P series Model List

P series model Combination Table

Models			Slim Deluxe												Slim Standard													Slim Economy									
Refrigerant			R32																																		
			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2	PUZ-ZM200YKA2	PUZ-ZM250YKA2	SUZ-M25VAR2	SUZ-M35VAR2	SUZ-M50VAR2	SUZ-M60VAR2	SUZ-M71VAR1	PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2	PUZ-M200YKA2	PUZ-M250YKA2	SUZ-SM35VA	SUZ-SM50VA	SUZ-SM60VA	SUZ-SM71VA	PUZ-SM100VKA2	PUZ-SM100YKA2	PUZ-SM125VKA2	PUZ-SM125YKA2	PUZ-SM140VKA2	PUZ-SM140YKA2
Ceiling casette PLA series	PLA-ZM	PLA-ZM35EA2	●			×2																															
		PLA-ZM50EA2		●			×2	×2			×3	×3	×4																								
		PLA-ZM60EA2			●				×2	×2			×3	×4																							
		PLA-ZM71EA2				●					×2	×2		×3																							
		PLA-ZM100EA2					●	●					×2																								
		PLA-ZM125EA2							●	●				×2																							
		PLA-ZM140EA2									●	●																									
	PLA-M	PLA-M35EA2	●			×2										●																					
		PLA-M50EA2		●			×2	×2			×3	×3	×4				●			×2	×2			×3	×3	×4											
		PLA-M60EA2			●				×2	×2			×3	×4				●				×2	×2			×3	×4										
		PLA-M71EA2				●					×2	×2		×3					●					×2	×2		×3										
		PLA-M100EA2					●	●					×2							●	●					×2											
		PLA-M125EA2							●	●				×2								●	●				×2										
		PLA-M140EA2									●	●												●	●												
	PLA-SM	PLA-SM71EA2																													●					×2	×2
		PLA-SM100EA2																														●	●				
		PLA-SM125EA2																																●	●		
		PLA-SM140EA2																																		●	●
Wall mounted	PKA-M	PKA-M35LA(L)2	●			×2																															
		PKA-M50LA(L)2		●			×2	×2			×3	×3	×4							×2	×2			×3	×3	×4											
		PKA-M60KA(L)2			●				×2	×2			×3	×4								×2	×2			×3	×4										
		PKA-M71KA(L)2				●					×2	×2		×3										×2	×2		×3										
		PKA-M100KA(L)2					●	●					×2							●	●					×2											
Ceiling suspended PCA series	PCA-M	PCA-M35KA2	●			×2										●																					
		PCA-M50KA2		●			×2	×2			×3	×3	×4				●			×2	×2			×3	×3	×4											
		PCA-M60KA2			●				×2	×2			×3	×4				●				×2	×2			×3	×4										
		PCA-M71KA2				●					×2	×2		×3					●					×2	×2		×3										
		PCA-M100KA2					●	●					×2							●	●					×2											
		PCA-M125KA2							●	●				×2								●	●				×2										
		PCA-M140KA2									●	●												●	●												
	PCA-M HA	PCA-M71HA2				●					×2	×2		×3																							
Floor standing PSA	PSA-M	PSA-M71KA				●					×2	×2		×3					●					×2	×2		×3										
		PSA-M100KA					●	●					×2							●	●					×2											
		PSA-M125KA							●	●				×2								●	●				×2										
		PSA-M140KA									●	●												●	●												
Ceiling- concealed PEAD/PEA series	PEAD-M	PEAD-M35JA(L)2	●			×2										●																					
		PEAD-M50JA(L)2		●			×2	×2			×3	×3	×4				●			×2	×2			×3	×3	×4											
		PEAD-M60JA(L)2			●				×2	×2			×3	×4				●				×2	×2			×3	×4										
		PEAD-M71JA(L)2				●					×2	×2		×3					●					×2	×2		×3										
		PEAD-M100JA(L)2					●	●					×2							●	●					×2											
		PEAD-M125JA(L)2							●	●				×2								●	●				×2										
		PEAD-M140JA(L)2									●	●												●	●												
	PEAD-SM	PEAD-SM35JA(L)																										●									
		PEAD-SM50JA(L)																											●								
		PEAD-SM60JA(L)																												●							
		PEAD-SM71JA(L)2																													●					×2	×2
		PEAD-SM100JA(L)2																														●	●				
		PEAD-SM125JA(L)2																																●	●		
		PEAD-SM140JA(L)2																																		●	●
	PEA-M	PEA-M200LA2											●													●											
		PEA-M250LA2												●													●										
Ceiling cas-sette SLZ	SLZ-M	SLZ-M15FA2																																			
		SLZ-M25FA2													●																						
		SLZ-M35FA2				×2	×3	×3	×4	×4	×4	×4				●																					
		SLZ-M50FA2					×2	×2	×3	×3	×3	×3					●																				
		SLZ-M60FA2							×2	×2								●																			
Ceiling Concealed SEZ	SEZ-M	SEZ-M25DA(L)2													●																						
		SEZ-M35DA(L)2														●																					
		SEZ-M50DA(L)2															●																				
		SEZ-M60DA(L)2																●																			
		SEZ-M71DA(L)2																	●																		
Concealed floor standing SFZ	SFZ-M	SFZ-M25VA													●																						
		SFZ-M35VA														●																					
		SFZ-M50VA															●																				
		SFZ-M60VA																●																			
		SFZ-M71VA																	●																		

A.1 CEILING CASSETTE (PLA)

A.1.1 SPECIFICATIONS

1. Power Inverter SERIES

Model Name	Indoor Unit				PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2
	Outdoor Unit				PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Min.		kW	1.6	2.3	2.7	3.3
		Max.		kW	4.5	5.6	6.5	8.1
	SHF	Rated			0.97	0.85	0.77	0.72
	Total Input	Rated		kW	0.705	1.106	1.452	1.651
	EER				5.10	4.52	4.20	4.30
	Annual Electricity Consumption			kWh/a	168	230	296	327
	SEER				7.5	7.6	7.2	7.6
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Min.		kW	1.6	2.5	2.8	3.5
		Max.		kW	5.2	7.3	8.2	10.2
	Total Input	Rated		kW	0.820	1.363	1.707	1.818
	COP				5.00	4.40	4.10	4.40
	Annual Electricity Consumption			kWh/a	744	1086	1339	1371
	SCOP				4.7	4.9	4.6	4.8
		Energy efficiency class			A++	A++	A++	A++
Operating Current(max)				A	13.2	13.2	19.2	19.3
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.05 / 0.05
	Operating Current(max)			A	0.21	0.22	0.22	0.34
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21 <5>	21 <5>	21 <5>	24 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m^3/min.	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	57
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m^3/min.	45	45	55	55
		Heating	Rated	m^3/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max.Length	Out-In		m	50	50	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-11	-11	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

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

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

Model Name	Indoor Unit				PLA-ZM140EA2	PLA-ZM140EA2
	Outdoor Unit				PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	—	—
				Phase	—	—
				Hz	—	—
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	6.2	6.2
		Max.		kW	15.0	15.0
	SHF	Rated			0.70	0.70
	Total Input	Rated		kW	3.722	3.722
	EER				3.60	3.60
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	16.0	16.0
		Min.		kW	5.7	5.7
		Max.		kW	18.0	18.0
	Total Input	Rated		kW	4.312	4.312
	COP				3.71	3.71
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	30.7	12.5
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	24-26-29-32	24-26-29-32
	External Static Pressure			Pa	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44	36-39-42-44
	Sound Level (PWL)	Cooling		dB(A)	65	65
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	118
	Air Volume	Cooling	Rated	m³/min.	120	120
		Heating	Rated	m³/min.	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70
	Operating Current(max)			A	30	11.8
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	100	100
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15
			Upper Limit.	°C	+46	+46
		Heating	Lower Limit.	°C	-20	-20
			Upper Limit.	°C	+21	+21

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

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

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

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

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

Model Name	Indoor Unit				PLA-M140EA2	PLA-M140EA2
	Outdoor Unit				PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	—	—
				Phase	—	—
				Hz	—	—
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	6.2	6.2
		Max.		kW	15.0	15.0
	SHF	Rated			0.70	0.70
	Total Input	Rated		kW	3.746	3.746
	EER				3.58	3.58
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	16.0	16.0
		Min.		kW	5.7	5.7
		Max.		kW	18.0	18.0
	Total Input	Rated		kW	4.365	4.365
	COP				3.67	3.67
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	30.7	12.5
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	24-26-29-32	24-26-29-32
	External Static Pressure			Pa	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44	36-39-42-44
	Sound Level (PWL)	Cooling		dB(A)	65	65
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	118
	Air Volume	Cooling	Rated	m³/min.	120	120
		Heating	Rated	m³/min.	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70
	Operating Current(max)			A	30	11.8
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	100	100
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-20	-20
			Upper Limit.	℃	+21	+21

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

2.Standard Inverter SERIES

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

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

Model Name	Indoor Unit				PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2
	Outdoor Unit				PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	9.5	9.5	12.1	12.1
		Min.		kW	4.0	4.0	5.8	5.8
		Max.		kW	10.6	10.6	13.0	13.0
	SHF	Rated			0.77	0.77	0.72	0.72
	Total Input	Rated		kW	2.714	2.714	4.019	4.019
	EER				3.50	3.50	3.01	3.01
	Annual Electricity Consumption			kWh/a	475	475	—	—
	SEER				7.0	7.0	—	—
		Energy efficiency class			A++	A++	—	—
Heating	Capacity	Rated		kW	11.2	11.2	13.5	13.5
		Min.		kW	2.8	2.8	4.1	4.1
		Max.		kW	12.5	12.5	15.0	15.0
	Total Input	Rated		kW	3.018	3.018	3.638	3.638
	COP				3.71	3.71	3.71	3.71
	Annual Electricity Consumption			kWh/a	2406	2406	—	—
	SCOP				4.6	4.6	—	—
		Energy efficiency class			A++	A++	—	—
Operating Current(max)				A	20.5	12	27.2	12.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.46	0.46	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44
	Sound Level (PWL)	Cooling		dB(A)	61	61	65	65
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	55	55	65	65
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+21	+21	+21	+21

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

					PLA-M140EA2	PLA-M140EA2
Model Name	Indoor Unit				PLA-M140EA2	PLA-M140EA2
	Outdoor Unit				PUZ-M140VKA2	PUZ-M140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	—	—
				Phase	—	—
				Hz	—	—
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	5.8	5.8
		Max.		kW	14.1	14.1
	SHF	Rated			0.70	0.70
	Total Input	Rated		kW	4.962	4.962
	EER				2.70	2.70
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	15.0	15.0
		Min.		kW	4.2	4.2
		Max.		kW	15.8	15.8
	Total Input	Rated		kW	4.398	4.398
	COP				3.41	3.41
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	30.7	12.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	24-26-29-32	24-26-29-32
	External Static Pressure			Pa	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44	36-39-42-44
	Sound Level (PWL)	Cooling		dB(A)	65	65
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85
	Air Volume	Cooling	Rated	m³/min.	86	86
		Heating	Rated	m³/min.	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	57	57
	Sound Level (PWL)	Cooling		dB(A)	73	73
	Operating Current(max)			A	30	11.5
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	65	65
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+21	+21

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

3.Eco Inverter SERIES

Model Name							
Model Name	Indoor Unit				PLA-SM71EA2	PLA-SM100EA2	PLA-SM100EA2
	Outdoor Unit				SUZ-SM71VA	PUZ-SM100VKA2	PUZ-SM100YKA2
Refrigerant					R32		
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	400
				Phase	Single	Single	Three
				Hz	50	50	50
	In			V	—	—	—
				Phase	—	—	—
				Hz	—	—	—
Cooling	Capacity	Rated		kW	7.1	9.5	9.5
		Min.		kW	2.2	4.0	4.0
		Max.		kW	8.1	10.6	10.6
	SHF	Rated			0.75	0.77	0.77
	Total Input	Rated		kW	1.972	2.794	2.794
	EER				3.60	3.40	3.40
	Annual Electricity Consumption			kWh/a	410	554	554
	SEER				6.0	6.0	6.0
		Energy efficiency class			A+	A+	A+
Heating	Capacity	Rated		kW	8.0	11.2	11.2
		Min.		kW	2.0	2.8	2.8
		Max.		kW	10.2	12.5	12.5
	Total Input	Rated		kW	2.285	3.102	3.102
	COP				3.50	3.61	3.61
	Annual Electricity Consumption			kWh/a	2068	2486	2486
	SCOP				3.9	4.5	4.5
		Energy efficiency class			A	A+	A+
Operating Current(max)				A	15.1	20.5	12
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07
	Operating Current(max)			A	0.27	0.46	0.46
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21<5>	24<5>	24<5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	14-17-19-21	19-23-26-29	19-23-26-29
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	28-30-32-34	31-34-37-40	31-34-37-40
	Sound Level (PWL)	Cooling		dB(A)	56	61	61
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m³/min.	50.1	79	79
		Heating	Rated	m³/min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	49	49
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max.Length	Out-In		m	30	30	30
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15
			Upper Limit.	℃	46	46	46
		Heating	Lower Limit.	℃	-10	-15	-15
			Upper Limit.	℃	24	21	21

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

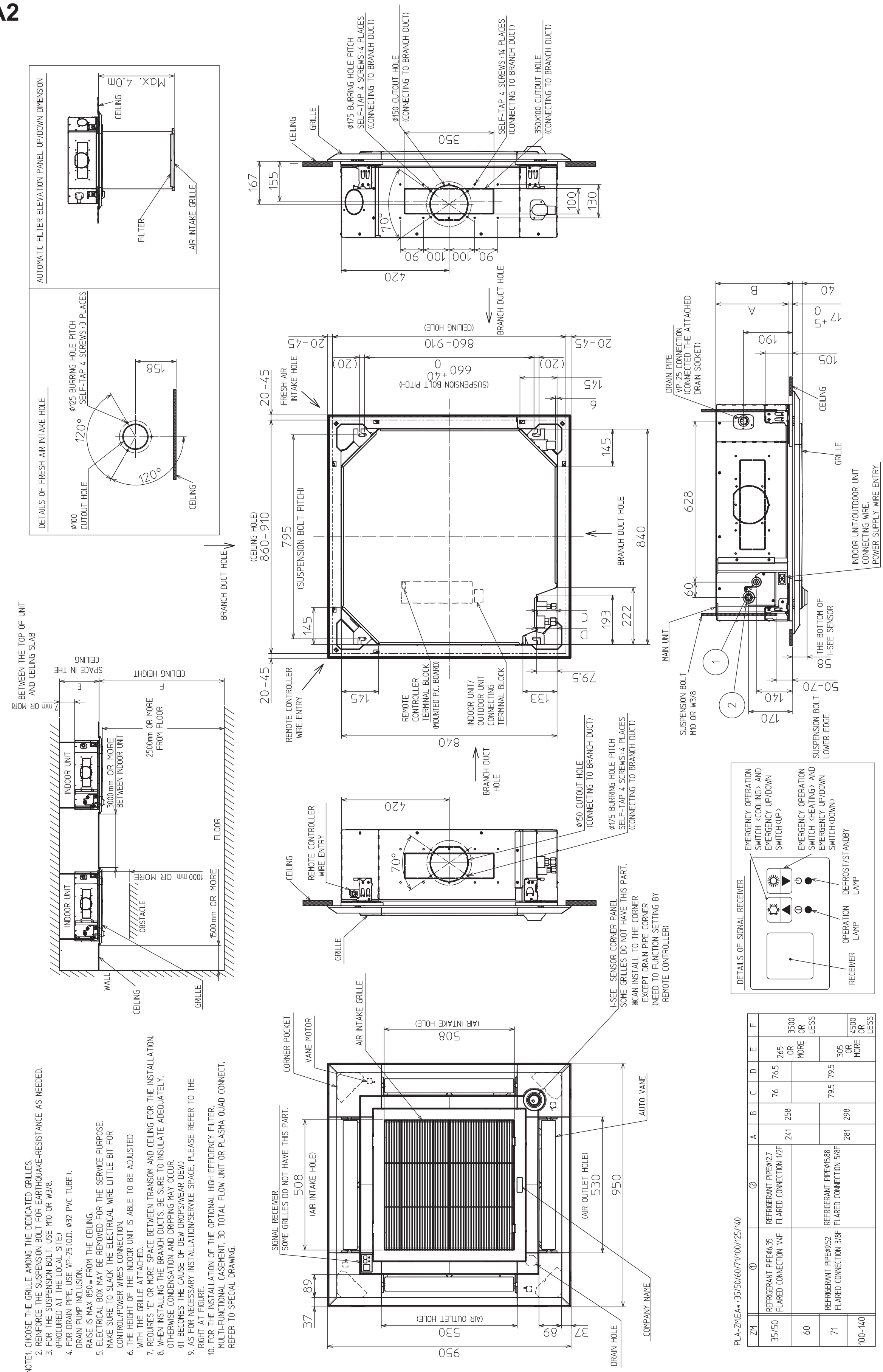
Model Name	Indoor Unit				PLA-SM125EA2	PLA-SM125EA2	PLA-SM140EA2	PLA-SM140EA2
	Outdoor Unit				PUZ-SM125VKA2	PUZ-SM125YKA2	PUZ-SM140VKA2	PUZ-SM140YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	12.1	12.1	13.4	13.4
		Min.		kW	5.8	5.8	5.8	5.8
		Max.		kW	13.0	13.0	14.1	14.1
	SHF	Rated			0.73	0.73	0.70	0.70
	Total Input	Rated		kW	4.172	4.172	5.134	5.134
	EER				2.90	2.90	2.61	2.61
	Annual Electricity Consumption			kWh/a	—	—	—	—
	SEER				—	—	—	—
		Energy efficiency class			—	—	—	—
Heating	Capacity	Rated		kW	13.5	13.5	15.0	15.0
		Min.		kW	4.1	4.1	4.2	4.2
		Max.		kW	15.0	15.0	15.8	15.8
	Total Input	Rated		kW	3.739	3.739	4.545	4.545
	COP				3.61	3.61	3.30	3.30
	Annual Electricity Consumption			kWh/a	—	—	—	—
	SCOP				—	—	—	—
		Energy efficiency class			—	—	—	—
Operating Current(max)				A	27.2	12.2	30.7	12.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.66	0.66	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26<5>	26<5>	26<5>	26<5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	21-25-28-31	21-25-28-31	24-26-29-32	24-26-29-32
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44
	Sound Level (PWL)	Cooling		dB(A)	65	65	65	65
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	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)	52	52	54	54
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling		dB(A)	72	72	73	73
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	40	40	40	40
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	46	46	46	46
		Heating	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	21	21	21	21

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

A.1.2 OUTLINE DIMENSIONS

Unit: mm

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



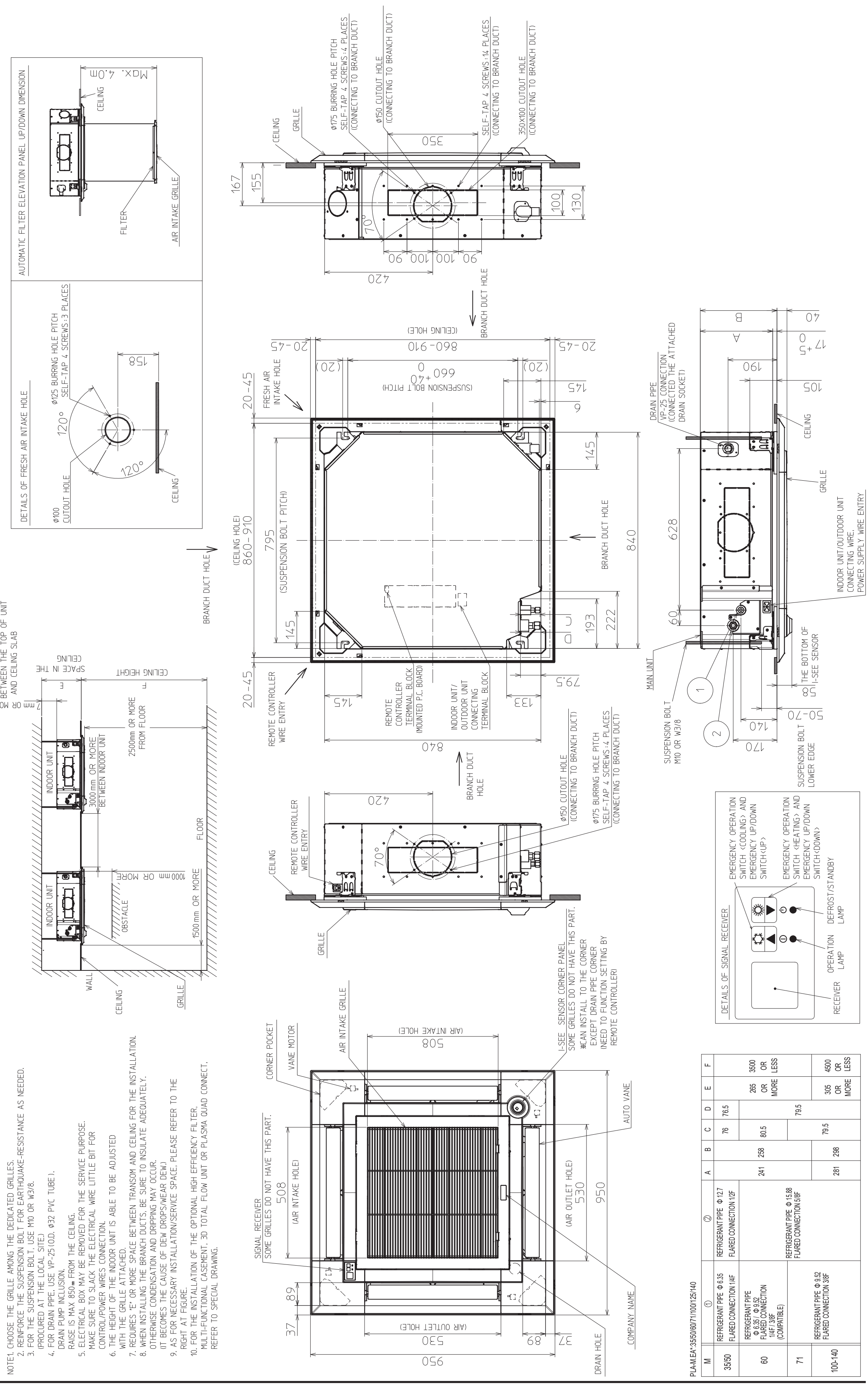
NOTE1. CHOOSE THE GRILLE AMONG THE DEDICATED GRILLES.
2. REINFORCE THE SUSPENSION BOLT FOR EARTHQUAKE-RESISTANCE AS NEEDED.
3. FOR THE SUSPENSION BOLT, USE M10 OR W3/8. (PROCURED AT THE LOCAL SITE.)
4. FOR DRAIN PIPE, USE VP-25 (O.D. ø32 PVC TUBE). DRAIN PUMP INCLUSION. RAISE IS MAX 850mm FROM THE CEILING.
5. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE. MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR CONTROL/POWER WIRES CONNECTION.
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. (IT BECOMES THE CAUSE OF DEW DROPS/WEAR DEW.)
9. AS FOR NECESSARY INSTALLATION/SERVICE SPACE, PLEASE REFER TO THE RIGHT AT FIGURE.
10. FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER, MULTI-FUNCTIONAL CASEMENT, 3D TOTAL FLOW UNIT OR PLASMA QUAD CONNECT, REFER TO SPECIAL DRAWING.

PLA-ZM.EA∗ : 35/50/60/71/100/125/140

ZM	①	②	A	B	C	D	E	F
35/50	REFRIGERANT PIPEø6.35 FLARED CONNECTION 1/4F	REFRIGERANT PIPEø12.7 FLARED CONNECTION 1/2F	241	258	76	76.5	265 OR MORE	3500 OR LESS
60	REFRIGERANT PIPEø9.52 FLARED CONNECTION 3/8F	REFRIGERANT PIPEø15.88 FLARED CONNECTION 5/8F			79.5	79.5		
71			281	298			305 OR MORE	
100-140								4500 OR LESS

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

Unit: mm



NOTE1. 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. (PROCURED AT THE LOCAL SITE.)
4. FOR DRAIN PIPE, USE VP-25 (O.D. ø32 PVC TUBE). DRAIN PUMP INCLUSION. RAISE IS MAX 850mm FROM THE CEILING.
5. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE. MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR CONTROL/POWER WIRES CONNECTION.
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. (IT BECOMES THE CAUSE OF DEW DROPS/WEAR DEW.)
9. AS FOR NECESSARY INSTALLATION/SERVICE SPACE, PLEASE REFER TO THE RIGHT AT FIGURE.
10. FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER, MULTI-FUNCTIONAL CASEMENT, 3D TOTAL FLOW UNIT OR PLASMA QUAD CONNECT. REFER TO SPECIAL DRAWING.

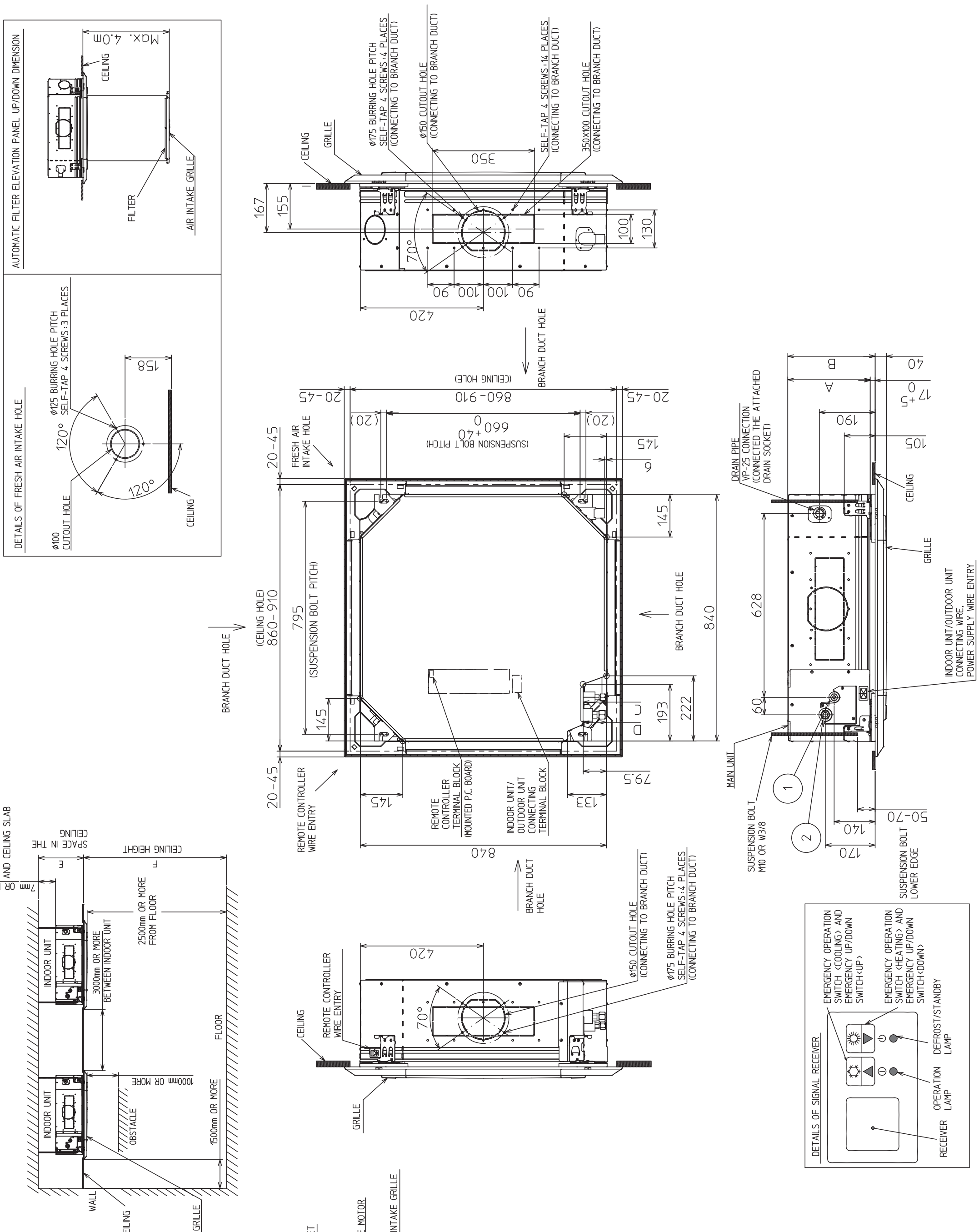
PLA-M.EA*:35/50/60/71/100/125/140

M	①	②	A	B	C	D	E	F
35/50	REFRIGERANT PIPE Φ 6.35 FLARED CONNECTION 1/4F	REFRIGERANT PIPE Φ 12.7 FLARED CONNECTION 1/2F	241	258	76	76.5	265 OR MORE	3500 OR LESS
60	REFRIGERANT PIPE Φ 6.35 / Φ 9.52 FLARED CONNECTION 1/4F / 3/8F (COMPATIBLE)	REFRIGERANT PIPE Φ 15.88 FLARED CONNECTION 5/8F			80.5	79.5		
71								
100-140	REFRIGERANT PIPE Φ 9.52 FLARED CONNECTION 3/8F		281	298	79.5		305 OR MORE	4500 OR LESS

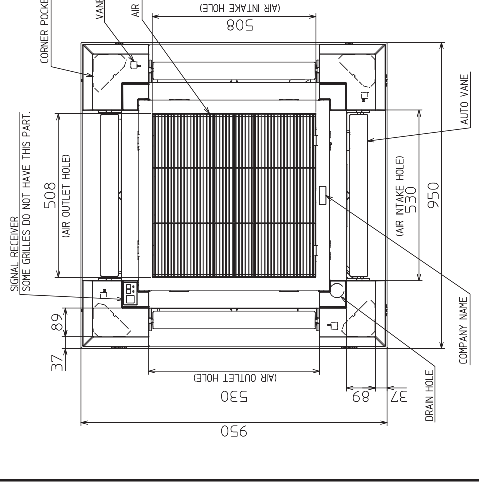
MITSUBISHI ELECTRIC CORPORATION

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

Unit: mm



NOTE1. 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. (PROCURED AT THE LOCAL SITE.)
4. FOR DRAIN PIPE, USE VP-25(O.D. ø32 PVC TUBE). DRAIN PUMP INCLUSION. RAISE IS MAX 850mm FROM THE CEILING.
5. ELECTRICAL BOX MAY BE REMOVED FOR THE SERVICE PURPOSE. MAKE SURE TO SLACK THE ELECTRICAL WIRE LITTLE BIT FOR CONTROL/POWER WIRES CONNECTION.
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. (IT BECOMES THE CAUSE OF DEW DROPS/WEAR DEW.)
9. AS FOR NECESSARY INSTALLATION/SERVICE SPACE, PLEASE REFER TO THE RIGHT AT FIGURE.
10. FOR THE INSTALLATION OF THE OPTIONAL HIGH EFFICIENCY FILTER, MULTI-FUNCTIONAL CASEMENT OR PLASMA QUAD CONNECT, REFER TO SPECIAL DRAWING.



PLA-SM.EA*: 71/100/125/140

SM	①	②	A	B	C	D	E	F
71	REFRIGERANT PIPEø9.52 FLARED CONNECTION 3/8F	REFRIGERANT PIPEø15.88 FLARED CONNECTION 5/8F	241	258	79.5	79.5	265 OR MORE	3500 OR LESS
100-140			281	298			305 OR MORE	4500 OR LESS

A.1.3 WIRING DIAGRAM

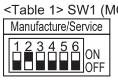
PLA-ZM35EA2 PLA-ZM100EA2
PLA-ZM50EA2 PLA-ZM125EA2
PLA-ZM60EA2 PLA-ZM140EA2
PLA-ZM71EA2

[LEGEND]

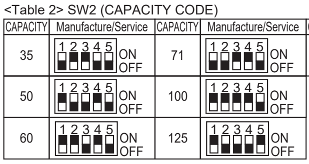
SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD
CN2L	CONNECTOR (LOSSNAY)
CN32	CONNECTOR (REMOTE SWITCH)
CN41	CONNECTOR (HA TERMINAL-A)
CN51	CONNECTOR (CENTRALLY CONTROL)
CN105	CONNECTOR (IT TERMINAL)
F1	FUSE (T6.3AL250V)
LED1	POWER SUPPLY (I.B)
LED2	POWER SUPPLY (R.B)
LED3	TRANSMISSION (INDOOR-OUTDOOR)
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.
SWE	SWITCH (EMERGENCY OPERATION)
DP	DRAIN PUMP
FS	DRAIN FLOAT SWITCH
MF	FAN MOTOR
MV	VANE MOTOR

SYMBOL	NAME
TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
R.B	WIRED REMOTE CONTROLLER
OPTION PART	
W.B	PCB OF SIGNAL RECEIVER
BZ	BUZZER
LED1	LED (OPERATION INDICATION : GREEN)
LED2	LED (PREPARATION FOR HEATING : ORANGE)
RU	RECEIVING UNIT
SW1	EMERGENCY OPERATION (HEAT / DOWN)
SW2	EMERGENCY OPERATION (COOL / UP)
MT	i-see Sensor MOTOR
TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)

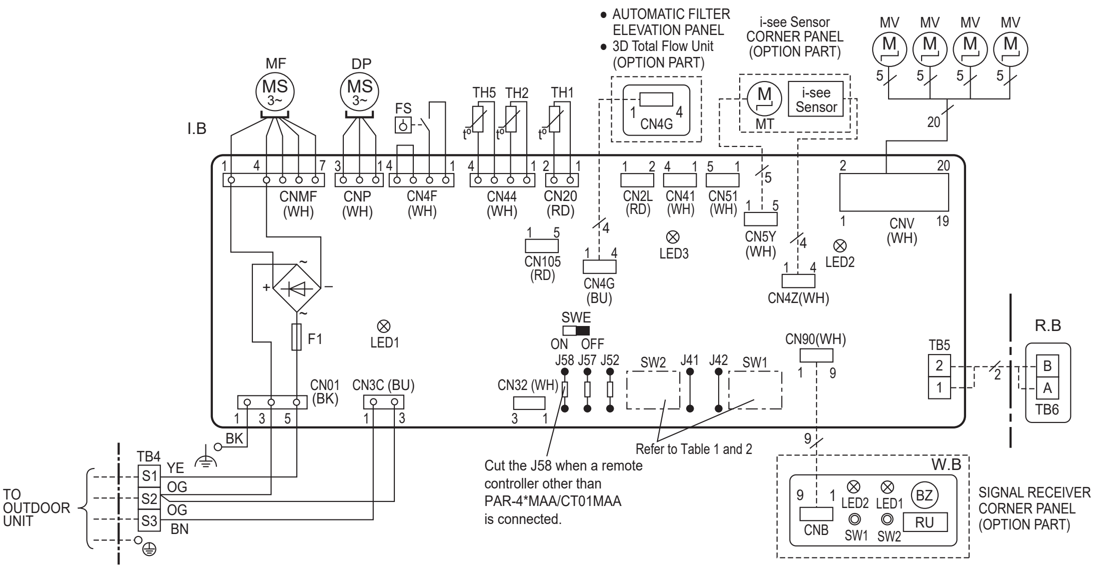
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

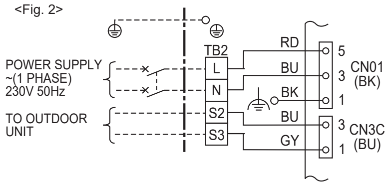


The black square (■) indicates a switch position.

