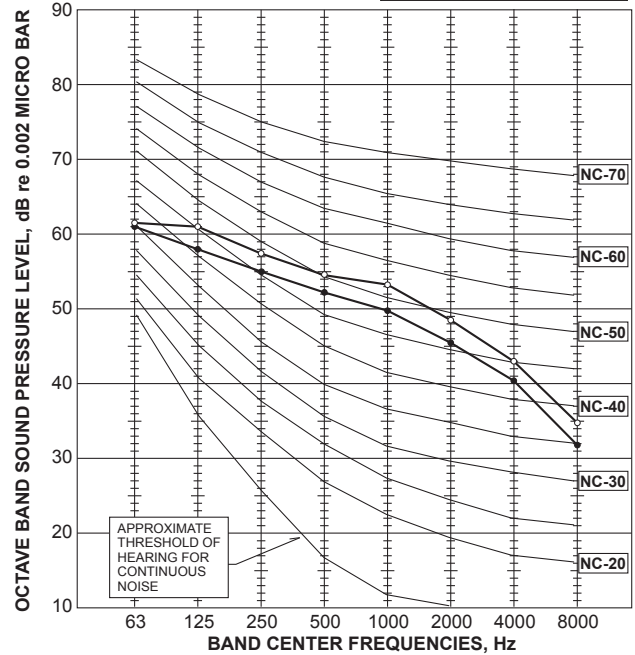
PUHZ-P100VKA
PUHZ-P100YKA

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



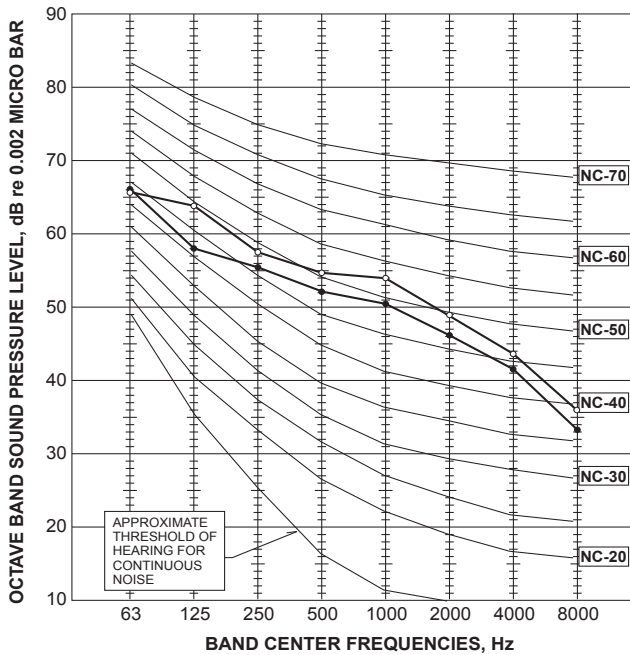
PUHZ-P125VKA
PUHZ-P125YKA

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



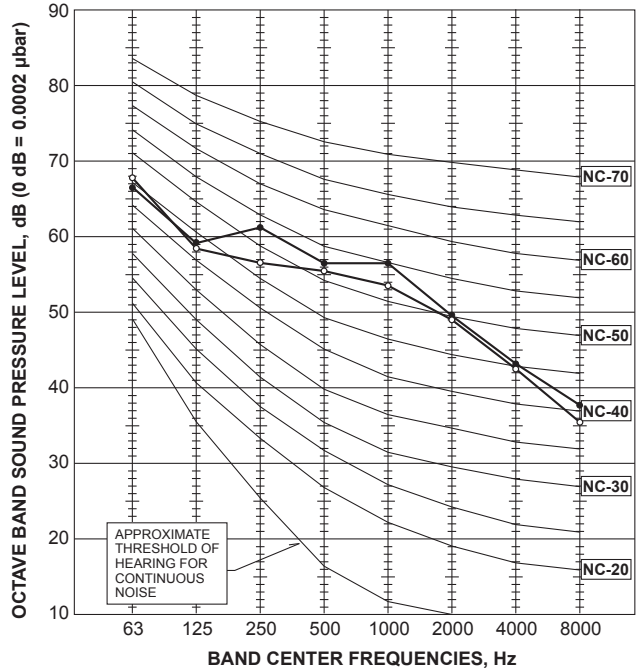
PUHZ-P140VKA
PUHZ-P140YKA

MODE	SPL(dB)	LINE
COOLING	56	●—●
HEATING	57	○—○



PUHZ-P200YKA3

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●

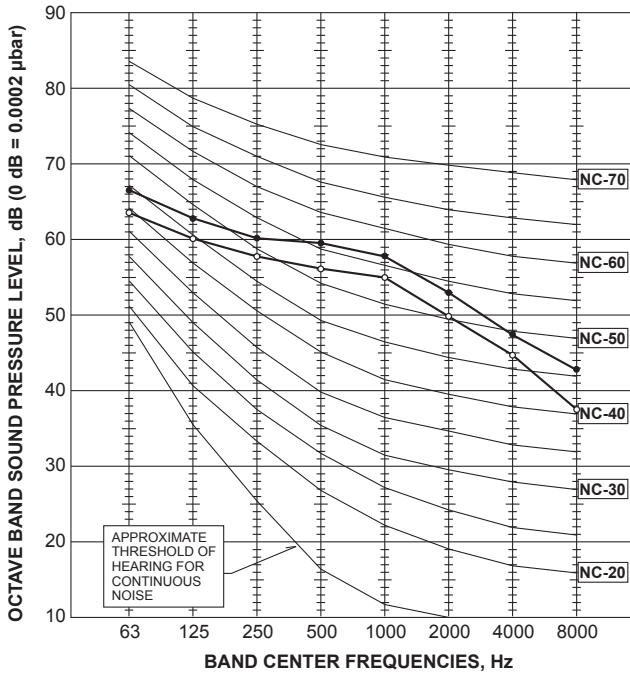


OUTDOOR UNIT

NOISE CRITERIA CURVES

PUHZ-P250YKA3

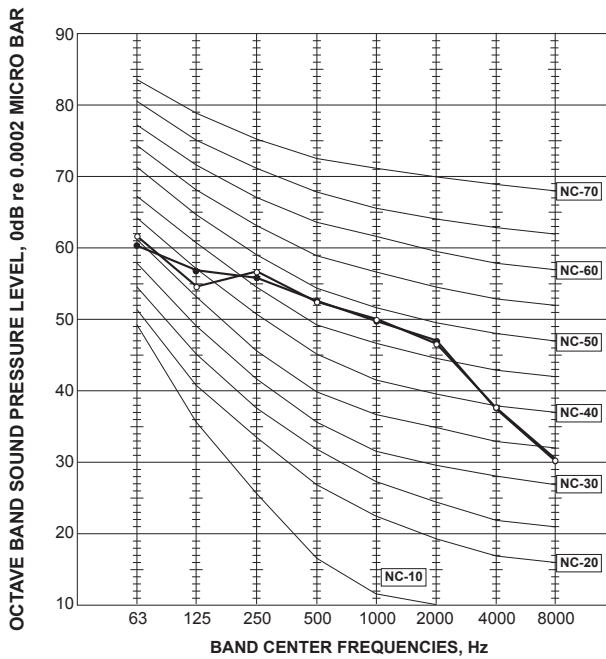
MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