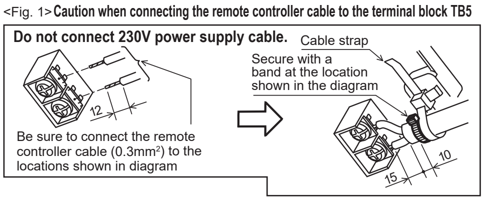


Notes: 1. Symbols used in wiring diagram on the left are, ☐☐☐ :Terminal (block), ▭ , ∘ ∘ ∘ :Connector.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor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

<Fig. 2>



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



[Self-diagnosis]

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

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

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

[LEGEND]

SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD
CN2L	CONNECTOR (LOSSNAY)
CN32	CONNECTOR (REMOTE SWITCH)
CN41	CONNECTOR (HA TERMINAL-A)
CN51	CONNECTOR (CENTRALLY CONTROL)
CN105	CONNECTOR (IT TERMINAL)
F1	FUSE (T6.3AL250V)
LED1	POWER SUPPLY (I.B)
LED2	POWER SUPPLY (R.B)
LED3	TRANSMISSION (INDOOR-OUTDOOR)
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.
SWE	SWITCH (EMERGENCY OPERATION)
DP	DRAIN PUMP
FS	DRAIN FLOAT SWITCH
MF	FAN MOTOR
MV	VANE MOTOR

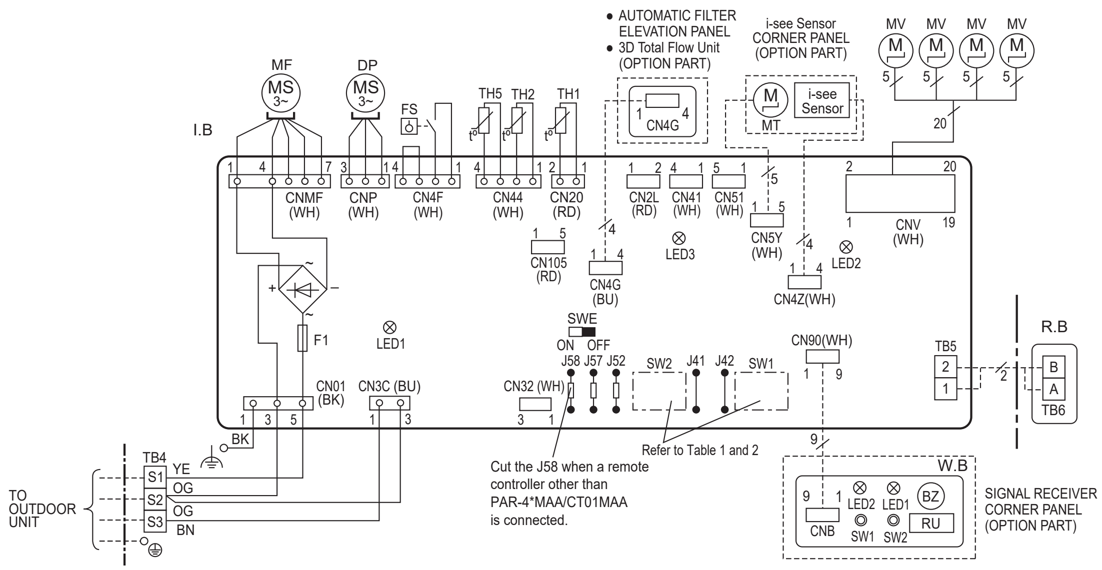
SYMBOL	NAME
TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
R.B	WIRED REMOTE CONTROLLER
OPTION PART	
W.B	PCB OF SIGNAL RECEIVER
BZ	BUZZER
LED1	LED (OPERATION INDICATION : GREEN)
LED2	LED (PREPARATION FOR HEATING : ORANGE)
RU	RECEIVING UNIT
SW1	EMERGENCY OPERATION (HEAT / DOWN)
SW2	EMERGENCY OPERATION (COOL / UP)
MT	i-see Sensor MOTOR
TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)

<Table 1> SW1 (MODEL SELECTION)

Manufacture/Service
1 2 3 4 5 6 ON OFF

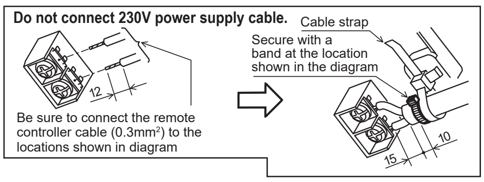
<Table 2> SW2 (CAPACITY CODE)

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		The black square (■) indicates a switch position.
60	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF		

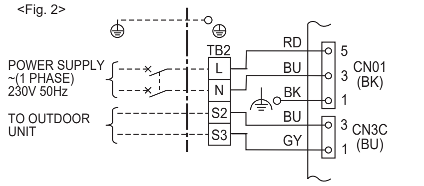


Notes:
1. Symbols used in wiring diagram on the left are, ☐☐☐ :Terminal (block), ▭ , ⚬⚬⚬ :Connector.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit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

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



<Fig. 2>



[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.		
P6	Freezing / overheating protection is working.	E6~EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P8	Abnormality of pipe temperature.		
P9	Abnormality of pipe temperature thermistor / Cond. /Eva. (TH5).	FB(Fb)	Abnormality of indoor controller board.
		U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
PA	Leakage error (refrigerant system)		

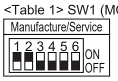
PLA-SM71EA2
PLA-SM100EA2
PLA-SM125EA2
PLA-SM140EA2

[LEGEND]

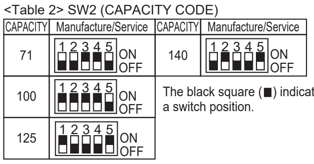
SYMBOL		NAME
I.B		INDOOR CONTROLLER BOARD
	CN2L	CONNECTOR (LOSSNAY)
	CN32	CONNECTOR (REMOTE SWITCH)
	CN41	CONNECTOR (HA TERMINAL-A)
	CN51	CONNECTOR (CENTRALLY CONTROL)
	CN105	CONNECTOR (IT TERMINAL)
	F1	FUSE (T6.3AL250V)
	LED1	POWER SUPPLY (I.B)
	LED2	POWER SUPPLY (R.B)
	LED3	TRANSMISSION (INDOOR-OUTDOOR)
	SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.
	SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.
	SWE	SWITCH (EMERGENCY OPERATION)
DP		DRAIN PUMP
FS		DRAIN FLOAT SWITCH
MF		FAN MOTOR
MV		VANE MOTOR

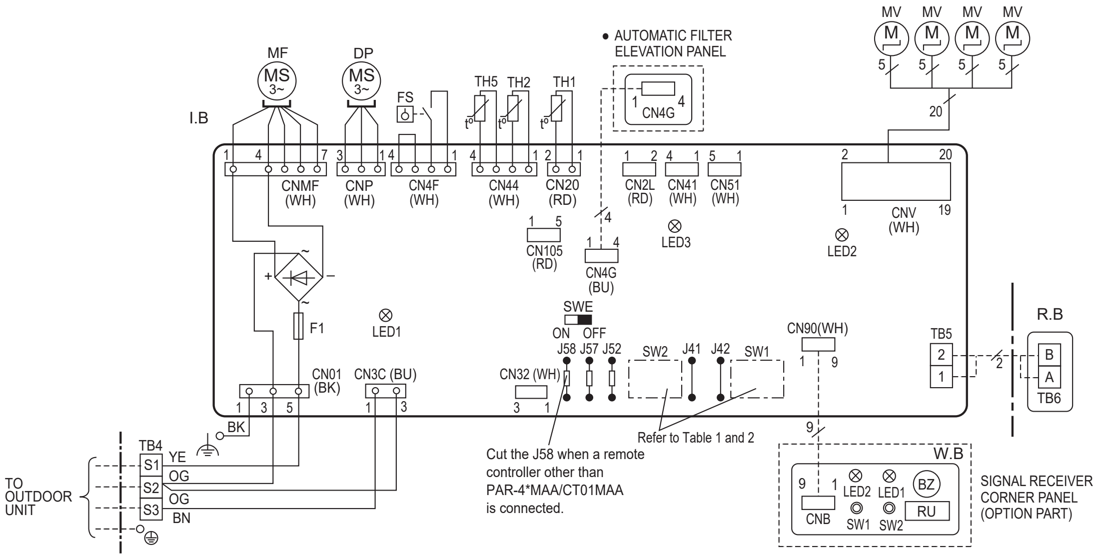
SYMBOL		NAME
TB4		TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
TB5,TB6		TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
TH1		ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH2		PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH5		COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
R.B		WIRED REMOTE CONTROLLER
OPTION PART		
	W.B	PCB OF SIGNAL RECEIVER
	BZ	BUZZER
	LED1	LED (OPERATION INDICATION : GREEN)
	LED2	LED (PREPARATION FOR HEATING : ORANGE)
	RU	RECEIVING UNIT
	SW1	EMERGENCY OPERATION (HEAT / DOWN)
	SW2	EMERGENCY OPERATION (COOL / UP)
	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)

<Table 1> SW1 (MODEL SELECTION)



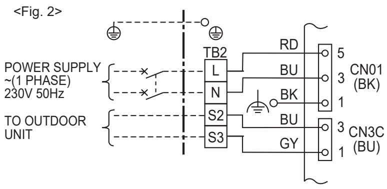
<Table 2> SW2 (CAPACITY CODE)



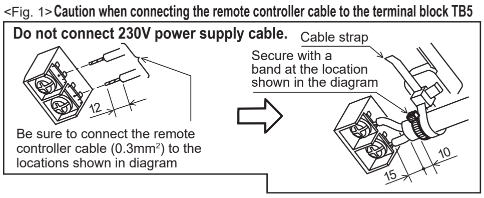


Notes: 1. Symbols used in wiring diagram on the left are, :Terminal (block), , :Connector.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric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

<Fig. 2>



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



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

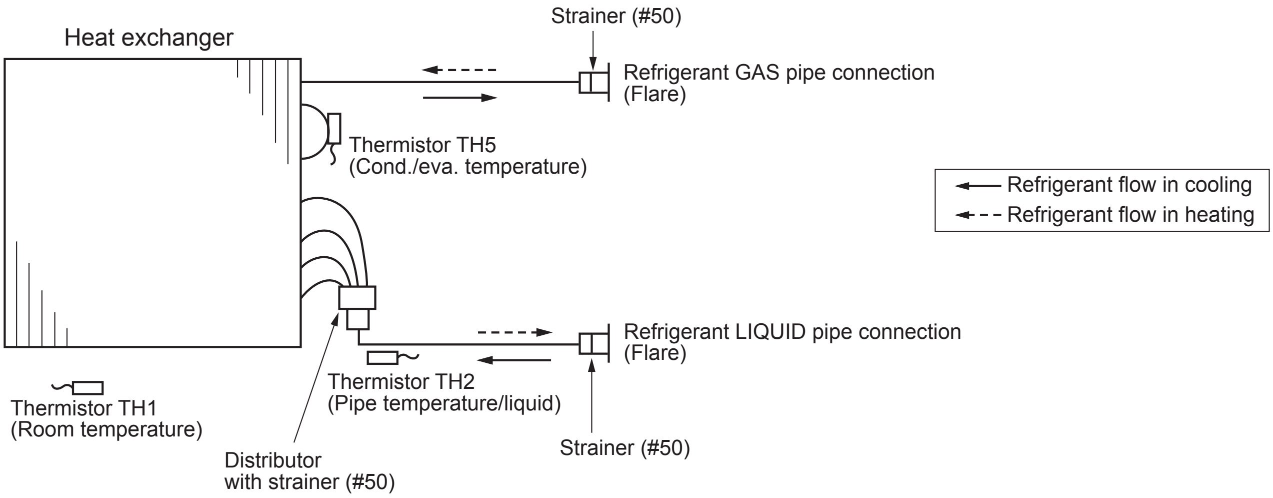
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0~E5	Abnormality of the signal transmission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

A.1.4 REFRIGERANT SYSTEM DIAGRAM

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

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

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



A.1.5 PERFORMANCE DATA

1. Power Inverter SERIES

COOLING CAPACITY
PLA-ZM35EA2 / PUZ-ZM35VKA2

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

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

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PLA-ZM50EA2 / PUZ-ZM50VKA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.505	3.505	1.00	1.046	3.399	3.399	1.00	1.134	3.311	3.311	1.00	1.221
14	8	3.540	3.540	1.00	1.048	3.424	3.424	1.00	1.136	3.330	3.330	1.00	1.223
14	9	3.688	3.393	0.92	1.056	3.562	3.277	0.92	1.147	3.457	3.180	0.92	1.236
16	8	3.655	3.655	1.00	1.055	3.546	3.546	1.00	1.145	3.455	3.455	1.00	1.235
16	9	3.715	3.641	0.98	1.058	3.589	3.517	0.98	1.148	3.488	3.418	0.98	1.238
16	11	3.886	3.497	0.90	1.067	3.754	3.379	0.90	1.160	3.643	3.279	0.90	1.252
18	10	3.807	3.807	1.00	1.063	3.695	3.695	1.00	1.156	3.601	3.601	1.00	1.248
18	11	3.901	3.784	0.97	1.067	3.769	3.656	0.97	1.161	3.658	3.548	0.97	1.254
18	12	4.094	3.603	0.88	1.076	3.956	3.481	0.88	1.173	3.838	3.377	0.88	1.268
20	16	4.450	3.338	0.75	1.062	4.250	3.188	0.75	1.139	4.050	3.038	0.75	1.233
20	18	4.800	3.024	0.63	1.089	4.650	2.930	0.63	1.172	4.350	2.741	0.63	1.261
20	20	5.200	2.652	0.51	1.117	5.000	2.550	0.51	1.194	4.700	2.397	0.51	1.283
22	16	4.450	3.694	0.83	1.062	4.250	3.528	0.83	1.139	4.050	3.362	0.83	1.233
22	18	4.800	3.408	0.71	1.089	4.650	3.302	0.71	1.172	4.350	3.089	0.71	1.261
22	20	5.200	3.068	0.59	1.117	5.000	2.950	0.59	1.194	4.700	2.773	0.59	1.283
24	16	4.450	4.050	0.91	1.062	4.250	3.868	0.91	1.139	4.050	3.686	0.91	1.233
24	18	4.800	3.792	0.79	1.089	4.650	3.674	0.79	1.172	4.350	3.437	0.79	1.261
24	20	5.200	3.484	0.67	1.117	5.000	3.350	0.67	1.194	4.700	3.149	0.67	1.283
24	22	5.600	3.080	0.55	1.139	5.400	2.970	0.55	1.228	5.100	2.805	0.55	1.305
26	16	4.450	4.406	0.99	1.062	4.250	4.208	0.99	1.139	4.050	4.010	0.99	1.233
26	18	4.800	4.176	0.87	1.089	4.650	4.046	0.87	1.172	4.350	3.785	0.87	1.261
26	20	5.200	3.900	0.75	1.117	5.000	3.750	0.75	1.194	4.700	3.525	0.75	1.283
26	22	5.600	3.528	0.63	1.139	5.400	3.402	0.63	1.228	5.100	3.213	0.63	1.305
27	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
27	18	4.800	4.368	0.91	1.089	4.650	4.232	0.91	1.172	4.350	3.959	0.91	1.261
27	20	5.200	4.108	0.79	1.117	5.000	3.950	0.79	1.194	4.700	3.713	0.79	1.283
27	22	5.600	3.752	0.67	1.139	5.400	3.618	0.67	1.228	5.100	3.417	0.67	1.305
28	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
28	18	4.800	4.560	0.95	1.089	4.650	4.418	0.95	1.172	4.350	4.133	0.95	1.261
28	20	5.200	4.316	0.83	1.117	5.000	4.150	0.83	1.194	4.700	3.901	0.83	1.283
28	22	5.600	3.976	0.71	1.139	5.400	3.834	0.71	1.228	5.100	3.621	0.71	1.305
30	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
30	18	4.800	4.800	1.00	1.089	4.650	4.650	1.00	1.172	4.350	4.350	1.00	1.261
30	20	5.200	4.732	0.91	1.117	5.000	4.550	0.91	1.194	4.700	4.277	0.91	1.283
30	22	5.600	4.424	0.79	1.139	5.400	4.266	0.79	1.228	5.100	4.029	0.79	1.305
32	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
32	18	4.800	4.800	1.00	1.089	4.650	4.650	1.00	1.172	4.350	4.350	1.00	1.261
32	20	5.200	5.148	0.99	1.117	5.000	4.950	0.99	1.194	4.700	4.653	0.99	1.283
32	22	5.600	4.872	0.87	1.139	5.400	4.698	0.87	1.228	5.100	4.437	0.87	1.305
34	16	4.450	4.450	1.00	1.062	4.250	4.250	1.00	1.139	4.050	4.050	1.00	1.233
34	18	4.800	4.800	1.00	1.089	4.650	4.650	1.00	1.172	4.350	4.350	1.00	1.261
34	20	5.200	5.200	1.00	1.117	5.000	5.000	1.00	1.194	4.700	4.700	1.00	1.283
34	22	5.600	5.320	0.95	1.139	5.400	5.130	0.95	1.228	5.100	4.845	0.95	1.305

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PLA-ZM60EA2 / PUZ-ZM60VHA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.567	0.99	1.065	4.505	4.460	0.99	1.163	4.397	4.353	0.99	1.261
14	8	4.711	4.334	0.92	1.064	4.585	4.218	0.92	1.164	4.459	4.102	0.92	1.264
14	9	4.906	4.121	0.84	1.062	4.775	4.011	0.84	1.167	4.644	3.901	0.84	1.271
16	8	4.806	4.758	0.99	1.063	4.695	4.648	0.99	1.166	4.583	4.537	0.99	1.269
16	9	4.942	4.448	0.90	1.062	4.810	4.329	0.90	1.167	4.678	4.210	0.90	1.272
16	11	5.169	4.239	0.82	1.059	5.031	4.125	0.82	1.170	4.892	4.011	0.82	1.280
18	10	5.005	4.905	0.98	1.061	4.888	4.790	0.98	1.169	4.771	4.676	0.98	1.276
18	11	5.189	4.618	0.89	1.060	5.049	4.494	0.89	1.170	4.910	4.370	0.89	1.281
18	12	5.448	4.358	0.80	1.056	5.300	4.240	0.80	1.172	5.153	4.122	0.80	1.288
20	16	6.039	4.046	0.67	1.162	5.856	3.924	0.67	1.227	5.673	3.801	0.67	1.300
20	18	6.466	3.556	0.55	1.183	6.283	3.456	0.55	1.249	6.070	3.339	0.55	1.336
20	20	6.954	2.990	0.43	1.220	6.802	2.925	0.43	1.278	6.619	2.846	0.43	1.365
22	16	6.039	4.529	0.75	1.162	5.856	4.392	0.75	1.227	5.673	4.255	0.75	1.300
22	18	6.466	4.074	0.63	1.183	6.283	3.958	0.63	1.249	6.070	3.824	0.63	1.336
22	20	6.954	3.547	0.51	1.220	6.802	3.469	0.51	1.278	6.619	3.376	0.51	1.365
24	16	6.039	5.012	0.83	1.162	5.856	4.860	0.83	1.227	5.673	4.709	0.83	1.300
24	18	6.466	4.591	0.71	1.183	6.283	4.461	0.71	1.249	6.070	4.310	0.71	1.336
24	20	6.954	4.103	0.59	1.220	6.802	4.013	0.59	1.278	6.619	3.905	0.59	1.365
24	22	7.412	3.484	0.47	1.249	7.259	3.412	0.47	1.321	7.076	3.326	0.47	1.408
26	16	6.039	5.495	0.91	1.162	5.856	5.329	0.91	1.227	5.673	5.162	0.91	1.300
26	18	6.466	5.108	0.79	1.183	6.283	4.964	0.79	1.249	6.070	4.795	0.79	1.336
26	20	6.954	4.659	0.67	1.220	6.802	4.557	0.67	1.278	6.619	4.435	0.67	1.365
26	22	7.412	4.077	0.55	1.249	7.259	3.992	0.55	1.321	7.076	3.892	0.55	1.408
27	16	6.039	5.737	0.95	1.162	5.856	5.563	0.95	1.227	5.673	5.389	0.95	1.300
27	18	6.466	5.367	0.83	1.183	6.283	5.215	0.83	1.249	6.070	5.038	0.83	1.336
27	20	6.954	4.937	0.71	1.220	6.802	4.829	0.71	1.278	6.619	4.699	0.71	1.365
27	22	7.412	4.373	0.59	1.249	7.259	4.283	0.59	1.321	7.076	4.175	0.59	1.408
28	16	6.039	5.979	0.99	1.162	5.856	5.797	0.99	1.227	5.673	5.616	0.99	1.300
28	18	6.466	5.625	0.87	1.183	6.283	5.466	0.87	1.249	6.070	5.281	0.87	1.336
28	20	6.954	5.216	0.75	1.220	6.802	5.102	0.75	1.278	6.619	4.964	0.75	1.365
28	22	7.412	4.670	0.63	1.249	7.259	4.573	0.63	1.321	7.076	4.458	0.63	1.408
30	16	6.039	6.039	1.00	1.162	5.856	5.856	1.00	1.227	5.673	5.673	1.00	1.300
30	18	6.466	6.143	0.95	1.183	6.283	5.969	0.95	1.249	6.070	5.767	0.95	1.336
30	20	6.954	5.772	0.83	1.220	6.802	5.646	0.83	1.278	6.619	5.494	0.83	1.365
30	22	7.412	5.263	0.71	1.249	7.259	5.154	0.71	1.321	7.076	5.024	0.71	1.408
32	16	6.039	6.039	1.00	1.162	5.856	5.856	1.00	1.227	5.673	5.673	1.00	1.300
32	18	6.466	6.466	1.00	1.183	6.283	6.283	1.00	1.249	6.070	6.070	1.00	1.336
32	20	6.954	6.328	0.91	1.220	6.802	6.190	0.91	1.278	6.619	6.023	0.91	1.365
32	22	7.412	5.855	0.79	1.249	7.259	5.735	0.79	1.321	7.076	5.590	0.79	1.408
34	16	6.039	6.039	1.00	1.162	5.856	5.856	1.00	1.227	5.673	5.673	1.00	1.300
34	18	6.466	6.466	1.00	1.183	6.283	6.283	1.00	1.249	6.070	6.070	1.00	1.336
34	20	6.954	6.884	0.99	1.220	6.802	6.734	0.99	1.278	6.619	6.553	0.99	1.365
34	22	7.412	6.448	0.87	1.249	7.259	6.315	0.87	1.321	7.076	6.156	0.87	1.408

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.234	0.99	1.373	4.147	4.106	0.99	1.489	4.040	4.000	0.99	1.604
14	8	4.319	3.973	0.92	1.376	4.177	3.843	0.92	1.492	4.063	3.738	0.92	1.606
14	9	4.499	3.779	0.84	1.387	4.345	3.650	0.84	1.505	4.218	3.543	0.84	1.622
16	8	4.459	4.414	0.99	1.384	4.326	4.283	0.99	1.504	4.215	4.173	0.99	1.622
16	9	4.533	4.080	0.90	1.389	4.379	3.941	0.90	1.508	4.256	3.830	0.90	1.626
16	11	4.741	3.888	0.82	1.400	4.580	3.756	0.82	1.523	4.445	3.645	0.82	1.644
18	10	4.645	4.552	0.98	1.395	4.508	4.418	0.98	1.518	4.394	4.306	0.98	1.639
18	11	4.760	4.236	0.89	1.401	4.598	4.092	0.89	1.524	4.463	3.972	0.89	1.646
18	12	4.995	3.996	0.80	1.413	4.826	3.861	0.80	1.540	4.682	3.746	0.80	1.665
20	16	5.429	3.637	0.67	1.394	5.185	3.474	0.67	1.496	4.941	3.310	0.67	1.619
20	18	5.856	3.221	0.55	1.430	5.673	3.120	0.55	1.539	5.307	2.919	0.55	1.655
20	20	6.344	2.728	0.43	1.467	6.100	2.623	0.43	1.568	5.734	2.466	0.43	1.684
22	16	5.429	4.072	0.75	1.394	5.185	3.889	0.75	1.496	4.941	3.706	0.75	1.619
22	18	5.856	3.689	0.63	1.430	5.673	3.574	0.63	1.539	5.307	3.343	0.63	1.655
22	20	6.344	3.235	0.51	1.467	6.100	3.111	0.51	1.568	5.734	2.924	0.51	1.684
24	16	5.429	4.506	0.83	1.394	5.185	4.304	0.83	1.496	4.941	4.101	0.83	1.619
24	18	5.856	4.158	0.71	1.430	5.673	4.028	0.71	1.539	5.307	3.768	0.71	1.655
24	20	6.344	3.743	0.59	1.467	6.100	3.599	0.59	1.568	5.734	3.383	0.59	1.684
24	22	6.832	3.211	0.47	1.496	6.588	3.096	0.47	1.612	6.222	2.924	0.47	1.713
26	16	5.429	4.940	0.91	1.394	5.185	4.718	0.91	1.496	4.941	4.496	0.91	1.619
26	18	5.856	4.626	0.79	1.430	5.673	4.482	0.79	1.539	5.307	4.193	0.79	1.655
26	20	6.344	4.250	0.67	1.467	6.100	4.087	0.67	1.568	5.734	3.842	0.67	1.684
26	22	6.832	3.758	0.55	1.496	6.588	3.623	0.55	1.612	6.222	3.422	0.55	1.713
27	16	5.429	5.158	0.95	1.394	5.185	4.926	0.95	1.496	4.941	4.694	0.95	1.619
27	18	5.856	4.860	0.83	1.430	5.673	4.709	0.83	1.539	5.307	4.405	0.83	1.655
27	20	6.344	4.504	0.71	1.467	6.100	4.331	0.71	1.568	5.734	4.071	0.71	1.684
27	22	6.832	4.031	0.59	1.496	6.588	3.887	0.59	1.612	6.222	3.671	0.59	1.713
28	16	5.429	5.375	0.99	1.394	5.185	5.133	0.99	1.496	4.941	4.892	0.99	1.619
28	18	5.856	5.095	0.87	1.430	5.673	4.936	0.87	1.539	5.307	4.617	0.87	1.655
28	20	6.344	4.758	0.75	1.467	6.100	4.575	0.75	1.568	5.734	4.301	0.75	1.684
28	22	6.832	4.304	0.63	1.496	6.588	4.150	0.63	1.612	6.222	3.920	0.63	1.713
30	16	5.429	5.429	1.00	1.394	5.185	5.185	1.00	1.496	4.941	4.941	1.00	1.619
30	18	5.856	5.563	0.95	1.430	5.673	5.389	0.95	1.539	5.307	5.042	0.95	1.655
30	20	6.344	5.266	0.83	1.467	6.100	5.063	0.83	1.568	5.734	4.759	0.83	1.684
30	22	6.832	4.851	0.71	1.496	6.588	4.677	0.71	1.612	6.222	4.418	0.71	1.713
32	16	5.429	5.429	1.00	1.394	5.185	5.185	1.00	1.496	4.941	4.941	1.00	1.619
32	18	5.856	5.856	1.00	1.430	5.673	5.673	1.00	1.539	5.307	5.307	1.00	1.655
32	20	6.344	5.773	0.91	1.467	6.100	5.551	0.91	1.568	5.734	5.218	0.91	1.684
32	22	6.832	5.397	0.79	1.496	6.588	5.205	0.79	1.612	6.222	4.915	0.79	1.713
34	16	5.429	5.429	1.00	1.394	5.185	5.185	1.00	1.496	4.941	4.941	1.00	1.619
34	18	5.856	5.856	1.00	1.430	5.673	5.673	1.00	1.539	5.307	5.307	1.00	1.655
34	20	6.344	6.281	0.99	1.467	6.100	6.039	0.99	1.568	5.734	5.677	0.99	1.684
34	22	6.832	5.944	0.87	1.496	6.588	5.732	0.87	1.612	6.222	5.413	0.87	1.713

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PLA-ZM71EA2 / PUZ-ZM71VHA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.679	0.94	1.561	4.827	4.537	0.94	1.693	4.702	4.420	0.94	1.823
14	8	5.027	4.373	0.87	1.564	4.862	4.230	0.87	1.696	4.729	4.114	0.87	1.826
14	9	5.237	4.137	0.79	1.577	5.057	3.995	0.79	1.712	4.909	3.878	0.79	1.844
16	8	5.190	4.879	0.94	1.574	5.035	4.733	0.94	1.710	4.906	4.612	0.94	1.844
16	9	5.276	4.485	0.85	1.579	5.096	4.332	0.85	1.714	4.953	4.210	0.85	1.849
16	11	5.519	4.250	0.77	1.592	5.331	4.105	0.77	1.732	5.173	3.983	0.77	1.869
18	10	5.406	5.028	0.93	1.586	5.247	4.880	0.93	1.726	5.114	4.756	0.93	1.864
18	11	5.540	4.654	0.84	1.593	5.352	4.496	0.84	1.733	5.194	4.363	0.84	1.871
18	12	5.814	4.361	0.75	1.607	5.618	4.214	0.75	1.751	5.450	4.088	0.75	1.893
20	16	6.319	3.918	0.62	1.585	6.035	3.742	0.62	1.701	5.751	3.566	0.62	1.841
20	18	6.816	3.408	0.50	1.626	6.603	3.302	0.50	1.750	6.177	3.089	0.50	1.882
20	20	7.384	2.806	0.38	1.668	7.100	2.698	0.38	1.783	6.674	2.536	0.38	1.915
22	16	6.319	4.423	0.70	1.585	6.035	4.225	0.70	1.701	5.751	4.026	0.70	1.841
22	18	6.816	3.953	0.58	1.626	6.603	3.830	0.58	1.750	6.177	3.583	0.58	1.882
22	20	7.384	3.397	0.46	1.668	7.100	3.266	0.46	1.783	6.674	3.070	0.46	1.915
24	16	6.319	4.929	0.78	1.585	6.035	4.707	0.78	1.701	5.751	4.486	0.78	1.841
24	18	6.816	4.499	0.66	1.626	6.603	4.358	0.66	1.750	6.177	4.077	0.66	1.882
24	20	7.384	3.987	0.54	1.668	7.100	3.834	0.54	1.783	6.674	3.604	0.54	1.915
24	22	7.952	3.340	0.42	1.701	7.668	3.221	0.42	1.833	7.242	3.042	0.42	1.948
26	16	6.319	5.434	0.86	1.585	6.035	5.190	0.86	1.701	5.751	4.946	0.86	1.841
26	18	6.816	5.044	0.74	1.626	6.603	4.886	0.74	1.750	6.177	4.571	0.74	1.882
26	20	7.384	4.578	0.62	1.668	7.100	4.402	0.62	1.783	6.674	4.138	0.62	1.915
26	22	7.952	3.976	0.50	1.701	7.668	3.834	0.50	1.833	7.242	3.621	0.50	1.948
27	16	6.319	5.687	0.90	1.585	6.035	5.432	0.90	1.701	5.751	5.176	0.90	1.841
27	18	6.816	5.316	0.78	1.626	6.603	5.150	0.78	1.750	6.177	4.818	0.78	1.882
27	20	7.384	4.873	0.66	1.668	7.100	4.686	0.66	1.783	6.674	4.405	0.66	1.915
27	22	7.952	4.294	0.54	1.701	7.668	4.141	0.54	1.833	7.242	3.911	0.54	1.948
28	16	6.319	5.940	0.94	1.585	6.035	5.673	0.94	1.701	5.751	5.406	0.94	1.841
28	18	6.816	5.589	0.82	1.626	6.603	5.414	0.82	1.750	6.177	5.065	0.82	1.882
28	20	7.384	5.169	0.70	1.668	7.100	4.970	0.70	1.783	6.674	4.672	0.70	1.915
28	22	7.952	4.612	0.58	1.701	7.668	4.447	0.58	1.833	7.242	4.200	0.58	1.948
30	16	6.319	6.319	1.00	1.585	6.035	6.035	1.00	1.701	5.751	5.751	1.00	1.841
30	18	6.816	6.134	0.90	1.626	6.603	5.943	0.90	1.750	6.177	5.559	0.90	1.882
30	20	7.384	5.760	0.78	1.668	7.100	5.538	0.78	1.783	6.674	5.206	0.78	1.915
30	22	7.952	5.248	0.66	1.701	7.668	5.061	0.66	1.833	7.242	4.780	0.66	1.948
32	16	6.319	6.319	1.00	1.585	6.035	6.035	1.00	1.701	5.751	5.751	1.00	1.841
32	18	6.816	6.680	0.98	1.626	6.603	6.471	0.98	1.750	6.177	6.053	0.98	1.882
32	20	7.384	6.350	0.86	1.668	7.100	6.106	0.86	1.783	6.674	5.740	0.86	1.915
32	22	7.952	5.884	0.74	1.701	7.668	5.674	0.74	1.833	7.242	5.359	0.74	1.948
34	16	6.319	6.319	1.00	1.585	6.035	6.035	1.00	1.701	5.751	5.751	1.00	1.841
34	18	6.816	6.816	1.00	1.626	6.603	6.603	1.00	1.750	6.177	6.177	1.00	1.882
34	20	7.384	6.941	0.94	1.668	7.100	6.674	0.94	1.783	6.674	6.274	0.94	1.915
34	22	7.952	6.521	0.82	1.701	7.668	6.288	0.82	1.833	7.242	5.938	0.82	1.948

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	1.583	7.016	6.946	0.99	1.729	6.848	6.780	0.99	1.875
14	8	7.337	6.750	0.92	1.582	7.141	6.570	0.92	1.731	6.945	6.389	0.92	1.880
14	9	7.641	6.418	0.84	1.580	7.436	6.246	0.84	1.735	7.232	6.075	0.84	1.890
16	8	7.485	7.410	0.99	1.580	7.311	7.238	0.99	1.734	7.138	7.067	0.99	1.887
16	9	7.696	6.926	0.90	1.579	7.491	6.742	0.90	1.736	7.286	6.557	0.90	1.892
16	11	8.050	6.601	0.82	1.575	7.834	6.424	0.82	1.739	7.619	6.248	0.82	1.904
18	10	7.794	7.638	0.98	1.578	7.613	7.461	0.98	1.738	7.431	7.282	0.98	1.897
18	11	8.080	7.191	0.89	1.576	7.864	6.999	0.89	1.740	7.647	6.806	0.89	1.905
18	12	8.485	6.788	0.80	1.570	8.255	6.604	0.80	1.743	8.024	6.419	0.80	1.915
20	16	9.405	6.301	0.67	1.727	9.120	6.110	0.67	1.824	8.835	5.919	0.67	1.932
20	18	10.070	5.539	0.55	1.760	9.785	5.382	0.55	1.857	9.453	5.199	0.55	1.986
20	20	10.830	4.657	0.43	1.814	10.593	4.555	0.43	1.900	10.308	4.432	0.43	2.029
22	16	9.405	7.054	0.75	1.727	9.120	6.840	0.75	1.824	8.835	6.626	0.75	1.932
22	18	10.070	6.344	0.63	1.760	9.785	6.165	0.63	1.857	9.453	5.955	0.63	1.986
22	20	10.830	5.523	0.51	1.814	10.593	5.402	0.51	1.900	10.308	5.257	0.51	2.029
24	16	9.405	7.806	0.83	1.727	9.120	7.570	0.83	1.824	8.835	7.333	0.83	1.932
24	18	10.070	7.150	0.71	1.760	9.785	6.947	0.71	1.857	9.453	6.712	0.71	1.986
24	20	10.830	6.390	0.59	1.814	10.593	6.250	0.59	1.900	10.308	6.082	0.59	2.029
24	22	11.543	5.425	0.47	1.857	11.305	5.313	0.47	1.965	11.020	5.179	0.47	2.094
26	16	9.405	8.559	0.91	1.727	9.120	8.299	0.91	1.824	8.835	8.040	0.91	1.932
26	18	10.070	7.955	0.79	1.760	9.785	7.730	0.79	1.857	9.453	7.468	0.79	1.986
26	20	10.830	7.256	0.67	1.814	10.593	7.097	0.67	1.900	10.308	6.906	0.67	2.029
26	22	11.543	6.349	0.55	1.857	11.305	6.218	0.55	1.965	11.020	6.061	0.55	2.094
27	16	9.405	8.935	0.95	1.727	9.120	8.664	0.95	1.824	8.835	8.393	0.95	1.932
27	18	10.070	8.358	0.83	1.760	9.785	8.122	0.83	1.857	9.453	7.846	0.83	1.986
27	20	10.830	7.689	0.71	1.814	10.593	7.521	0.71	1.900	10.308	7.319	0.71	2.029
27	22	11.543	6.810	0.59	1.857	11.305	6.670	0.59	1.965	11.020	6.502	0.59	2.094
28	16	9.405	9.311	0.99	1.727	9.120	9.029	0.99	1.824	8.835	8.747	0.99	1.932
28	18	10.070	8.761	0.87	1.760	9.785	8.513	0.87	1.857	9.453	8.224	0.87	1.986
28	20	10.830	8.123	0.75	1.814	10.593	7.945	0.75	1.900	10.308	7.731	0.75	2.029
28	22	11.543	7.272	0.63	1.857	11.305	7.122	0.63	1.965	11.020	6.943	0.63	2.094
30	16	9.405	9.405	1.00	1.727	9.120	9.120	1.00	1.824	8.835	8.835	1.00	1.932
30	18	10.070	9.567	0.95	1.760	9.785	9.296	0.95	1.857	9.453	8.980	0.95	1.986
30	20	10.830	8.989	0.83	1.814	10.593	8.792	0.83	1.900	10.308	8.556	0.83	2.029
30	22	11.543	8.196	0.71	1.857	11.305	8.027	0.71	1.965	11.020	7.824	0.71	2.094
32	16	9.405	9.405	1.00	1.727	9.120	9.120	1.00	1.824	8.835	8.835	1.00	1.932
32	18	10.070	10.070	1.00	1.760	9.785	9.785	1.00	1.857	9.453	9.453	1.00	1.986
32	20	10.830	9.855	0.91	1.814	10.593	9.640	0.91	1.900	10.308	9.380	0.91	2.029
32	22	11.543	9.119	0.79	1.857	11.305	8.931	0.79	1.965	11.020	8.706	0.79	2.094
34	16	9.405	9.405	1.00	1.727	9.120	9.120	1.00	1.824	8.835	8.835	1.00	1.932
34	18	10.070	10.070	1.00	1.760	9.785	9.785	1.00	1.857	9.453	9.453	1.00	1.986
34	20	10.830	10.722	0.99	1.814	10.593	10.487	0.99	1.900	10.308	10.205	0.99	2.029
34	22	11.543	10.042	0.87	1.857	11.305	9.835	0.87	1.965	11.020	9.587	0.87	2.094

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.041	6.458	6.393	0.99	2.214	6.291	6.228	0.99	2.384
14	8	6.727	6.189	0.92	2.045	6.505	5.985	0.92	2.218	6.328	5.822	0.92	2.388
14	9	7.007	5.886	0.84	2.062	6.767	5.684	0.84	2.238	6.569	5.518	0.84	2.412
16	8	6.945	6.876	0.99	2.059	6.737	6.670	0.99	2.236	6.565	6.499	0.99	2.411
16	9	7.059	6.353	0.90	2.065	6.819	6.137	0.90	2.242	6.628	5.965	0.90	2.417
16	11	7.384	6.055	0.82	2.082	7.133	5.849	0.82	2.265	6.922	5.676	0.82	2.444
18	10	7.233	7.088	0.98	2.074	7.021	6.881	0.98	2.257	6.843	6.706	0.98	2.437
18	11	7.413	6.598	0.89	2.084	7.161	6.373	0.89	2.266	6.950	6.186	0.89	2.447
18	12	7.779	6.223	0.80	2.101	7.516	6.013	0.80	2.290	7.292	5.834	0.80	2.476
20	16	8.455	5.665	0.67	2.073	8.075	5.410	0.67	2.224	7.695	5.156	0.67	2.407
20	18	9.120	5.016	0.55	2.127	8.835	4.859	0.55	2.289	8.265	4.546	0.55	2.461
20	20	9.880	4.248	0.43	2.181	9.500	4.085	0.43	2.332	8.930	3.840	0.43	2.504
22	16	8.455	6.341	0.75	2.073	8.075	6.056	0.75	2.224	7.695	5.771	0.75	2.407
22	18	9.120	5.746	0.63	2.127	8.835	5.566	0.63	2.289	8.265	5.207	0.63	2.461
22	20	9.880	5.039	0.51	2.181	9.500	4.845	0.51	2.332	8.930	4.554	0.51	2.504
24	16	8.455	7.018	0.83	2.073	8.075	6.702	0.83	2.224	7.695	6.387	0.83	2.407
24	18	9.120	6.475	0.71	2.127	8.835	6.273	0.71	2.289	8.265	5.868	0.71	2.461
24	20	9.880	5.829	0.59	2.181	9.500	5.605	0.59	2.332	8.930	5.269	0.59	2.504
24	22	10.640	5.001	0.47	2.224	10.260	4.822	0.47	2.396	9.690	4.554	0.47	2.548
26	16	8.455	7.694	0.91	2.073	8.075	7.348	0.91	2.224	7.695	7.002	0.91	2.407
26	18	9.120	7.205	0.79	2.127	8.835	6.980	0.79	2.289	8.265	6.529	0.79	2.461
26	20	9.880	6.620	0.67	2.181	9.500	6.365	0.67	2.332	8.930	5.983	0.67	2.504
26	22	10.640	5.852	0.55	2.224	10.260	5.643	0.55	2.396	9.690	5.330	0.55	2.548
27	16	8.455	8.032	0.95	2.073	8.075	7.671	0.95	2.224	7.695	7.310	0.95	2.407
27	18	9.120	7.570	0.83	2.127	8.835	7.333	0.83	2.289	8.265	6.860	0.83	2.461
27	20	9.880	7.015	0.71	2.181	9.500	6.745	0.71	2.332	8.930	6.340	0.71	2.504
27	22	10.640	6.278	0.59	2.224	10.260	6.053	0.59	2.396	9.690	5.717	0.59	2.548
28	16	8.455	8.370	0.99	2.073	8.075	7.994	0.99	2.224	7.695	7.618	0.99	2.407
28	18	9.120	7.934	0.87	2.127	8.835	7.686	0.87	2.289	8.265	7.191	0.87	2.461
28	20	9.880	7.410	0.75	2.181	9.500	7.125	0.75	2.332	8.930	6.698	0.75	2.504
28	22	10.640	6.703	0.63	2.224	10.260	6.464	0.63	2.396	9.690	6.105	0.63	2.548
30	16	8.455	8.455	1.00	2.073	8.075	8.075	1.00	2.224	7.695	7.695	1.00	2.407
30	18	9.120	8.664	0.95	2.127	8.835	8.393	0.95	2.289	8.265	7.852	0.95	2.461
30	20	9.880	8.200	0.83	2.181	9.500	7.885	0.83	2.332	8.930	7.412	0.83	2.504
30	22	10.640	7.554	0.71	2.224	10.260	7.285	0.71	2.396	9.690	6.880	0.71	2.548
32	16	8.455	8.455	1.00	2.073	8.075	8.075	1.00	2.224	7.695	7.695	1.00	2.407
32	18	9.120	9.120	1.00	2.127	8.835	8.835	1.00	2.289	8.265	8.265	1.00	2.461
32	20	9.880	8.991	0.91	2.181	9.500	8.645	0.91	2.332	8.930	8.126	0.91	2.504
32	22	10.640	8.406	0.79	2.224	10.260	8.105	0.79	2.396	9.690	7.655	0.79	2.548
34	16	8.455	8.455	1.00	2.073	8.075	8.075	1.00	2.224	7.695	7.695	1.00	2.407
34	18	9.120	9.120	1.00	2.127	8.835	8.835	1.00	2.289	8.265	8.265	1.00	2.461
34	20	9.880	9.781	0.99	2.181	9.500	9.405	0.99	2.332	8.930	8.841	0.99	2.504
34	22	10.640	9.257	0.87	2.224	10.260	8.926	0.87	2.396	9.690	8.430	0.87	2.548

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.062	0.92	3.194	8.497	7.817	0.92	3.464	8.278	7.616	0.92	3.730
14	8	8.851	7.523	0.85	3.200	8.559	7.275	0.85	3.470	8.326	7.077	0.85	3.737
14	9	9.220	7.099	0.77	3.226	8.904	6.856	0.77	3.502	8.643	6.655	0.77	3.774
16	8	9.138	8.407	0.92	3.221	8.865	8.156	0.92	3.498	8.638	7.947	0.92	3.773
16	9	9.288	7.709	0.83	3.231	8.973	7.448	0.83	3.507	8.721	7.238	0.83	3.782
16	11	9.716	7.287	0.75	3.258	9.385	7.039	0.75	3.543	9.108	6.831	0.75	3.825
18	10	9.517	8.660	0.91	3.246	9.239	8.407	0.91	3.531	9.003	8.193	0.91	3.813
18	11	9.754	7.998	0.82	3.260	9.422	7.726	0.82	3.545	9.145	7.499	0.82	3.829
18	12	10.236	7.472	0.73	3.287	9.890	7.220	0.73	3.583	9.595	7.004	0.73	3.874
20	16	11.125	6.675	0.60	3.243	10.625	6.375	0.60	3.479	10.125	6.075	0.60	3.766
20	18	12.000	5.760	0.48	3.327	11.625	5.580	0.48	3.581	10.875	5.220	0.48	3.851
20	20	13.000	4.680	0.36	3.412	12.500	4.500	0.36	3.648	11.750	4.230	0.36	3.918
22	16	11.125	7.565	0.68	3.243	10.625	7.225	0.68	3.479	10.125	6.885	0.68	3.766
22	18	12.000	6.720	0.56	3.327	11.625	6.510	0.56	3.581	10.875	6.090	0.56	3.851
22	20	13.000	5.720	0.44	3.412	12.500	5.500	0.44	3.648	11.750	5.170	0.44	3.918
24	16	11.125	8.455	0.76	3.243	10.625	8.075	0.76	3.479	10.125	7.695	0.76	3.766
24	18	12.000	7.680	0.64	3.327	11.625	7.440	0.64	3.581	10.875	6.960	0.64	3.851
24	20	13.000	6.760	0.52	3.412	12.500	6.500	0.52	3.648	11.750	6.110	0.52	3.918
24	22	14.000	5.600	0.40	3.479	13.500	5.400	0.40	3.750	12.750	5.100	0.40	3.986
26	16	11.125	9.345	0.84	3.243	10.625	8.925	0.84	3.479	10.125	8.505	0.84	3.766
26	18	12.000	8.640	0.72	3.327	11.625	8.370	0.72	3.581	10.875	7.830	0.72	3.851
26	20	13.000	7.800	0.60	3.412	12.500	7.500	0.60	3.648	11.750	7.050	0.60	3.918
26	22	14.000	6.720	0.48	3.479	13.500	6.480	0.48	3.750	12.750	6.120	0.48	3.986
27	16	11.125	9.790	0.88	3.243	10.625	9.350	0.88	3.479	10.125	8.910	0.88	3.766
27	18	12.000	9.120	0.76	3.327	11.625	8.835	0.76	3.581	10.875	8.265	0.76	3.851
27	20	13.000	8.320	0.64	3.412	12.500	8.000	0.64	3.648	11.750	7.520	0.64	3.918
27	22	14.000	7.280	0.52	3.479	13.500	7.020	0.52	3.750	12.750	6.630	0.52	3.986
28	16	11.125	10.235	0.92	3.243	10.625	9.775	0.92	3.479	10.125	9.315	0.92	3.766
28	18	12.000	9.600	0.80	3.327	11.625	9.300	0.80	3.581	10.875	8.700	0.80	3.851
28	20	13.000	8.840	0.68	3.412	12.500	8.500	0.68	3.648	11.750	7.990	0.68	3.918
28	22	14.000	7.840	0.56	3.479	13.500	7.560	0.56	3.750	12.750	7.140	0.56	3.986
30	16	11.125	11.125	1.00	3.243	10.625	10.625	1.00	3.479	10.125	10.125	1.00	3.766
30	18	12.000	10.560	0.88	3.327	11.625	10.230	0.88	3.581	10.875	9.570	0.88	3.851
30	20	13.000	9.880	0.76	3.412	12.500	9.500	0.76	3.648	11.750	8.930	0.76	3.918
30	22	14.000	8.960	0.64	3.479	13.500	8.640	0.64	3.750	12.750	8.160	0.64	3.986
32	16	11.125	11.125	1.00	3.243	10.625	10.625	1.00	3.479	10.125	10.125	1.00	3.766
32	18	12.000	11.520	0.96	3.327	11.625	11.160	0.96	3.581	10.875	10.440	0.96	3.851
32	20	13.000	10.920	0.84	3.412	12.500	10.500	0.84	3.648	11.750	9.870	0.84	3.918
32	22	14.000	10.080	0.72	3.479	13.500	9.720	0.72	3.750	12.750	9.180	0.72	3.986
34	16	11.125	11.125	1.00	3.243	10.625	10.625	1.00	3.479	10.125	10.125	1.00	3.766
34	18	12.000	12.000	1.00	3.327	11.625	11.625	1.00	3.581	10.875	10.875	1.00	3.851
34	20	13.000	11.960	0.92	3.412	12.500	11.500	0.92	3.648	11.750	10.810	0.92	3.918
34	22	14.000	11.200	0.80	3.479	13.500	10.800	0.80	3.750	12.750	10.200	0.80	3.986

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	3.519	9.109	8.380	0.92	3.817	8.874	8.164	0.92	4.110
14	8	9.488	8.065	0.85	3.526	9.175	7.799	0.85	3.823	8.926	7.587	0.85	4.117
14	9	9.883	7.610	0.77	3.555	9.545	7.350	0.77	3.859	9.265	7.134	0.77	4.158
16	8	9.796	9.012	0.92	3.549	9.503	8.743	0.92	3.854	9.260	8.519	0.92	4.157
16	9	9.957	8.264	0.83	3.560	9.619	7.984	0.83	3.864	9.348	7.759	0.83	4.167
16	11	10.415	7.811	0.75	3.590	10.061	7.546	0.75	3.904	9.764	7.323	0.75	4.214
18	10	10.203	9.285	0.91	3.576	9.904	9.013	0.91	3.891	9.652	8.783	0.91	4.201
18	11	10.456	8.574	0.82	3.592	10.100	8.282	0.82	3.907	9.803	8.038	0.82	4.219
18	12	10.973	8.010	0.73	3.622	10.602	7.739	0.73	3.948	10.286	7.509	0.73	4.269
20	16	11.926	7.156	0.60	3.573	11.390	6.834	0.60	3.834	10.854	6.512	0.60	4.150
20	18	12.864	6.175	0.48	3.666	12.462	5.982	0.48	3.945	11.658	5.596	0.48	4.243
20	20	13.936	5.017	0.36	3.759	13.400	4.824	0.36	4.020	12.596	4.535	0.36	4.318
22	16	11.926	8.110	0.68	3.573	11.390	7.745	0.68	3.834	10.854	7.381	0.68	4.150
22	18	12.864	7.204	0.56	3.666	12.462	6.979	0.56	3.945	11.658	6.528	0.56	4.243
22	20	13.936	6.132	0.44	3.759	13.400	5.896	0.44	4.020	12.596	5.542	0.44	4.318
24	16	11.926	9.064	0.76	3.573	11.390	8.656	0.76	3.834	10.854	8.249	0.76	4.150
24	18	12.864	8.233	0.64	3.666	12.462	7.976	0.64	3.945	11.658	7.461	0.64	4.243
24	20	13.936	7.247	0.52	3.759	13.400	6.968	0.52	4.020	12.596	6.550	0.52	4.318
24	22	15.008	6.003	0.40	3.834	14.472	5.789	0.40	4.131	13.668	5.467	0.40	4.392
26	16	11.926	10.018	0.84	3.573	11.390	9.568	0.84	3.834	10.854	9.117	0.84	4.150
26	18	12.864	9.262	0.72	3.666	12.462	8.973	0.72	3.945	11.658	8.394	0.72	4.243
26	20	13.936	8.362	0.60	3.759	13.400	8.040	0.60	4.020	12.596	7.558	0.60	4.318
26	22	15.008	7.204	0.48	3.834	14.472	6.947	0.48	4.131	13.668	6.561	0.48	4.392
27	16	11.926	10.495	0.88	3.573	11.390	10.023	0.88	3.834	10.854	9.552	0.88	4.150
27	18	12.864	9.777	0.76	3.666	12.462	9.471	0.76	3.945	11.658	8.860	0.76	4.243
27	20	13.936	8.919	0.64	3.759	13.400	8.576	0.64	4.020	12.596	8.061	0.64	4.318
27	22	15.008	7.804	0.52	3.834	14.472	7.525	0.52	4.131	13.668	7.107	0.52	4.392
28	16	11.926	10.972	0.92	3.573	11.390	10.479	0.92	3.834	10.854	9.986	0.92	4.150
28	18	12.864	10.291	0.80	3.666	12.462	9.970	0.80	3.945	11.658	9.326	0.80	4.243
28	20	13.936	9.476	0.68	3.759	13.400	9.112	0.68	4.020	12.596	8.565	0.68	4.318
28	22	15.008	8.404	0.56	3.834	14.472	8.104	0.56	4.131	13.668	7.654	0.56	4.392
30	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
30	18	12.864	11.320	0.88	3.666	12.462	10.967	0.88	3.945	11.658	10.259	0.88	4.243
30	20	13.936	10.591	0.76	3.759	13.400	10.184	0.76	4.020	12.596	9.573	0.76	4.318
30	22	15.008	9.605	0.64	3.834	14.472	9.262	0.64	4.131	13.668	8.748	0.64	4.392
32	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
32	18	12.864	12.349	0.96	3.666	12.462	11.964	0.96	3.945	11.658	11.192	0.96	4.243
32	20	13.936	11.706	0.84	3.759	13.400	11.256	0.84	4.020	12.596	10.581	0.84	4.318
32	22	15.008	10.806	0.72	3.834	14.472	10.420	0.72	4.131	13.668	9.841	0.72	4.392
34	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
34	18	12.864	12.864	1.00	3.666	12.462	12.462	1.00	3.945	11.658	11.658	1.00	4.243
34	20	13.936	12.821	0.92	3.759	13.400	12.328	0.92	4.020	12.596	11.588	0.92	4.318
34	22	15.008	12.006	0.80	3.834	14.472	11.578	0.80	4.131	13.668	10.934	0.80	4.392

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PLA-M35EA2 / PUZ-ZM35VKA2

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

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

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (℃)

P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (℃)

COOLING CAPACITY
PLA-M50EA2 / PUZ-ZM50VKA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.505	3.470	0.99	1.111	3.399	3.365	0.99	1.205	3.311	3.278	0.99	1.298
14	8	3.540	3.257	0.92	1.113	3.424	3.150	0.92	1.207	3.330	3.064	0.92	1.300
14	9	3.688	3.098	0.84	1.122	3.562	2.992	0.84	1.218	3.457	2.904	0.84	1.313
16	8	3.655	3.618	0.99	1.120	3.546	3.511	0.99	1.217	3.455	3.420	0.99	1.312
16	9	3.715	3.344	0.90	1.124	3.589	3.230	0.90	1.220	3.488	3.139	0.90	1.316
16	11	3.886	3.187	0.82	1.133	3.754	3.078	0.82	1.233	3.643	2.987	0.82	1.330
18	10	3.807	3.731	0.98	1.129	3.695	3.621	0.98	1.228	3.601	3.529	0.98	1.326
18	11	3.901	3.472	0.89	1.134	3.769	3.354	0.89	1.233	3.658	3.256	0.89	1.332
18	12	4.094	3.275	0.80	1.143	3.956	3.165	0.80	1.246	3.838	3.070	0.80	1.348
20	16	4.450	2.982	0.67	1.128	4.250	2.848	0.67	1.210	4.050	2.714	0.67	1.310
20	18	4.800	2.640	0.55	1.157	4.650	2.558	0.55	1.246	4.350	2.393	0.55	1.340
20	20	5.200	2.236	0.43	1.187	5.000	2.150	0.43	1.269	4.700	2.021	0.43	1.363
22	16	4.450	3.338	0.75	1.128	4.250	3.188	0.75	1.210	4.050	3.038	0.75	1.310
22	18	4.800	3.024	0.63	1.157	4.650	2.930	0.63	1.246	4.350	2.741	0.63	1.340
22	20	5.200	2.652	0.51	1.187	5.000	2.550	0.51	1.269	4.700	2.397	0.51	1.363
24	16	4.450	3.694	0.83	1.128	4.250	3.528	0.83	1.210	4.050	3.362	0.83	1.310
24	18	4.800	3.408	0.71	1.157	4.650	3.302	0.71	1.246	4.350	3.089	0.71	1.340
24	20	5.200	3.068	0.59	1.187	5.000	2.950	0.59	1.269	4.700	2.773	0.59	1.363
24	22	5.600	2.632	0.47	1.210	5.400	2.538	0.47	1.304	5.100	2.397	0.47	1.387
26	16	4.450	4.050	0.91	1.128	4.250	3.868	0.91	1.210	4.050	3.686	0.91	1.310
26	18	4.800	3.792	0.79	1.157	4.650	3.674	0.79	1.246	4.350	3.437	0.79	1.340
26	20	5.200	3.484	0.67	1.187	5.000	3.350	0.67	1.269	4.700	3.149	0.67	1.363
26	22	5.600	3.080	0.55	1.210	5.400	2.970	0.55	1.304	5.100	2.805	0.55	1.387
27	16	4.450	4.228	0.95	1.128	4.250	4.038	0.95	1.210	4.050	3.848	0.95	1.310
27	18	4.800	3.984	0.83	1.157	4.650	3.860	0.83	1.246	4.350	3.611	0.83	1.340
27	20	5.200	3.692	0.71	1.187	5.000	3.550	0.71	1.269	4.700	3.337	0.71	1.363
27	22	5.600	3.304	0.59	1.210	5.400	3.186	0.59	1.304	5.100	3.009	0.59	1.387
28	16	4.450	4.406	0.99	1.128	4.250	4.208	0.99	1.210	4.050	4.010	0.99	1.310
28	18	4.800	4.176	0.87	1.157	4.650	4.046	0.87	1.246	4.350	3.785	0.87	1.340
28	20	5.200	3.900	0.75	1.187	5.000	3.750	0.75	1.269	4.700	3.525	0.75	1.363
28	22	5.600	3.528	0.63	1.210	5.400	3.402	0.63	1.304	5.100	3.213	0.63	1.387
30	16	4.450	4.450	1.00	1.128	4.250	4.250	1.00	1.210	4.050	4.050	1.00	1.310
30	18	4.800	4.560	0.95	1.157	4.650	4.418	0.95	1.246	4.350	4.133	0.95	1.340
30	20	5.200	4.316	0.83	1.187	5.000	4.150	0.83	1.269	4.700	3.901	0.83	1.363
30	22	5.600	3.976	0.71	1.210	5.400	3.834	0.71	1.304	5.100	3.621	0.71	1.387
32	16	4.450	4.450	1.00	1.128	4.250	4.250	1.00	1.210	4.050	4.050	1.00	1.310
32	18	4.800	4.800	1.00	1.157	4.650	4.650	1.00	1.246	4.350	4.350	1.00	1.340
32	20	5.200	4.732	0.91	1.187	5.000	4.550	0.91	1.269	4.700	4.277	0.91	1.363
32	22	5.600	4.424	0.79	1.210	5.400	4.266	0.79	1.304	5.100	4.029	0.79	1.387
34	16	4.450	4.450	1.00	1.128	4.250	4.250	1.00	1.210	4.050	4.050	1.00	1.310
34	18	4.800	4.800	1.00	1.157	4.650	4.650	1.00	1.246	4.350	4.350	1.00	1.340
34	20	5.200	5.148	0.99	1.187	5.000	4.950	0.99	1.269	4.700	4.653	0.99	1.363
34	22	5.600	4.872	0.87	1.210	5.400	4.698	0.87	1.304	5.100	4.437	0.87	1.387

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PLA-M60EA2 / PUZ-ZM60VHA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.440	4.147	4.147	1.00	1.562	4.040	4.040	1.00	1.682
14	8	4.319	4.060	0.94	1.443	4.177	3.926	0.94	1.564	4.063	3.819	0.94	1.685
14	9	4.499	3.869	0.86	1.454	4.345	3.737	0.86	1.579	4.218	3.627	0.86	1.701
16	8	4.459	4.459	1.00	1.452	4.326	4.326	1.00	1.577	4.215	4.215	1.00	1.701
16	9	4.533	4.170	0.92	1.457	4.379	4.029	0.92	1.581	4.256	3.916	0.92	1.705
16	11	4.741	3.982	0.84	1.469	4.580	3.847	0.84	1.598	4.445	3.734	0.84	1.724
18	10	4.645	4.645	1.00	1.463	4.508	4.508	1.00	1.592	4.394	4.394	1.00	1.719
18	11	4.760	4.332	0.91	1.470	4.598	4.184	0.91	1.598	4.463	4.061	0.91	1.726
18	12	4.995	4.096	0.82	1.482	4.826	3.957	0.82	1.615	4.682	3.839	0.82	1.747
20	16	5.429	3.746	0.69	1.462	5.185	3.578	0.69	1.569	4.941	3.409	0.69	1.698
20	18	5.856	3.338	0.57	1.500	5.673	3.234	0.57	1.614	5.307	3.025	0.57	1.736
20	20	6.344	2.855	0.45	1.538	6.100	2.745	0.45	1.645	5.734	2.580	0.45	1.767
22	16	5.429	4.180	0.77	1.462	5.185	3.992	0.77	1.569	4.941	3.805	0.77	1.698
22	18	5.856	3.806	0.65	1.500	5.673	3.687	0.65	1.614	5.307	3.450	0.65	1.736
22	20	6.344	3.362	0.53	1.538	6.100	3.233	0.53	1.645	5.734	3.039	0.53	1.767
24	16	5.429	4.615	0.85	1.462	5.185	4.407	0.85	1.569	4.941	4.200	0.85	1.698
24	18	5.856	4.275	0.73	1.500	5.673	4.141	0.73	1.614	5.307	3.874	0.73	1.736
24	20	6.344	3.870	0.61	1.538	6.100	3.721	0.61	1.645	5.734	3.498	0.61	1.767
24	22	6.832	3.348	0.49	1.569	6.588	3.228	0.49	1.691	6.222	3.049	0.49	1.797
26	16	5.429	5.049	0.93	1.462	5.185	4.822	0.93	1.569	4.941	4.595	0.93	1.698
26	18	5.856	4.743	0.81	1.500	5.673	4.595	0.81	1.614	5.307	4.299	0.81	1.736
26	20	6.344	4.377	0.69	1.538	6.100	4.209	0.69	1.645	5.734	3.956	0.69	1.767
26	22	6.832	3.894	0.57	1.569	6.588	3.755	0.57	1.691	6.222	3.547	0.57	1.797
27	16	5.429	5.266	0.97	1.462	5.185	5.029	0.97	1.569	4.941	4.793	0.97	1.698
27	18	5.856	4.978	0.85	1.500	5.673	4.822	0.85	1.614	5.307	4.511	0.85	1.736
27	20	6.344	4.631	0.73	1.538	6.100	4.453	0.73	1.645	5.734	4.186	0.73	1.767
27	22	6.832	4.168	0.61	1.569	6.588	4.019	0.61	1.691	6.222	3.795	0.61	1.797
28	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
28	18	5.856	5.212	0.89	1.500	5.673	5.049	0.89	1.614	5.307	4.723	0.89	1.736
28	20	6.344	4.885	0.77	1.538	6.100	4.697	0.77	1.645	5.734	4.415	0.77	1.767
28	22	6.832	4.441	0.65	1.569	6.588	4.282	0.65	1.691	6.222	4.044	0.65	1.797
30	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
30	18	5.856	5.680	0.97	1.500	5.673	5.503	0.97	1.614	5.307	5.148	0.97	1.736
30	20	6.344	5.392	0.85	1.538	6.100	5.185	0.85	1.645	5.734	4.874	0.85	1.767
30	22	6.832	4.987	0.73	1.569	6.588	4.809	0.73	1.691	6.222	4.542	0.73	1.797
32	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
32	18	5.856	5.856	1.00	1.500	5.673	5.673	1.00	1.614	5.307	5.307	1.00	1.736
32	20	6.344	5.900	0.93	1.538	6.100	5.673	0.93	1.645	5.734	5.333	0.93	1.767
32	22	6.832	5.534	0.81	1.569	6.588	5.336	0.81	1.691	6.222	5.040	0.81	1.797
34	16	5.429	5.429	1.00	1.462	5.185	5.185	1.00	1.569	4.941	4.941	1.00	1.698
34	18	5.856	5.856	1.00	1.500	5.673	5.673	1.00	1.614	5.307	5.307	1.00	1.736
34	20	6.344	6.344	1.00	1.538	6.100	6.100	1.00	1.645	5.734	5.734	1.00	1.767
34	22	6.832	6.080	0.89	1.569	6.588	5.863	0.89	1.691	6.222	5.538	0.89	1.797

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PLA-M71EA2 / PUZ-ZM71VHA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.779	0.96	1.623	4.827	4.634	0.96	1.760	4.702	4.514	0.96	1.895
14	8	5.027	4.474	0.89	1.626	4.862	4.327	0.89	1.763	4.729	4.209	0.89	1.898
14	9	5.237	4.242	0.81	1.639	5.057	4.096	0.81	1.779	4.909	3.976	0.81	1.917
16	8	5.190	4.982	0.96	1.636	5.035	4.834	0.96	1.777	4.906	4.710	0.96	1.917
16	9	5.276	4.590	0.87	1.641	5.096	4.434	0.87	1.782	4.953	4.309	0.87	1.921
16	11	5.519	4.360	0.79	1.655	5.331	4.211	0.79	1.800	5.173	4.087	0.79	1.943
18	10	5.406	5.136	0.95	1.649	5.247	4.985	0.95	1.794	5.114	4.858	0.95	1.937
18	11	5.540	4.764	0.86	1.656	5.352	4.603	0.86	1.801	5.194	4.467	0.86	1.945
18	12	5.814	4.477	0.77	1.670	5.618	4.326	0.77	1.820	5.450	4.197	0.77	1.968
20	16	6.319	4.044	0.64	1.647	6.035	3.862	0.64	1.767	5.751	3.681	0.64	1.913
20	18	6.816	3.544	0.52	1.690	6.603	3.434	0.52	1.819	6.177	3.212	0.52	1.956
20	20	7.384	2.954	0.40	1.733	7.100	2.840	0.40	1.853	6.674	2.670	0.40	1.991
22	16	6.319	4.550	0.72	1.647	6.035	4.345	0.72	1.767	5.751	4.141	0.72	1.913
22	18	6.816	4.090	0.60	1.690	6.603	3.962	0.60	1.819	6.177	3.706	0.60	1.956
22	20	7.384	3.544	0.48	1.733	7.100	3.408	0.48	1.853	6.674	3.204	0.48	1.991
24	16	6.319	5.055	0.80	1.647	6.035	4.828	0.80	1.767	5.751	4.601	0.80	1.913
24	18	6.816	4.635	0.68	1.690	6.603	4.490	0.68	1.819	6.177	4.200	0.68	1.956
24	20	7.384	4.135	0.56	1.733	7.100	3.976	0.56	1.853	6.674	3.737	0.56	1.991
24	22	7.952	3.499	0.44	1.767	7.668	3.374	0.44	1.905	7.242	3.186	0.44	2.025
26	16	6.319	5.561	0.88	1.647	6.035	5.311	0.88	1.767	5.751	5.061	0.88	1.913
26	18	6.816	5.180	0.76	1.690	6.603	5.018	0.76	1.819	6.177	4.695	0.76	1.956
26	20	7.384	4.726	0.64	1.733	7.100	4.544	0.64	1.853	6.674	4.271	0.64	1.991
26	22	7.952	4.135	0.52	1.767	7.668	3.987	0.52	1.905	7.242	3.766	0.52	2.025
27	16	6.319	5.813	0.92	1.647	6.035	5.552	0.92	1.767	5.751	5.291	0.92	1.913
27	18	6.816	5.453	0.80	1.690	6.603	5.282	0.80	1.819	6.177	4.942	0.80	1.956
27	20	7.384	5.021	0.68	1.733	7.100	4.828	0.68	1.853	6.674	4.538	0.68	1.991
27	22	7.952	4.453	0.56	1.767	7.668	4.294	0.56	1.905	7.242	4.056	0.56	2.025
28	16	6.319	6.066	0.96	1.647	6.035	5.794	0.96	1.767	5.751	5.521	0.96	1.913
28	18	6.816	5.725	0.84	1.690	6.603	5.547	0.84	1.819	6.177	5.189	0.84	1.956
28	20	7.384	5.316	0.72	1.733	7.100	5.112	0.72	1.853	6.674	4.805	0.72	1.991
28	22	7.952	4.771	0.60	1.767	7.668	4.601	0.60	1.905	7.242	4.345	0.60	2.025
30	16	6.319	6.319	1.00	1.647	6.035	6.035	1.00	1.767	5.751	5.751	1.00	1.913
30	18	6.816	6.271	0.92	1.690	6.603	6.075	0.92	1.819	6.177	5.683	0.92	1.956
30	20	7.384	5.907	0.80	1.733	7.100	5.680	0.80	1.853	6.674	5.339	0.80	1.991
30	22	7.952	5.407	0.68	1.767	7.668	5.214	0.68	1.905	7.242	4.925	0.68	2.025
32	16	6.319	6.319	1.00	1.647	6.035	6.035	1.00	1.767	5.751	5.751	1.00	1.913
32	18	6.816	6.816	1.00	1.690	6.603	6.603	1.00	1.819	6.177	6.177	1.00	1.956
32	20	7.384	6.498	0.88	1.733	7.100	6.248	0.88	1.853	6.674	5.873	0.88	1.991
32	22	7.952	6.044	0.76	1.767	7.668	5.828	0.76	1.905	7.242	5.504	0.76	2.025
34	16	6.319	6.319	1.00	1.647	6.035	6.035	1.00	1.767	5.751	5.751	1.00	1.913
34	18	6.816	6.816	1.00	1.690	6.603	6.603	1.00	1.819	6.177	6.177	1.00	1.956
34	20	7.384	7.089	0.96	1.733	7.100	6.816	0.96	1.853	6.674	6.407	0.96	1.991
34	22	7.952	6.680	0.84	1.767	7.668	6.441	0.84	1.905	7.242	6.083	0.84	2.025

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.089	6.458	6.393	0.99	2.265	6.291	6.228	0.99	2.439
14	8	6.727	6.189	0.92	2.093	6.505	5.985	0.92	2.269	6.328	5.822	0.92	2.444
14	9	7.007	5.886	0.84	2.110	6.767	5.684	0.84	2.290	6.569	5.518	0.84	2.468
16	8	6.945	6.876	0.99	2.106	6.737	6.670	0.99	2.287	6.565	6.499	0.99	2.467
16	9	7.059	6.353	0.90	2.113	6.819	6.137	0.90	2.293	6.628	5.965	0.90	2.473
16	11	7.384	6.055	0.82	2.131	7.133	5.849	0.82	2.317	6.922	5.676	0.82	2.501
18	10	7.233	7.088	0.98	2.122	7.021	6.881	0.98	2.309	6.843	6.706	0.98	2.494
18	11	7.413	6.598	0.89	2.132	7.161	6.373	0.89	2.319	6.950	6.186	0.89	2.504
18	12	7.779	6.223	0.80	2.150	7.516	6.013	0.80	2.343	7.292	5.834	0.80	2.533
20	16	8.455	5.665	0.67	2.121	8.075	5.410	0.67	2.275	7.695	5.156	0.67	2.463
20	18	9.120	5.016	0.55	2.176	8.835	4.859	0.55	2.342	8.265	4.546	0.55	2.518
20	20	9.880	4.248	0.43	2.231	9.500	4.085	0.43	2.386	8.930	3.840	0.43	2.562
22	16	8.455	6.341	0.75	2.121	8.075	6.056	0.75	2.275	7.695	5.771	0.75	2.463
22	18	9.120	5.746	0.63	2.176	8.835	5.566	0.63	2.342	8.265	5.207	0.63	2.518
22	20	9.880	5.039	0.51	2.231	9.500	4.845	0.51	2.386	8.930	4.554	0.51	2.562
24	16	8.455	7.018	0.83	2.121	8.075	6.702	0.83	2.275	7.695	6.387	0.83	2.463
24	18	9.120	6.475	0.71	2.176	8.835	6.273	0.71	2.342	8.265	5.868	0.71	2.518
24	20	9.880	5.829	0.59	2.231	9.500	5.605	0.59	2.386	8.930	5.269	0.59	2.562
24	22	10.640	5.001	0.47	2.275	10.260	4.822	0.47	2.452	9.690	4.554	0.47	2.607
26	16	8.455	7.694	0.91	2.121	8.075	7.348	0.91	2.275	7.695	7.002	0.91	2.463
26	18	9.120	7.205	0.79	2.176	8.835	6.980	0.79	2.342	8.265	6.529	0.79	2.518
26	20	9.880	6.620	0.67	2.231	9.500	6.365	0.67	2.386	8.930	5.983	0.67	2.562
26	22	10.640	5.852	0.55	2.275	10.260	5.643	0.55	2.452	9.690	5.330	0.55	2.607
27	16	8.455	8.032	0.95	2.121	8.075	7.671	0.95	2.275	7.695	7.310	0.95	2.463
27	18	9.120	7.570	0.83	2.176	8.835	7.333	0.83	2.342	8.265	6.860	0.83	2.518
27	20	9.880	7.015	0.71	2.231	9.500	6.745	0.71	2.386	8.930	6.340	0.71	2.562
27	22	10.640	6.278	0.59	2.275	10.260	6.053	0.59	2.452	9.690	5.717	0.59	2.607
28	16	8.455	8.370	0.99	2.121	8.075	7.994	0.99	2.275	7.695	7.618	0.99	2.463
28	18	9.120	7.934	0.87	2.176	8.835	7.686	0.87	2.342	8.265	7.191	0.87	2.518
28	20	9.880	7.410	0.75	2.231	9.500	7.125	0.75	2.386	8.930	6.698	0.75	2.562
28	22	10.640	6.703	0.63	2.275	10.260	6.464	0.63	2.452	9.690	6.105	0.63	2.607
30	16	8.455	8.455	1.00	2.121	8.075	8.075	1.00	2.275	7.695	7.695	1.00	2.463
30	18	9.120	8.664	0.95	2.176	8.835	8.393	0.95	2.342	8.265	7.852	0.95	2.518
30	20	9.880	8.200	0.83	2.231	9.500	7.885	0.83	2.386	8.930	7.412	0.83	2.562
30	22	10.640	7.554	0.71	2.275	10.260	7.285	0.71	2.452	9.690	6.880	0.71	2.607
32	16	8.455	8.455	1.00	2.121	8.075	8.075	1.00	2.275	7.695	7.695	1.00	2.463
32	18	9.120	9.120	1.00	2.176	8.835	8.835	1.00	2.342	8.265	8.265	1.00	2.518
32	20	9.880	8.991	0.91	2.231	9.500	8.645	0.91	2.386	8.930	8.126	0.91	2.562
32	22	10.640	8.406	0.79	2.275	10.260	8.105	0.79	2.452	9.690	7.655	0.79	2.607
34	16	8.455	8.455	1.00	2.121	8.075	8.075	1.00	2.275	7.695	7.695	1.00	2.463
34	18	9.120	9.120	1.00	2.176	8.835	8.835	1.00	2.342	8.265	8.265	1.00	2.518
34	20	9.880	9.781	0.99	2.231	9.500	9.405	0.99	2.386	8.930	8.841	0.99	2.562
34	22	10.640	9.257	0.87	2.275	10.260	8.926	0.87	2.452	9.690	8.430	0.87	2.607

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.211	8.497	7.987	0.94	3.482	8.278	7.781	0.94	3.750
14	8	8.851	7.700	0.87	3.217	8.559	7.446	0.87	3.488	8.326	7.244	0.87	3.757
14	9	9.220	7.284	0.79	3.243	8.904	7.034	0.79	3.521	8.643	6.828	0.79	3.794
16	8	9.138	8.590	0.94	3.238	8.865	8.333	0.94	3.517	8.638	8.120	0.94	3.793
16	9	9.288	7.895	0.85	3.248	8.973	7.627	0.85	3.526	8.721	7.413	0.85	3.802
16	11	9.716	7.481	0.77	3.275	9.385	7.226	0.77	3.562	9.108	7.013	0.77	3.845
18	10	9.517	8.851	0.93	3.263	9.239	8.592	0.93	3.550	9.003	8.373	0.93	3.833
18	11	9.754	8.193	0.84	3.278	9.422	7.914	0.84	3.564	9.145	7.682	0.84	3.849
18	12	10.236	7.677	0.75	3.305	9.890	7.418	0.75	3.602	9.595	7.196	0.75	3.895
20	16	11.125	6.898	0.62	3.260	10.625	6.588	0.62	3.498	10.125	6.278	0.62	3.787
20	18	12.000	6.000	0.50	3.345	11.625	5.813	0.50	3.600	10.875	5.438	0.50	3.871
20	20	13.000	4.940	0.38	3.430	12.500	4.750	0.38	3.668	11.750	4.465	0.38	3.939
22	16	11.125	7.788	0.70	3.260	10.625	7.438	0.70	3.498	10.125	7.088	0.70	3.787
22	18	12.000	6.960	0.58	3.345	11.625	6.743	0.58	3.600	10.875	6.308	0.58	3.871
22	20	13.000	5.980	0.46	3.430	12.500	5.750	0.46	3.668	11.750	5.405	0.46	3.939
24	16	11.125	8.678	0.78	3.260	10.625	8.288	0.78	3.498	10.125	7.898	0.78	3.787
24	18	12.000	7.920	0.66	3.345	11.625	7.673	0.66	3.600	10.875	7.178	0.66	3.871
24	20	13.000	7.020	0.54	3.430	12.500	6.750	0.54	3.668	11.750	6.345	0.54	3.939
24	22	14.000	5.880	0.42	3.498	13.500	5.670	0.42	3.770	12.750	5.355	0.42	4.007
26	16	11.125	9.568	0.86	3.260	10.625	9.138	0.86	3.498	10.125	8.708	0.86	3.787
26	18	12.000	8.880	0.74	3.345	11.625	8.603	0.74	3.600	10.875	8.048	0.74	3.871
26	20	13.000	8.060	0.62	3.430	12.500	7.750	0.62	3.668	11.750	7.285	0.62	3.939
26	22	14.000	7.000	0.50	3.498	13.500	6.750	0.50	3.770	12.750	6.375	0.50	4.007
27	16	11.125	10.013	0.90	3.260	10.625	9.563	0.90	3.498	10.125	9.113	0.90	3.787
27	18	12.000	9.360	0.78	3.345	11.625	9.068	0.78	3.600	10.875	8.483	0.78	3.871
27	20	13.000	8.580	0.66	3.430	12.500	8.250	0.66	3.668	11.750	7.755	0.66	3.939
27	22	14.000	7.560	0.54	3.498	13.500	7.290	0.54	3.770	12.750	6.885	0.54	4.007
28	16	11.125	10.458	0.94	3.260	10.625	9.988	0.94	3.498	10.125	9.518	0.94	3.787
28	18	12.000	9.840	0.82	3.345	11.625	9.533	0.82	3.600	10.875	8.918	0.82	3.871
28	20	13.000	9.100	0.70	3.430	12.500	8.750	0.70	3.668	11.750	8.225	0.70	3.939
28	22	14.000	8.120	0.58	3.498	13.500	7.830	0.58	3.770	12.750	7.395	0.58	4.007
30	16	11.125	11.125	1.00	3.260	10.625	10.625	1.00	3.498	10.125	10.125	1.00	3.787
30	18	12.000	10.800	0.90	3.345	11.625	10.463	0.90	3.600	10.875	9.788	0.90	3.871
30	20	13.000	10.140	0.78	3.430	12.500	9.750	0.78	3.668	11.750	9.165	0.78	3.939
30	22	14.000	9.240	0.66	3.498	13.500	8.910	0.66	3.770	12.750	8.415	0.66	4.007
32	16	11.125	11.125	1.00	3.260	10.625	10.625	1.00	3.498	10.125	10.125	1.00	3.787
32	18	12.000	11.760	0.98	3.345	11.625	11.393	0.98	3.600	10.875	10.658	0.98	3.871
32	20	13.000	11.180	0.86	3.430	12.500	10.750	0.86	3.668	11.750	10.105	0.86	3.939
32	22	14.000	10.360	0.74	3.498	13.500	9.990	0.74	3.770	12.750	9.435	0.74	4.007
34	16	11.125	11.125	1.00	3.260	10.625	10.625	1.00	3.498	10.125	10.125	1.00	3.787
34	18	12.000	12.000	1.00	3.345	11.625	11.625	1.00	3.600	10.875	10.875	1.00	3.871
34	20	13.000	12.220	0.94	3.430	12.500	11.750	0.94	3.668	11.750	11.045	0.94	3.939
34	22	14.000	11.480	0.82	3.498	13.500	11.070	0.82	3.770	12.750	10.455	0.82	4.007