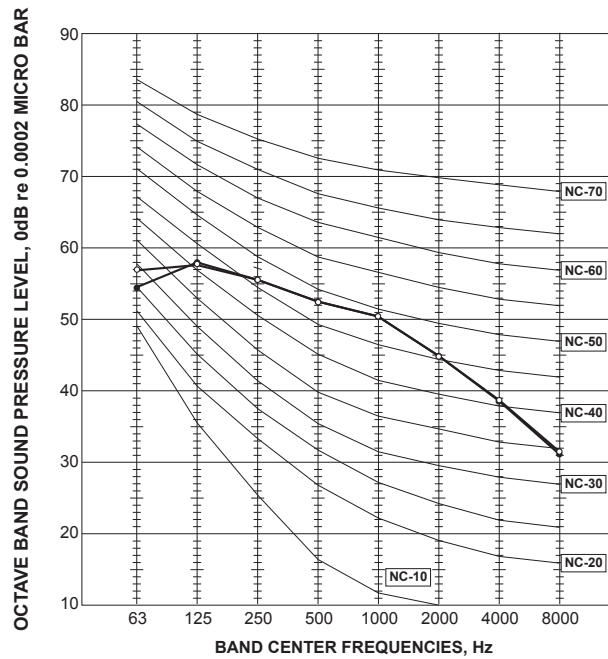
SUZ-SA71VA3

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



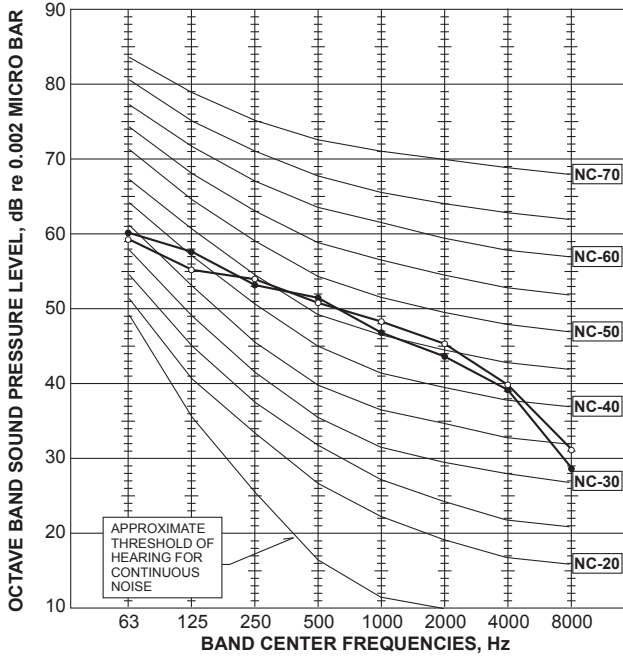
SUZ-SA100VA2

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



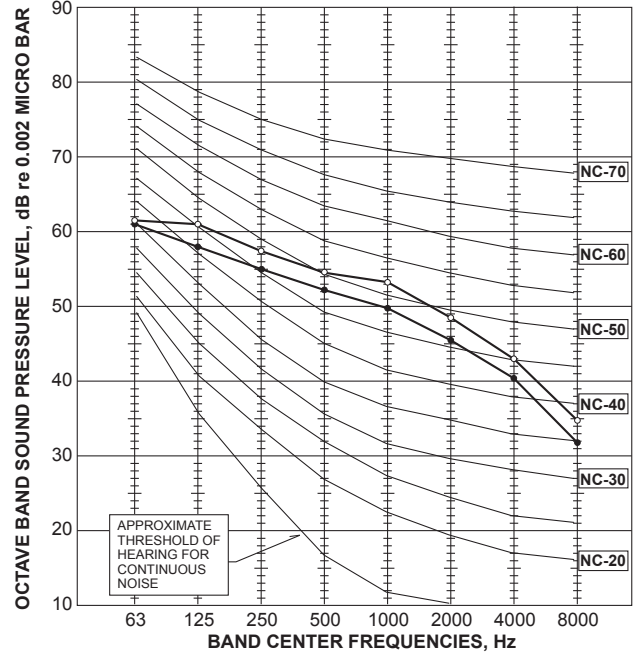
PUHZ-SP100YKA

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



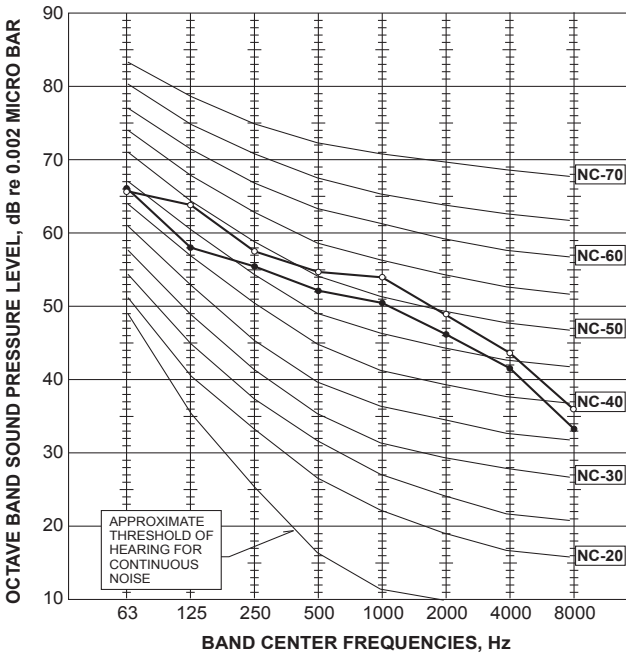
**PUHZ-SP125VKA
PUHZ-SP125YKA**

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



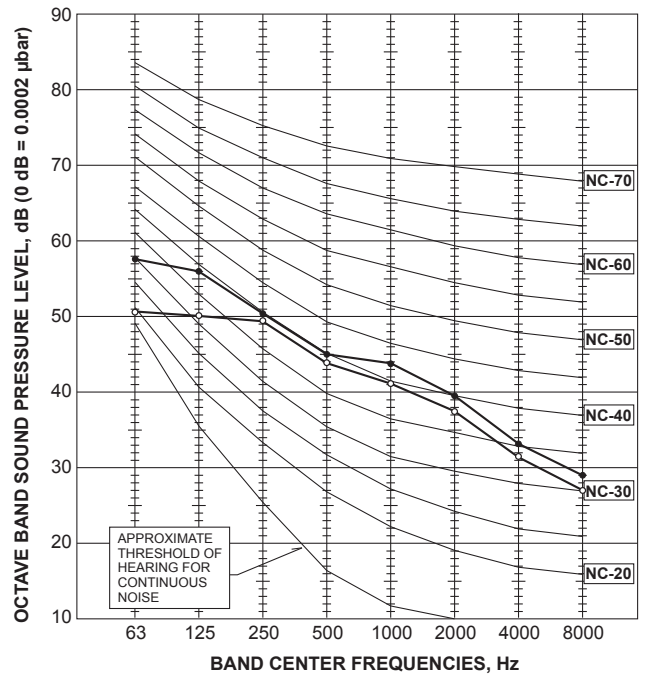
**PUHZ-SP140VKA
PUHZ-SP140YKA**

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:

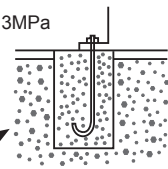
2.Model name:

3.Specification

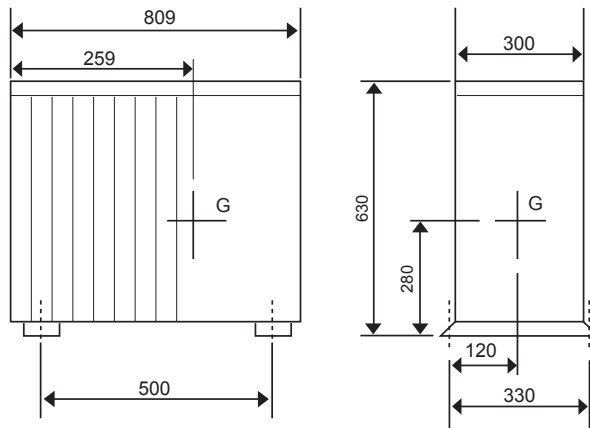
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="46"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | M=" <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78 × 10<sup>-6</sup>"/> 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="280"/> mm= <input type="text" value="0.280"/> 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="120"/> mm(Lg ≤ L/2)= <input type="text" value="0.12"/> 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 | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$
= <input type="text" value="150.3"/> 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="1.9"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q / A =$ <input type="text" value="1.4"/> MPa < fs=132.3MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4f_t - 1.6\tau =$ <input type="text" value="244.7"/> MPa
$\sigma =$ <input type="text" value="1.9"/> MPa < $f_{ts} =$ <input type="text" value="244.7"/> 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="150"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

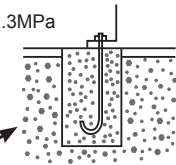
2.Model name:

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

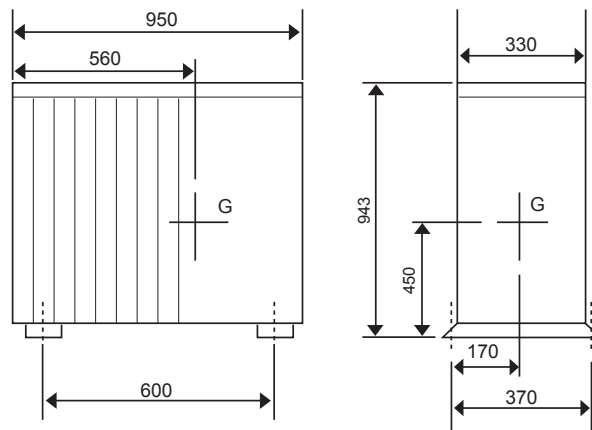
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

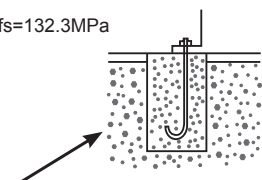
2.Model name:

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 unitL g= mm (Lg ≤ L/2)= m

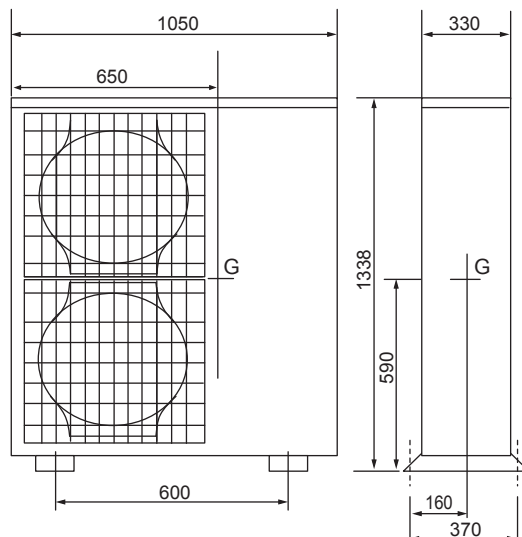
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 < 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:

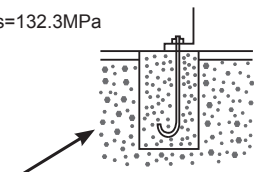
2.Model name:

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

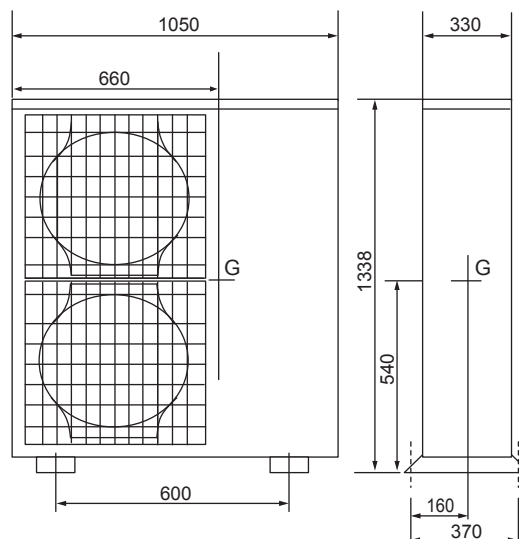
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 < 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:

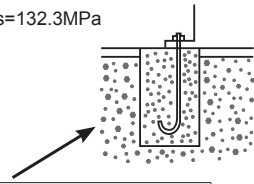
2.Model name:

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

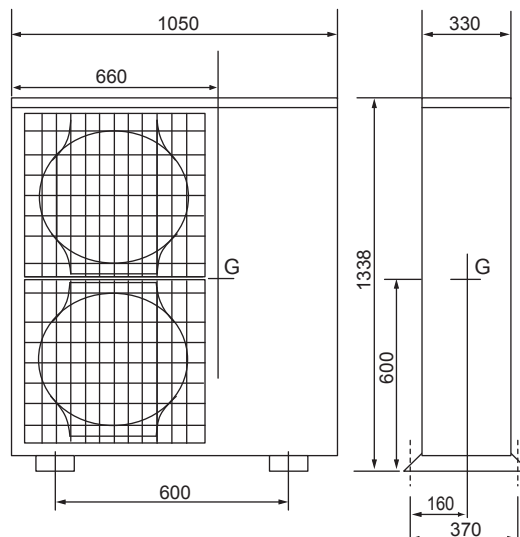
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 < $f_t = 176.4$ 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

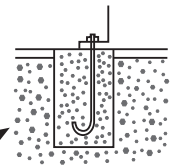
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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. $f_{ts} = 1.4\tau - 1.6\tau =$ MPa

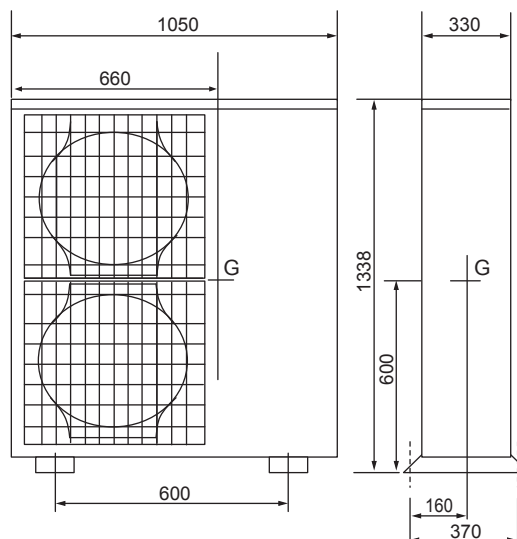
$\sigma =$ MPa

< 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

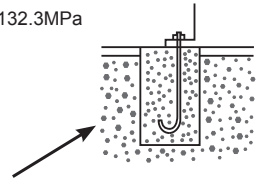
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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

$$R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = N$$
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. σ=Rb/A= MPa < ft=176.4MPa
 - 2.The shearing stress. τ=Q/A= MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time.

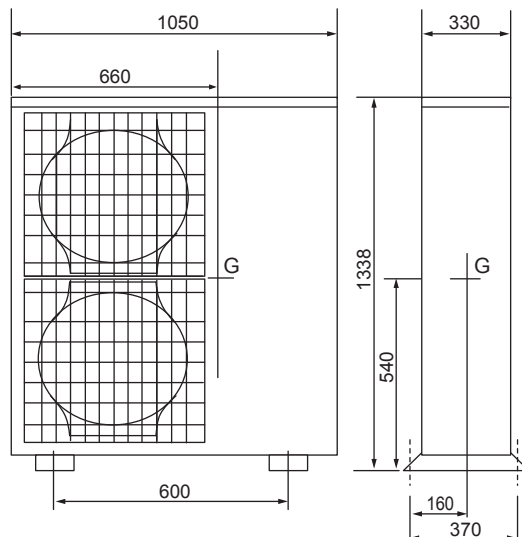
$$f_{ts} = 1.4\tau - 1.6\tau = MPa$$

$$\sigma = MPa < f_{ts} = MPa$$



- (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:

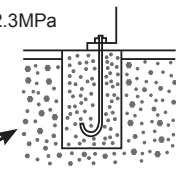
2.Model name:

3.Specification

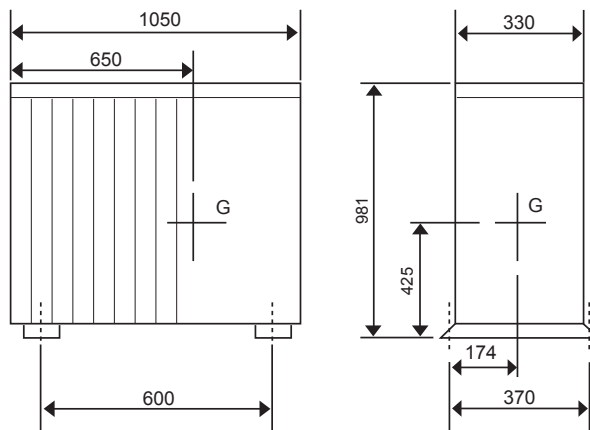
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. M=" type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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 < $f_t = 176.4$ 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.



1.Type:

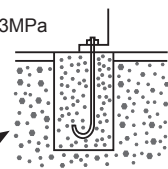
2.Model name:

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

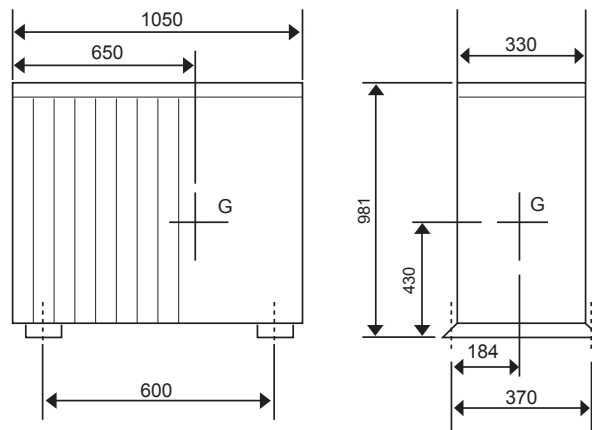
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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. $f_{ts} = 1.4\sigma - 1.6\tau =$ 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:

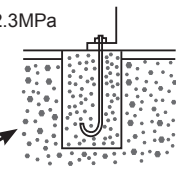
2.Model name:

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

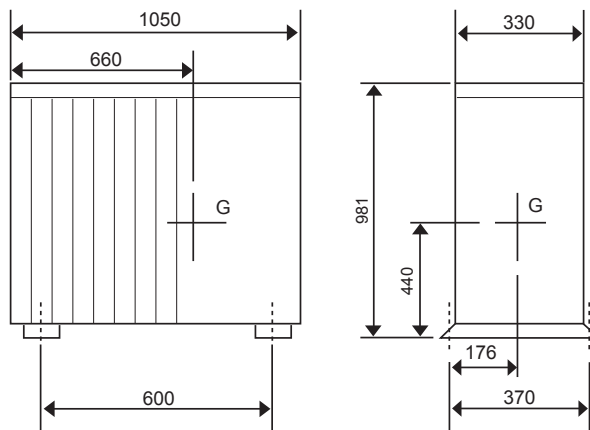
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 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:

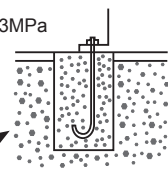
2.Model name:

3.Specification

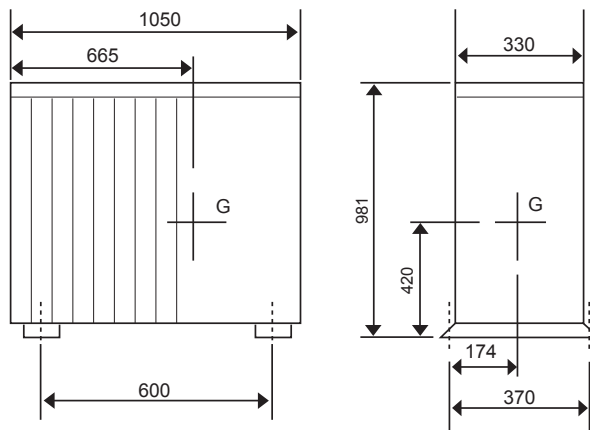
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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 < $f_t = 176.4$ 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.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type:

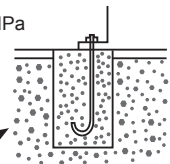
2.Model name:

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

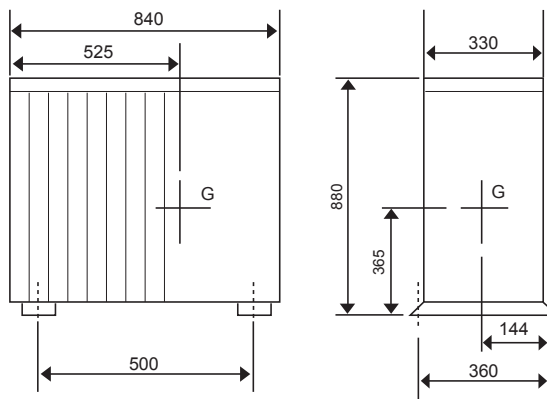
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 < 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



A.8.6.2 R410A type

1.Type:

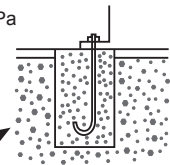
2.Model name:

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

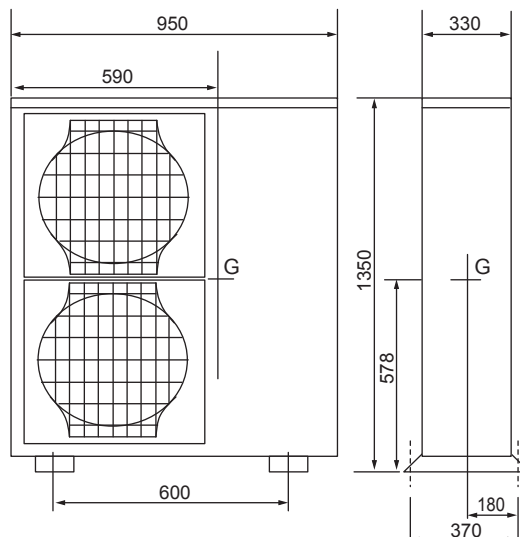
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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. $f_{ts} = 1.4\tau - 1.6\tau =$ 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: ZUBADAN Outdoor unit

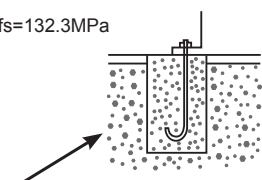
2.Model name: PUHZ-SHW112YHA(-BS) PUHZ-SHW140YHA(-BS)

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= 180 mm(Lg ≤ L/2)= 0.180 m

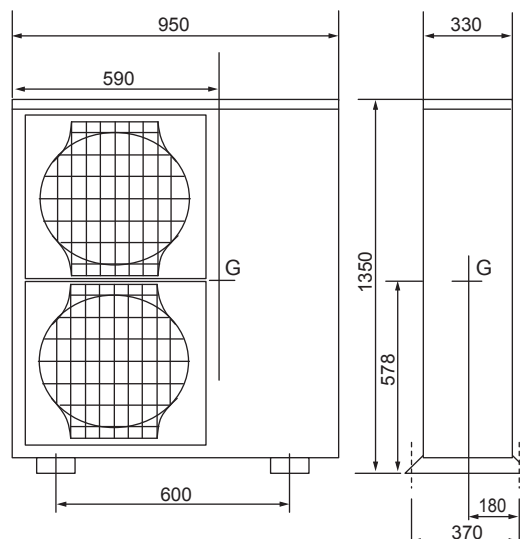
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = 866.0 \text{ N}$
- (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. $\sigma = R_b/A = 11.1 \text{ MPa} < f_t = 176.4 \text{ MPa}$
 - 2.The shearing stress. $\tau = Q/A = 4.2 \text{ MPa} < f_s = 132.3 \text{ MPa}$
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = 240.2 \text{ MPa}$
 $\sigma = 11.1 \text{ MPa} < f_{ts} = 240.2 \text{ MPa}$



- (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= 866 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:

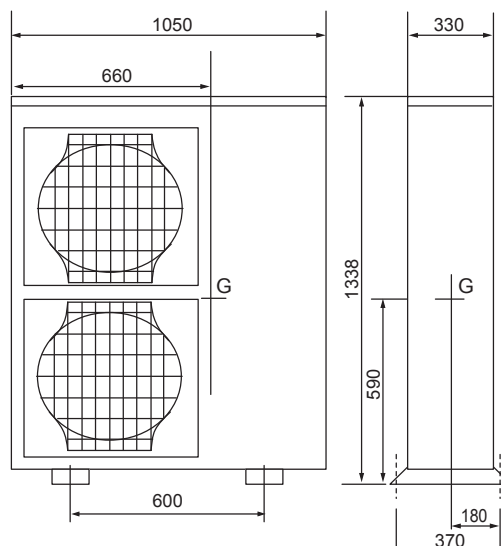
3.Specification

- (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 $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 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 $f_{ts} = 1.4\tau - 1.6\tau =$ 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:

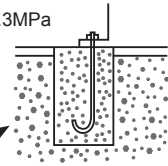
2.Model name:

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

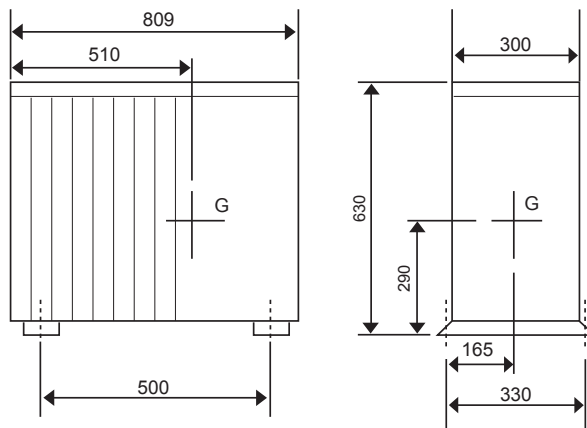
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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. $f_{ts} = 1.4\tau - 1.6\tau =$ 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:

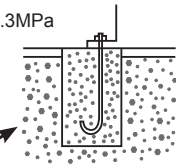
2.Model name:

3.Specification

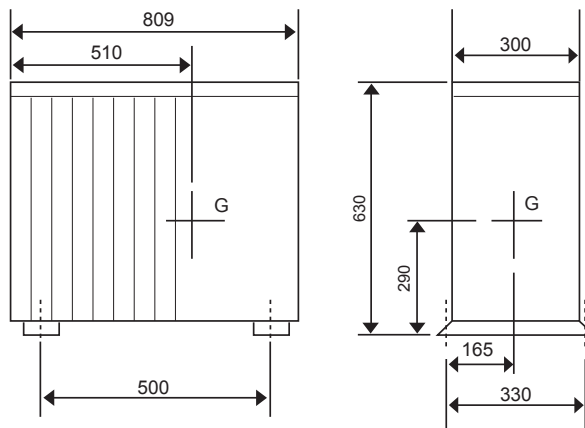
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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 < $f_t = 176.4$ 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:

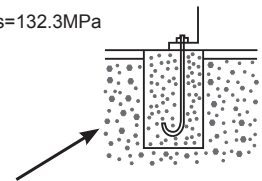
2.Model name:

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

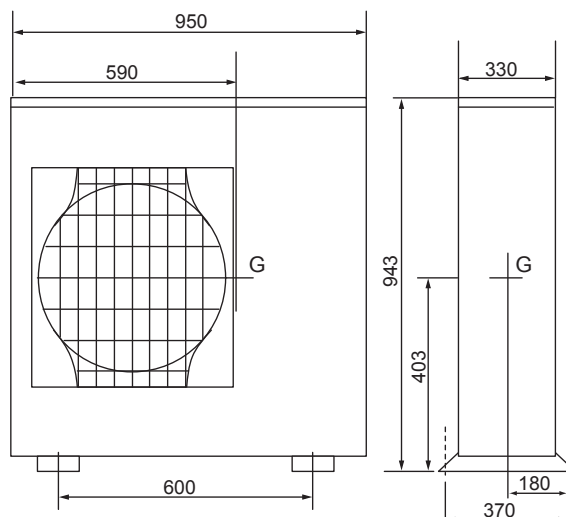
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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. $\sigma = R_b/A = MPa < f_t = 176.4 MPa$
 - 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:

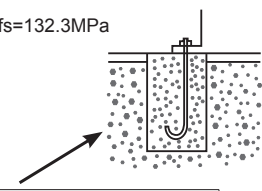
2.Model name:

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

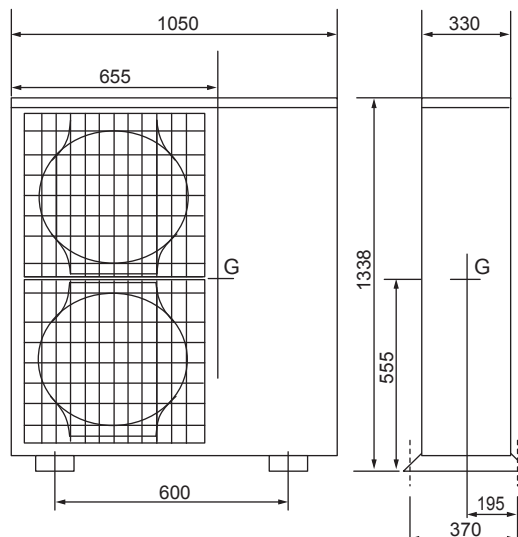
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 < $f_t = 176.4$ 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.



1.Type:

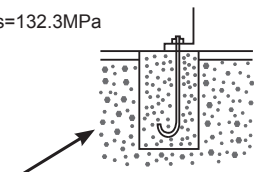
2.Model name:

3.Specification

- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="118"/> 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</sup>"/> 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="555"/> mm= <input type="text" value="0.555"/> 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="195"/> mm(Lg≤L/2)= <input type="text" value="0.195"/> m |

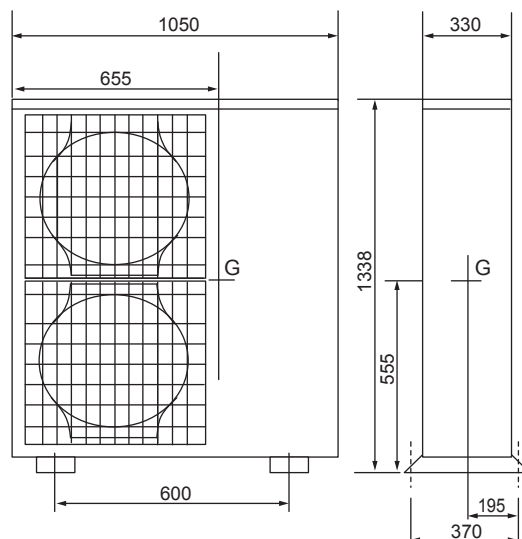
4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (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="1156.4"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= <input type="text" value="578.2"/> 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="734.8"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="289.1"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="9.4"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="3.7"/> 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= <input type="text" value="241.0"/> MPa |
| | $\sigma =$ <input type="text" value="9.4"/> MPa < fts= <input type="text" value="241.0"/> 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="735"/> N |

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

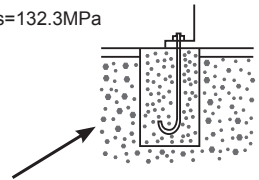
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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. $\sigma = R_b/A = MPa < f_t = 176.4 MPa$
 - 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. $f_{ts} = 1.4f_t - 1.6\tau = MPa$

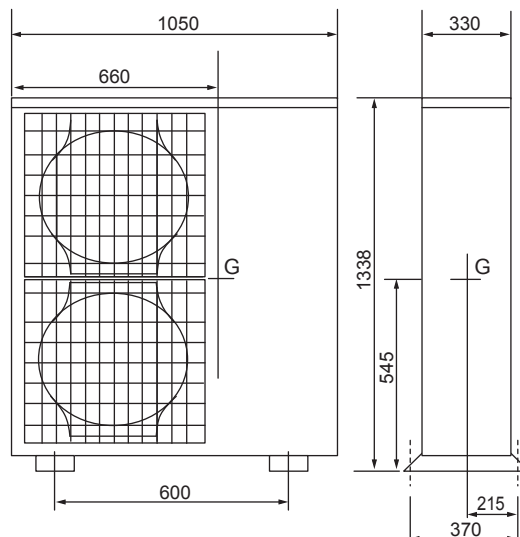
$\sigma = MPa$

$< f_{ts} = MPa$



- (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.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

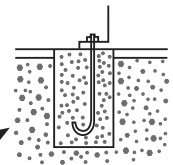
2.Model name:

3.Specification

- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="125"/> 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</sup>"/> 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="545"/> mm= <input type="text" value="0.545"/> 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="215"/> mm(Lg ≤ L/2)= <input type="text" value="0.215"/> m |

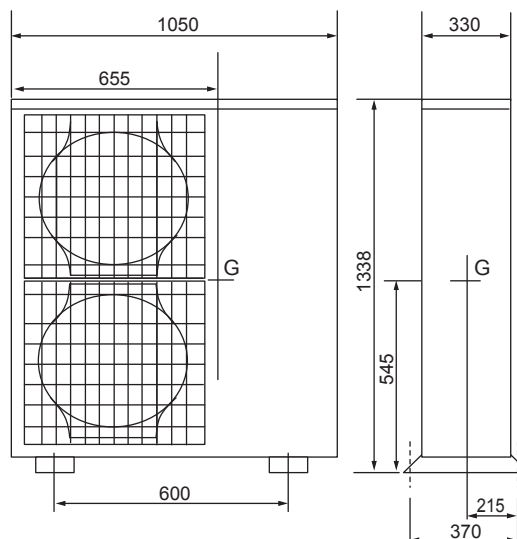
4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (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="1225.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= <input type="text" value="612.5"/> 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="724.2"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="306.3"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b/A =$ <input type="text" value="9.3"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q/A =$ <input type="text" value="3.9"/> 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="240.7"/> MPa |
| | $\sigma =$ <input type="text" value="9.3"/> MPa < fts= <input type="text" value="240.7"/> MPa |



- | | |
|---|--|
| (8) The construction way of the anchor bolt | = <input type="text" value="Boxed J type anchor"/> |
| 1.The construction way of the anchor bolt. | |
| 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="724.2"/> N |

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

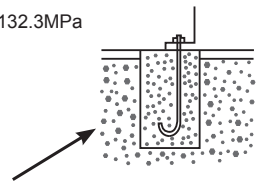
2.Model name:

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

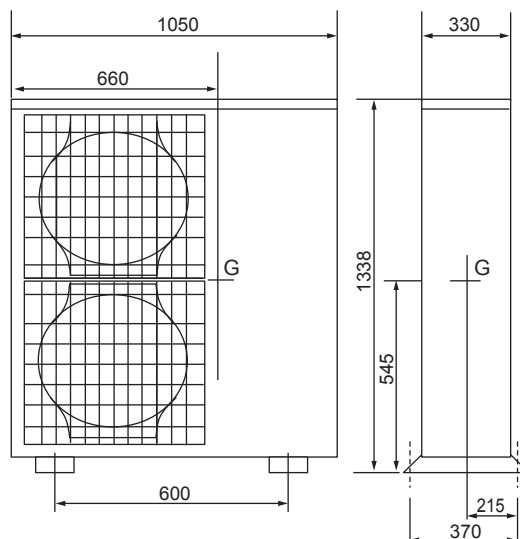
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 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

1.Type:

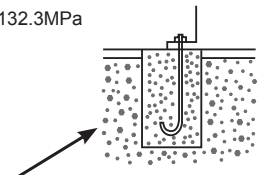
2.Model name:

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

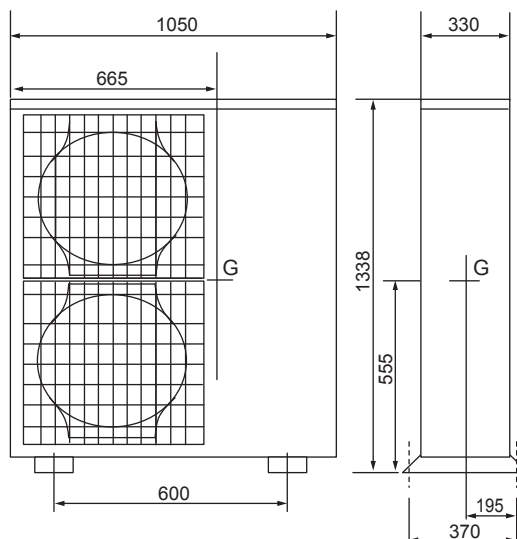
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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.