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	3.542	9.109	8.380	0.92	3.841	8.874	8.164	0.92	4.137
14	8	9.488	8.065	0.85	3.549	9.175	7.799	0.85	3.848	8.926	7.587	0.85	4.144
14	9	9.883	7.610	0.77	3.577	9.545	7.350	0.77	3.884	9.265	7.134	0.77	4.185
16	8	9.796	9.012	0.92	3.572	9.503	8.743	0.92	3.879	9.260	8.519	0.92	4.184
16	9	9.957	8.264	0.83	3.583	9.619	7.984	0.83	3.889	9.348	7.759	0.83	4.194
16	11	10.415	7.811	0.75	3.613	10.061	7.546	0.75	3.929	9.764	7.323	0.75	4.241
18	10	10.203	9.285	0.91	3.599	9.904	9.013	0.91	3.916	9.652	8.783	0.91	4.229
18	11	10.456	8.574	0.82	3.615	10.100	8.282	0.82	3.932	9.803	8.038	0.82	4.246
18	12	10.973	8.010	0.73	3.645	10.602	7.739	0.73	3.973	10.286	7.509	0.73	4.296
20	16	11.926	7.156	0.60	3.596	11.390	6.834	0.60	3.858	10.854	6.512	0.60	4.177
20	18	12.864	6.175	0.48	3.690	12.462	5.982	0.48	3.971	11.658	5.596	0.48	4.270
20	20	13.936	5.017	0.36	3.783	13.400	4.824	0.36	4.046	12.596	4.535	0.36	4.345
22	16	11.926	8.110	0.68	3.596	11.390	7.745	0.68	3.858	10.854	7.381	0.68	4.177
22	18	12.864	7.204	0.56	3.690	12.462	6.979	0.56	3.971	11.658	6.528	0.56	4.270
22	20	13.936	6.132	0.44	3.783	13.400	5.896	0.44	4.046	12.596	5.542	0.44	4.345
24	16	11.926	9.064	0.76	3.596	11.390	8.656	0.76	3.858	10.854	8.249	0.76	4.177
24	18	12.864	8.233	0.64	3.690	12.462	7.976	0.64	3.971	11.658	7.461	0.64	4.270
24	20	13.936	7.247	0.52	3.783	13.400	6.968	0.52	4.046	12.596	6.550	0.52	4.345
24	22	15.008	6.003	0.40	3.858	14.472	5.789	0.40	4.158	13.668	5.467	0.40	4.420
26	16	11.926	10.018	0.84	3.596	11.390	9.568	0.84	3.858	10.854	9.117	0.84	4.177
26	18	12.864	9.262	0.72	3.690	12.462	8.973	0.72	3.971	11.658	8.394	0.72	4.270
26	20	13.936	8.362	0.60	3.783	13.400	8.040	0.60	4.046	12.596	7.558	0.60	4.345
26	22	15.008	7.204	0.48	3.858	14.472	6.947	0.48	4.158	13.668	6.561	0.48	4.420
27	16	11.926	10.495	0.88	3.596	11.390	10.023	0.88	3.858	10.854	9.552	0.88	4.177
27	18	12.864	9.777	0.76	3.690	12.462	9.471	0.76	3.971	11.658	8.860	0.76	4.270
27	20	13.936	8.919	0.64	3.783	13.400	8.576	0.64	4.046	12.596	8.061	0.64	4.345
27	22	15.008	7.804	0.52	3.858	14.472	7.525	0.52	4.158	13.668	7.107	0.52	4.420
28	16	11.926	10.972	0.92	3.596	11.390	10.479	0.92	3.858	10.854	9.986	0.92	4.177
28	18	12.864	10.291	0.80	3.690	12.462	9.970	0.80	3.971	11.658	9.326	0.80	4.270
28	20	13.936	9.476	0.68	3.783	13.400	9.112	0.68	4.046	12.596	8.565	0.68	4.345
28	22	15.008	8.404	0.56	3.858	14.472	8.104	0.56	4.158	13.668	7.654	0.56	4.420
30	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
30	18	12.864	11.320	0.88	3.690	12.462	10.967	0.88	3.971	11.658	10.259	0.88	4.270
30	20	13.936	10.591	0.76	3.783	13.400	10.184	0.76	4.046	12.596	9.573	0.76	4.345
30	22	15.008	9.605	0.64	3.858	14.472	9.262	0.64	4.158	13.668	8.748	0.64	4.420
32	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
32	18	12.864	12.349	0.96	3.690	12.462	11.964	0.96	3.971	11.658	11.192	0.96	4.270
32	20	13.936	11.706	0.84	3.783	13.400	11.256	0.84	4.046	12.596	10.581	0.84	4.345
32	22	15.008	10.806	0.72	3.858	14.472	10.420	0.72	4.158	13.668	9.841	0.72	4.420
34	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
34	18	12.864	12.864	1.00	3.690	12.462	12.462	1.00	3.971	11.658	11.658	1.00	4.270
34	20	13.936	12.821	0.92	3.783	13.400	12.328	0.92	4.046	12.596	11.588	0.92	4.345
34	22	15.008	12.006	0.80	3.858	14.472	11.578	0.80	4.158	13.668	10.934	0.80	4.420

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

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

COOLING CAPACITY
PLA-M35EA2 / SUZ-M35VA

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

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

COOLING CAPACITY
PLA-M50EA2 / SUZ-M50VA

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

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

COOLING CAPACITY
PLA-M50EA2 / SUZ-M50VA

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

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

COOLING CAPACITY
PLA-M60EA2 / SUZ-M60VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
21	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
22	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
22	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
23	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
23	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
23	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	18	7.168	5.233	0.73	1.478	6.863	5.010	0.73	1.552	6.588	4.809	0.73	1.626	6.344	4.631	0.73	1.700
24	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
24	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
24	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
25	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
25	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
25	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
26	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
26	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
26	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
26	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
27	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
27	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
27	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
27	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
27	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
28	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
28	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
28	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
28	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
28	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
29	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
29	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
29	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
29	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
29	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
30	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
30	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
30	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
30	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
30	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
31	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
31	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
31	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
31	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
31	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.268	0.53	1.922	7.808	4.138	0.53	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.950	0.93	1.552	7.168	6.666	0.93	1.645	6.954	6.467	0.93	1.682	6.710	6.240	0.93	1.756
32	22	7.778	6.300	0.81	1.608	7.503	6.077	0.81	1.709	7.320	5.929	0.81	1.756	7.015	5.682	0.81	1.830
32	24	8.174	5.640	0.69	1.682	7.869	5.430	0.69	1.774	7.686	5.303	0.69	1.830	7.442	5.135	0.69	1.922
32	26	8.418	4.798	0.57	1.774	8.174	4.659	0.57	1.866	8.052	4.590	0.57	1.922	7.808	4.451	0.57	1.977

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

COOLING CAPACITY
PLA-M60EA2 / SUZ-M60VA

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

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

COOLING CAPACITY
PLA-M71EA2 / SUZ-M71VA

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

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

COOLING CAPACITY
PLA-M71EA2 / SUZ-M71VA

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

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.566	6.458	6.393	0.99	2.783	6.291	6.228	0.99	2.997
14	8	6.727	6.189	0.92	2.571	6.505	5.985	0.92	2.788	6.328	5.822	0.92	3.002
14	9	7.007	5.886	0.84	2.592	6.767	5.684	0.84	2.814	6.569	5.518	0.84	3.032
16	8	6.945	6.876	0.99	2.588	6.737	6.670	0.99	2.810	6.565	6.499	0.99	3.031
16	9	7.059	6.353	0.90	2.596	6.819	6.137	0.90	2.818	6.628	5.965	0.90	3.039
16	11	7.384	6.055	0.82	2.618	7.133	5.849	0.82	2.847	6.922	5.676	0.82	3.073
18	10	7.233	7.088	0.98	2.608	7.021	6.881	0.98	2.837	6.843	6.706	0.98	3.064
18	11	7.413	6.598	0.89	2.619	7.161	6.373	0.89	2.849	6.950	6.186	0.89	3.076
18	12	7.779	6.223	0.80	2.641	7.516	6.013	0.80	2.878	7.292	5.834	0.80	3.113
20	16	8.455	5.665	0.67	2.605	8.075	5.410	0.67	2.795	7.695	5.156	0.67	3.026
20	18	9.120	5.016	0.55	2.673	8.835	4.859	0.55	2.877	8.265	4.546	0.55	3.094
20	20	9.880	4.248	0.43	2.741	9.500	4.085	0.43	2.931	8.930	3.840	0.43	3.148
22	16	8.455	6.341	0.75	2.605	8.075	6.056	0.75	2.795	7.695	5.771	0.75	3.026
22	18	9.120	5.746	0.63	2.673	8.835	5.566	0.63	2.877	8.265	5.207	0.63	3.094
22	20	9.880	5.039	0.51	2.741	9.500	4.845	0.51	2.931	8.930	4.554	0.51	3.148
24	16	8.455	7.018	0.83	2.605	8.075	6.702	0.83	2.795	7.695	6.387	0.83	3.026
24	18	9.120	6.475	0.71	2.673	8.835	6.273	0.71	2.877	8.265	5.868	0.71	3.094
24	20	9.880	5.829	0.59	2.741	9.500	5.605	0.59	2.931	8.930	5.269	0.59	3.148
24	22	10.640	5.001	0.47	2.795	10.260	4.822	0.47	3.013	9.690	4.554	0.47	3.203
26	16	8.455	7.694	0.91	2.605	8.075	7.348	0.91	2.795	7.695	7.002	0.91	3.026
26	18	9.120	7.205	0.79	2.673	8.835	6.980	0.79	2.877	8.265	6.529	0.79	3.094
26	20	9.880	6.620	0.67	2.741	9.500	6.365	0.67	2.931	8.930	5.983	0.67	3.148
26	22	10.640	5.852	0.55	2.795	10.260	5.643	0.55	3.013	9.690	5.330	0.55	3.203
27	16	8.455	8.032	0.95	2.605	8.075	7.671	0.95	2.795	7.695	7.310	0.95	3.026
27	18	9.120	7.570	0.83	2.673	8.835	7.333	0.83	2.877	8.265	6.860	0.83	3.094
27	20	9.880	7.015	0.71	2.741	9.500	6.745	0.71	2.931	8.930	6.340	0.71	3.148
27	22	10.640	6.278	0.59	2.795	10.260	6.053	0.59	3.013	9.690	5.717	0.59	3.203
28	16	8.455	8.370	0.99	2.605	8.075	7.994	0.99	2.795	7.695	7.618	0.99	3.026
28	18	9.120	7.934	0.87	2.673	8.835	7.686	0.87	2.877	8.265	7.191	0.87	3.094
28	20	9.880	7.410	0.75	2.741	9.500	7.125	0.75	2.931	8.930	6.698	0.75	3.148
28	22	10.640	6.703	0.63	2.795	10.260	6.464	0.63	3.013	9.690	6.105	0.63	3.203
30	16	8.455	8.455	1.00	2.605	8.075	8.075	1.00	2.795	7.695	7.695	1.00	3.026
30	18	9.120	8.664	0.95	2.673	8.835	8.393	0.95	2.877	8.265	7.852	0.95	3.094
30	20	9.880	8.200	0.83	2.741	9.500	7.885	0.83	2.931	8.930	7.412	0.83	3.148
30	22	10.640	7.554	0.71	2.795	10.260	7.285	0.71	3.013	9.690	6.880	0.71	3.203
32	16	8.455	8.455	1.00	2.605	8.075	8.075	1.00	2.795	7.695	7.695	1.00	3.026
32	18	9.120	9.120	1.00	2.673	8.835	8.835	1.00	2.877	8.265	8.265	1.00	3.094
32	20	9.880	8.991	0.91	2.741	9.500	8.645	0.91	2.931	8.930	8.126	0.91	3.148
32	22	10.640	8.406	0.79	2.795	10.260	8.105	0.79	3.013	9.690	7.655	0.79	3.203
34	16	8.455	8.455	1.00	2.605	8.075	8.075	1.00	2.795	7.695	7.695	1.00	3.026
34	18	9.120	9.120	1.00	2.673	8.835	8.835	1.00	2.877	8.265	8.265	1.00	3.094
34	20	9.880	9.781	0.99	2.741	9.500	9.405	0.99	2.931	8.930	8.841	0.99	3.148
34	22	10.640	9.257	0.87	2.795	10.260	8.926	0.87	3.013	9.690	8.430	0.87	3.203

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	2.947	8.936	8.400	0.94	3.218	8.722	8.199	0.94	3.490
14	8	9.345	8.130	0.87	2.945	9.095	7.913	0.87	3.222	8.845	7.695	0.87	3.499
14	9	9.732	7.688	0.79	2.940	9.471	7.482	0.79	3.229	9.211	7.277	0.79	3.518
16	8	9.533	8.961	0.94	2.942	9.312	8.753	0.94	3.227	9.091	8.546	0.94	3.512
16	9	9.802	8.332	0.85	2.939	9.541	8.110	0.85	3.231	9.279	7.887	0.85	3.522
16	11	10.253	7.895	0.77	2.932	9.979	7.684	0.77	3.238	9.704	7.472	0.77	3.544
18	10	9.927	9.232	0.93	2.937	9.696	9.017	0.93	3.234	9.465	8.802	0.93	3.532
18	11	10.292	8.645	0.84	2.933	10.016	8.413	0.84	3.239	9.740	8.182	0.84	3.546
18	12	10.807	8.105	0.75	2.923	10.514	7.886	0.75	3.244	10.221	7.666	0.75	3.565
20	16	11.979	7.427	0.62	3.215	11.616	7.202	0.62	3.396	11.253	6.977	0.62	3.597
20	18	12.826	6.413	0.50	3.275	12.463	6.232	0.50	3.456	12.040	6.020	0.50	3.697
20	20	13.794	5.242	0.38	3.376	13.492	5.127	0.38	3.537	13.129	4.989	0.38	3.778
22	16	11.979	8.385	0.70	3.215	11.616	8.131	0.70	3.396	11.253	7.877	0.70	3.597
22	18	12.826	7.439	0.58	3.275	12.463	7.229	0.58	3.456	12.040	6.983	0.58	3.697
22	20	13.794	6.345	0.46	3.376	13.492	6.206	0.46	3.537	13.129	6.039	0.46	3.778
24	16	11.979	9.344	0.78	3.215	11.616	9.060	0.78	3.396	11.253	8.777	0.78	3.597
24	18	12.826	8.465	0.66	3.275	12.463	8.226	0.66	3.456	12.040	7.946	0.66	3.697
24	20	13.794	7.449	0.54	3.376	13.492	7.286	0.54	3.537	13.129	7.090	0.54	3.778
24	22	14.702	6.175	0.42	3.456	14.399	6.048	0.42	3.657	14.036	5.895	0.42	3.898
26	16	11.979	10.302	0.86	3.215	11.616	9.990	0.86	3.396	11.253	9.678	0.86	3.597
26	18	12.826	9.491	0.74	3.275	12.463	9.223	0.74	3.456	12.040	8.910	0.74	3.697
26	20	13.794	8.552	0.62	3.376	13.492	8.365	0.62	3.537	13.129	8.140	0.62	3.778
26	22	14.702	7.351	0.50	3.456	14.399	7.200	0.50	3.657	14.036	7.018	0.50	3.898
27	16	11.979	10.781	0.90	3.215	11.616	10.454	0.90	3.396	11.253	10.128	0.90	3.597
27	18	12.826	10.004	0.78	3.275	12.463	9.721	0.78	3.456	12.040	9.391	0.78	3.697
27	20	13.794	9.104	0.66	3.376	13.492	8.905	0.66	3.537	13.129	8.665	0.66	3.778
27	22	14.702	7.939	0.54	3.456	14.399	7.775	0.54	3.657	14.036	7.579	0.54	3.898
28	16	11.979	11.260	0.94	3.215	11.616	10.919	0.94	3.396	11.253	10.578	0.94	3.597
28	18	12.826	10.517	0.82	3.275	12.463	10.220	0.82	3.456	12.040	9.873	0.82	3.697
28	20	13.794	9.656	0.70	3.376	13.492	9.444	0.70	3.537	13.129	9.190	0.70	3.778
28	22	14.702	8.527	0.58	3.456	14.399	8.351	0.58	3.657	14.036	8.141	0.58	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	11.543	0.90	3.275	12.463	11.217	0.90	3.456	12.040	10.836	0.90	3.697
30	20	13.794	10.759	0.78	3.376	13.492	10.524	0.78	3.537	13.129	10.241	0.78	3.778
30	22	14.702	9.703	0.66	3.456	14.399	9.503	0.66	3.657	14.036	9.264	0.66	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.569	0.98	3.275	12.463	12.214	0.98	3.456	12.040	11.799	0.98	3.697
32	20	13.794	11.863	0.86	3.376	13.492	11.603	0.86	3.537	13.129	11.291	0.86	3.778
32	22	14.702	10.879	0.74	3.456	14.399	10.655	0.74	3.657	14.036	10.387	0.74	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	12.966	0.94	3.376	13.492	12.682	0.94	3.537	13.129	12.341	0.94	3.778
34	22	14.702	12.056	0.82	3.456	14.399	11.807	0.82	3.657	14.036	11.510	0.82	3.898

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	3.800	8.225	7.732	0.94	4.121	8.013	7.532	0.94	4.438
14	8	8.568	7.454	0.87	3.807	8.285	7.208	0.87	4.128	8.060	7.012	0.87	4.446
14	9	8.925	7.051	0.79	3.838	8.619	6.809	0.79	4.167	8.366	6.609	0.79	4.490
16	8	8.845	8.314	0.94	3.832	8.581	8.066	0.94	4.162	8.361	7.859	0.94	4.489
16	9	8.991	7.642	0.85	3.844	8.685	7.382	0.85	4.173	8.441	7.175	0.85	4.500
16	11	9.405	7.242	0.77	3.876	9.085	6.995	0.77	4.216	8.817	6.789	0.77	4.550
18	10	9.213	8.568	0.93	3.862	8.943	8.317	0.93	4.201	8.715	8.105	0.93	4.537
18	11	9.441	7.930	0.84	3.879	9.120	7.661	0.84	4.218	8.852	7.436	0.84	4.555
18	12	9.908	7.431	0.75	3.911	9.574	7.181	0.75	4.263	9.288	6.966	0.75	4.609
20	16	10.769	6.677	0.62	3.858	10.285	6.377	0.62	4.140	9.801	6.077	0.62	4.481
20	18	11.616	5.808	0.50	3.959	11.253	5.627	0.50	4.260	10.527	5.264	0.50	4.582
20	20	12.584	4.782	0.38	4.059	12.100	4.598	0.38	4.341	11.374	4.322	0.38	4.662
22	16	10.769	7.538	0.70	3.858	10.285	7.200	0.70	4.140	9.801	6.861	0.70	4.481
22	18	11.616	6.737	0.58	3.959	11.253	6.527	0.58	4.260	10.527	6.106	0.58	4.582
22	20	12.584	5.789	0.46	4.059	12.100	5.566	0.46	4.341	11.374	5.232	0.46	4.662
24	16	10.769	8.400	0.78	3.858	10.285	8.022	0.78	4.140	9.801	7.645	0.78	4.481
24	18	11.616	7.667	0.66	3.959	11.253	7.427	0.66	4.260	10.527	6.948	0.66	4.582
24	20	12.584	6.795	0.54	4.059	12.100	6.534	0.54	4.341	11.374	6.142	0.54	4.662
24	22	13.552	5.692	0.42	4.140	13.068	5.489	0.42	4.461	12.342	5.184	0.42	4.742
26	16	10.769	9.261	0.86	3.858	10.285	8.845	0.86	4.140	9.801	8.429	0.86	4.481
26	18	11.616	8.596	0.74	3.959	11.253	8.327	0.74	4.260	10.527	7.790	0.74	4.582
26	20	12.584	7.802	0.62	4.059	12.100	7.502	0.62	4.341	11.374	7.052	0.62	4.662
26	22	13.552	6.776	0.50	4.140	13.068	6.534	0.50	4.461	12.342	6.171	0.50	4.742
27	16	10.769	9.692	0.90	3.858	10.285	9.257	0.90	4.140	9.801	8.821	0.90	4.481
27	18	11.616	9.060	0.78	3.959	11.253	8.777	0.78	4.260	10.527	8.211	0.78	4.582
27	20	12.584	8.305	0.66	4.059	12.100	7.986	0.66	4.341	11.374	7.507	0.66	4.662
27	22	13.552	7.318	0.54	4.140	13.068	7.057	0.54	4.461	12.342	6.665	0.54	4.742
28	16	10.769	10.123	0.94	3.858	10.285	9.668	0.94	4.140	9.801	9.213	0.94	4.481
28	18	11.616	9.525	0.82	3.959	11.253	9.227	0.82	4.260	10.527	8.632	0.82	4.582
28	20	12.584	8.809	0.70	4.059	12.100	8.470	0.70	4.341	11.374	7.962	0.70	4.662
28	22	13.552	7.860	0.58	4.140	13.068	7.579	0.58	4.461	12.342	7.158	0.58	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	10.454	0.90	3.959	11.253	10.128	0.90	4.260	10.527	9.474	0.90	4.582
30	20	12.584	9.816	0.78	4.059	12.100	9.438	0.78	4.341	11.374	8.872	0.78	4.662
30	22	13.552	8.944	0.66	4.140	13.068	8.625	0.66	4.461	12.342	8.146	0.66	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.384	0.98	3.959	11.253	11.028	0.98	4.260	10.527	10.316	0.98	4.582
32	20	12.584	10.822	0.86	4.059	12.100	10.406	0.86	4.341	11.374	9.782	0.86	4.662
32	22	13.552	10.028	0.74	4.140	13.068	9.670	0.74	4.461	12.342	9.133	0.74	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
34	20	12.584	11.829	0.94	4.059	12.100	11.374	0.94	4.341	11.374	10.692	0.94	4.662
34	22	13.552	11.113	0.82	4.140	13.068	10.716	0.82	4.461	12.342	10.120	0.82	4.742

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	4.692	9.109	8.380	0.92	5.088	8.874	8.164	0.92	5.480
14	8	9.488	8.065	0.85	4.701	9.175	7.799	0.85	5.097	8.926	7.587	0.85	5.489
14	9	9.883	7.610	0.77	4.739	9.545	7.350	0.77	5.144	9.265	7.134	0.77	5.544
16	8	9.796	9.012	0.92	4.731	9.503	8.743	0.92	5.138	9.260	8.519	0.92	5.542
16	9	9.957	8.264	0.83	4.746	9.619	7.984	0.83	5.152	9.348	7.759	0.83	5.556
16	11	10.415	7.811	0.75	4.786	10.061	7.546	0.75	5.205	9.764	7.323	0.75	5.618
18	10	10.203	9.285	0.91	4.768	9.904	9.013	0.91	5.187	9.652	8.783	0.91	5.601
18	11	10.456	8.574	0.82	4.789	10.100	8.282	0.82	5.208	9.803	8.038	0.82	5.624
18	12	10.973	8.010	0.73	4.828	10.602	7.739	0.73	5.263	10.286	7.509	0.73	5.691
20	16	11.926	7.156	0.60	4.764	11.390	6.834	0.60	5.111	10.854	6.512	0.60	5.533
20	18	12.864	6.175	0.48	4.888	12.462	5.982	0.48	5.260	11.658	5.596	0.48	5.657
20	20	13.936	5.017	0.36	5.012	13.400	4.824	0.36	5.359	12.596	4.535	0.36	5.756
22	16	11.926	8.110	0.68	4.764	11.390	7.745	0.68	5.111	10.854	7.381	0.68	5.533
22	18	12.864	7.204	0.56	4.888	12.462	6.979	0.56	5.260	11.658	6.528	0.56	5.657
22	20	13.936	6.132	0.44	5.012	13.400	5.896	0.44	5.359	12.596	5.542	0.44	5.756
24	16	11.926	9.064	0.76	4.764	11.390	8.656	0.76	5.111	10.854	8.249	0.76	5.533
24	18	12.864	8.233	0.64	4.888	12.462	7.976	0.64	5.260	11.658	7.461	0.64	5.657
24	20	13.936	7.247	0.52	5.012	13.400	6.968	0.52	5.359	12.596	6.550	0.52	5.756
24	22	15.008	6.003	0.40	5.111	14.472	5.789	0.40	5.508	13.668	5.467	0.40	5.855
26	16	11.926	10.018	0.84	4.764	11.390	9.568	0.84	5.111	10.854	9.117	0.84	5.533
26	18	12.864	9.262	0.72	4.888	12.462	8.973	0.72	5.260	11.658	8.394	0.72	5.657
26	20	13.936	8.362	0.60	5.012	13.400	8.040	0.60	5.359	12.596	7.558	0.60	5.756
26	22	15.008	7.204	0.48	5.111	14.472	6.947	0.48	5.508	13.668	6.561	0.48	5.855
27	16	11.926	10.495	0.88	4.764	11.390	10.023	0.88	5.111	10.854	9.552	0.88	5.533
27	18	12.864	9.777	0.76	4.888	12.462	9.471	0.76	5.260	11.658	8.860	0.76	5.657
27	20	13.936	8.919	0.64	5.012	13.400	8.576	0.64	5.359	12.596	8.061	0.64	5.756
27	22	15.008	7.804	0.52	5.111	14.472	7.525	0.52	5.508	13.668	7.107	0.52	5.855
28	16	11.926	10.972	0.92	4.764	11.390	10.479	0.92	5.111	10.854	9.986	0.92	5.533
28	18	12.864	10.291	0.80	4.888	12.462	9.970	0.80	5.260	11.658	9.326	0.80	5.657
28	20	13.936	9.476	0.68	5.012	13.400	9.112	0.68	5.359	12.596	8.565	0.68	5.756
28	22	15.008	8.404	0.56	5.111	14.472	8.104	0.56	5.508	13.668	7.654	0.56	5.855
30	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
30	18	12.864	11.320	0.88	4.888	12.462	10.967	0.88	5.260	11.658	10.259	0.88	5.657
30	20	13.936	10.591	0.76	5.012	13.400	10.184	0.76	5.359	12.596	9.573	0.76	5.756
30	22	15.008	9.605	0.64	5.111	14.472	9.262	0.64	5.508	13.668	8.748	0.64	5.855
32	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
32	18	12.864	12.349	0.96	4.888	12.462	11.964	0.96	5.260	11.658	11.192	0.96	5.657
32	20	13.936	11.706	0.84	5.012	13.400	11.256	0.84	5.359	12.596	10.581	0.84	5.756
32	22	15.008	10.806	0.72	5.111	14.472	10.420	0.72	5.508	13.668	9.841	0.72	5.855
34	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
34	18	12.864	12.864	1.00	4.888	12.462	12.462	1.00	5.260	11.658	11.658	1.00	5.657
34	20	13.936	12.821	0.92	5.012	13.400	12.328	0.92	5.359	12.596	11.588	0.92	5.756
34	22	15.008	12.006	0.80	5.111	14.472	11.578	0.80	5.508	13.668	10.934	0.80	5.855

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

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

COOLING CAPACITY
PLA-SM71EA2 / SUZ-SM71VA

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

HEATING CAPACITY
PLA-M·EA2 / SUZ-M·VA

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

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

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

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

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

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

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

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

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) locatedat 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.

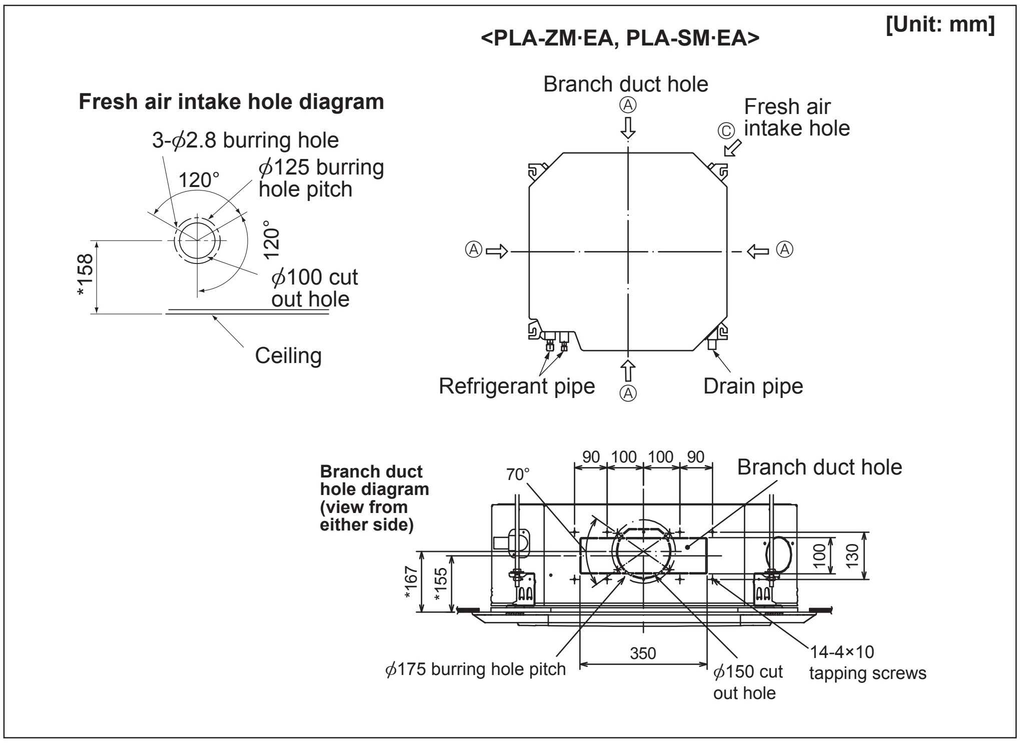
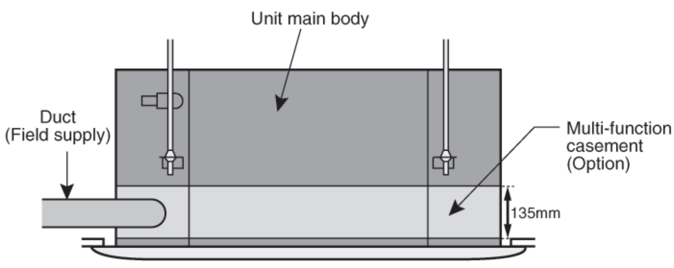


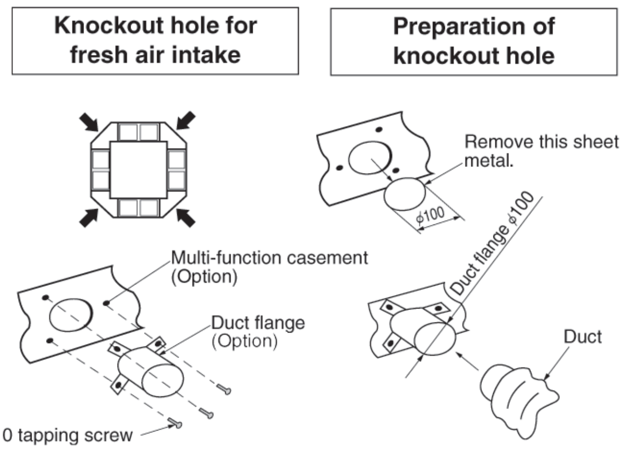
Fig. 1

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.)



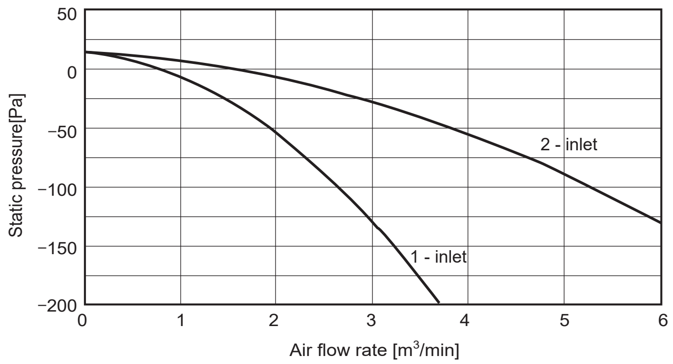
Direct exterior air intake into the main body is also possible.



3. Fresh air intake volume & static pressure characteristics

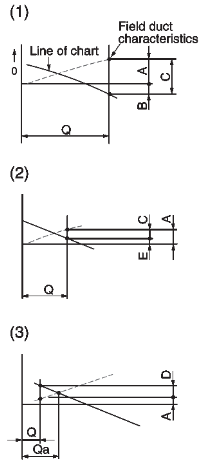
PLA-ZM35EA2 PLA-ZM50EA2 PLA-ZM60EA2

① At using multi-function casement, standard filter



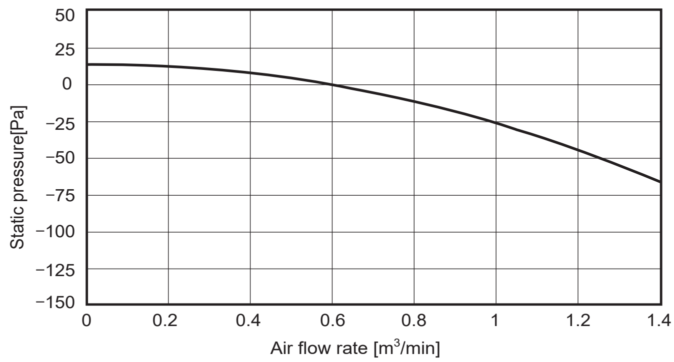
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

How to read the chart



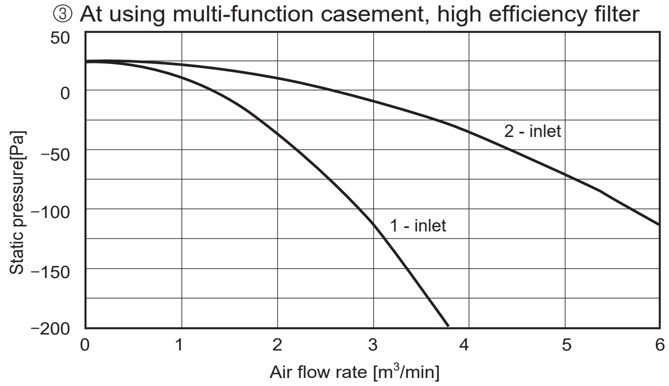
Q .... Design fresh air intake volume (m³/min)
A ..... Static pressure loss [Pa] of fesh air intake duct at air flow rate of Q
B ..... Required boost pressure [Pa] of air conditioner inlet at air flow rate of Q
C ..... Required static pressure [Pa] of booster fan at air flow rate of Q
D ..... Required compensation [Pa] for static prssure 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

② Direct intake to unit



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

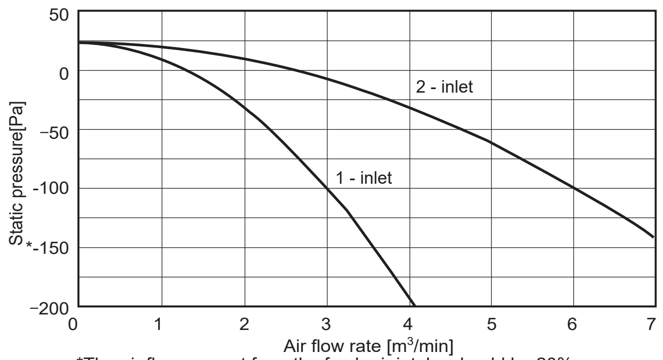
③ At using multi-function casement, high efficiency filter



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

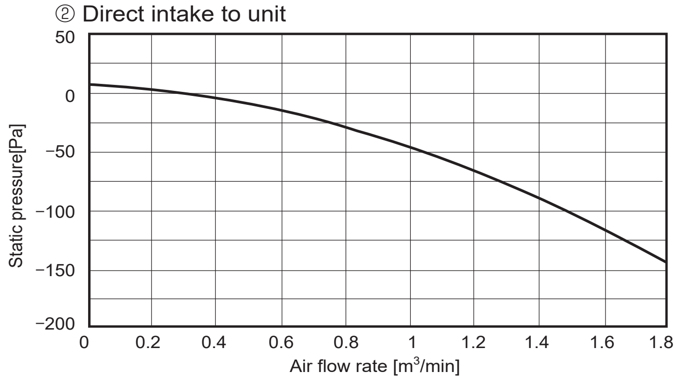
PLA-ZM71EA2 PLA-ZM100EA2 PLA-ZM125EA2 PLA-ZM140EA2

① At using multi-function casement, standard filter



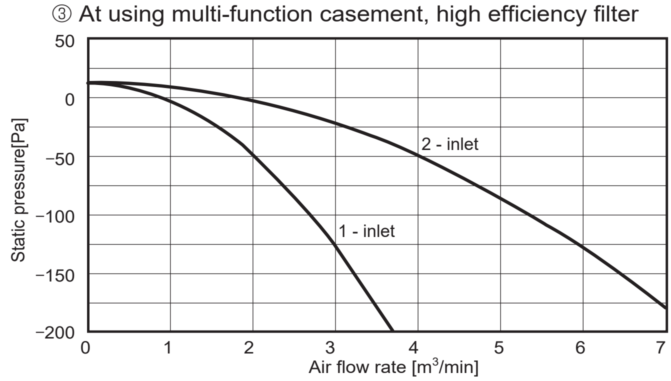
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



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

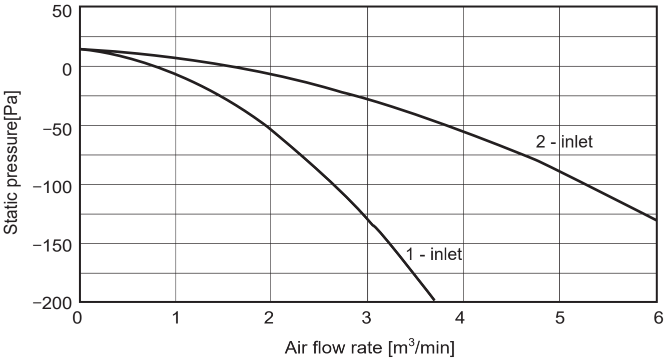
③ At using multi-function casement, high efficiency filter



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

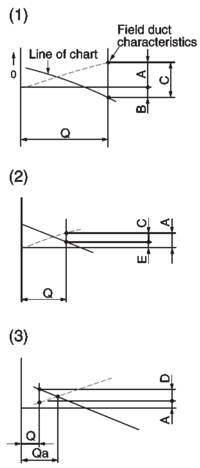
PLA-M35EA2 PLA-M50EA2 PLA-M60EA2 PLA-M71EA2 PLA-SM71EA2

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.

How to read the chart



Q .... Design fresh air intake volume (m³/min)

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

B ..... Required boost pressure [Pa] of air conditioner in-let at air flow rate of Q

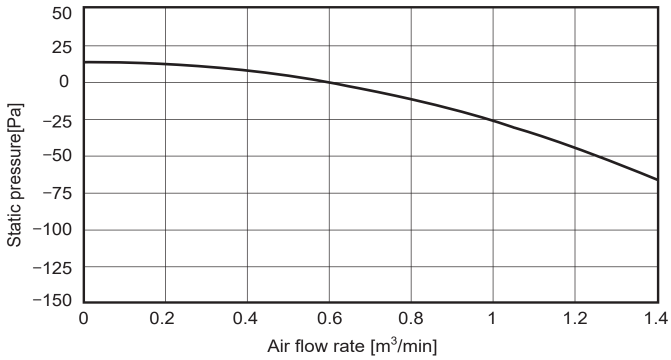
C ..... Required static pressure [Pa] of booster fan at air flow rate of Q

D ..... Required compensation [Pa] for static prssure 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

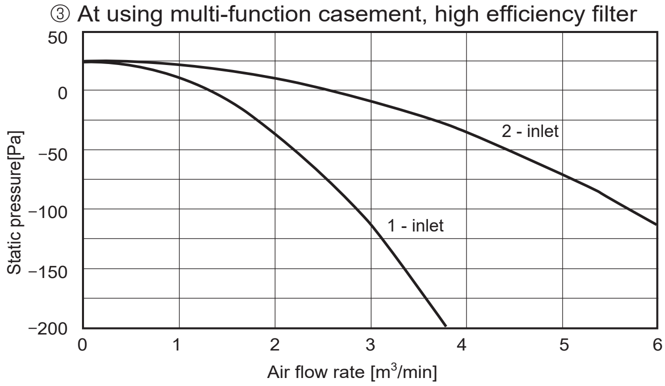
Qa .. Estimated fresh air intake [m³/min] without compen-sation of D

② Direct intake to unit



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

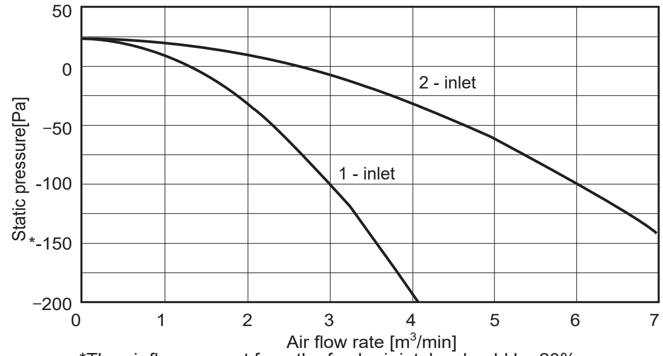
③ At using multi-function casement, high efficiency filter



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

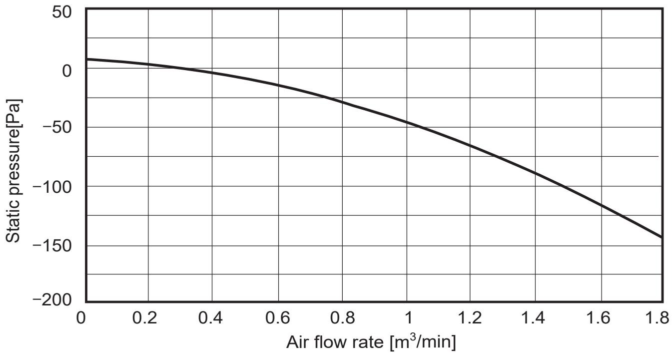
PLA-M100EA2 PLA-M125EA2 PLA-M140EA2 PLA-SM100EA2 PLA-SM125EA2 PLA-SM140EA2

① At using multi-function casement, standard filter



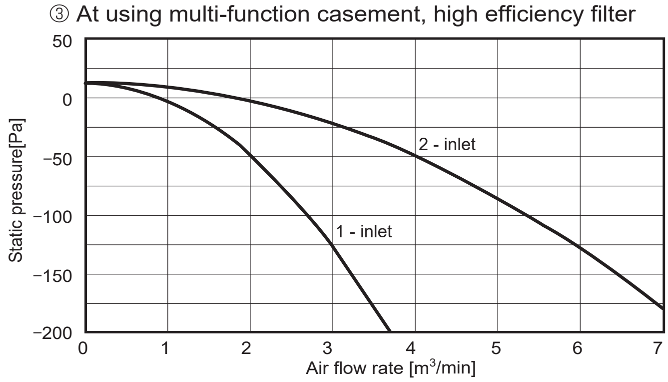
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



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

③ At using multi-function casement, high efficiency filter



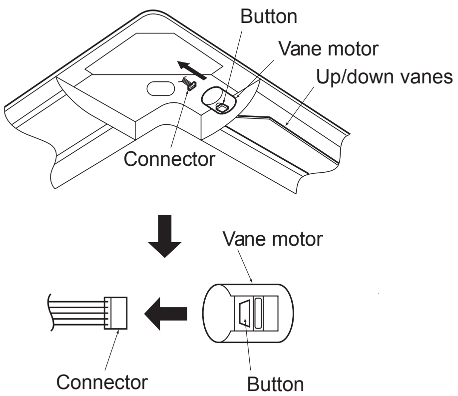
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

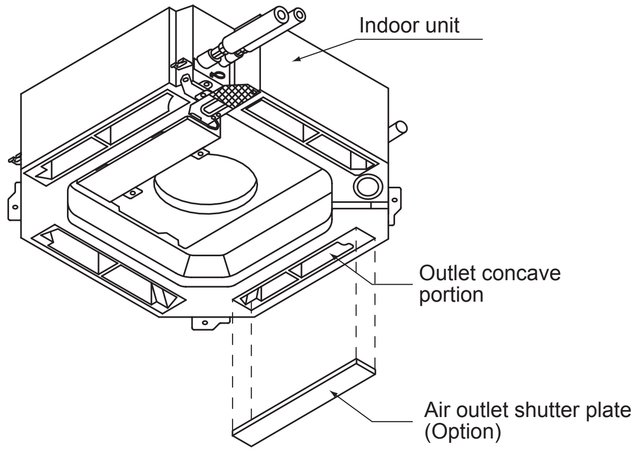
4. Change of outlet numbers

[The optional air outlet shutter is necessary.]