1.Type:

2.Model name:

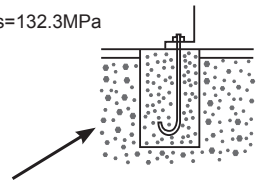
3.Specification

- (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)

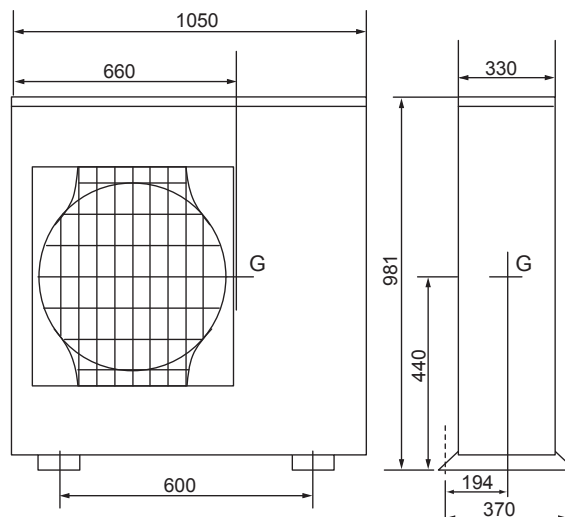
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor 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. $f_{ts} = 1.4\tau - 1.6\tau =$ 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:

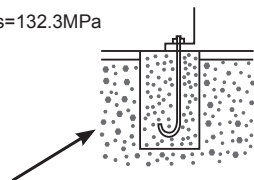
2.Model name:

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

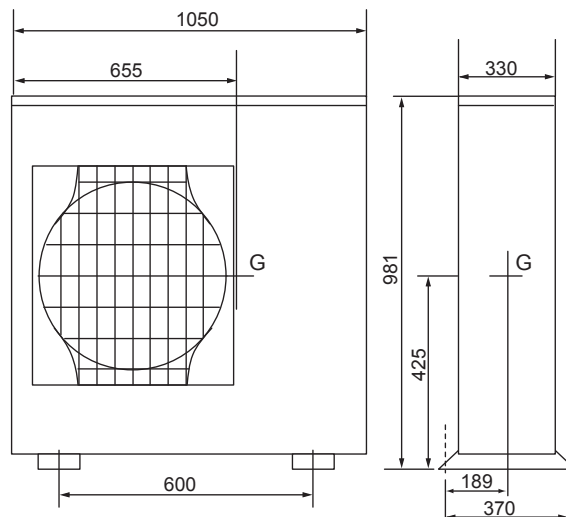
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 < $f_t = 176.4$ 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



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

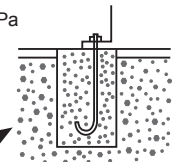
2.Model name:

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

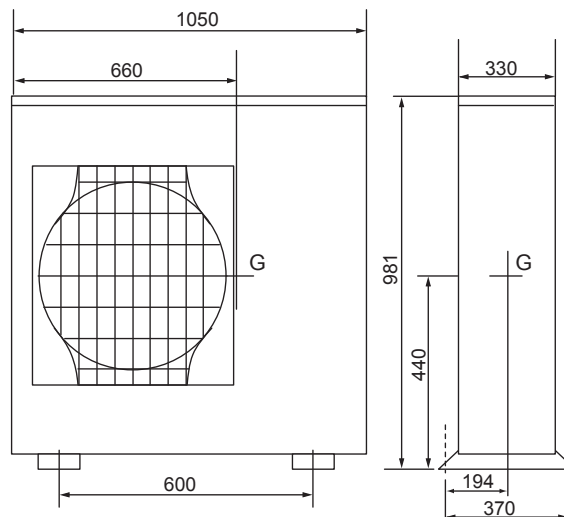
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 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



1.Type:

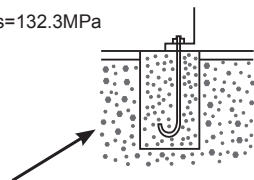
2.Model name:

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

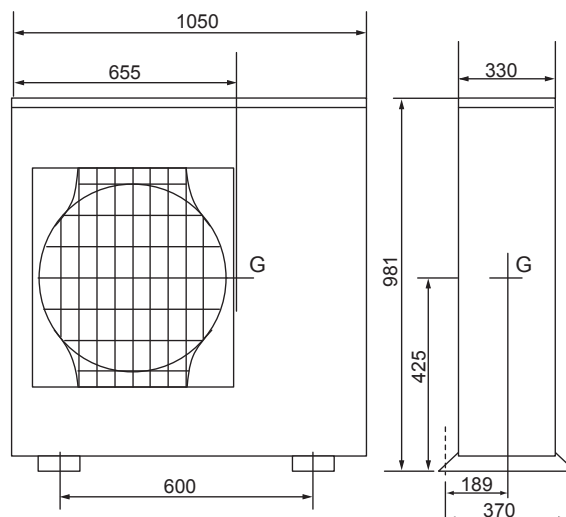
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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. $f_{ts} = 1.4f_t - 1.6\tau =$ 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:

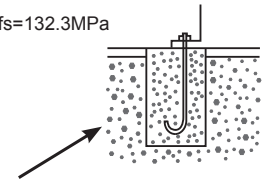
2.Model name:

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

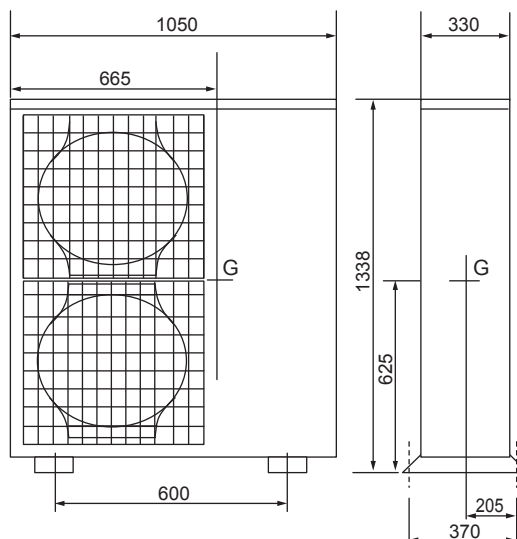
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (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. $f_{ts} = 1.4\tau - 1.6\tau =$ 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:

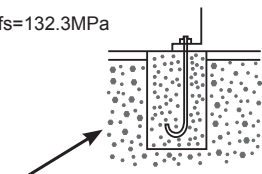
2.Model name:

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

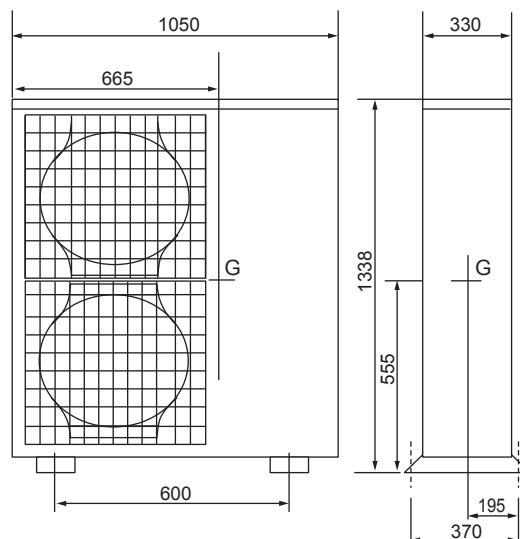
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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

Earthquake-proof strength analysis <Anchor bolt>

1.Type: Economy Inverter Outdoor unit

2.Model name: SUZ-SA71VA3

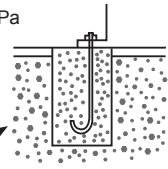
3.Specification

- (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)

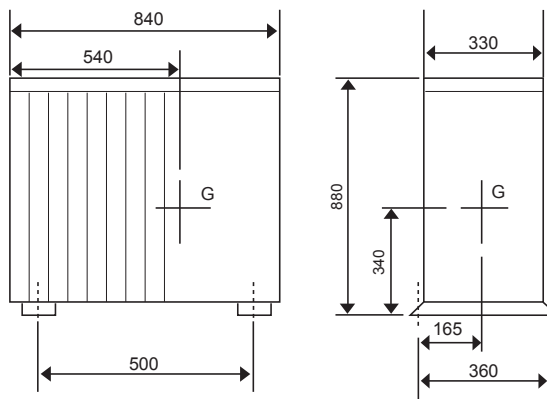
- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= 509.6 N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 254.8 N
- (5) The withdrawal strength 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. $f_{ts} = 1.4ft - 1.6 \tau = 244.4$ 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

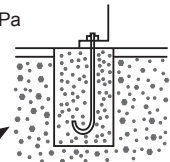
- (1) Unit mass W= 56 kg
- (2) Anchor bolt
 - 1.The total number of bolts. N= 4
 - 2.The size and shape. "=M 10 type
 - 3.The axis section area per one bolt. A= 78 mm²= 78×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2
- (3) The height between 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 $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 196.3 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. $\sigma = R_b/A = 2.5$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A = 1.8$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = 244.1$ MPa

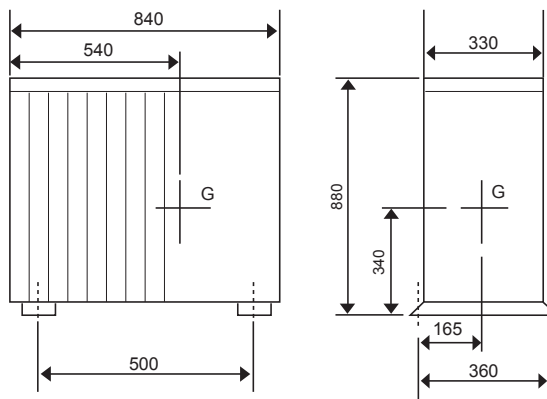
$\sigma = 2.5$ MPa

< $f_{ts} = 244.1$ 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 196 N

Since the results from the examination above, the anchor bolt has enough strength



1.Type:

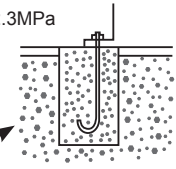
2.Model name:

3.Specification

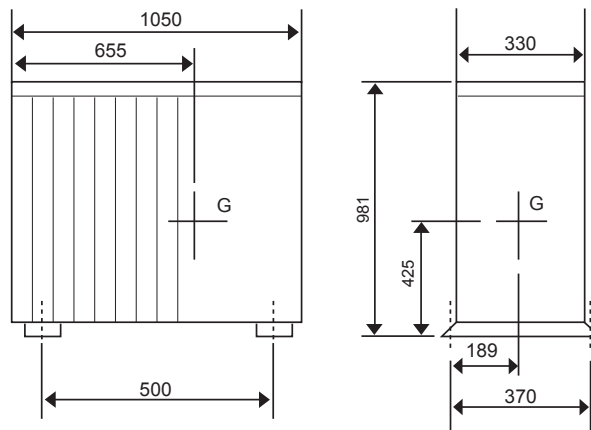
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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. $\sigma = R_b/A = MPa < f_t = 176.4 MPa$
 - 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:

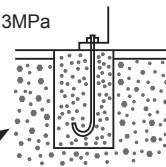
2.Model name:

3.Specification

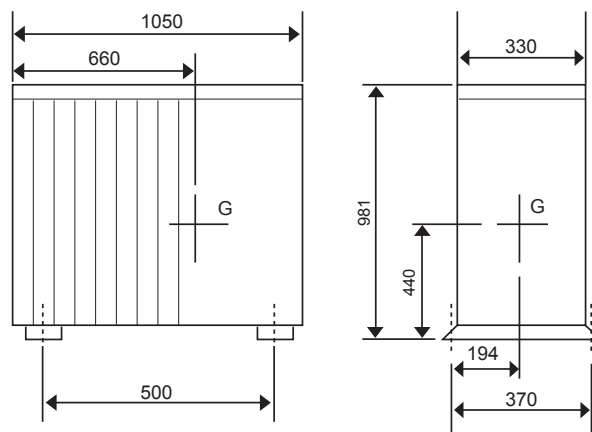
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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. $f_{ts} = 1.4\tau - 1.6\tau =$ 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.