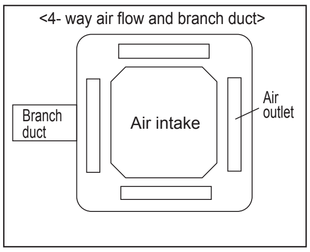
To change the air outlet numbers to 3-, or 2-way outlet, the outlets should be closed with the optional air outlet shutter.)

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

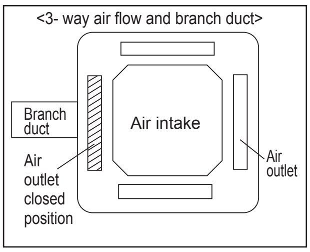




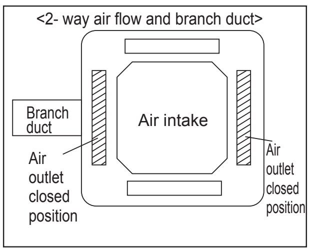
5. Branch duct and change of outlet numbers



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



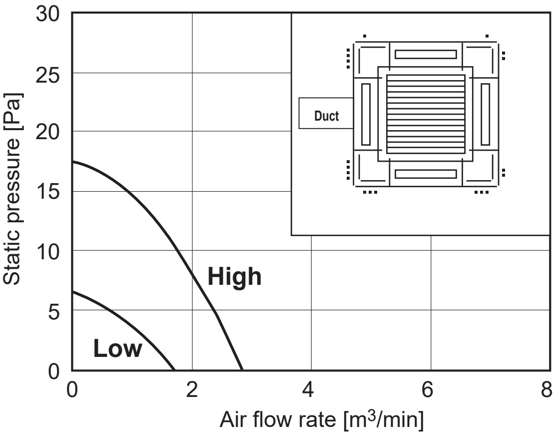
※ Close the outlet on the side of branch duct and air flows in 3 directions.



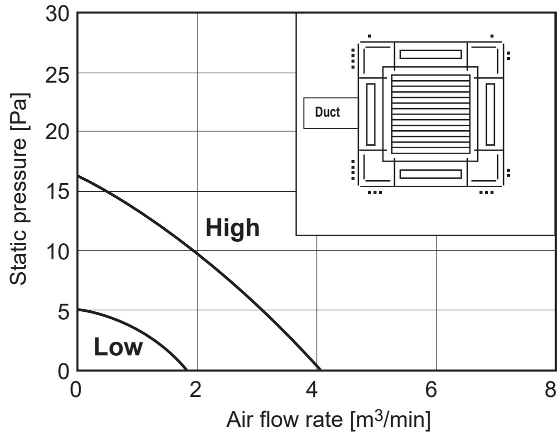
※ The outlet on the side of branch duct and one of the other outlets are closed.
Air flow in 2 directions.

PLA-ZM71EA2

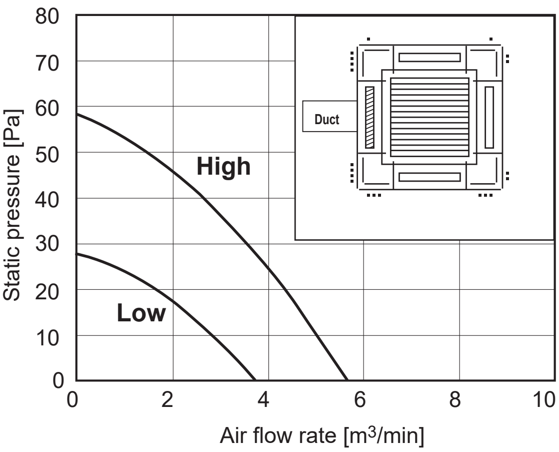
●4-way air flow (horizontal vane) Round duct



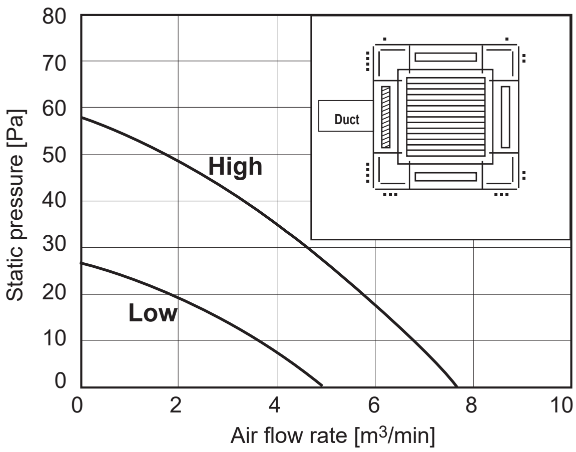
●4-way air flow (horizontal vane) Rectangular duct



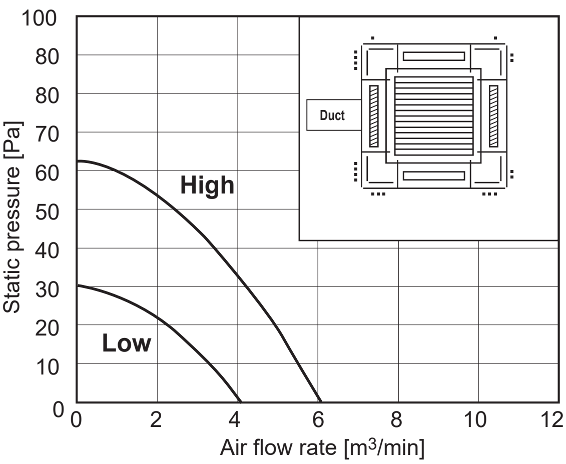
●3-way air flow (horizontal vane) Round duct



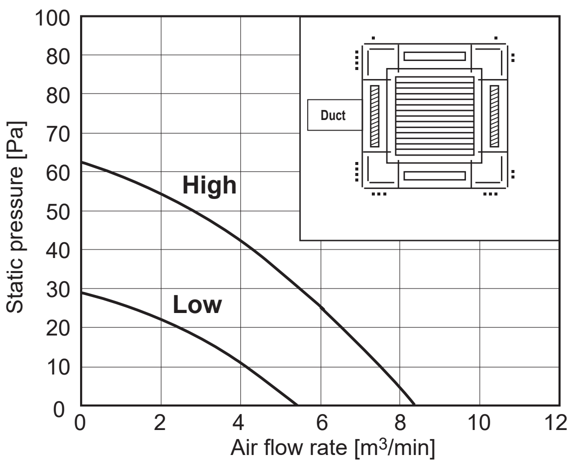
●3-way air flow (horizontal vane) Rectangular duct



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



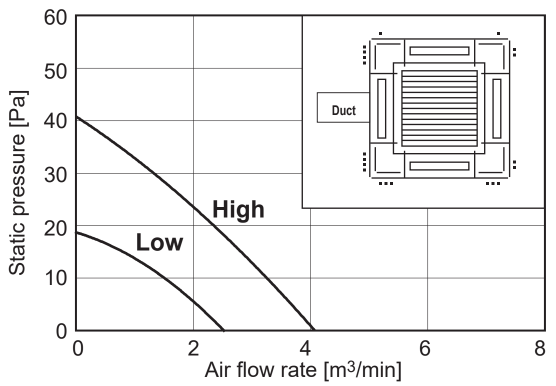
●2-way air flow (horizontal vane) Rectangular duct



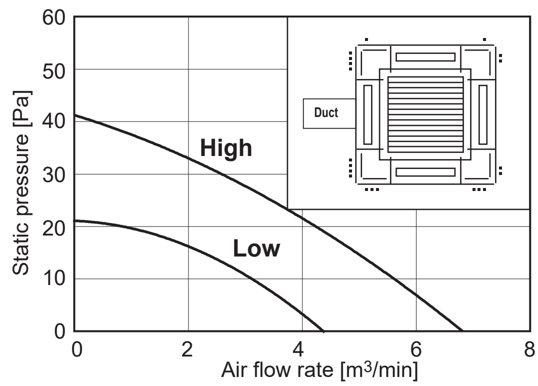
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM35,50,60EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM71EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-ZM140EA2

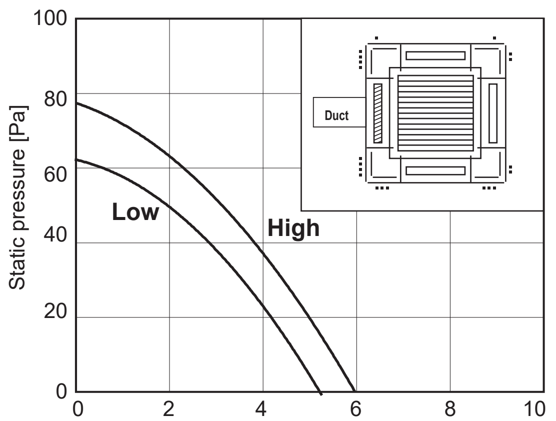
●4-way air flow (horizontal vane) Round duct



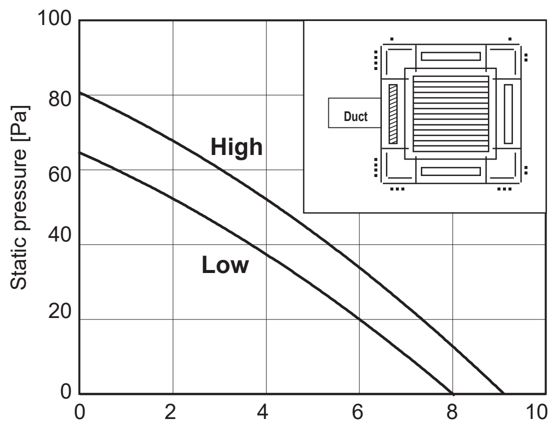
●4-way air flow (horizontal vane) Rectangular duct



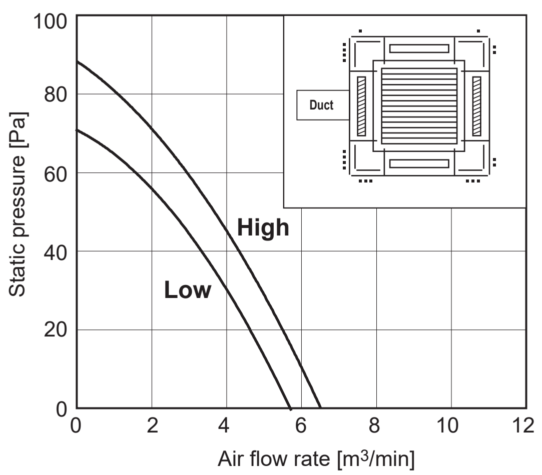
●3-way air flow (horizontal vane) Round duct



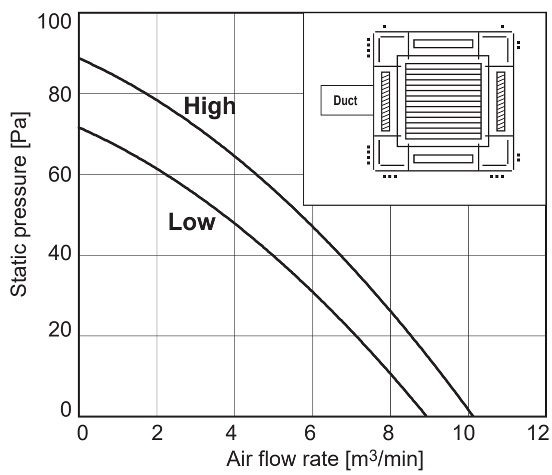
●3-way air flow (horizontal vane) Rectangular duct



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



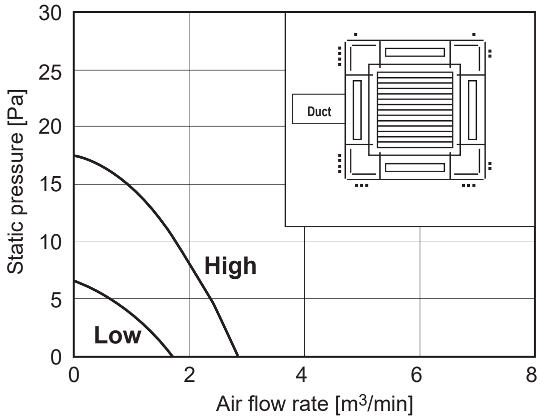
●2-way air flow (horizontal vane) Rectangular duct



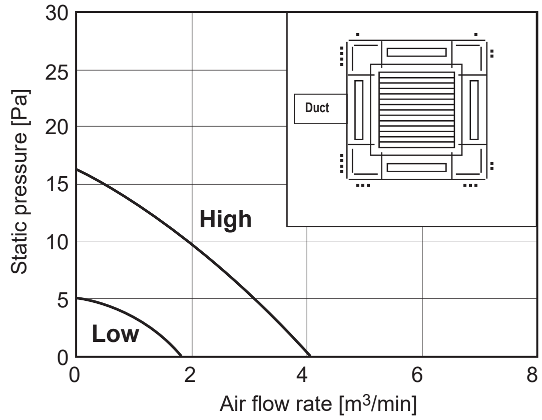
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM100,125EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM140EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-M71EA2
PLA-SM71EA2

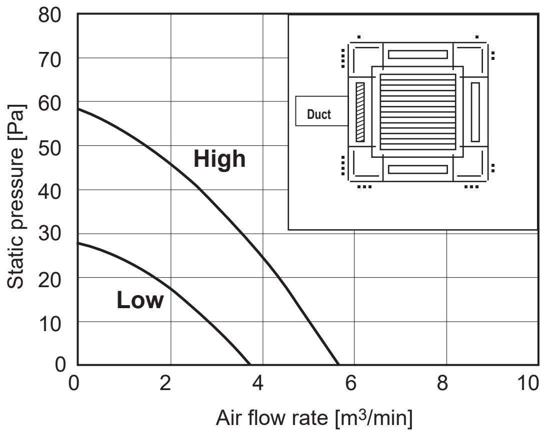
●4-way air flow (horizontal vane) Round duct



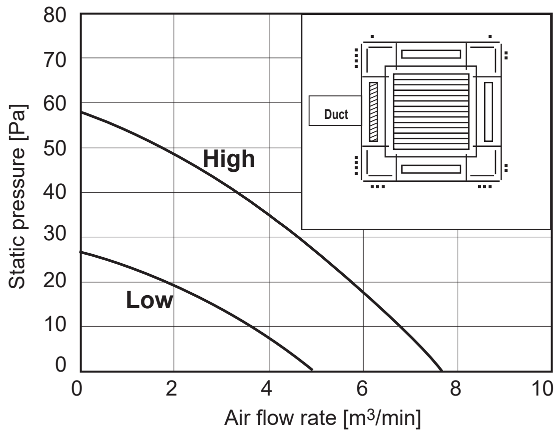
●4-way air flow (horizontal vane) Rectangular duct



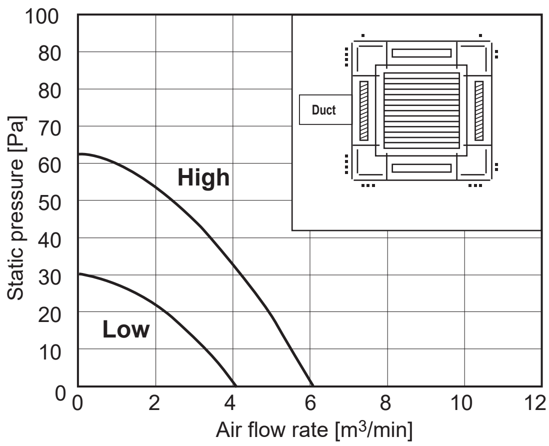
●3-way air flow (horizontal vane) Round duct



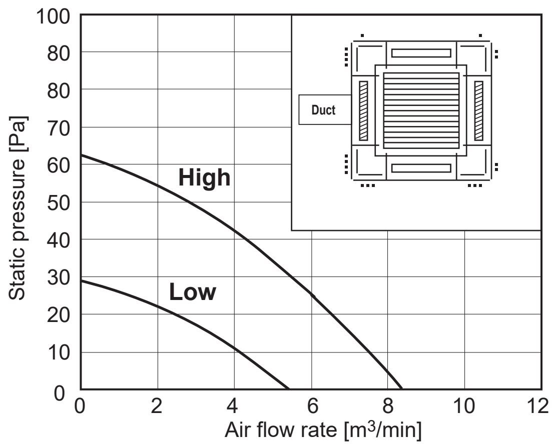
●3-way air flow (horizontal vane) Rectangular duct



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



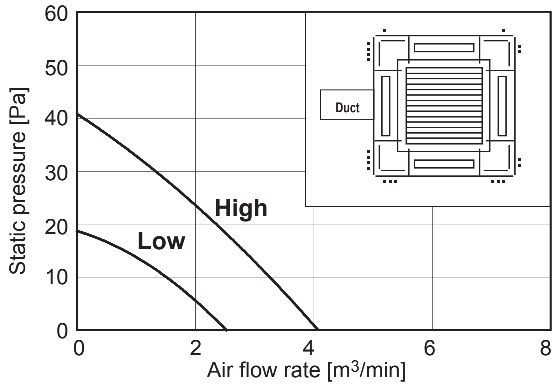
●2-way air flow (horizontal vane) Rectangular duct



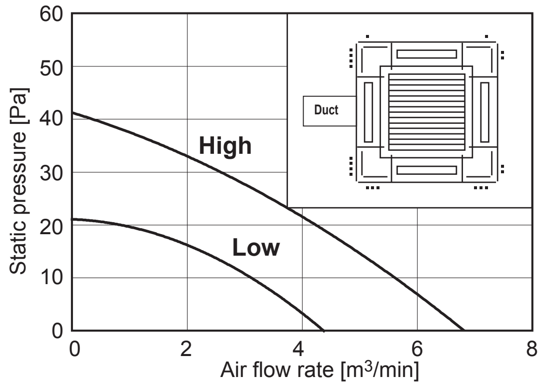
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M35,50,60EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-M71EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-M140EA2
PLA-SM140EA2

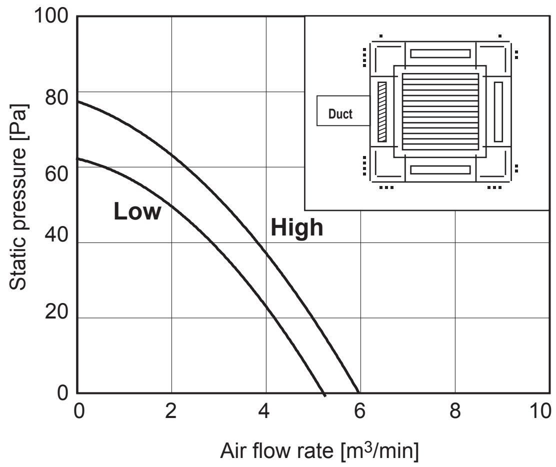
●4-way air flow (horizontal vane) Round duct



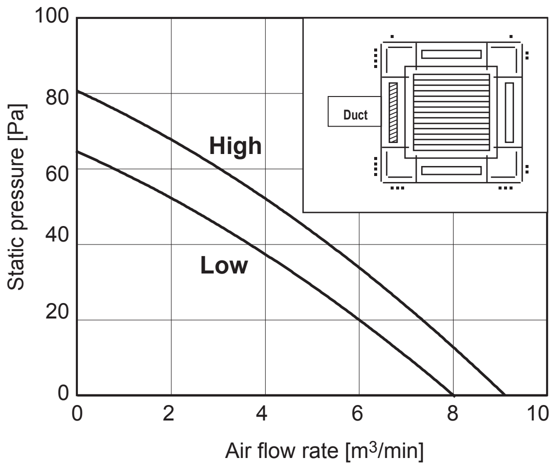
●4-way air flow (horizontal vane) Rectangular duct



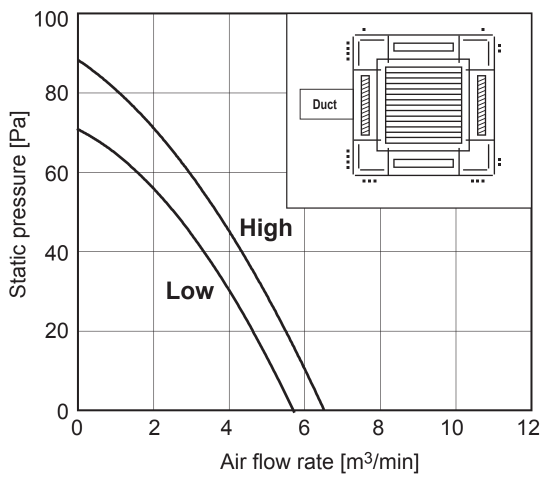
●3-way air flow (horizontal vane) Round duct



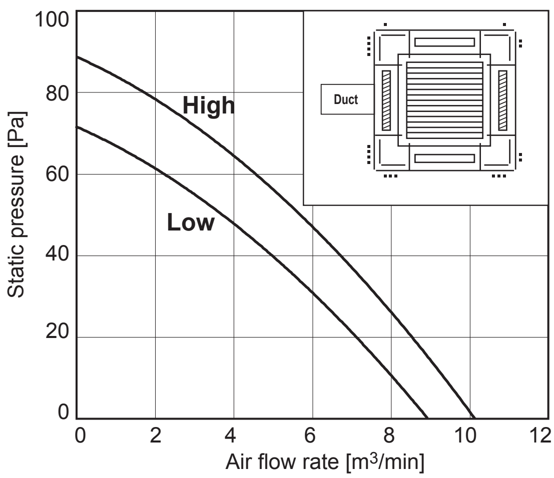
●3-way air flow (horizontal vane) Rectangular duct



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



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

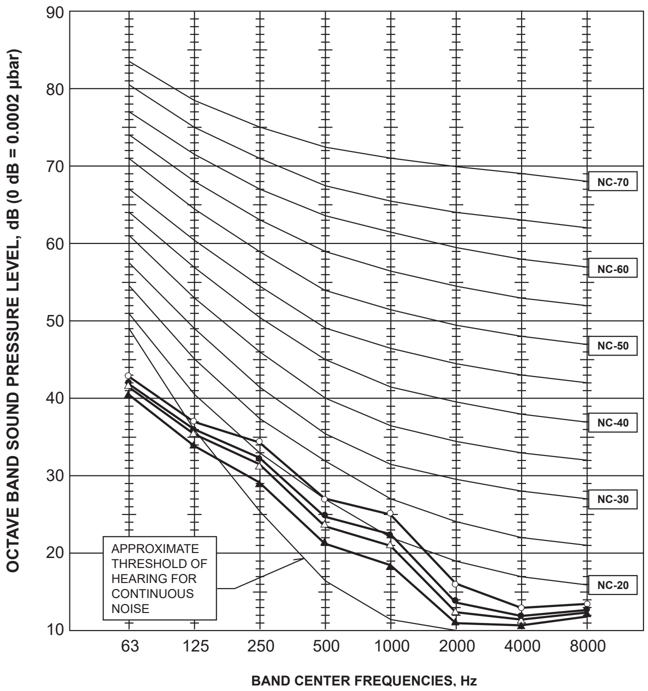


- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M100,125EA2,PLA-SM100,125EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-M140EA2, PLA-SM140EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

A.1.7 NOISE CRITERIA CURVES

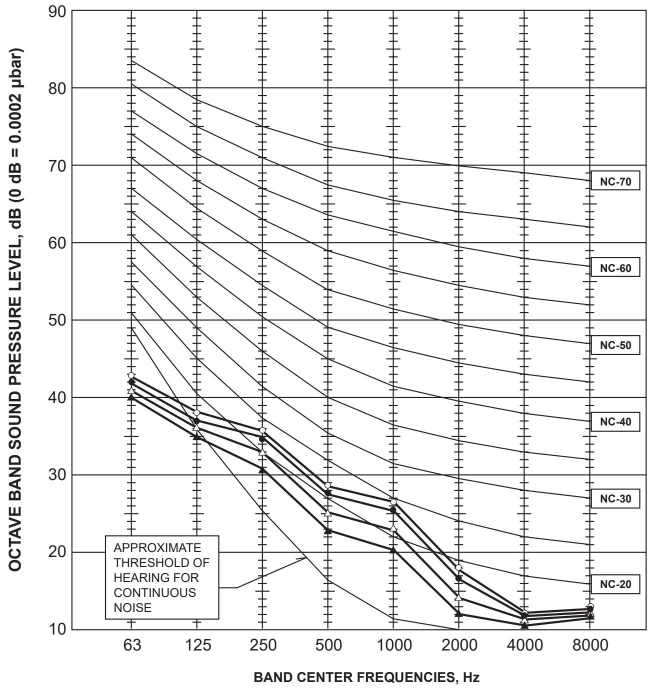
PLA-ZM35EA2

NOTCH	SPL(dB)	LINE
High	31	
Medium1	29	
Medium2	28	
Low	26	



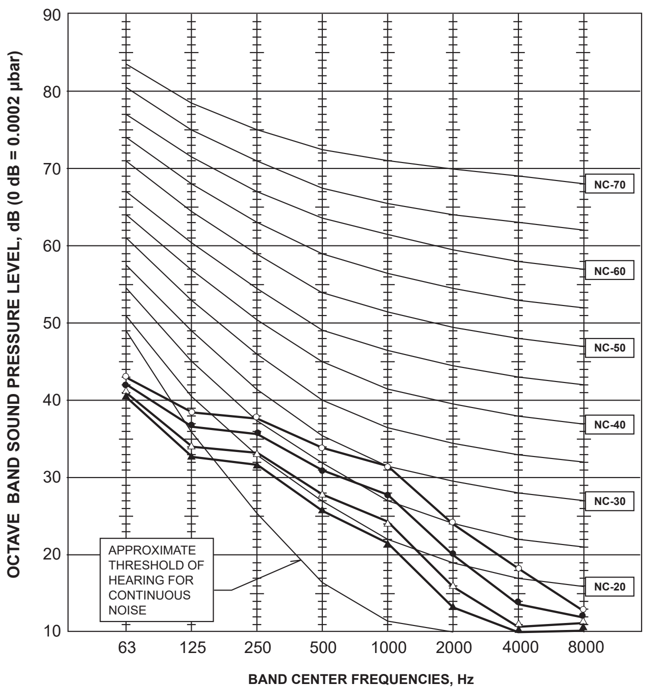
PLA-ZM50EA2
PLA-ZM60EA2

	SPL(dB)	LINE
	32	
	31	
Medium2	29	
Low	27	



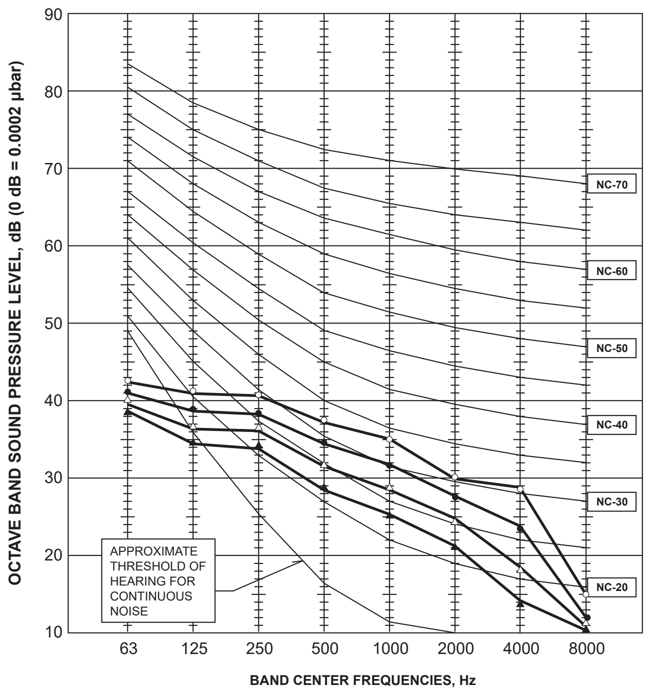
PLA-ZM71EA2

	SPL(dB)	LINE
High	36	
Medium1	33	
Medium2	30	
Low	28	



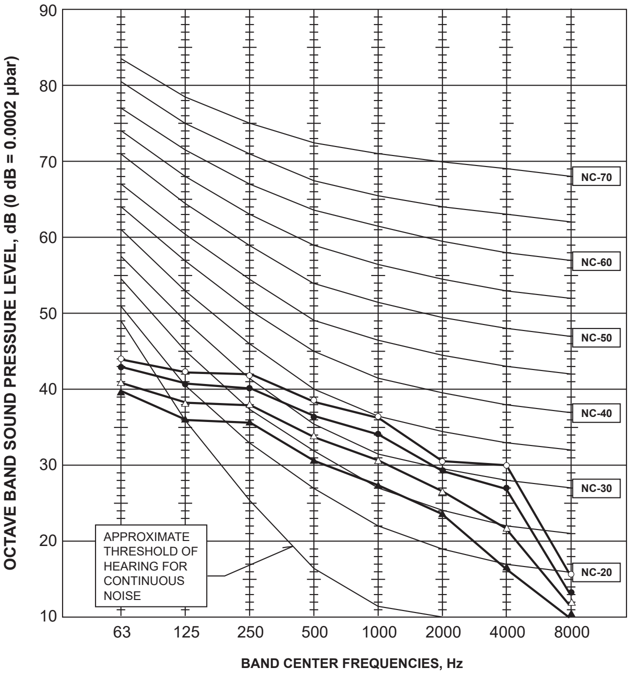
PLA-ZM100EA2

	SPL(dB)	LINE
High	40	
Medium1	37	
Medium2	34	
Low	31	



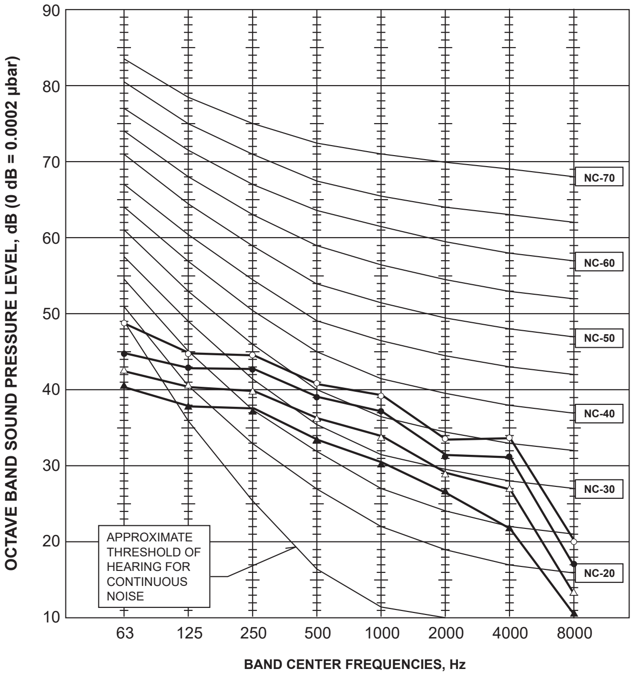
PLA-ZM125EA2

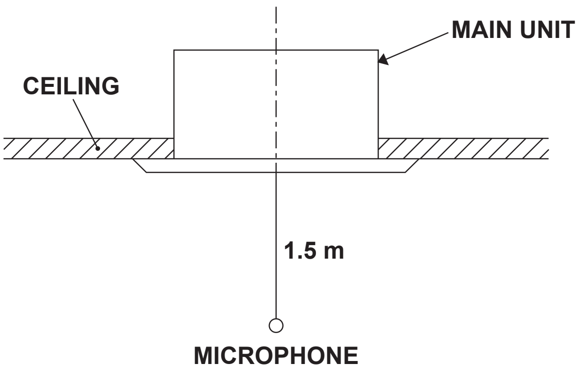
NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	●—●
Medium2	36	△—△
Low	33	▲—▲



PLA-ZM140EA2

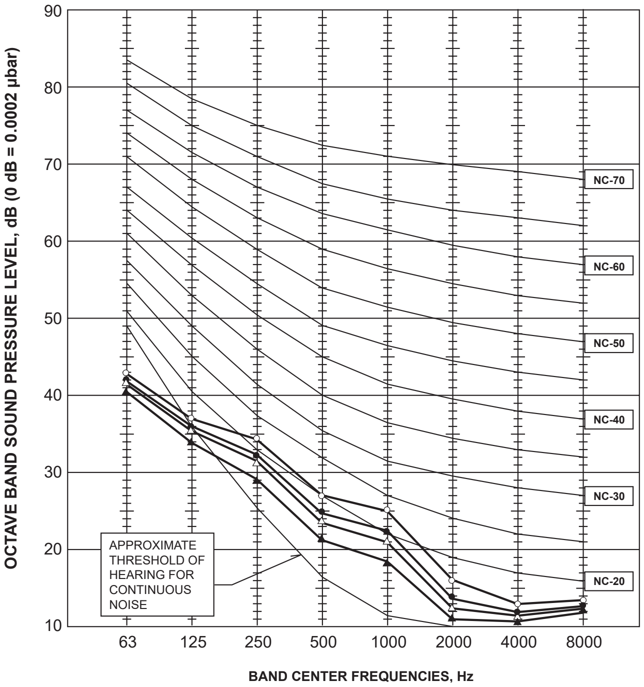
	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲





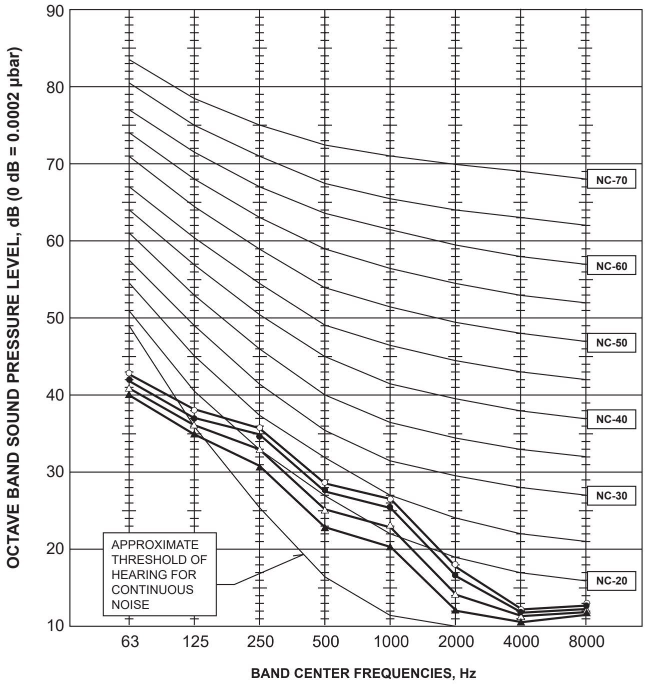
PLA-M35EA2

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



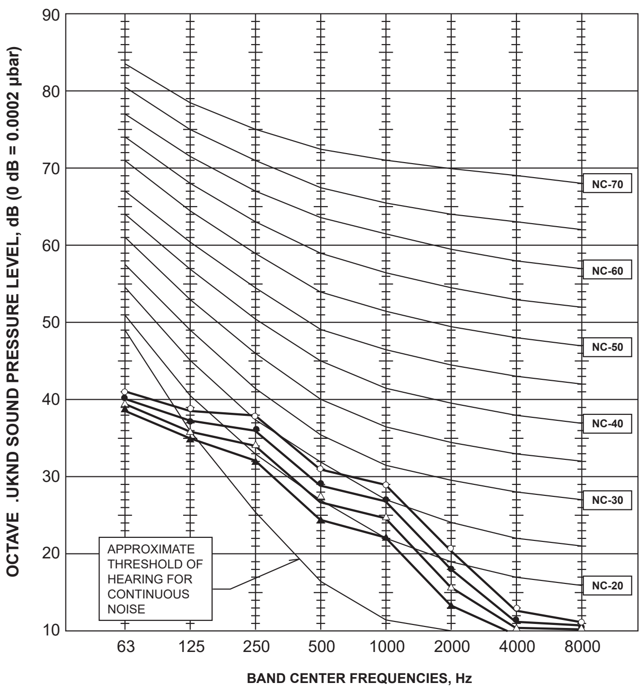
PLA-M50EA2
PLA-M60EA2

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



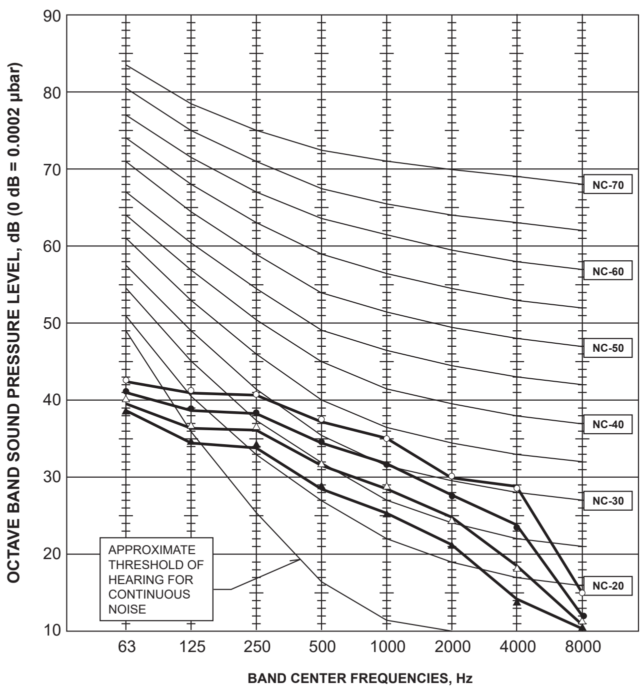
PLA-M71EA2

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



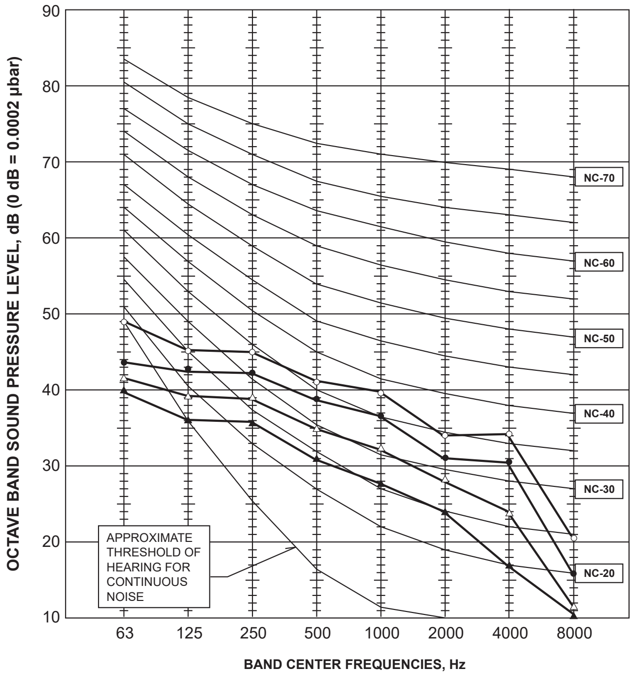
PLA-M100EA2

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



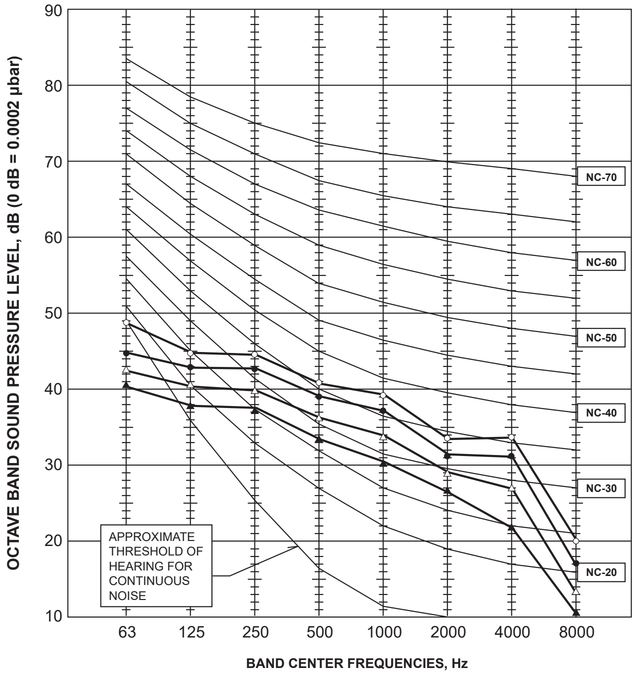
PLA-M125EA2

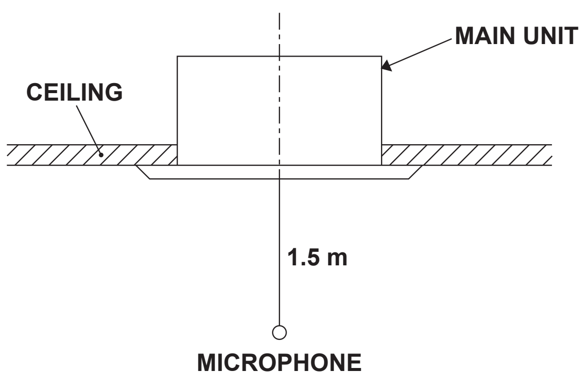
NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	41	●—●
Medium2	37	△—△
Low	33	▲—▲



PLA-M140EA2

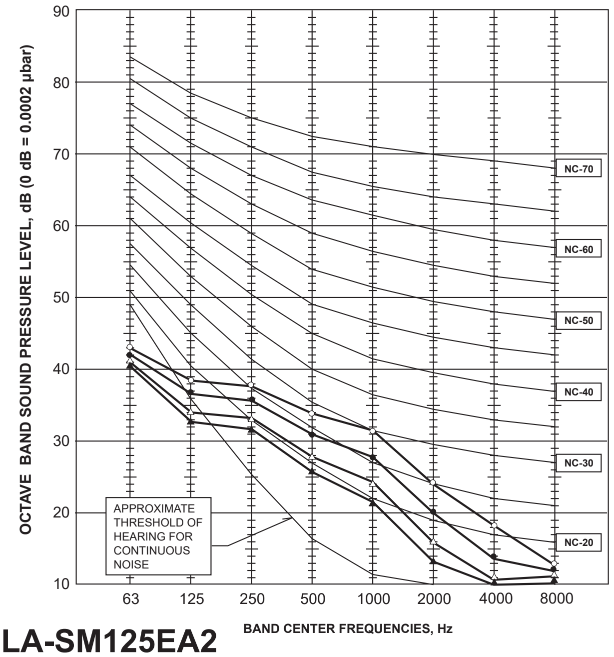
NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲





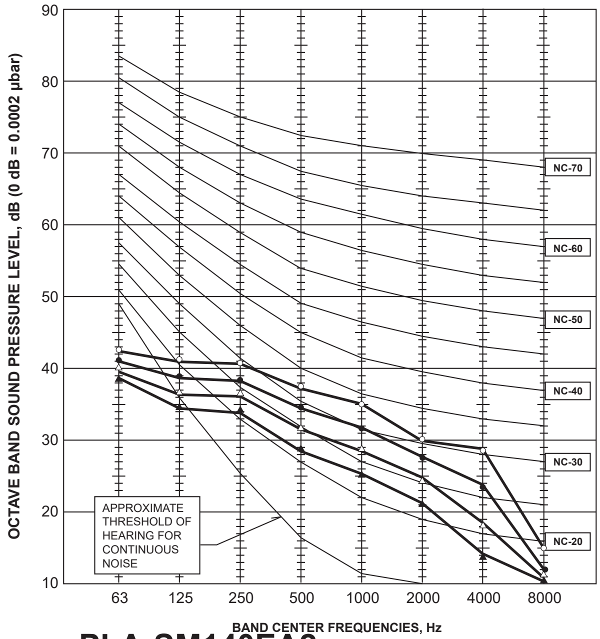
PLA-SM71EA2

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



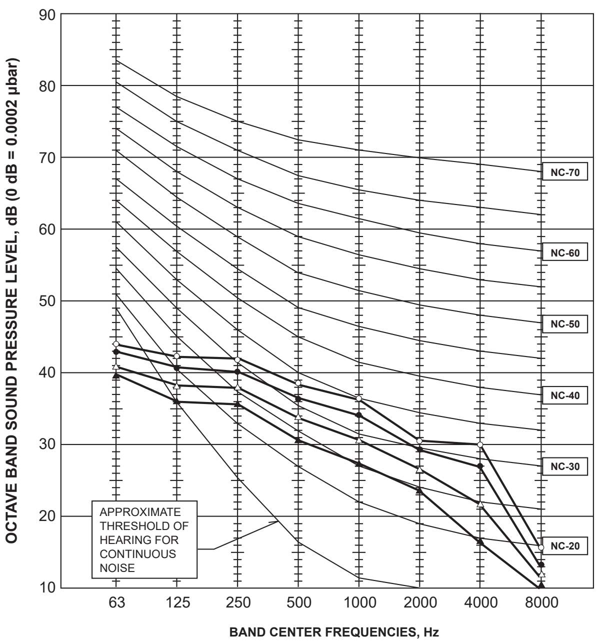
PLA-SM100EA2

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



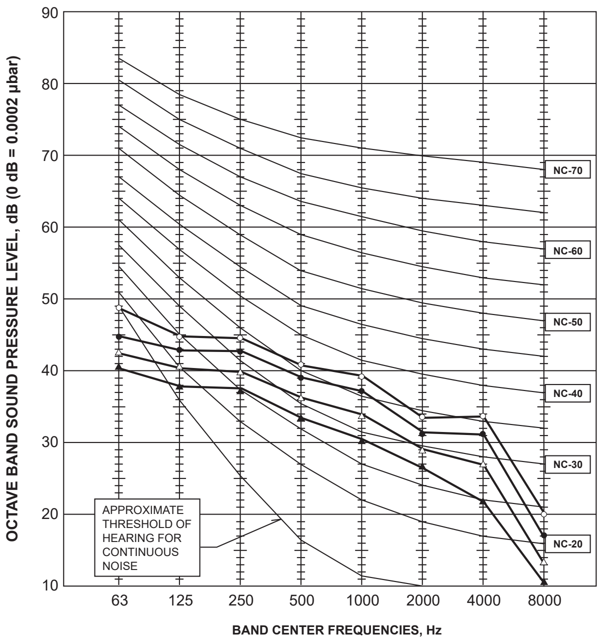
PLA-SM125EA2

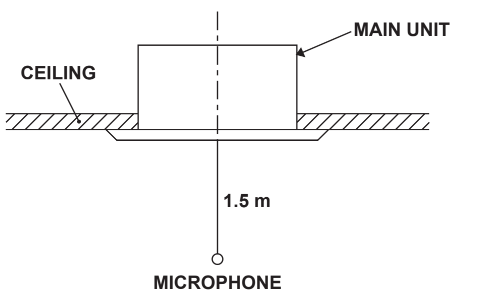
NOTCH	SPL(dB)	LINE
High	44	○——○
Medium1	41	●——●
Medium2	37	△——△
Low	33	▲——▲



PLA-SM140EA2

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



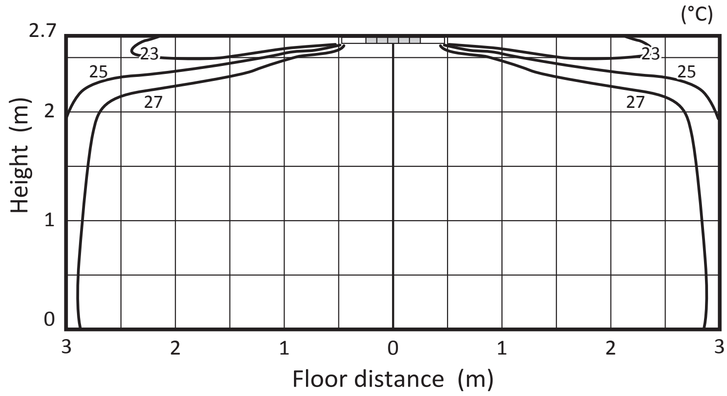


A.1.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

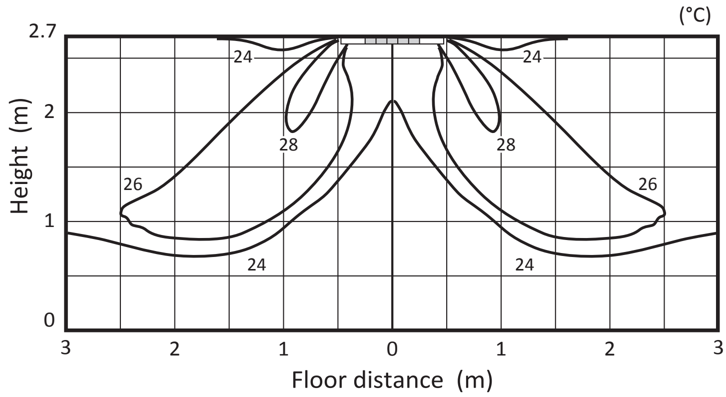
PLA-ZM35EA2

■TEMPERATURE DISTRIBUTION

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

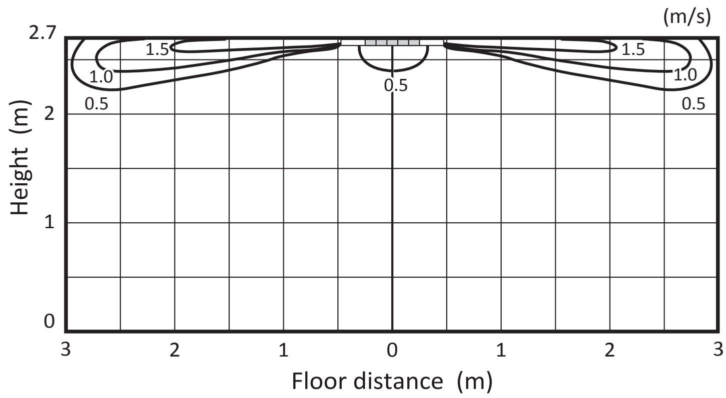


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

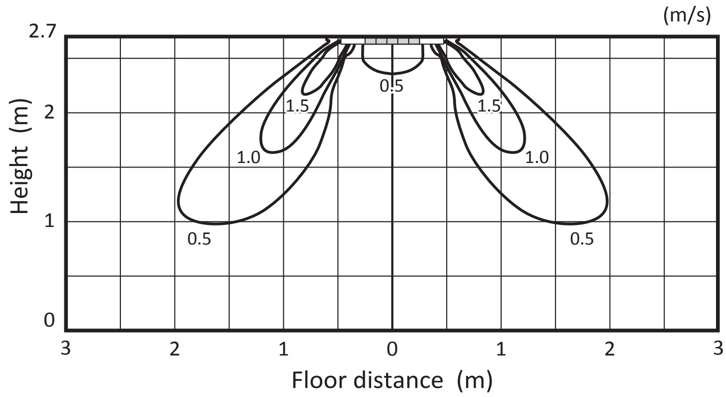


■AIRFLOW DISTRIBUTION

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



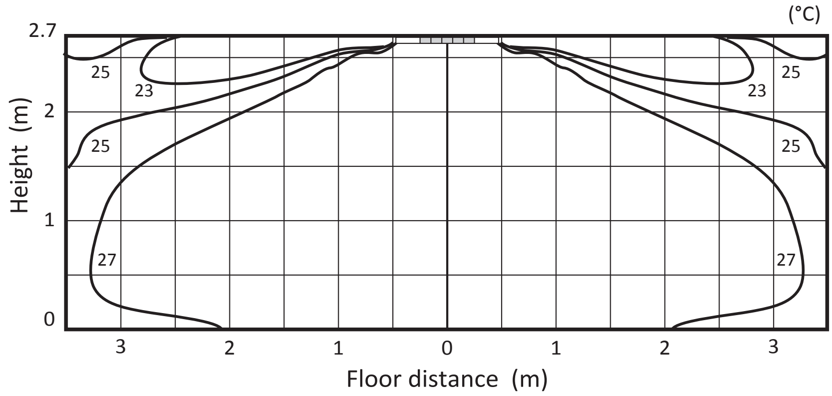
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



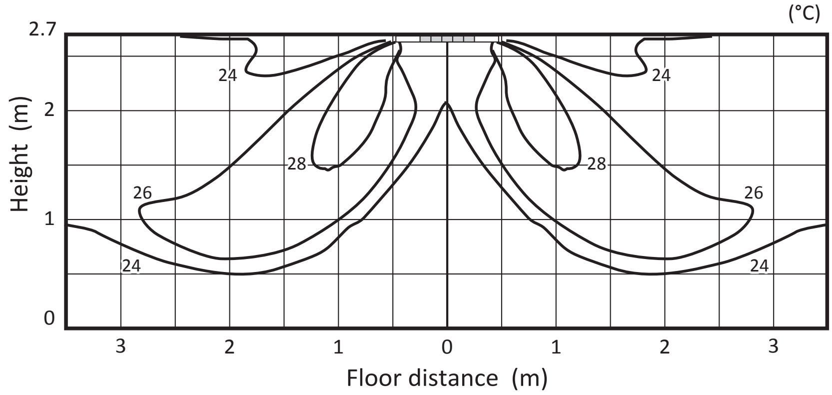
PLA-ZM50EA2

■TEMPERATURE DISTRIBUTION

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

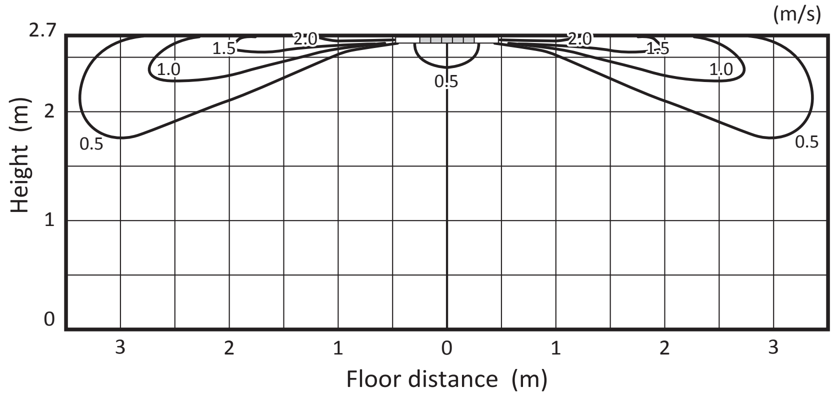


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

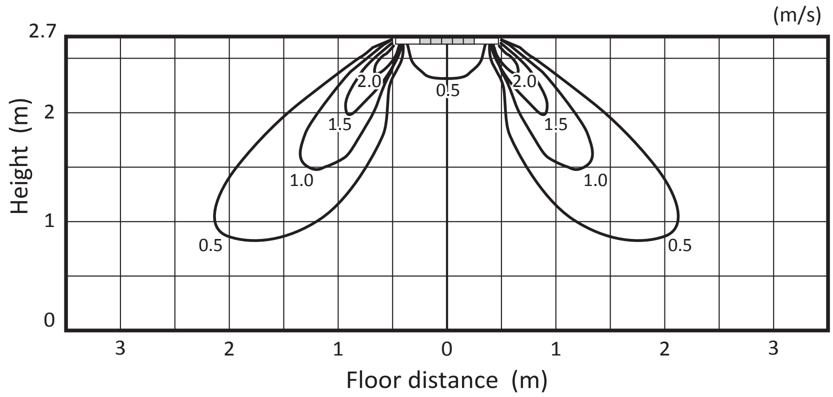


■AIRFLOW DISTRIBUTION

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



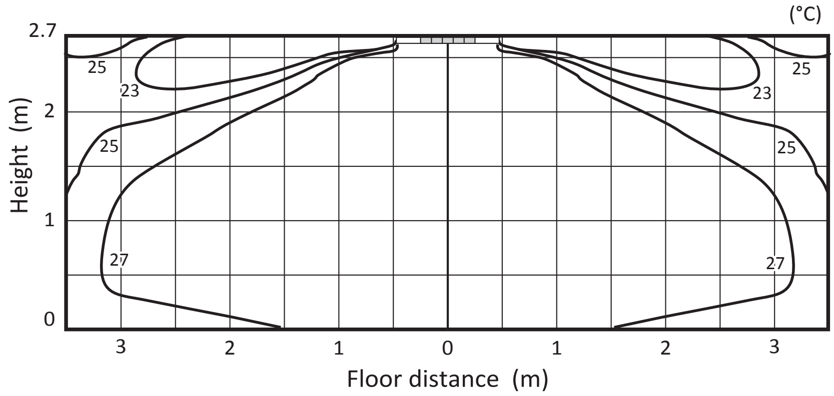
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



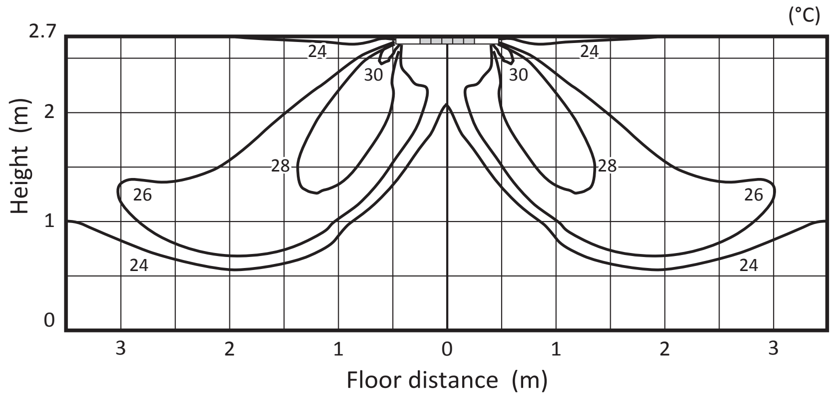
PLA-ZM60EA2

■TEMPERATURE DISTRIBUTION

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

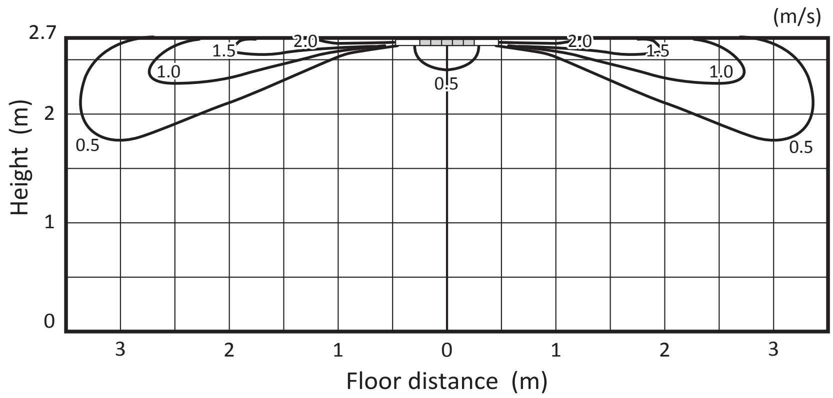


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

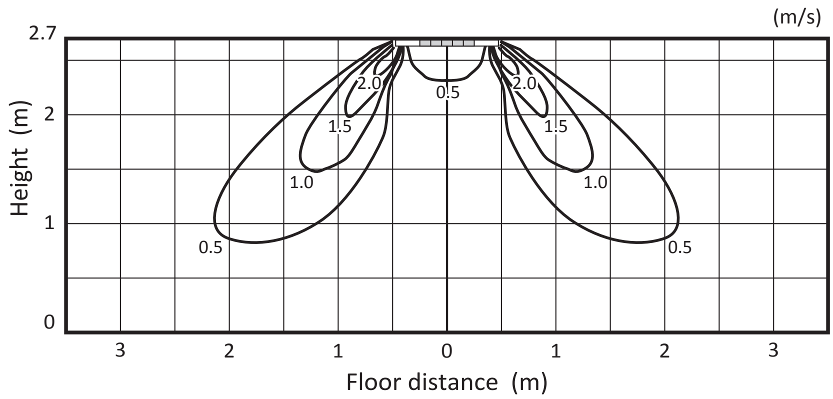


■AIRFLOW DISTRIBUTION

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



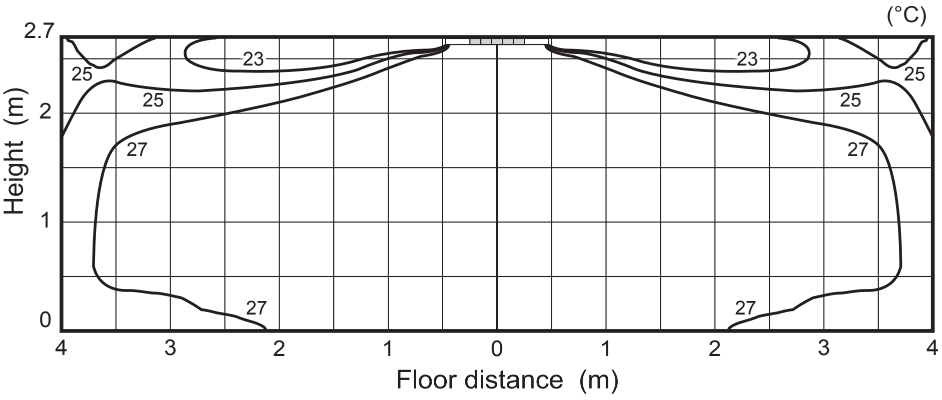
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



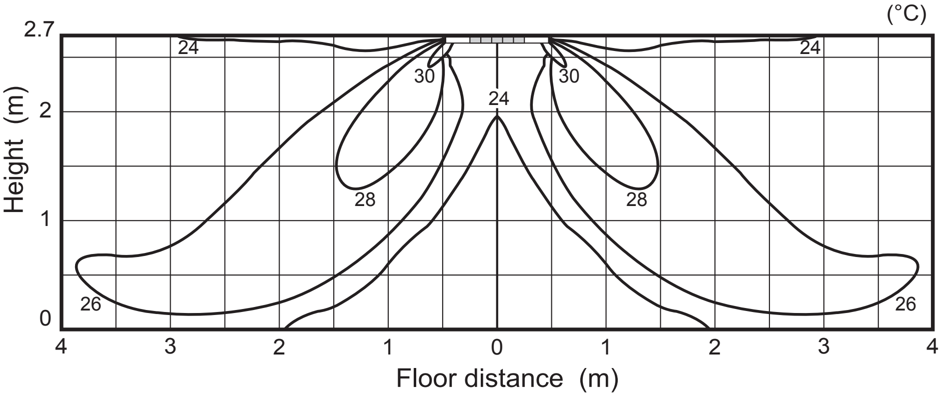
PLA-ZM71EA2

■TEMPERATURE DISTRIBUTION

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

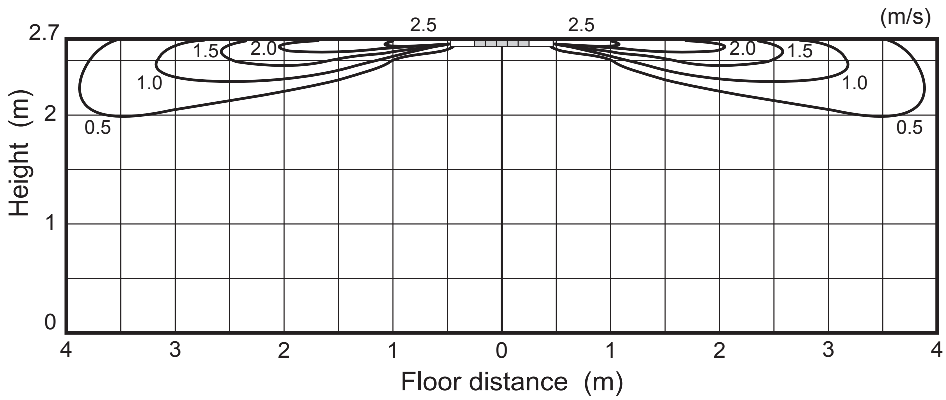


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

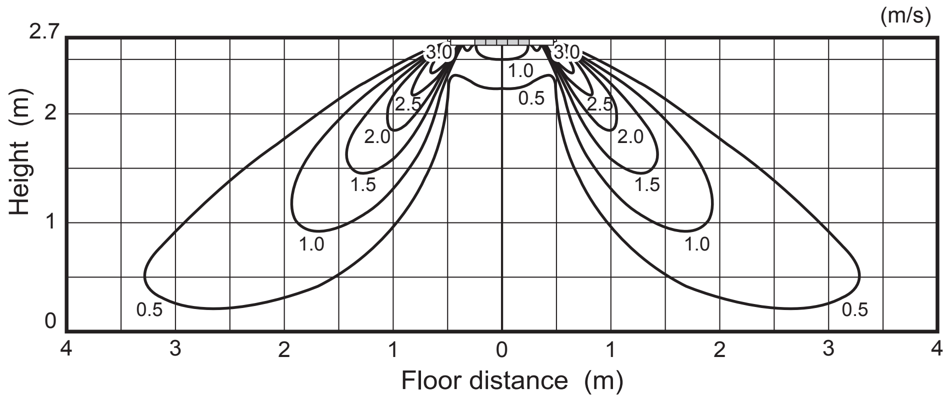


■AIRFLOW DISTRIBUTION

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



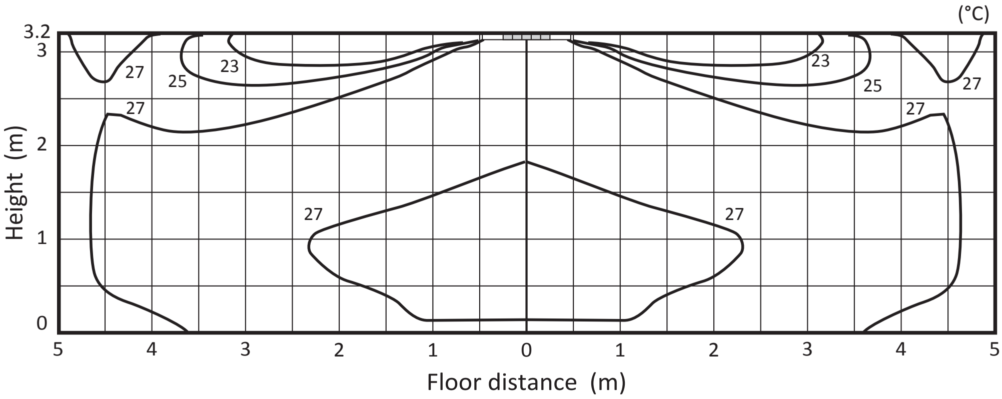
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



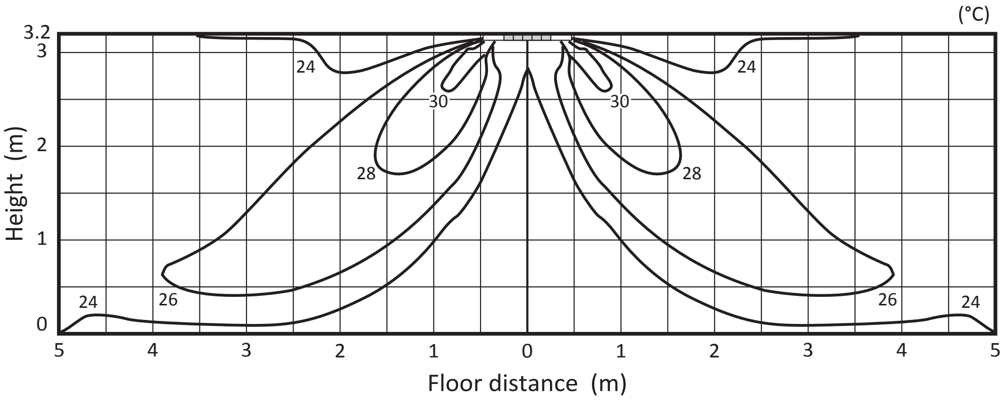
PLA-ZM100EA2

■TEMPERATURE DISTRIBUTION

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

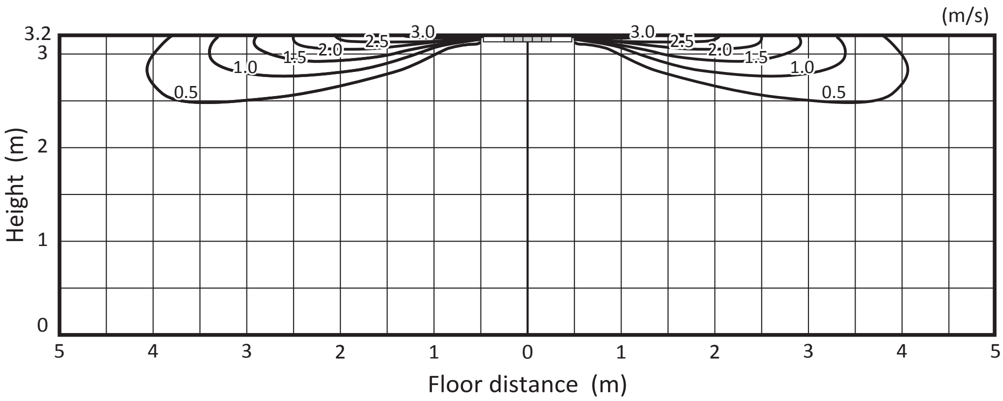


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m

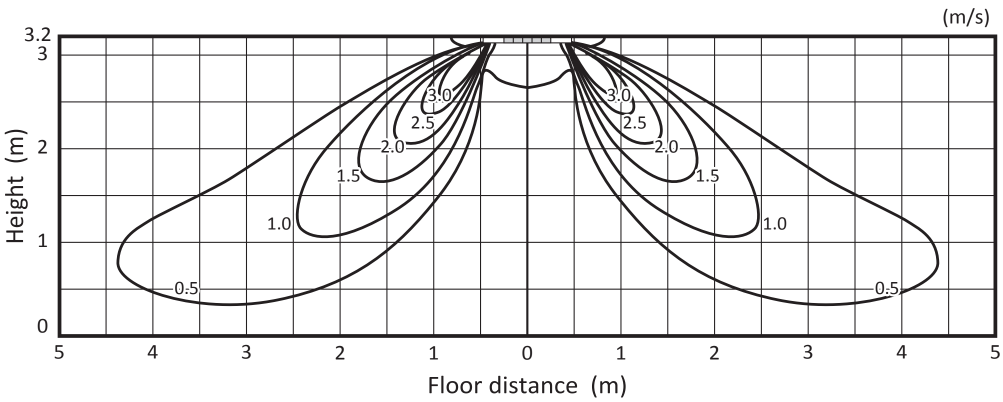


■AIRFLOW DISTRIBUTION

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



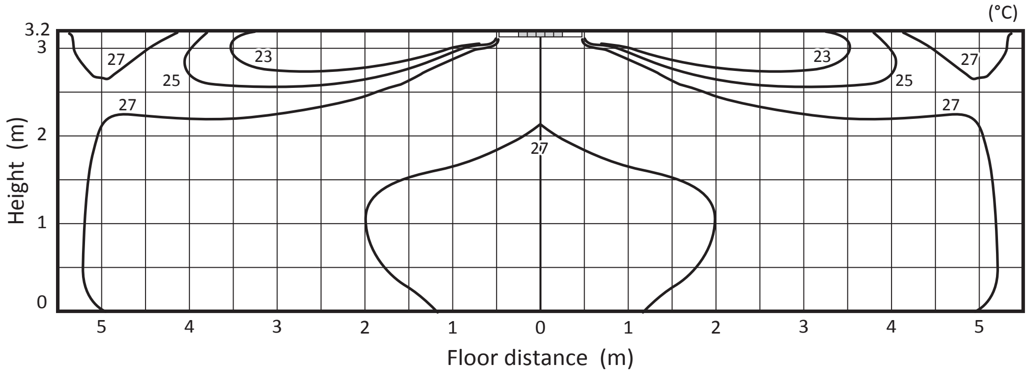
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m



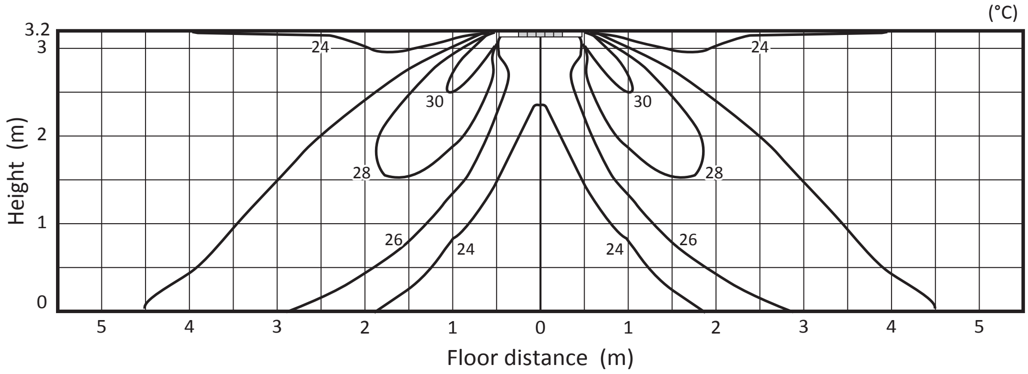
PLA-ZM125EA2

■TEMPERATURE DISTRIBUTION

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

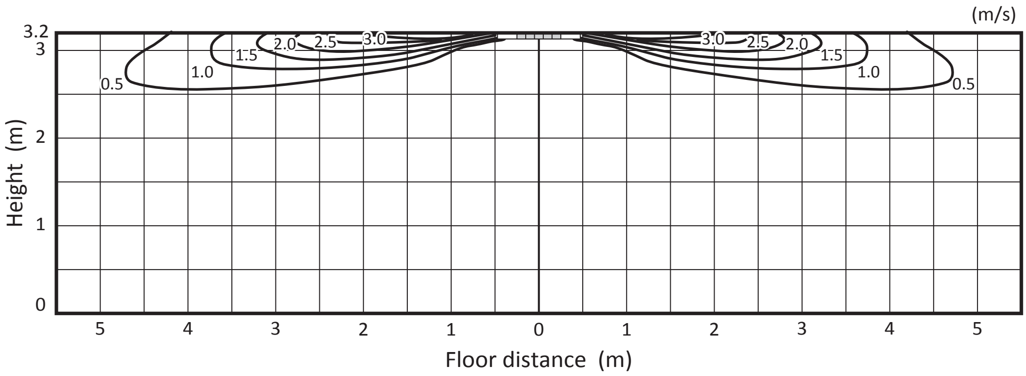


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m

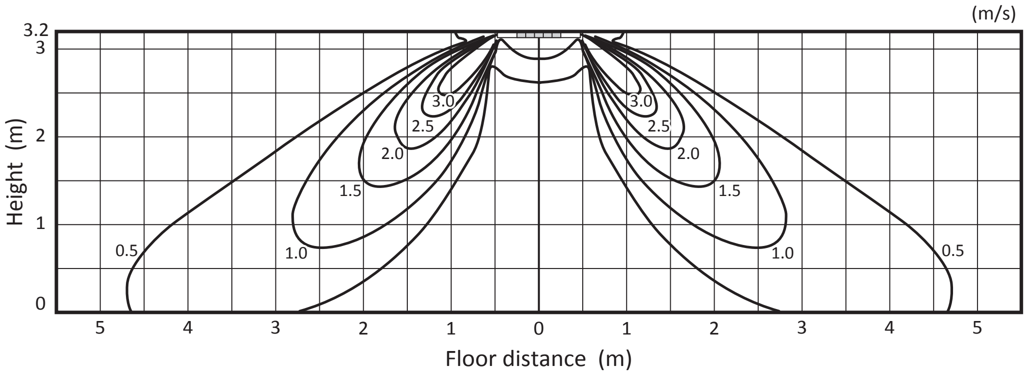


■AIRFLOW DISTRIBUTION

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



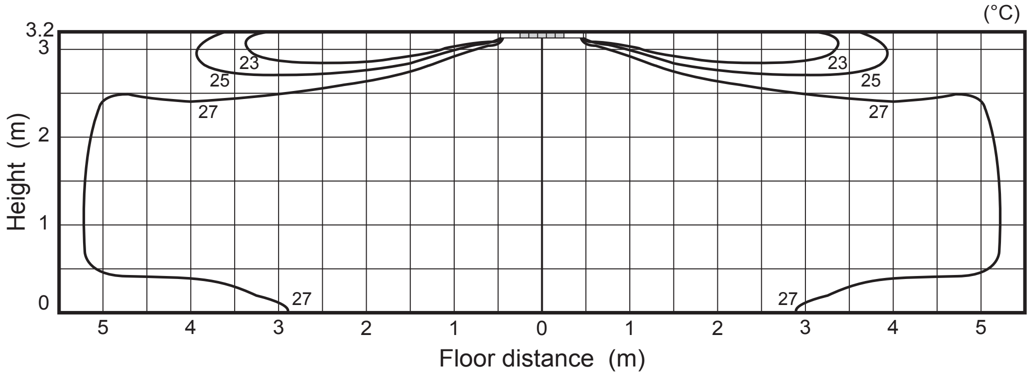
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m



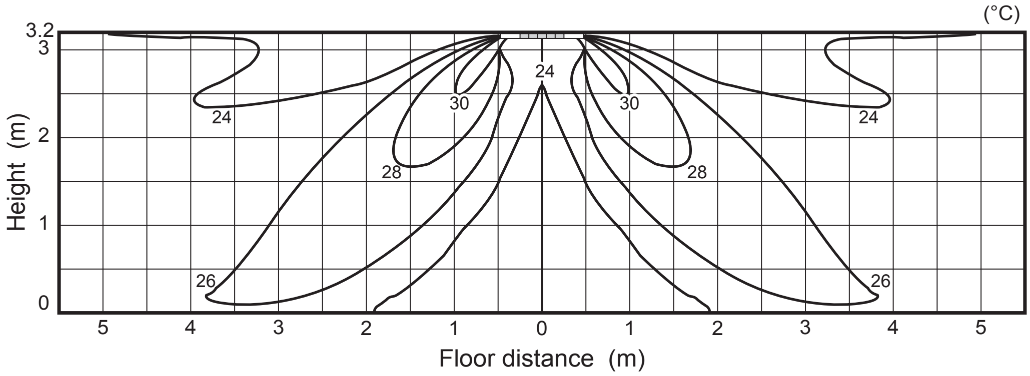
PLA-ZM140EA2

■TEMPERATURE DISTRIBUTION

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

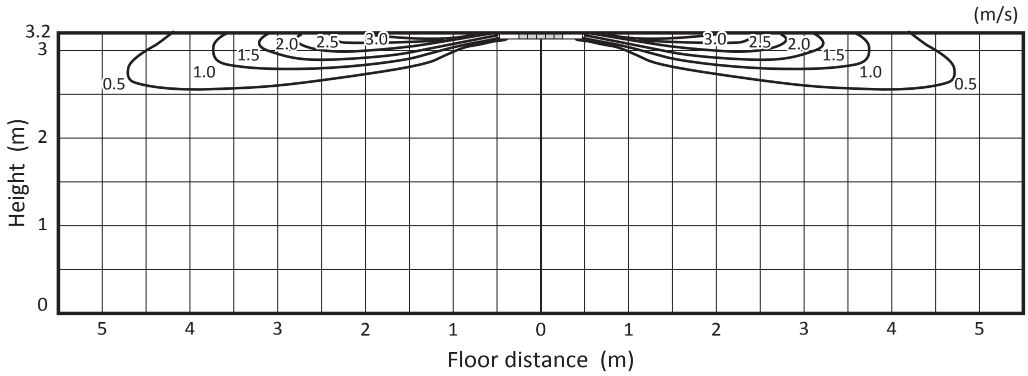


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m

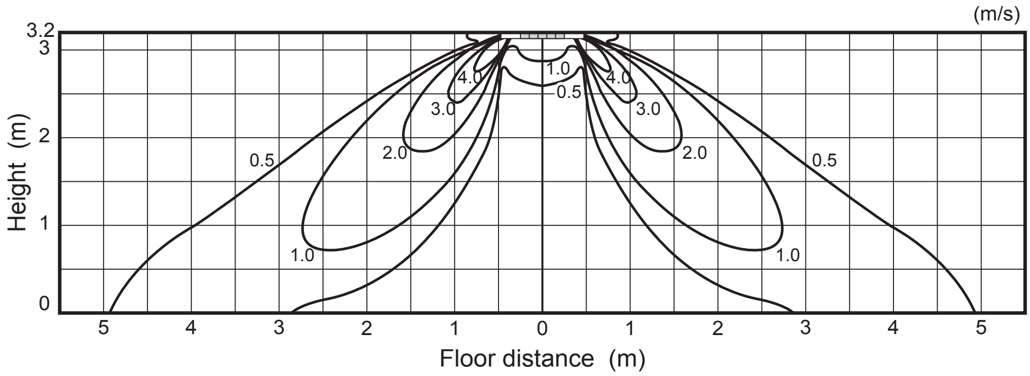


■AIRFLOW DISTRIBUTION

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



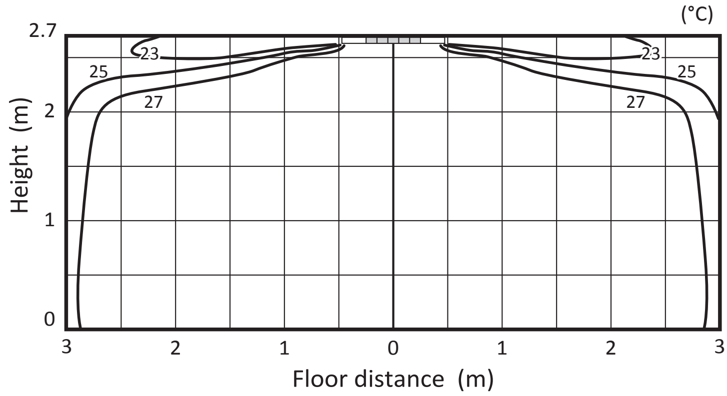
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m



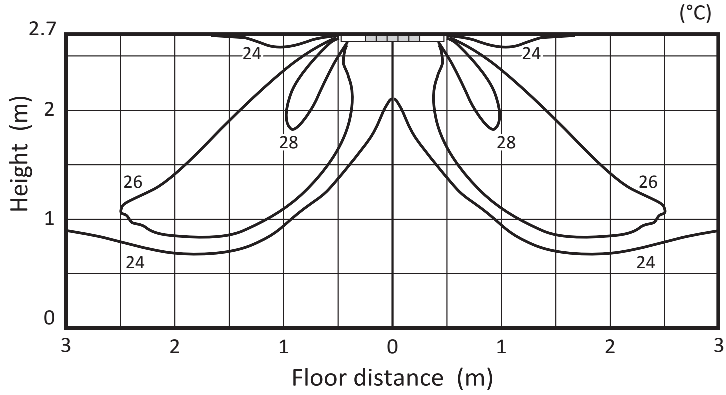
PLA-M35EA2

■TEMPERATURE DISTRIBUTION

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

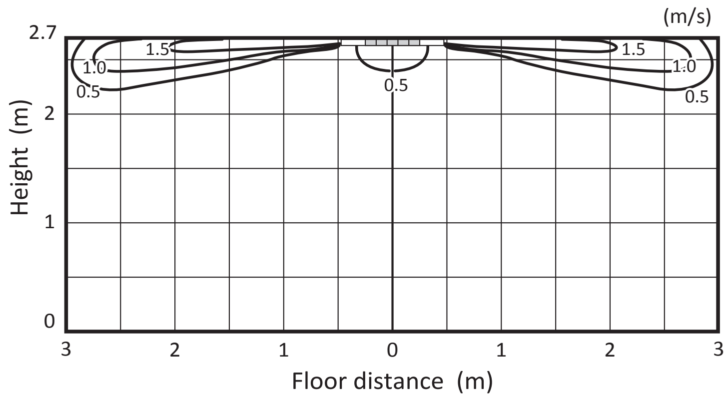


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

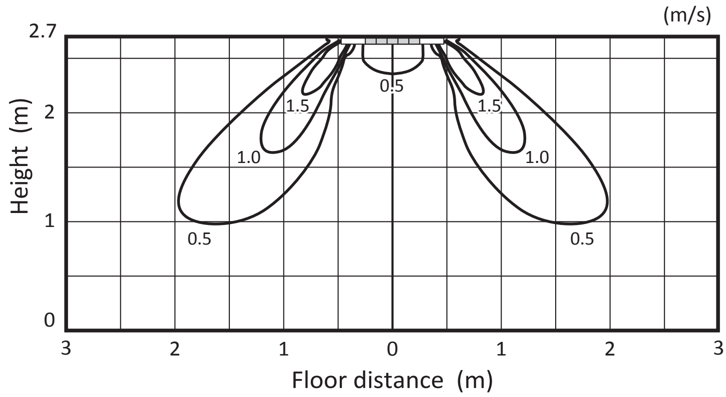


■AIRFLOW DISTRIBUTION

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



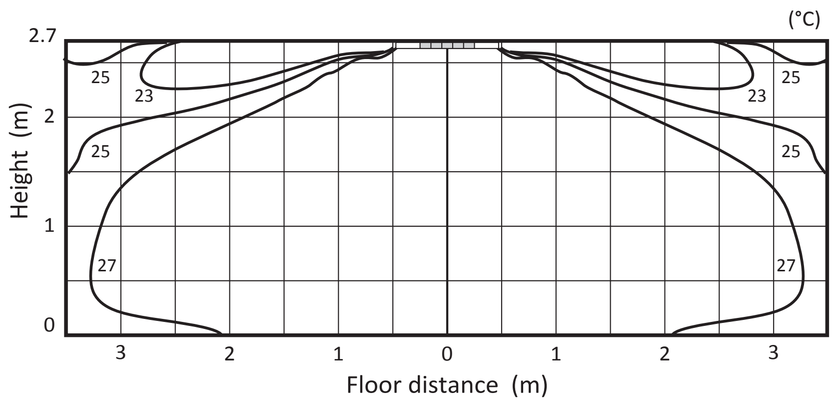
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



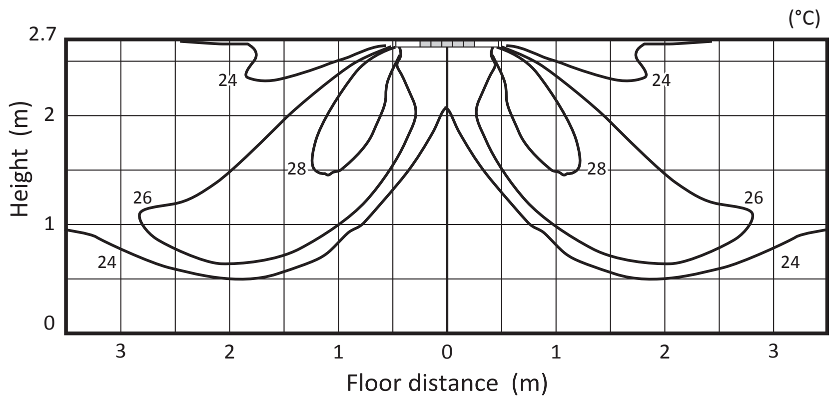
PLA-M50EA2

■TEMPERATURE DISTRIBUTION

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

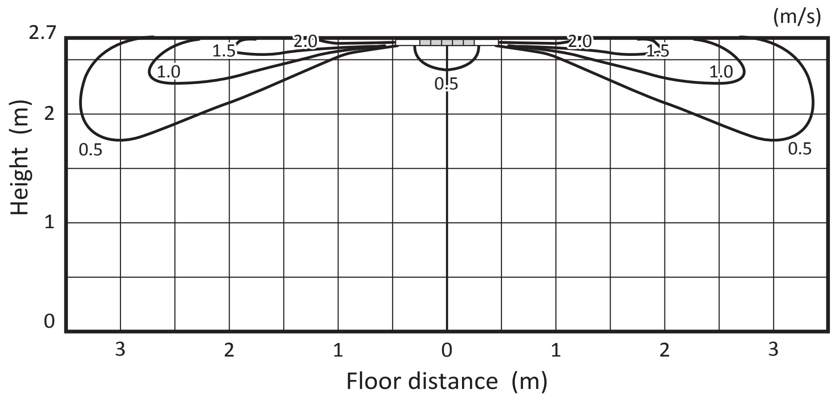


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

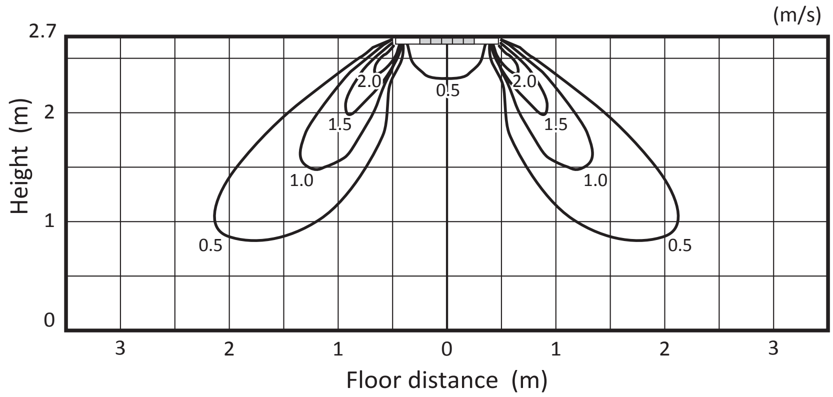


■AIRFLOW DISTRIBUTION

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



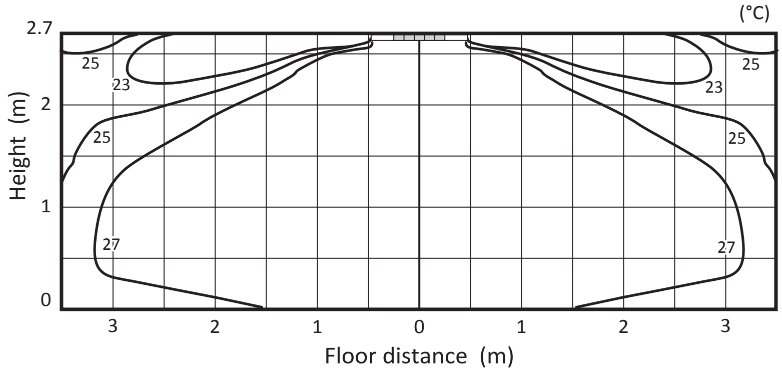
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



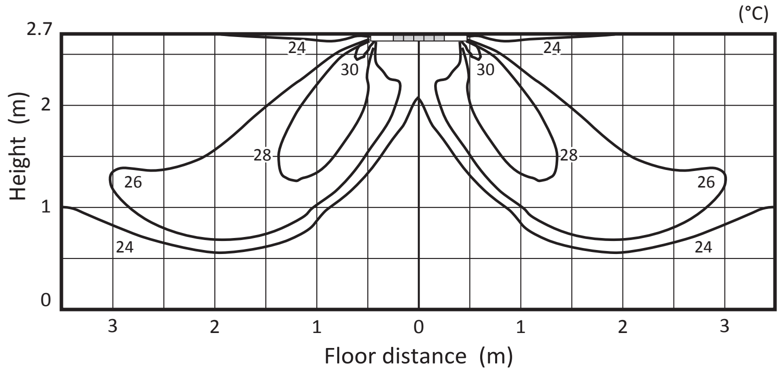
PLA-M60EA2

■TEMPERATURE DISTRIBUTION

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

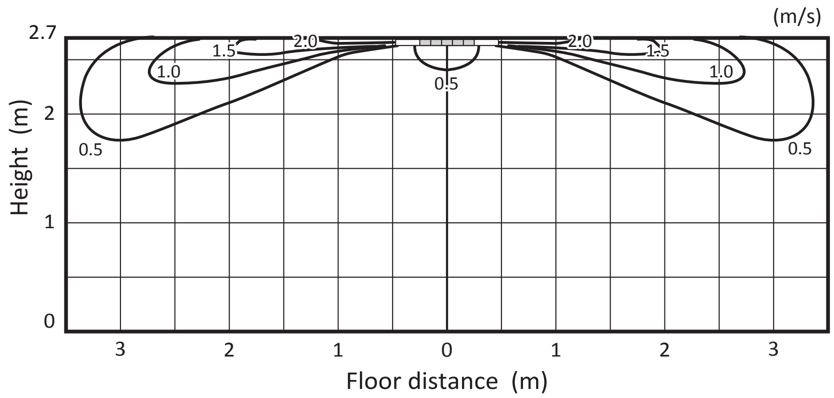


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

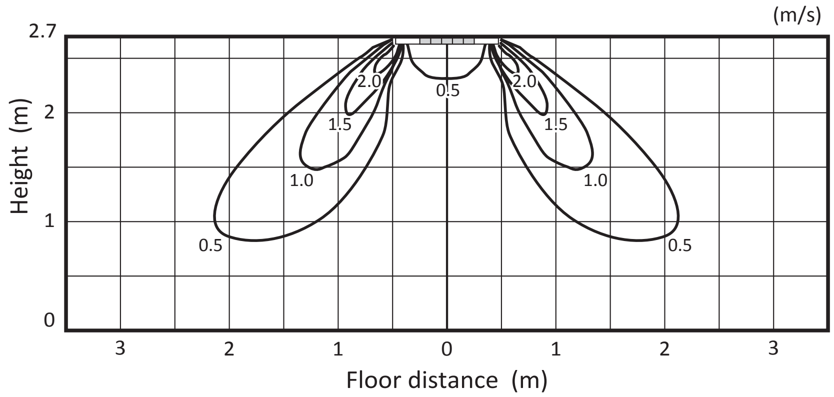


■AIRFLOW DISTRIBUTION

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



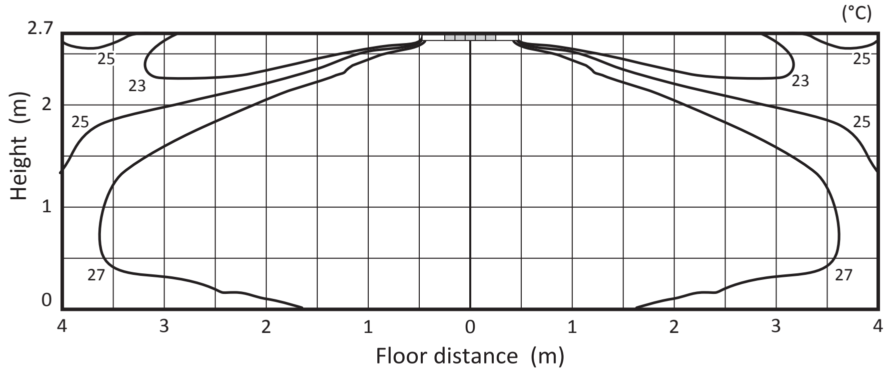
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



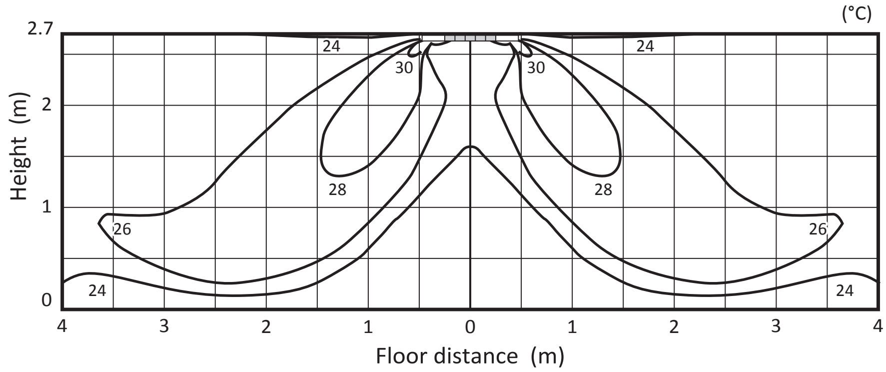
PLA-M71EA2
PLA-SM71EA2

■TEMPERATURE DISTRIBUTION

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

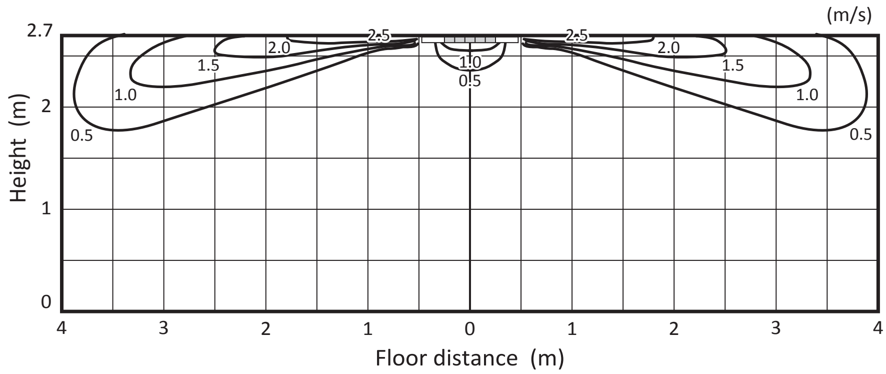


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

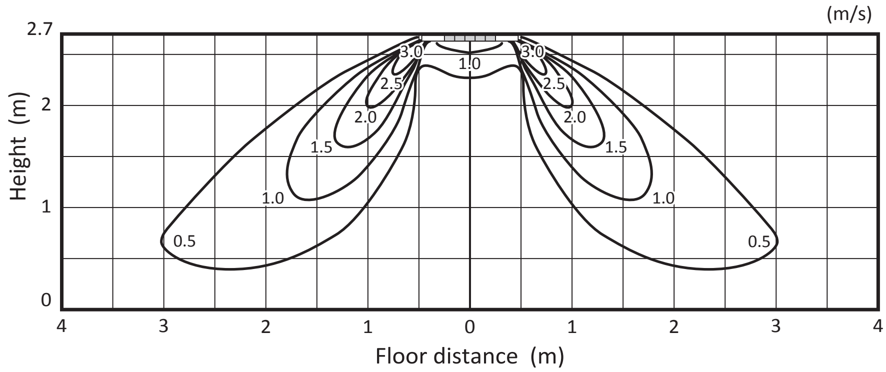


■AIRFLOW DISTRIBUTION

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



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



PLA-M100EA2
PLA-SM100EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
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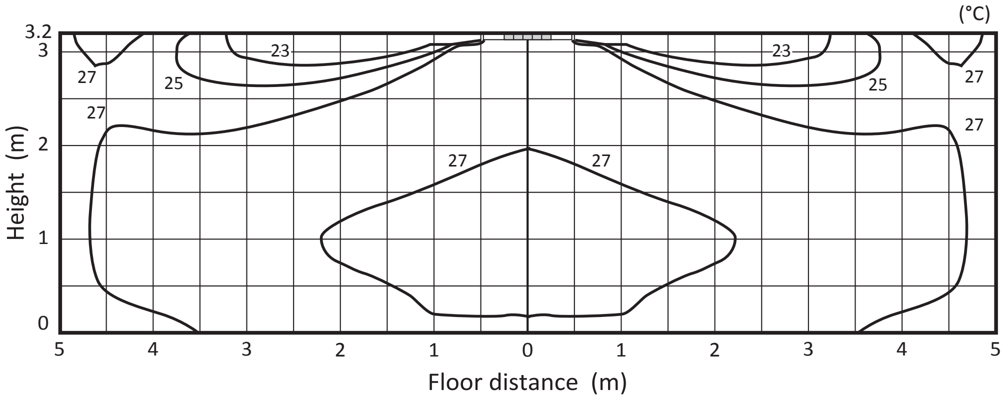
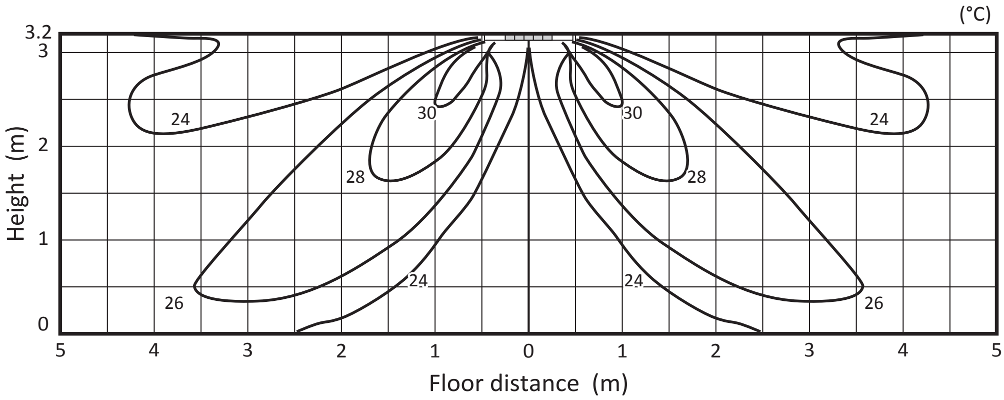
Ceiling height : 2.7m

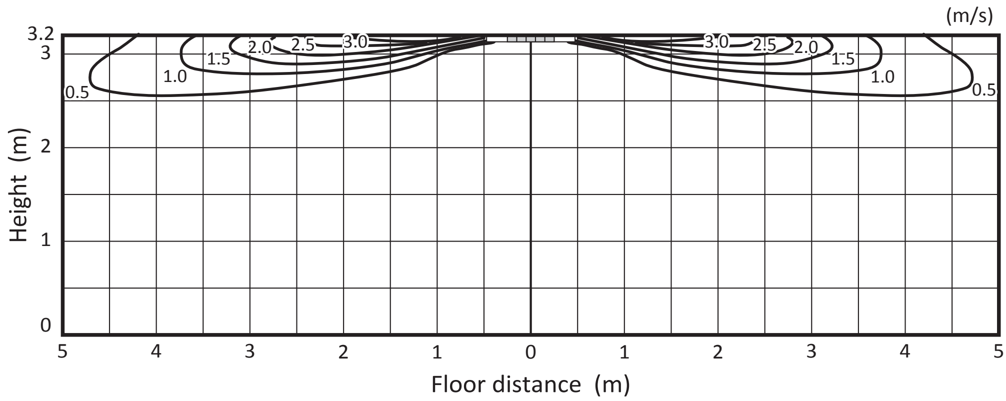


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

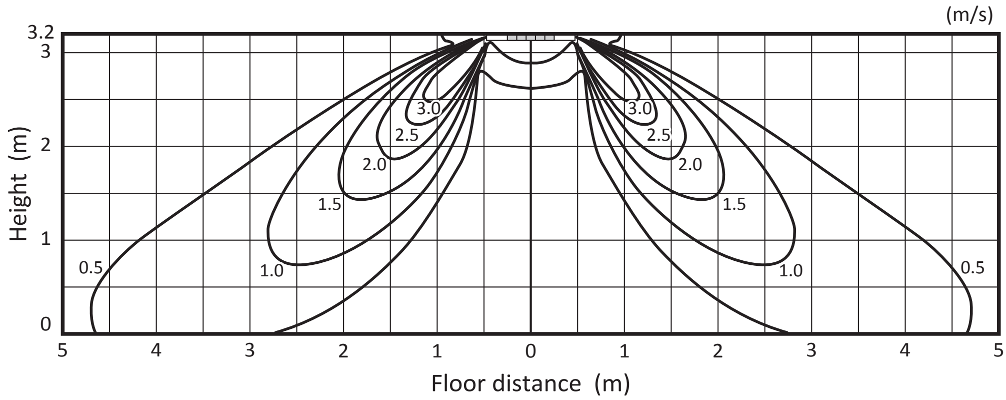


■AIRFLOW DISTRIBUTION

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



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



PLA-M125EA2
PLA-SM125EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
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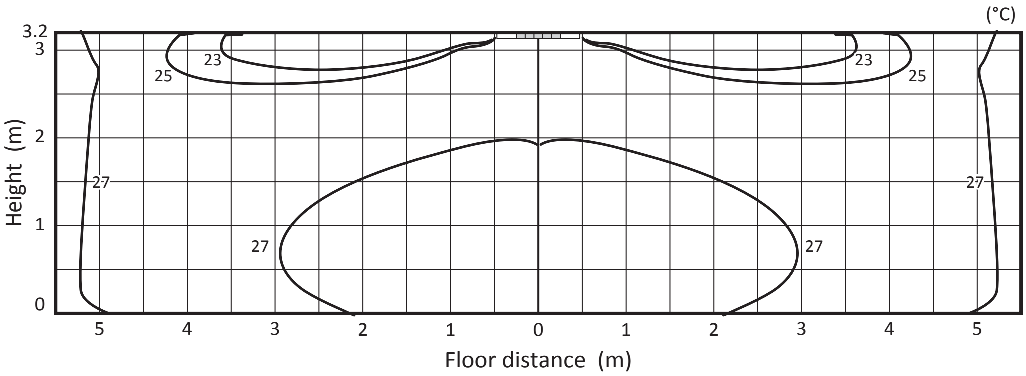
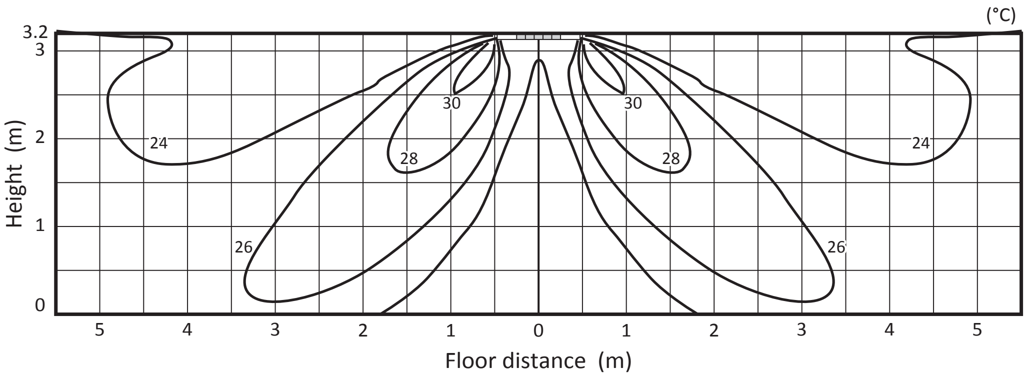
Ceiling height : 2.7m

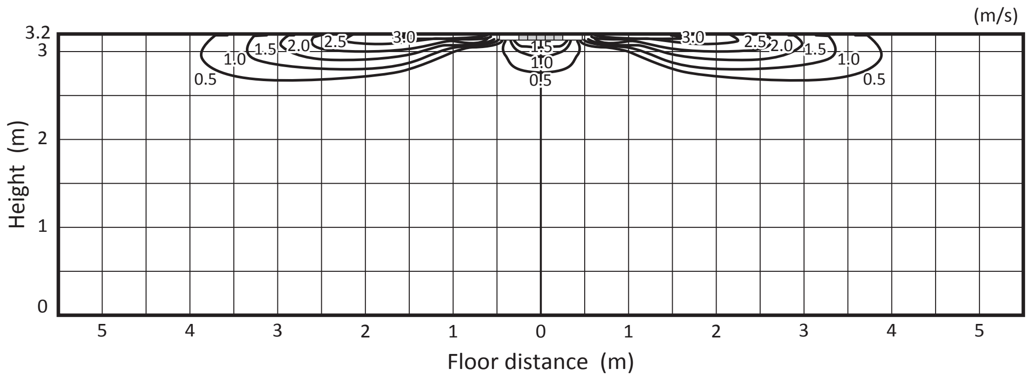


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

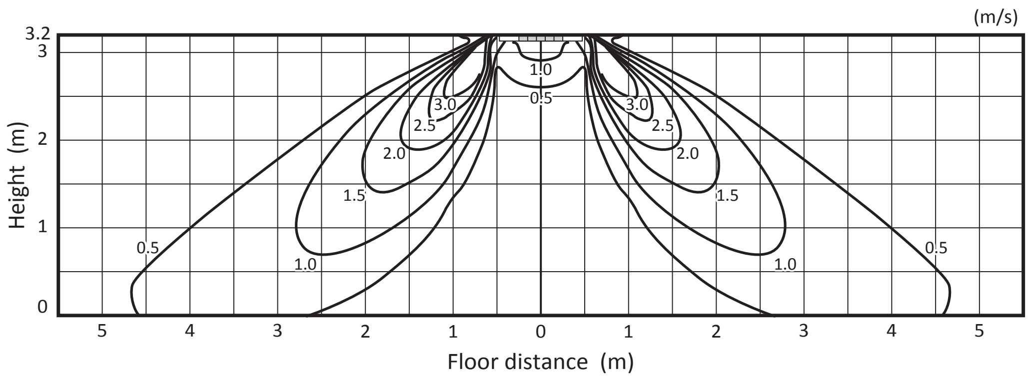


■AIRFLOW DISTRIBUTION

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



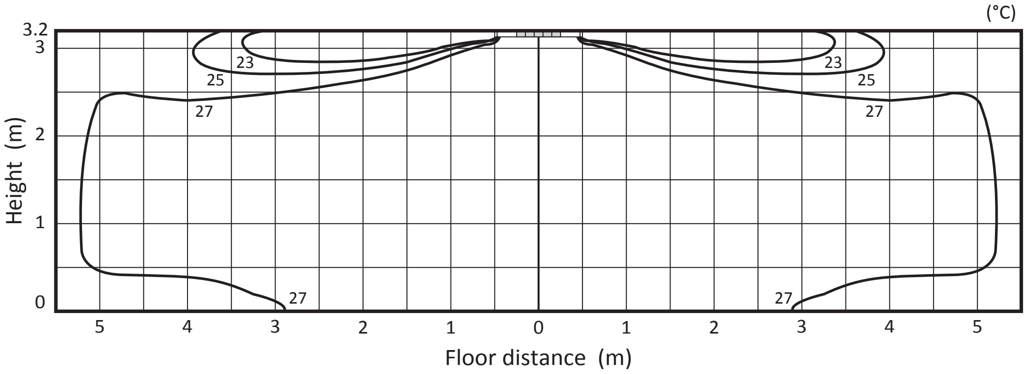
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



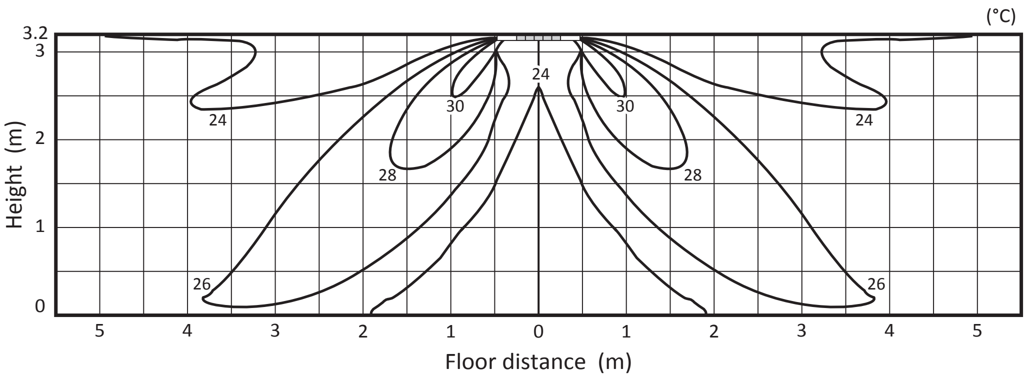
PLA-M140EA2
PLA-SM140EA2

■TEMPERATURE DISTRIBUTION

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

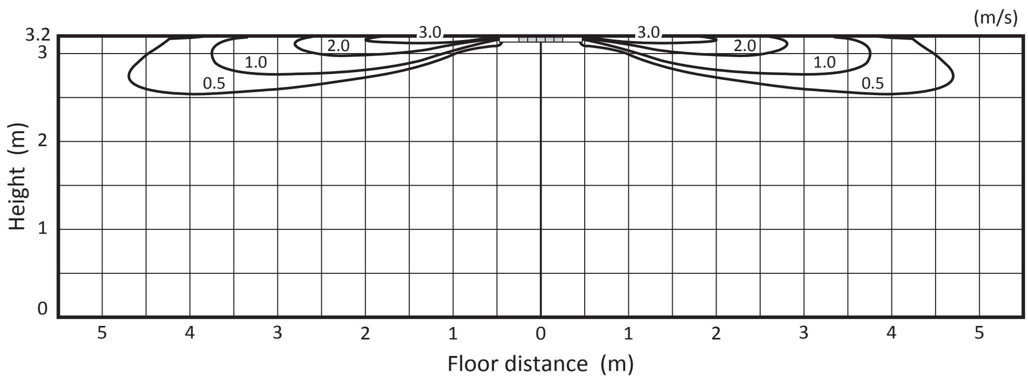


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

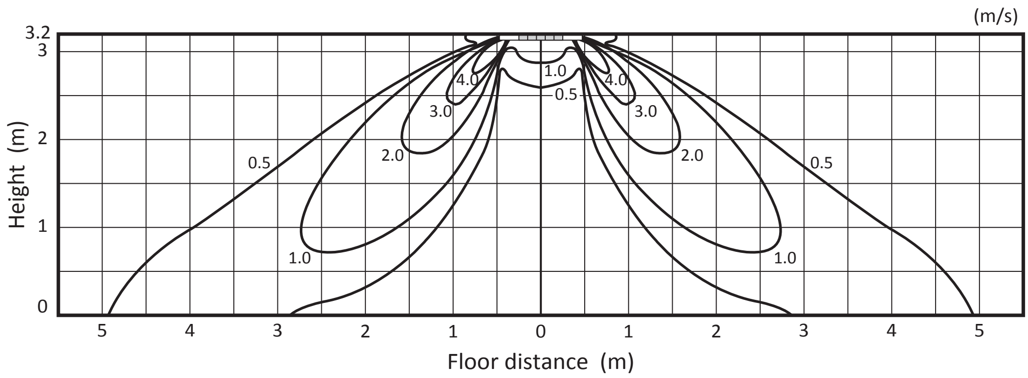


■AIRFLOW DISTRIBUTION

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



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



A.1.9 OUTLET AIR SPEED AND COVERAGE RANGE

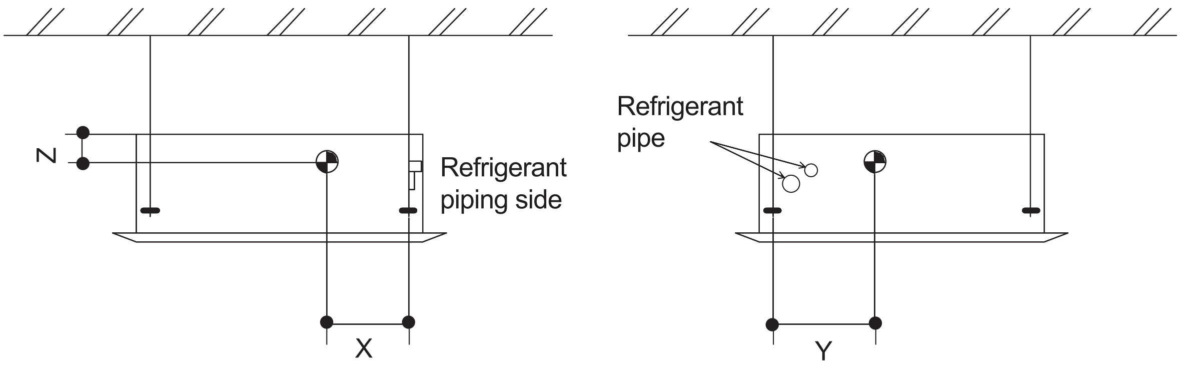
		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM140EA2
Air flow	m^3/min.	16	18	18	23	28	29	32
Air speed	m/sec.	2.5	2.8	2.8	3.6	4.4	4.5	5.0
Coverage range	m	4.1	4.6	4.6	5.8	7.0	7.3	8.0

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

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

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

A.1.10 CENTER OF GRAVITY POSITION



Unit: mm

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

A.2 WALL-MOUNTED (PKA)