1.Type:

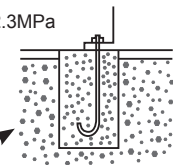
2.Model name:

3.Specification

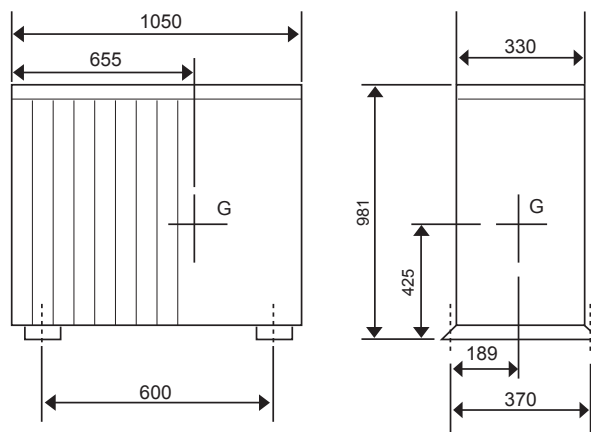
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface 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. $\sigma = R_b/A = MPa < f_t = 176.4MPa$
 - 2.The shearing stress. $\tau = Q/A = MPa < f_s = 132.3MPa$
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = MPa$
 $\sigma = MPa < f_{ts} = MPa$
- (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:

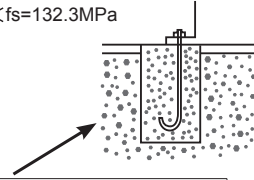
2.Model name:

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

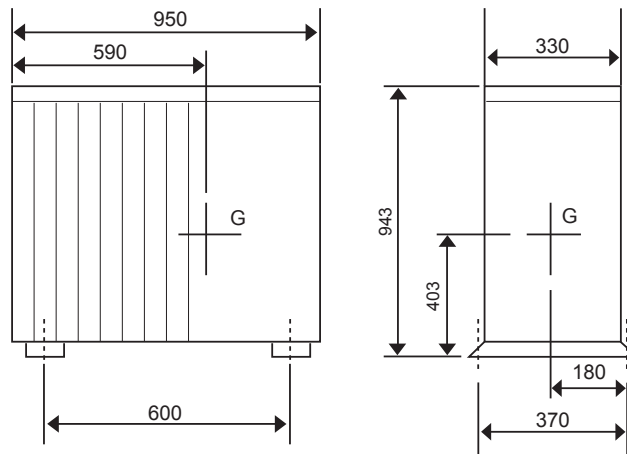
4.The examination calculation (by rounding off to the first decimal place of each item)

- (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 $\sigma = R_b/A = MPa < f_t = 176.4 MPa$
 - 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.



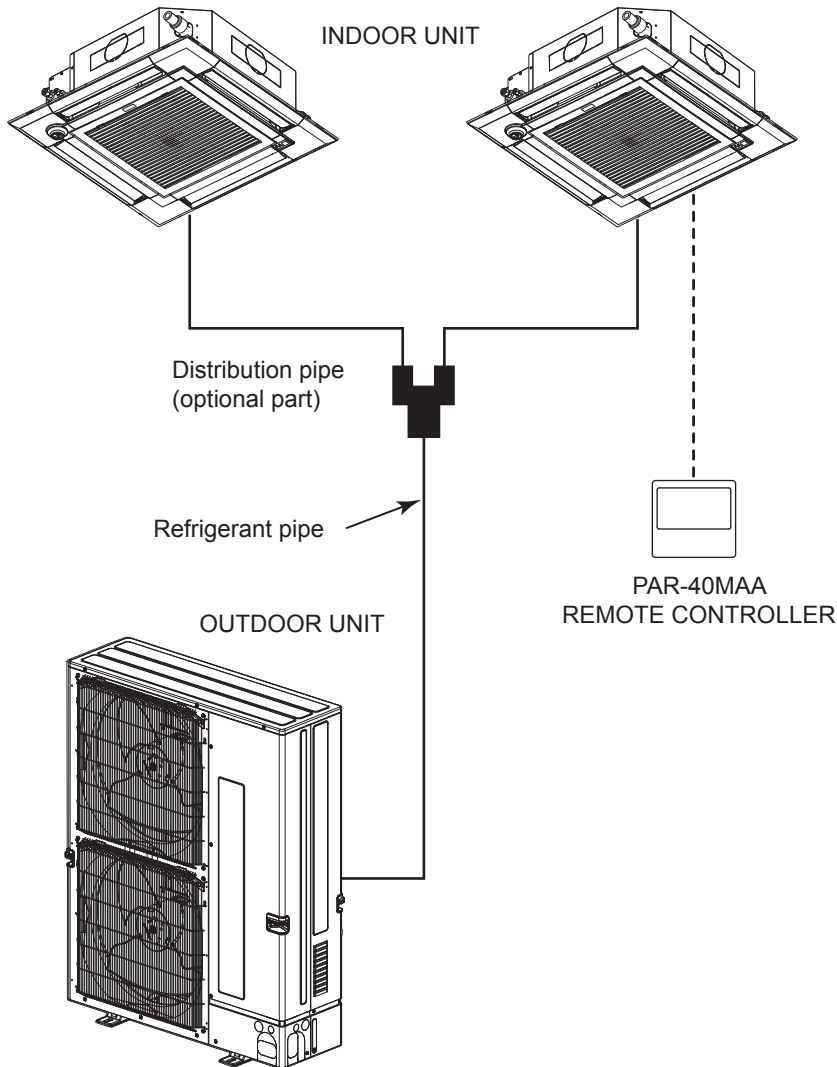
OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

A.9 MULTI SYSTEM

A.9.1	2,3 & 4-WAY MULTI SYSTEM.....	A-538
A.9.2	MULTI SYSTEM COMBINATION CHART	A-539
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	1.2. R410A type	A-539
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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.

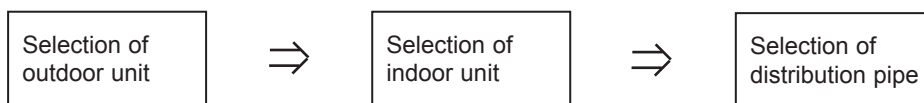


MULTI SYSTEM 2. 3&4-WAY MULTI SYSTEM

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·VHA PUZ-ZM·VKA PUZ-ZM·YKA

Outdoor unit	Indoor unit	
	Twin	Triple
M71	35×2	—
M100	50×2	—
M125	60×2	—
M140	71×2	50×3
Distribution pipe	MSDD-50TR2-E	MSDT-111R2-E

PUZ-M·VKA PUZ-M·YKA

Outdoor unit	Indoor unit	
	Twin	Triple
M100	50×2	—
M125	60×2	—
M140	71×2	50×3
Distribution pipe	MSDD-50TR2-E	MSDT-111R2-E

PUZ-SM·VKA PUZ-SM·YKA

Outdoor unit	Indoor unit	
	Twin	Triple
SM100	—	—
SM125	—	—
SM140	71×2	—
Distribution pipe	MSDD-50TR2-E	—

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
ZRP250,P250	125 × 2	71 × 3	60 × 4
Distribution pipe	MSDD-50TR-E (For 71,100,125,140)	MSDT-111R-E	MSDF-1111R-E
	MSDD-50WR-E (For 200/250)		

A.9.3 REFRIGERANT PIPING

A.9.3.1 R32 type

■ PUZ-ZM71VHA PUZ-ZM100VKA PUZ-ZM125VKA PUZ-ZM140VKA
 PUZ-ZM100YKA PUZ-ZM125VYA PUZ-ZM140VYA

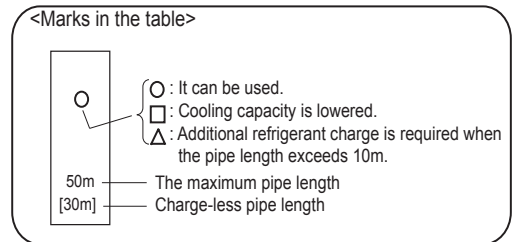
1. PIPE LENGTH

(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 [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 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	φ15.88	φ9.52	φ12.7	φ19.05	φ9.52	φ12.7	φ19.05
Branch pipe (mm) [B, C]	Liquid pipe	φ6.35	Standard size 55m [30m]	Standard size 100m* [30m]	○ 50m [30m]	△ 50m [20m]	/	/	/	/
	Gas pipe	φ12.7	/	/	/	/	/	/	/	/
	Liquid pipe	φ9.52	/	/	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 100m* [30m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	φ15.88	/	/	/	/	/	/	/	/
	Liquid pipe	φ12.7	/	/	/	/	/	/	/	/
	Gas pipe	φ19.05	/	/	/	/	/	/	/	/

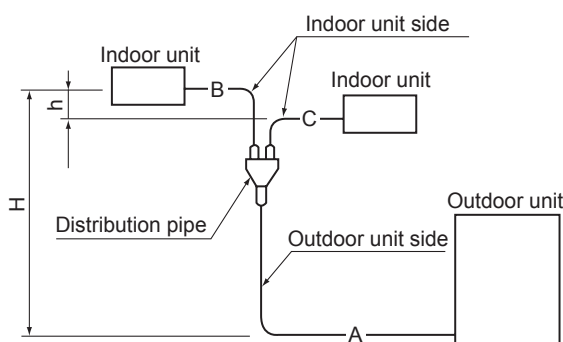
* The maximum length is 100 m in case of new pipes.

(b) TRIPLE SYSTEM

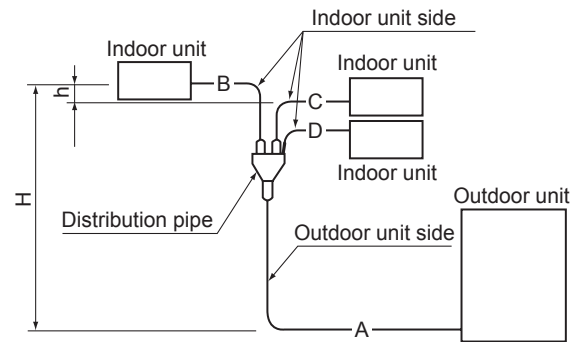
<Table 3> Maximum pipe length

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
	Liquid pipe	φ6.35	Standard size 100m* [30m]	○ 50m [30m]
	Gas pipe	φ12.7	/	△ 50m [20m]
	Liquid pipe	φ9.52	○ 50m [30m]	○ 50m [30m]
	Gas pipe	φ15.88	/	△ 50m [20m]
	Liquid pipe	φ12.7	/	/

* 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-M100VKA PUZ-M125VKA PUZ-M140VKA
 PUZ-M100YKA PUZ-M125YKA PUZ-M140YKA

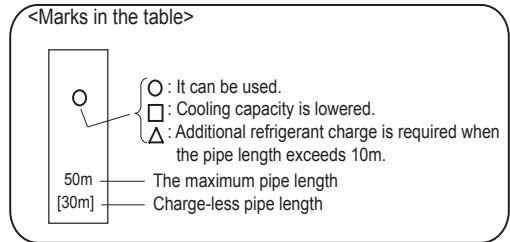
1. PIPE LENGTH

(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				
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8				
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

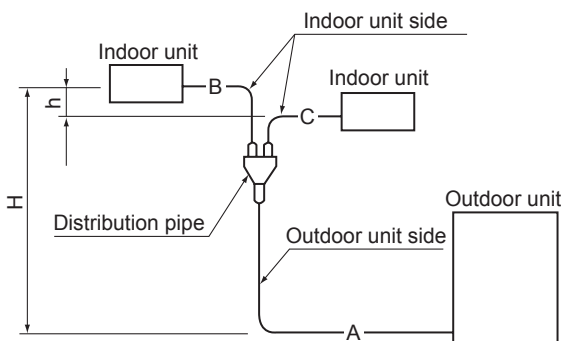
<Table 2> Maximum pipe length(M100,M125,M140)

Main pipe (mm) [A]	Liquid pipe	M100(50×2)			M125(60×2)-M140(71×2)		
		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C]	Gas pipe	ø15.88	ø19.05	ø19.05	ø15.88	ø19.05	ø19.05
	Liquid pipe	ø6.35	Standard size 55m [30m]	○ 50m [30m]	△ 30m [10m]		
		ø12.7					
	Gas pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [30m]	Standard size 65m [30m]	○ 50m [30m]

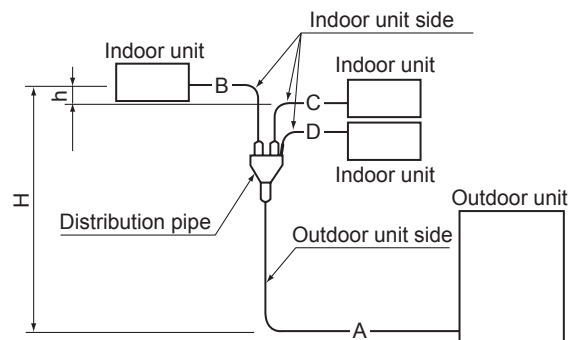
(b) TRIPLE SYSTEM

<Table 3> Maximum pipe length(M140)

Main pipe (mm) [A]	Liquid pipe	M140(50×3)			
		ø9.52	ø9.52	ø12.7	
Branch pipe (mm) [B, C, D]	Gas pipe	ø15.88	ø19.05	ø19.05	
	Liquid pipe	ø6.35	Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]
		ø12.7			
	Gas pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [15m]



<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-SM100VKA PUZ-SM125VKA PUZ-SM140VKA
 PUZ-SM100YKA PUZ-SM125YKA PUZ-SM140YKA

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]	30m [30m]	25m [15m]	25m [15m]	
SM125,140		Standard size	○	△	△	
		40m [30m]	40m [30m]	30m [15m]	30m [15m]	

<Marks in the table>

- : It can be used.
- : Cooling capacity is lowered.
- △ : Additional refrigerant charge is required when the pipe length exceeds 10m.
- 50m — The maximum pipe length
- [30m] — Charge-less pipe length

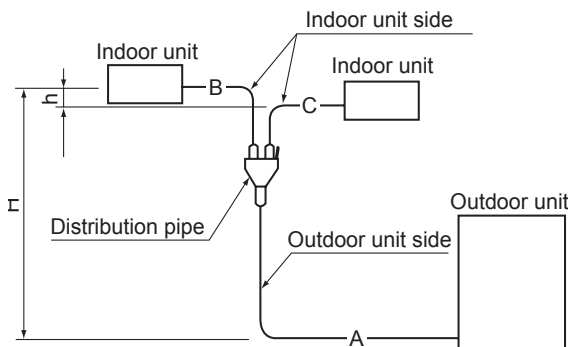
MULTI SYSTEM REFRIGERANT PIPING

(2) TWIN

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

		SM140(71×2)		
Main pipe (mm) [A]	Liquid pipe	ø9.52	ø9.52	ø12.7
	Gas pipe	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C, D]	Liquid pipe ø6.35	Standard size	○	△
		40m	40m	30m
	Gas pipe ø12.7	[30m]	[30m]	[15m]
	Liquid pipe ø9.52	○	○	△
		40m	40m	30m
	Gas pipe ø15.88	[30m]	[30m]	[15m]



<TRIPLE SYSTEM>
 Total length A + B + C
 SM140 ≤ 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-ZM71VHA**
- **PUZ-ZM100VKA**
- **PUZ-ZM100YKA**
- **PUZ-ZM125VKA**
- **PUZ-ZM125YKA**
- **PUZ-ZM140VKA**
- **PUZ-ZM140YKA**

<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-ZM71	55m or less	2.8kg	0.4kg	0.8kg	1.8kg	/	
	PUZ-ZM100,125,140	100m or less	4.0kg	0.4kg	0.8kg	1.2kg	1.8kg	2.8kg

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	0.8kg	/	/
	PUZ-ZM100,125,140	100m or less	4.0kg	0.4kg	0.8kg	1.2kg	1.8kg	2.8kg

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-M100VKA PUZ-M125VKA PUZ-M140VKA
PUZ-M100YKA PUZ-M125YKA PUZ-M140YKA

<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 ΔW(g) = (80 × L1) + (40 × L2) + (15 × L3) - 1200

If the calculation produces a negative number (ΔW ≤ 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-SM100VKA PUZ-SM125VKA PUZ-SM140VKA
PUZ-SM100YKA PUZ-SM125YKA PUZ-SM140YKA

<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 (TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-SM100,125,140	Additional refrigerant amount ΔW(g) = (80 × L1) + (40 × L2) + (15 × L3) - 1200

If the calculation produces a negative number (ΔW ≤ 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
Triple system	PUZ-SM100	30m or less	3.1kg	/	/
	PUZ-SM125,140	40m or less	3.6kg	0.4kg	/

MULTI SYSTEM REFRIGERANT PIPING

A.9.3.2 R410A type

- PUHZ-SHW112VHA(-BS)
- PUHZ-SHW112YHA(-BS)
- PUHZ-SHW140VHA(-BS)
- PUHZ-SHW140YHA(-BS)

- PUHZ-ZRP71VHA2
- PUHZ-ZRP100VKA3
- PUHZ-ZRP100YKA3

- PUHZ-ZRP125VKA3
- PUHZ-ZRP125YKA3
- PUHZ-ZRP140VKA3
- PUHZ-ZRP140YKA3

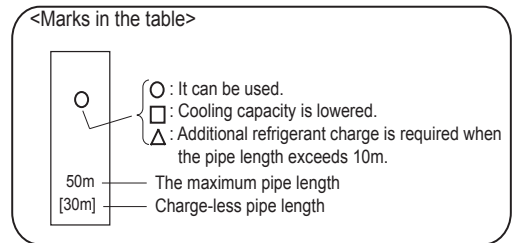
1. PIPE LENGTH

(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 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
	Branch pipe (mm) [B, C]	Liquid pipe	φ6.35	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]	/	/	/
Gas pipe		φ12.7	/	/	/	/	/	/	/
Liquid pipe		φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]	○ 50m [30m]
Gas pipe		φ15.88	/	/	/	/	/	/	/
Branch pipe (mm) [B, C]	Liquid pipe	φ12.7	/	/	/	/	/	/	/
	Gas pipe	φ19.05	/	/	/	/	/	/	/

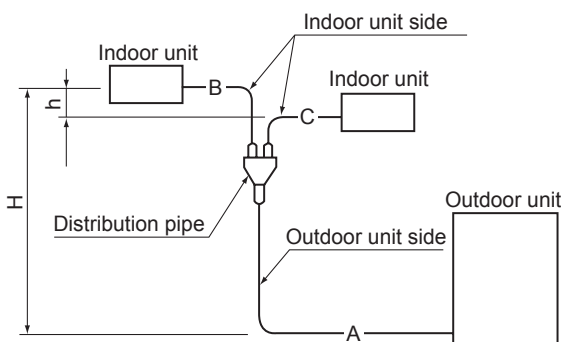
* The maximum length is 75m in case of new pipes.

(b) TRIPLE SYSTEM

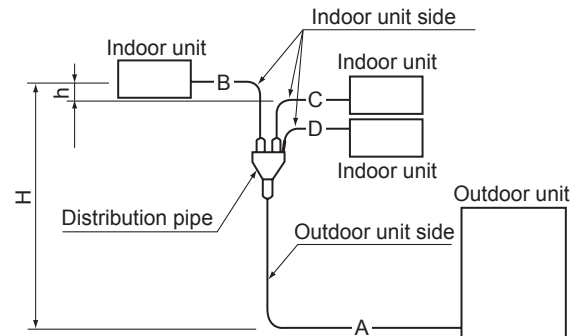
<Table 3> Maximum pipe length

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	
	Branch pipe (mm) [B, C, D]	Liquid pipe	φ6.35	Standard size 50m * [30m]	○ 50m [30m]
Gas pipe		φ12.7	/	/	/
Liquid pipe		φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]
Gas pipe		φ15.88	/	/	/
Branch pipe (mm) [B, C, D]	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



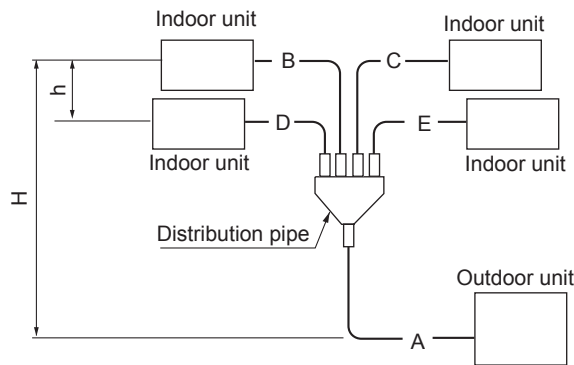
<TRIPLE SYSTEM>
Total length A + B + C + D
ZRP100,125,140: 75 m

(C) QUADRUPLE SYSTEM

<Table 4> Maximum pipe length

Main pipe (mm) [A]		ZRP125, 140 (35×4)		
		Liquid pipe	Gas pipe	Gas pipe
Branch pipe (mm) [B, C, D, E]	Liquid pipe	ø6.35	Standard size	○
	Gas pipe	ø12.7	50m*	△
	Liquid pipe	ø9.52	50m	○
	Gas pipe	ø15.88	[30m]	△
	Liquid pipe	ø12.7	50m	○
	Gas pipe	ø19.05	[30m]	△

* 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	

■ PUAZ-ZRP200YKA3
PUAZ-ZRP250YKA3

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>

- : It can be used.
- : Cooling capacity is lowered.
- △ : Additional refrigerant charge is required when the pipe length exceeds 20m.
- 100m : The maximum pipe length
- [30m] : Charge-less pipe length

(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)					
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	71-100 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	The additional charge amount is obtained by the following formula.
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)
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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.

2. TWIN, TRIPLE AND QUADRUPLE SYSTEM

(1) Twin

<Table 3> Maximum pipe length (Main pipe[A]+Branch pipe diameter [B and C])

Main pipe (mm)[A]	ZRP200 twin (100×2)													ZRP250 twin (125×2)											
	φ9.52				φ12.7				φ15.88					φ9.52				φ12.7				φ15.88			
Branch pipe [mm] [B, C]	Liquid pipe	φ9.52	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	
	Gas pipe	φ15.88	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	
	Liquid pipe	φ9.52	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gas pipe	φ19.05	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Liquid pipe	φ12.7	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gas pipe	φ19.05	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○

• Be sure to use hard (tempered) one for pipe over φ22.2.

(2) Triple

<Table 4> Maximum pipe length (Main pipe [A] + Branch pipe [B, C and D])

Main pipe (mm)[A]	ZRP200 triple (60×3)												ZRP250 triple (71×3)												
	φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88				
Branch pipe [mm] [B, C, D]	Liquid pipe	φ9.52	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	
	Gas pipe	φ15.88	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	
	Liquid pipe	φ9.52	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gas pipe	φ19.05	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Liquid pipe	φ12.7	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gas pipe	φ19.05	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○

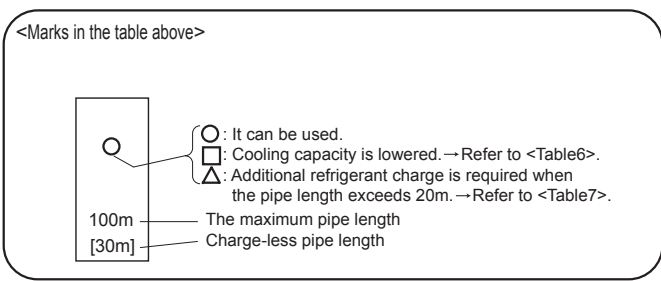
• Be sure to use hard (tempered) one for pipe over φ22.2.

(3) Quadruple

<Table 5> Maximum pipe length (Main pipe[A]+Branch pipe [B, C, D and E])

Main pipe (mm)[A]	ZRP200 quadruple (50×4)												ZRP250 quadruple (60×4)												
	φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88				
Branch pipe [mm] [B, C, D, E]	Liquid pipe	φ6.35	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	
	Gas pipe	φ12.7	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	
	Liquid pipe	φ9.52	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gas pipe	φ15.88	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Liquid pipe	φ9.52	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○
	Gas pipe	φ19.05	○	○	○	○	○	○	○	△	△	△	○	○	○	○	○	○	○	○	○	○	○	○	○

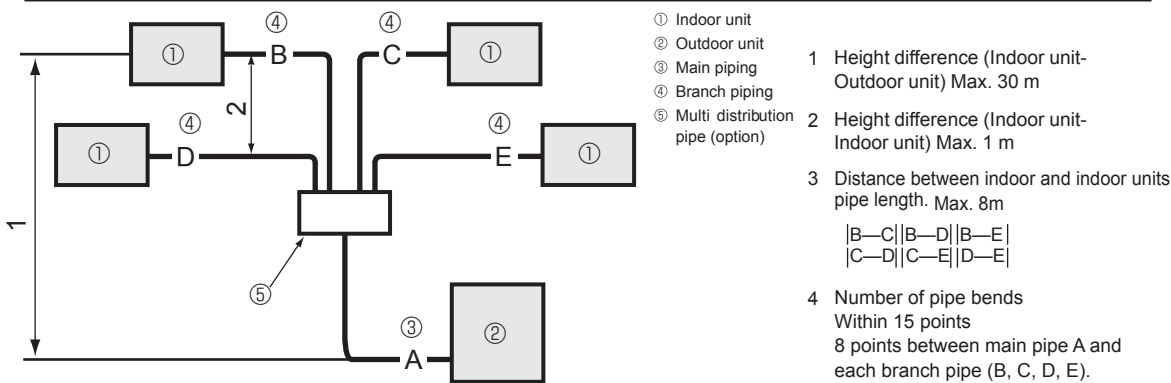
• Be sure to use hard (tempered) one for pipe over φ22.2.



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.



<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

<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

<Table 10>

Outdoor unit	permitted pipe length	At time of shipping (kg)	A+B+C+D					
			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	71-120 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	The additional charge amount is obtained by the following formula.
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), 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)
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Additional charge amount for 70 m	ZRP200	3.6 kg
	ZRP250	4.8 kg

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.

MULTI SYSTEM REFRIGERANT PIPING

■ 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]	

<Marks in the table>

<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]	Gas pipe	ø15.88	ø19.05	ø19.05	ø15.88	ø19.05	ø19.05
	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]	△ 25m [10m]		
ø12.7							
Gas pipe	ø9.52	○ 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			ø12.7			ø15.88		ø9.52		ø12.7		ø15.88					
			t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0				
Branch pipe (mm) [B, C]	Gas pipe	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75	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	t1.1	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1		
Liquid pipe	ø9.52	□	Standard size 70m [30m]	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size 70m [30m]	○	□△	△	△
	ø15.88	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]

(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]	Gas pipe	ø15.88	ø19.05	ø19.05
	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]
ø12.7				
Gas pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [10m]
	ø15.88			

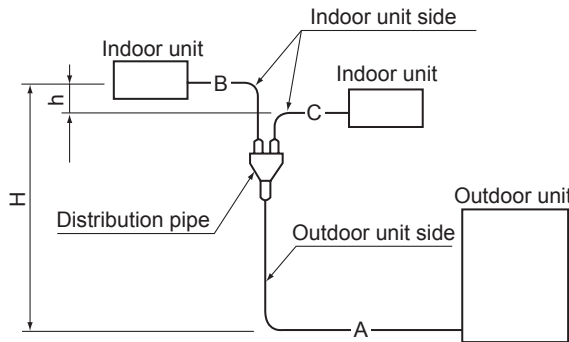
<Table 3-2> Maximum pipe length(P200, P250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	P200(60x3)								P250(71x3)									
			ø9.52			ø12.7			ø15.88		ø9.52		ø12.7		ø15.88					
			t0.8	t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0				
Branch pipe (mm) [B, C]	Gas pipe	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75	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	t1.1	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1		
Liquid pipe	ø9.52	□	Standard size 70m [30m]	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size 70m [30m]	○	□△	△	△
	ø15.88	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]

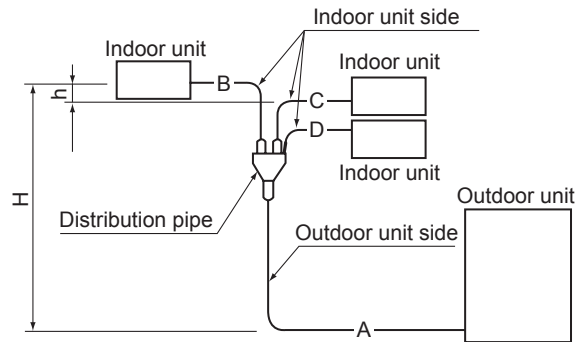
(3) QUADRUPLE SYSTEM

<Table 4> Maximum pipe length(P200,P250)

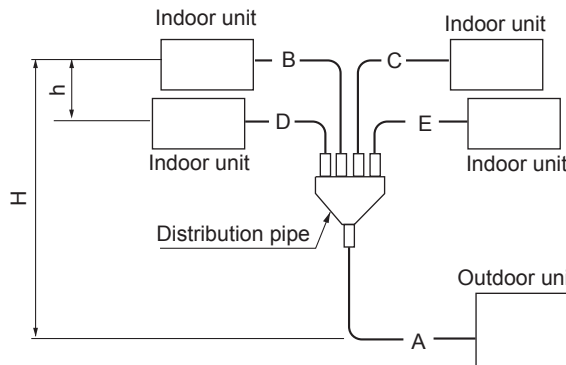
Main pipe (mm) [A]	Liquid pipe	O.D.	P200(50x4)										P250(60x4)							
			φ9.52			φ12.7			φ15.88				φ9.52			φ12.7			φ15.88	
			Thickness	t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
Branch pipe (mm) [B,C]	Liquid pipe	φ6.35	□	○	○	□△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
	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]
	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]



<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>	φ9.52<3/8> 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	H30m	h 1m	15	
TRIPLE												B-C C-D B-D 8m
QUADRUPLE												50 φ12.7<1/2> 60 φ15.88<5/8>

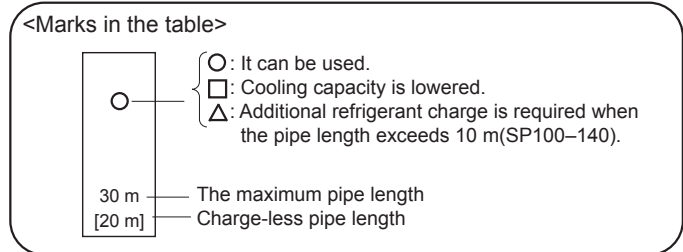
Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.
 2. PUHZ-P100: 20 m chargeless PUHZ-P125-250: 30 m chargeless

■ PUAZ-SP100YKA
 PUAZ-SP125VKA
 PUAZ-SP125YKA
 PUAZ-SP140VKA
 PUAZ-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
PUAZ-SP100YKA	30 m	3.3 kg		
PUAZ-SP125VKA PUAZ-SP125YKA	40 m	3.8 kg		0.6kg
PUAZ-SP140VKA PUAZ-SP140YKA	40 m	3.8 kg		0.6kg

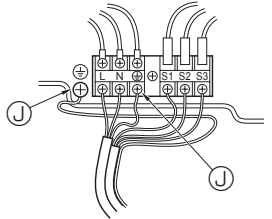
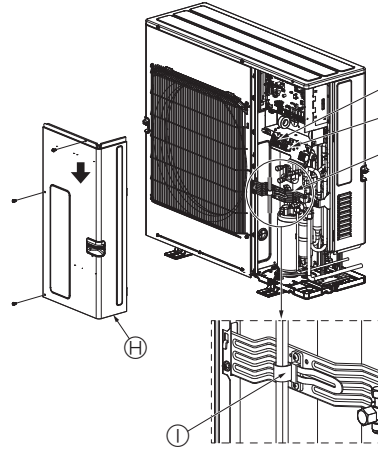
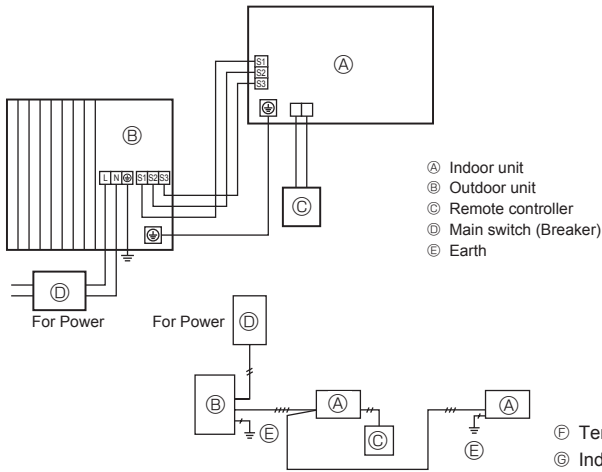
MULTI SYSTEM
 REFRIGERANT PIPING

3. PUZ-SM100VKA
PUZ-SM100YKA

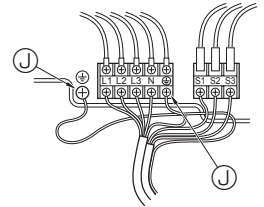
PUZ-SM125VKA
PUZ-SM125YKA

PUZ-SM140VKA
PUZ-SM140YKA

■ SM100,125,140V



■ SM100,125,140Y



- ⓕ 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

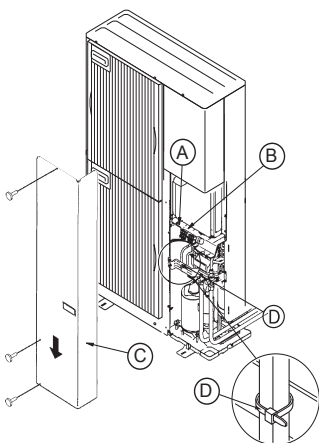
Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

⚠ Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

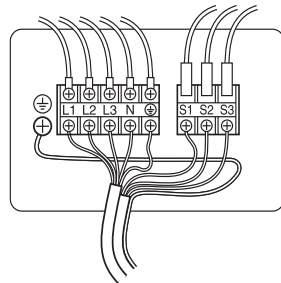
MULTI SYSTEM

4. PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

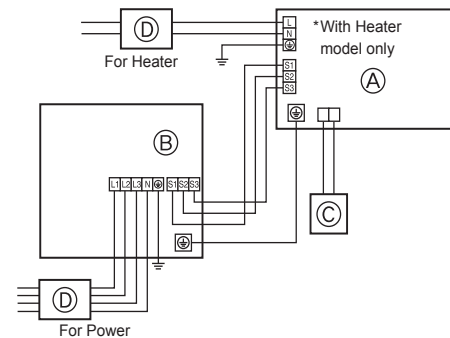
PUHZ-P200YKA3
PUHZ-P250YKA3



Note: If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.



* Except PEA-RP200, 250WKA



- ⓐ Power supply terminal block (L1, L2, L3, N, ⊕)
- ⓑ 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.