A.2.1 SPECIFICATIONS

Model Name	Indoor Unit				PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2
	Outdoor Unit				PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VKA2	PUZ-ZM71VHA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	–	–	–	–
				Phase	–	–	–	–
				Hz	–	–	–	–
Cooling	Capacity	Rated		kW	3.6	4.6	6.1	7.1
		Min.		kW	1.6	2.3	2.7	3.3
		Max.		kW	4.5	5.6	6.7	8.1
	SHF	Rated			0.74	0.66	0.86	0.78
	Total Input	Rated		kW	0.857	1.239	1.560	1.863
	EER				4.20	3.71	3.91	3.81
	Annual Electricity Consumption			kWh/a	194	244	314	365
	SEER				6.5	6.6	6.8	6.8
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	4.1	5.0	7.0	8.0
		Min.		kW	1.6	2.5	2.8	3.5
		Max.		kW	5.2	7.0	8.2	10.2
	Total Input	Rated		kW	1.040	1.344	1.732	2.116
	COP				3.94	3.72	4.04	3.78
	Annual Electricity Consumption			kWh/a	829	1074	1464	1530
	SCOP				4.0	4.3	4.2	4.3
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	13.4	13.4	19.4	19.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05
	Operating Current(max)			A	0.35	0.35	0.43	0.43
	Dimensions	H × W × D		mm	299-898-237	299-898-237	365-1170-295	365-1170-295
	Weight			kg	12.6	12.6	21	21
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45
	Sound Level (PWL)	Cooling		dB(A)	60	60	64	64
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max.Length	Out-In		m	50	50	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-11	-11	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

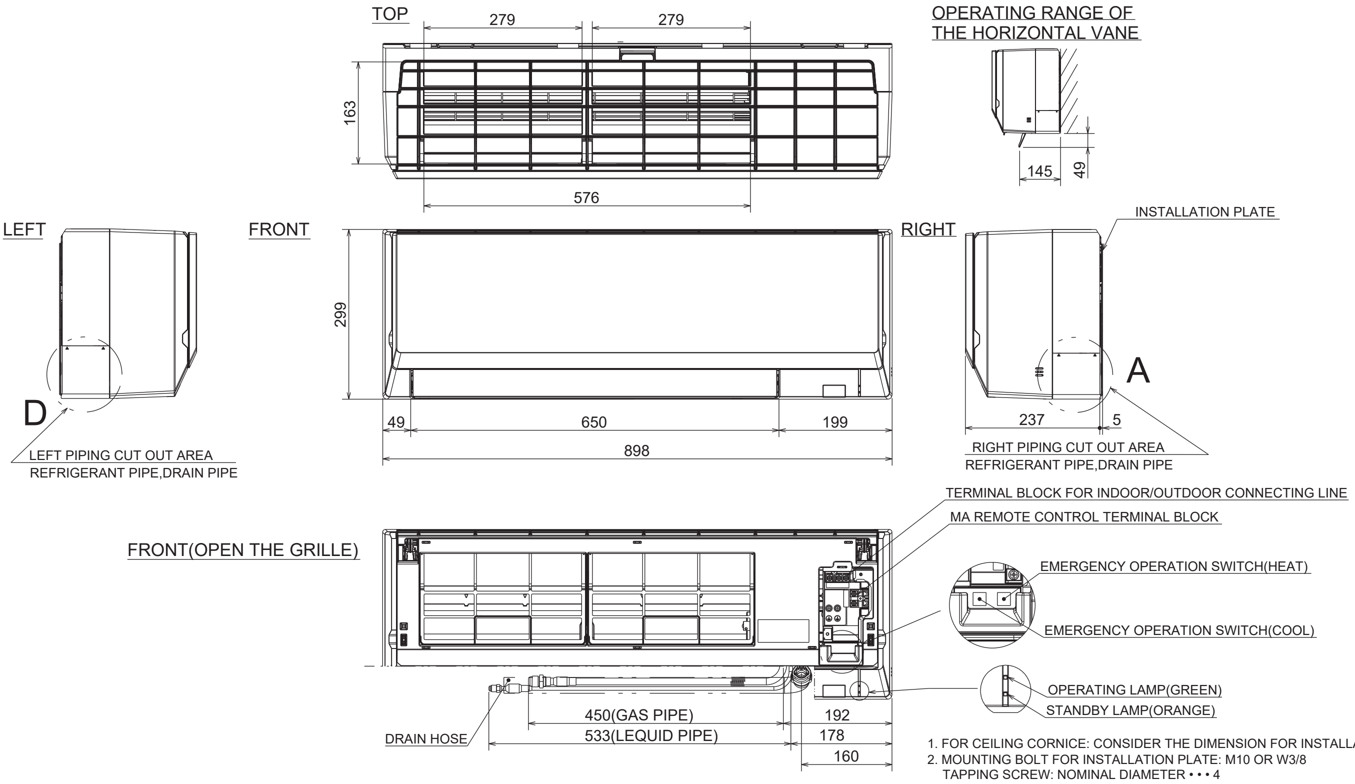
Model Name	Indoor Unit				PKA-M100KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2
	Outdoor Unit				PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-M100VKA2	PUZ-M100YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	9.5	9.5	9.5	9.5
		Min.		kW	4.9	4.9	4.0	4.0
		Max.		kW	11.4	11.4	10.6	10.6
	SHF	Rated			0.73	0.73	0.73	0.73
	Total Input	Rated		kW	2.435	2.435	2.941	2.941
	EER				3.90	3.90	3.23	3.23
	Annual Electricity Consumption			kWh/a	508	519	573	573
	SEER				6.5	6.4	5.8	5.8
		Energy efficiency class			A++	A++	A+	A+
Heating	Capacity	Rated		kW	11.2	11.2	11.2	11.2
		Min.		kW	4.5	4.5	2.8	2.8
		Max.		kW	14.0	14.0	12.5	12.5
	Total Input	Rated		kW	3.102	3.102	3.284	3.284
	COP				3.61	3.61	3.41	3.41
	Annual Electricity Consumption			kWh/a	2477	2478	2780	2780
	SCOP				4.4	4.4	4.0	4.0
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	20.6	8.6	20.6	12.1
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	0.08 / 0.07	0.08 / 0.07	0.08 / 0.07
	Operating Current(max)			A	0.57	0.57	0.57	0.57
	Dimensions	H × W × D		mm	365-1170-295	365-1170-295	365-1170-295	365-1170-295
	Weight			kg	21	21	21	21
	Air Volume	Lo-Mid-Hi		m³/min.	20-23-26	20-23-26	20-23-26	20-23-26
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49	41-45-49	41-45-49	41-45-49
	Sound Level (PWL)	Cooling		dB(A)	65	65	65	65
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	981-1050-330 (+40)	981-1050-330(+40)
	Weight			kg	105	111	76	78
	Air Volume	Cooling	Rated	m³/min.	110	110	79	79
		Heating	Rated	m³/min.	110	110	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	51	51
			Silent	dB(A)	46	46	49	49
		Heating	Rated	dB(A)	51	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	20.0	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	100	100	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-20	-20	-15	-15
			Upper Limit.	℃	+21	+21	+21	+21

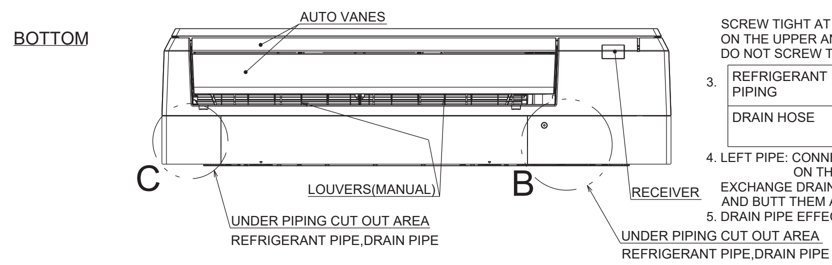
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.2.2 OUTLINES AND DIMENSIONS

Unit: mm

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



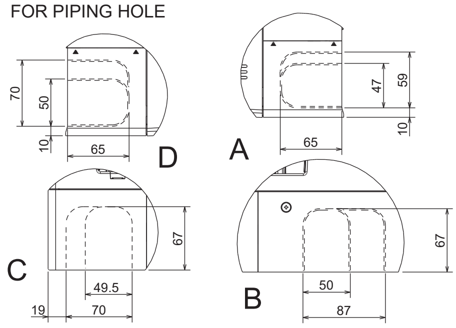


1. FOR CEILING CORNICE: CONSIDER THE DIMENSION FOR INSTALLATION.
2. MOUNTING BOLT FOR INSTALLATION PLATE: M10 OR W3/8
   TAPPING SCREW: NOMINAL DIAMETER • • • 4
   LENGTH • • • 25 MIN
   SCREW TIGHT AT INSTALLATION PLATE HOLE (∅4.3)
   ON THE UPPER AND LOWER SIDE EVENLY.
   DO NOT SCREW TIGHT ONLY IN LINE.
3.

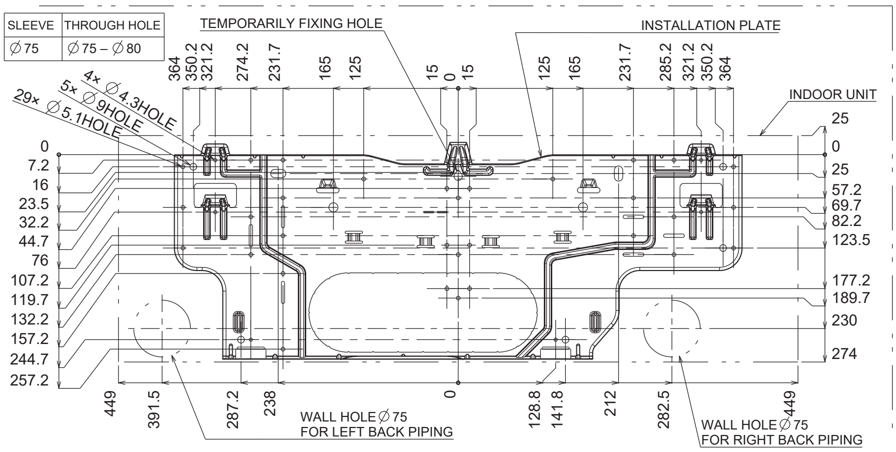
REFRIGERANT PIPING	LEQUID PIPE	∅6.35
	GAS PIPE	∅12.7
DRAIN HOSE	CONNECTION	∅16(I.D)
	INSULATION	∅29(O.D)

4. LEFT PIPE: CONNECT DRAIN HOSE TO CONNECTION PORT ON THE LEFT SIDE OF DRAIN PAN.
   EXCHANGE DRAIN HOSE AND RUBBER CAP AND BUTT THEM AGAINST DRAIN PORT.
5. DRAIN PIPE EFFECTIVE LENGTH • • • 500

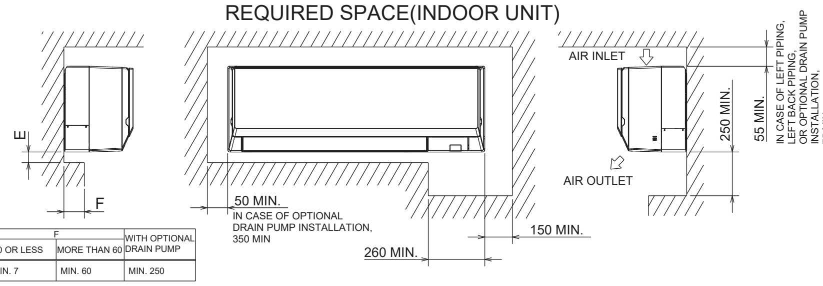
DETAILS OF CUT OUT FOR PIPING HOLE



SLEEVE	THROUGH HOLE
∅75	∅75 – ∅80



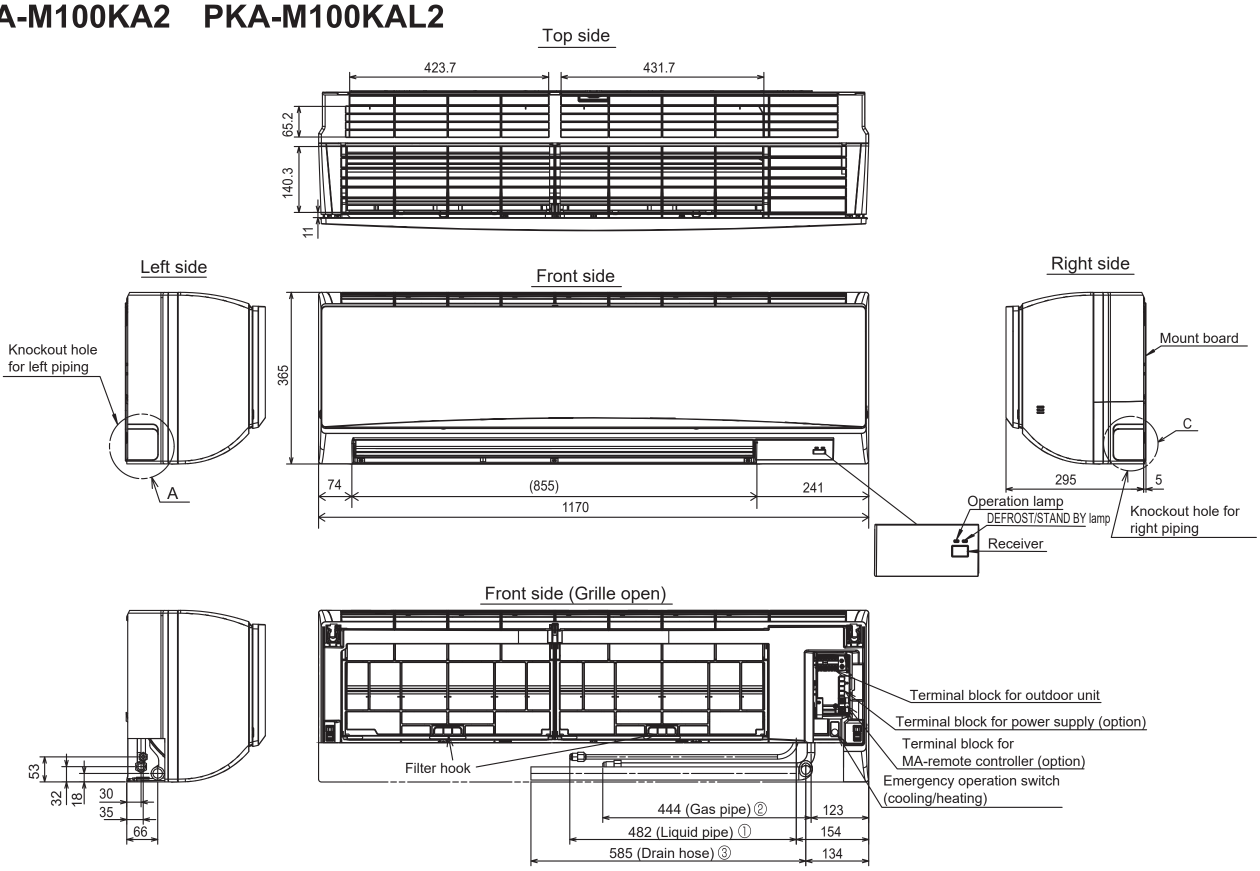
REQUIRED SPACE(INDOOR UNIT)

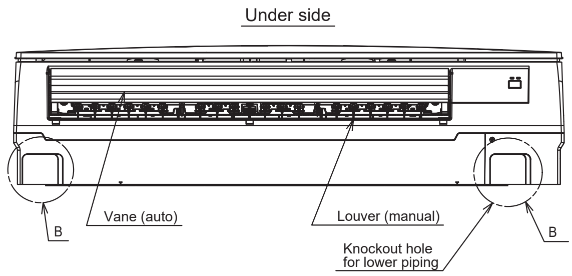


	F		
	60 OR LESS	MORE THAN 60	WITH OPTIONAL DRAIN PUMP
E	MIN. 7	MIN. 60	MIN. 250

Unit: mm

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

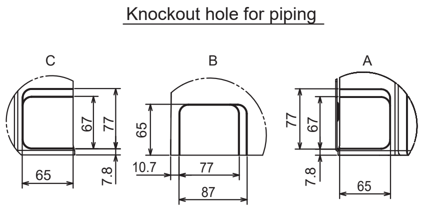


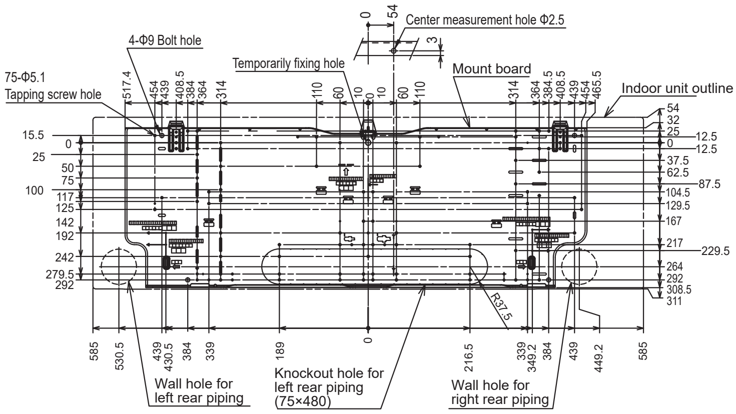


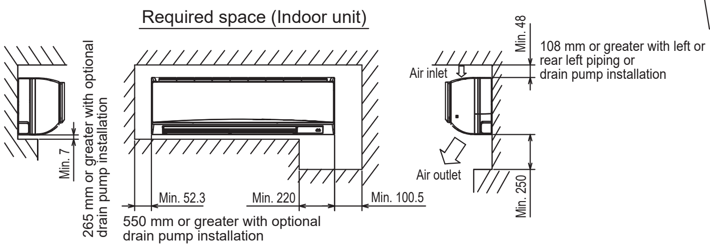
Piping connection department

① Liquid pipe	Refrigerant pipe : ϕ9.52 Flared connection : 3/8F
② Gas pipe	Refrigerant pipe : ϕ15.88 Flared connection : 5/8F
③ Drain hose	ϕ16 O.D

Sleeve (purchased locally)	Through hole
ϕ75	ϕ75~ϕ80







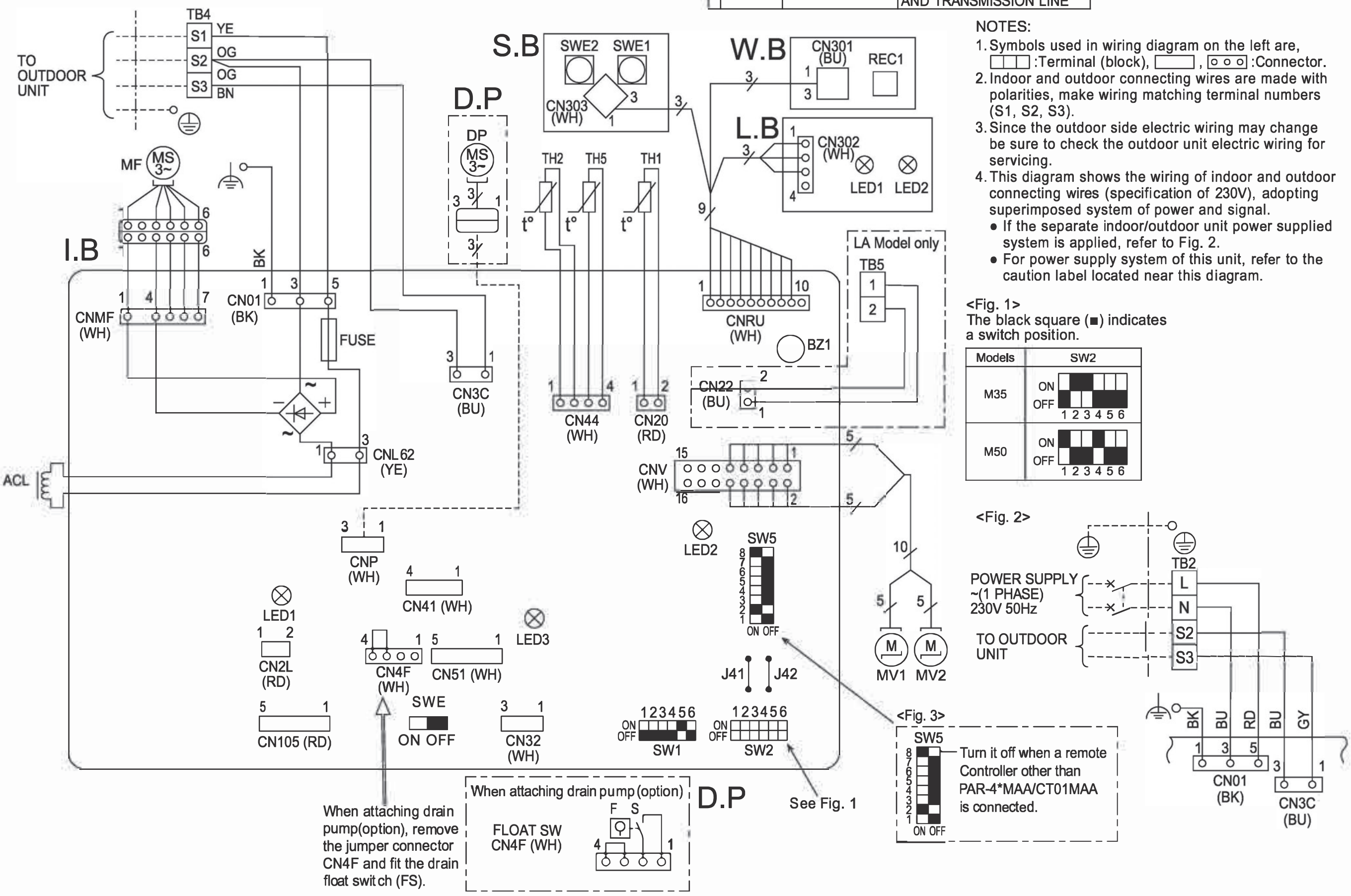
A.2.3 WIRING DIAGRAM

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

[LEGEND]

SYMBOL	NAME	
I.B	INDOOR CONTROLLER BOARD	
BZ1	BUZZER	
CNP	CONNECTOR	DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))
CN2L		LOSSNAY
CN32		REMOTE SWITCH
CN41		HA TERMINAL-A
CN4F		DRAIN FLOAT SWITCH (DRAIN PUMP (OPTION))
CN51		CENTRALLY CONTROL
CN105		IT TERMINAL
FUSE	FUSE (T3.15AL250V)	
LED1	POWER SUPPLY (I.B)	
LED2	POWER SUPPLY (REMOTE CONTROLLER)	
LED3	TRANSMISSION (INDOOR-OUTDOOR)	
SW1	SWITCH	MODEL SELECTION
SW2		CAPACITY CODE
SW5		FUNCTION SETTING
SWE		FAN·DRAIN PUMP (TEST MODE)
MF	FAN MOTOR	
MV1	VANE MOTOR (UPPER)	
MV2	VANE MOTOR (LOWER)	

SYMBOL	NAME	
TB4	TERMINAL BLOCK	INDOOR/OUTDOOR CONNECTING LINE
TB5		REMOTE CONTROLLER
TH1	THERMISTOR	ROOM TEMP. DETECTION (0°C / 15kΩ, 25°C / 5. 4kΩ)
TH2		PIPE TEMP. DETECTION/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ)
TH5		COND. / EVA. TEMP. DETECTION (0°C / 15kΩ, 25°C / 5. 4kΩ)
S.B	SWITCH BOARD	
SWE1	EMERGENCY OPERATION (HEAT)	
SWE2	EMERGENCY OPERATION (COOL)	
W.B	PCB FOR WIRELESS RECEIVER	
REC1	RECEIVING UNIT	
L.B	LED BOARD	
LED1	LED (OPERATION INDICATION : GREEN)	
LED2	LED (PREPARATION FOR HEATING : ORANGE)	
ACL	REACTOR	
OPTION PART		
D.P	DRAIN PUMP KIT	
FS	DRAIN FLOAT SWITCH	
DP	DRAIN PUMP	
TB2	TERMINAL BLOCK	INDOOR UNIT POWER AND TRANSMISSION LINE



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

[Self-diagnosis]

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

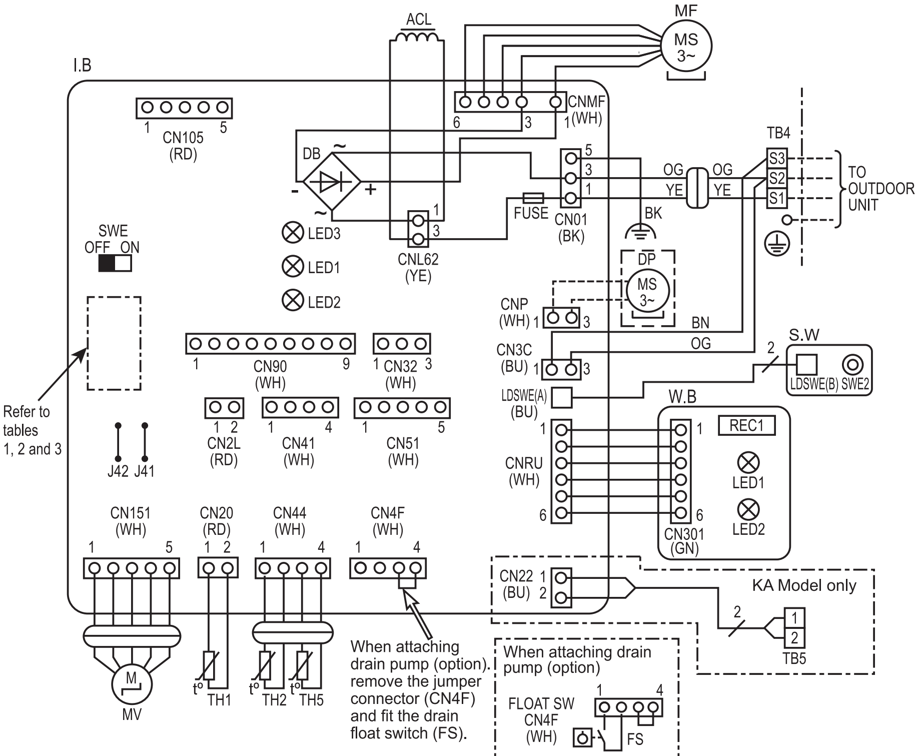
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0~E5	Abnormality of the signal transmission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

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

[LEGEND]

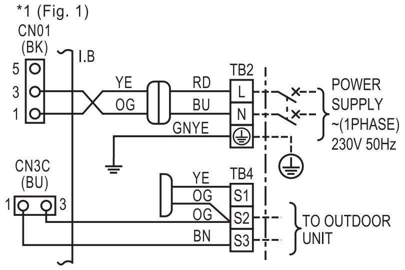
SYMBOL	NAME	
I.B	INDOOR CONTROLLER BOARD	
CNP	DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))	
CN105	CONNECTOR	IT TERMINAL
CN2L		LOSSNAY
CN32		REMOTE SWITCH
CN41		HA TERMINAL-A
CN4F		DRAIN PUMP (OPTION)
CN51		CENTRALLY CONTROL
CN90		REMOTE OPERATION ADAPTER
FUSE	FUSE (T3.15AL250V)	
LED1	POWER SUPPLY (I.B)	
LED2	POWER SUPPLY (REMOTE CONTROLLER)	
LED3	TRANSMISSION (INDOOR-OUTDOOR)	
SW1	SWITCH	MODEL SELECTION * Refer to <table 1>
SW2		CAPACITY CODE * Refer to <table 2>
SW5		FUNCTION SETTING * Refer to <table 3>
SWE		EMERGENCY OPERATION
MV	VANE MOTOR	
MF	FAN MOTOR	

SYMBOL	NAME	
S.W	SWITCH BOARD	
SWE2	EMERGENCY OPERATION	
TB2	TERMINAL BLOCK	INDOOR UNIT POWER (OPTION)
TB4		INDOOR/OUTDOOR CONNECTING LINE
TB5		REMOTE CONTROLLER TRANSMISSION LINE
TH1	THERMISTOR	ROOM TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)
TH2		PIPE TEMP. DETECTION/LIQUID (0°C/15kΩ, 25°C/5.4kΩ)
TH5		COND./EVA. TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)
W.B	PCB FOR WIRELESS REMOTE CONTROLLER	
LED1	LED (OPERATION INDICATION : GREEN)	
LED2	LED (PREPARATION FOR HEATING : ORANGE)	
REC1	RECEIVING UNIT	
ACL	REACTOR	
DP	DRAIN PUMP (OPTION)	
FS	DRAIN FLOAT SWITCH (OPTION)	



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

*1 (Fig. 1)



<Table 1>
SW1
(MODEL SELECTION)

SETTING
1 2 3 4 5 ON OFF

<Table 2>
SW2 (CAPACITY CODE)

The black square (■) indicates a switch position.

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

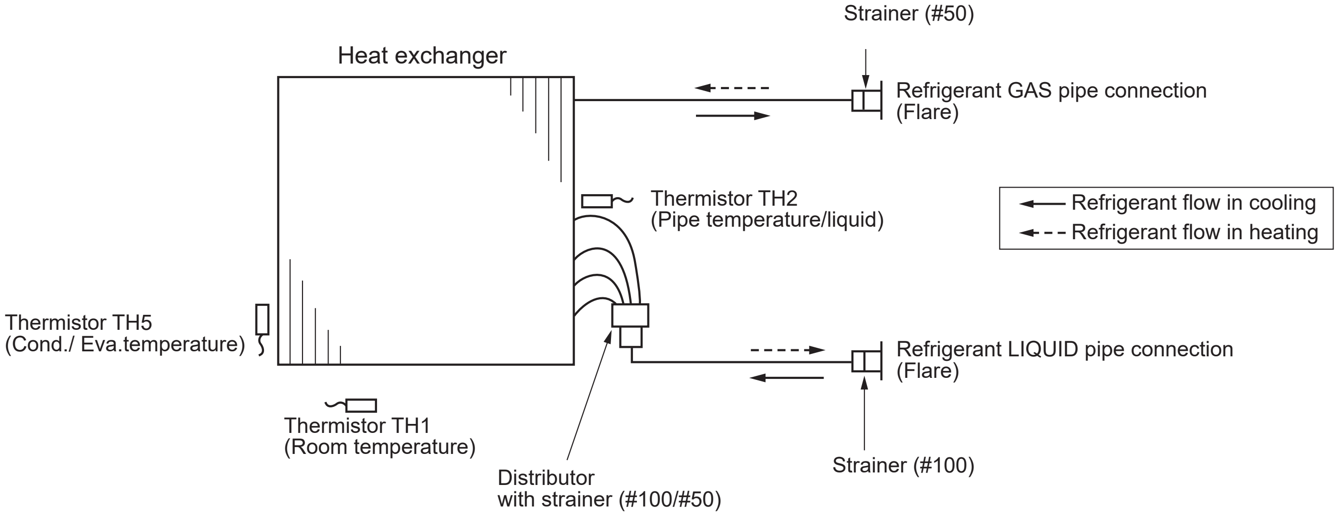
<Table 3>
SW5 (FUNCTION SETTING)

SETTING
1 2 3 4 5 6 7 8 ON OFF

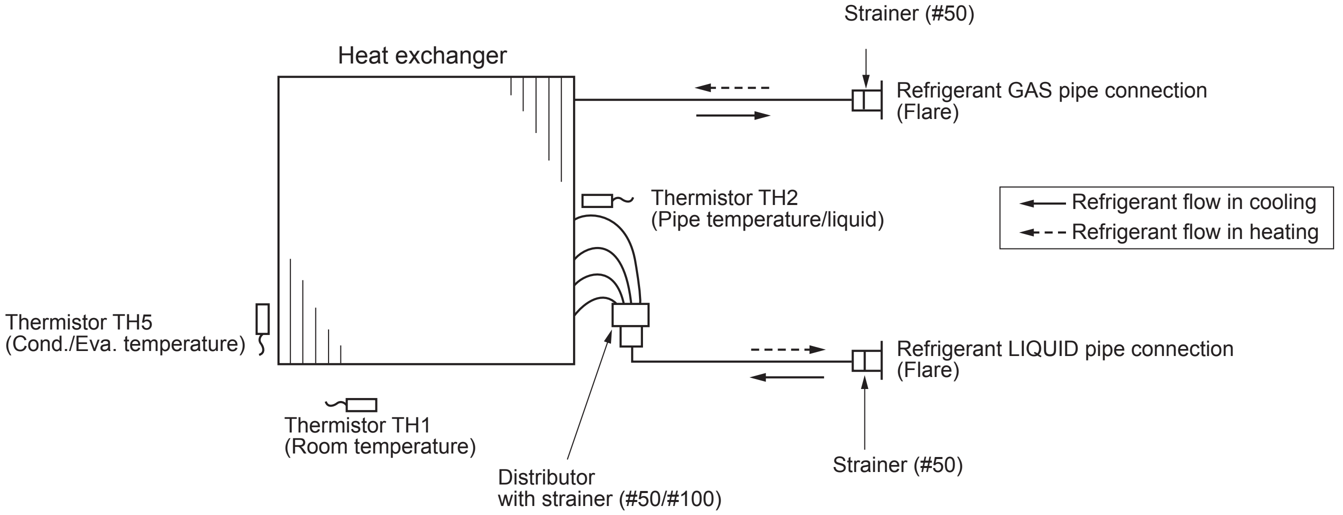
Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.

A.2.4 REFRIGERANT SYSTEM DIAGRAM

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



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



A.2.5 PERFORMANCE DATA

COOLING CAPACITY
PKA-M35LA2 PKA-M35LAL2 / PUZ-ZM35VKA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	2.524	2.423	0.96	0.810	2.447	2.349	0.96	0.879	2.384	2.289	0.96	0.946
14	8	2.549	2.269	0.89	0.812	2.465	2.194	0.89	0.880	2.398	2.134	0.89	0.948
14	9	2.655	2.151	0.81	0.818	2.564	2.077	0.81	0.888	2.489	2.016	0.81	0.957
16	8	2.632	2.527	0.96	0.817	2.553	2.451	0.96	0.887	2.488	2.388	0.96	0.957
16	9	2.675	2.327	0.87	0.820	2.584	2.248	0.87	0.890	2.512	2.185	0.87	0.960
16	11	2.798	2.210	0.79	0.827	2.703	2.135	0.79	0.899	2.623	2.072	0.79	0.970
18	10	2.741	2.604	0.95	0.823	2.661	2.528	0.95	0.896	2.593	2.463	0.95	0.967
18	11	2.809	2.416	0.86	0.827	2.713	2.333	0.86	0.899	2.634	2.265	0.86	0.971
18	12	2.948	2.270	0.77	0.834	2.848	2.193	0.77	0.909	2.763	2.128	0.77	0.983
20	16	3.204	2.051	0.64	0.823	3.060	1.958	0.64	0.883	2.916	1.866	0.64	0.956
20	18	3.456	1.797	0.52	0.844	3.348	1.741	0.52	0.908	3.132	1.629	0.52	0.977
20	20	3.744	1.498	0.40	0.866	3.600	1.440	0.40	0.926	3.384	1.354	0.40	0.994
22	16	3.204	2.307	0.72	0.823	3.060	2.203	0.72	0.883	2.916	2.100	0.72	0.956
22	18	3.456	2.074	0.60	0.844	3.348	2.009	0.60	0.908	3.132	1.879	0.60	0.977
22	20	3.744	1.797	0.48	0.866	3.600	1.728	0.48	0.926	3.384	1.624	0.48	0.994
24	16	3.204	2.563	0.80	0.823	3.060	2.448	0.80	0.883	2.916	2.333	0.80	0.956
24	18	3.456	2.350	0.68	0.844	3.348	2.277	0.68	0.908	3.132	2.130	0.68	0.977
24	20	3.744	2.097	0.56	0.866	3.600	2.016	0.56	0.926	3.384	1.895	0.56	0.994
24	22	4.032	1.774	0.44	0.883	3.888	1.711	0.44	0.951	3.672	1.616	0.44	1.011
26	16	3.204	2.820	0.88	0.823	3.060	2.693	0.88	0.883	2.916	2.566	0.88	0.956
26	18	3.456	2.627	0.76	0.844	3.348	2.544	0.76	0.908	3.132	2.380	0.76	0.977
26	20	3.744	2.396	0.64	0.866	3.600	2.304	0.64	0.926	3.384	2.166	0.64	0.994
26	22	4.032	2.097	0.52	0.883	3.888	2.022	0.52	0.951	3.672	1.909	0.52	1.011
27	16	3.204	2.948	0.92	0.823	3.060	2.815	0.92	0.883	2.916	2.683	0.92	0.956
27	18	3.456	2.765	0.80	0.844	3.348	2.678	0.80	0.908	3.132	2.506	0.80	0.977
27	20	3.744	2.546	0.68	0.866	3.600	2.448	0.68	0.926	3.384	2.301	0.68	0.994
27	22	4.032	2.258	0.56	0.883	3.888	2.177	0.56	0.951	3.672	2.056	0.56	1.011
28	16	3.204	3.076	0.96	0.823	3.060	2.938	0.96	0.883	2.916	2.799	0.96	0.956
28	18	3.456	2.903	0.84	0.844	3.348	2.812	0.84	0.908	3.132	2.631	0.84	0.977
28	20	3.744	2.696	0.72	0.866	3.600	2.592	0.72	0.926	3.384	2.436	0.72	0.994
28	22	4.032	2.419	0.60	0.883	3.888	2.333	0.60	0.951	3.672	2.203	0.60	1.011
30	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
30	18	3.456	3.180	0.92	0.844	3.348	3.080	0.92	0.908	3.132	2.881	0.92	0.977
30	20	3.744	2.995	0.80	0.866	3.600	2.880	0.80	0.926	3.384	2.707	0.80	0.994
30	22	4.032	2.742	0.68	0.883	3.888	2.644	0.68	0.951	3.672	2.497	0.68	1.011
32	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
32	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
32	20	3.744	3.295	0.88	0.866	3.600	3.168	0.88	0.926	3.384	2.978	0.88	0.994
32	22	4.032	3.064	0.76	0.883	3.888	2.955	0.76	0.951	3.672	2.791	0.76	1.011
34	16	3.204	3.204	1.00	0.823	3.060	3.060	1.00	0.883	2.916	2.916	1.00	0.956
34	18	3.456	3.456	1.00	0.844	3.348	3.348	1.00	0.908	3.132	3.132	1.00	0.977
34	20	3.744	3.594	0.96	0.866	3.600	3.456	0.96	0.926	3.384	3.249	0.96	0.994
34	22	4.032	3.387	0.84	0.883	3.888	3.266	0.84	0.951	3.672	3.084	0.84	1.011

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.225	2.838	0.88	1.172	3.127	2.752	0.88	1.270	3.046	2.680	0.88	1.368
14	8	3.257	2.638	0.81	1.174	3.150	2.552	0.81	1.273	3.064	2.482	0.81	1.371
14	9	3.393	2.477	0.73	1.183	3.277	2.392	0.73	1.284	3.181	2.322	0.73	1.384
16	8	3.363	2.959	0.88	1.181	3.262	2.871	0.88	1.283	3.179	2.798	0.88	1.384
16	9	3.418	2.700	0.79	1.185	3.302	2.609	0.79	1.286	3.209	2.535	0.79	1.387
16	11	3.575	2.538	0.71	1.195	3.454	2.452	0.71	1.300	3.352	2.380	0.71	1.403
18	10	3.502	3.047	0.87	1.190	3.400	2.958	0.87	1.295	3.313	2.882	0.87	1.399
18	11	3.589	2.799	0.78	1.196	3.467	2.704	0.78	1.300	3.365	2.625	0.78	1.404
18	12	3.767	2.599	0.69	1.206	3.640	2.512	0.69	1.314	3.531	2.436	0.69	1.421
20	16	4.094	2.293	0.56	1.189	3.910	2.190	0.56	1.276	3.726	2.087	0.56	1.381
20	18	4.416	1.943	0.44	1.220	4.278	1.882	0.44	1.313	4.002	1.761	0.44	1.412
20	20	4.784	1.531	0.32	1.251	4.600	1.472	0.32	1.338	4.324	1.384	0.32	1.437
22	16	4.094	2.620	0.64	1.189	3.910	2.502	0.64	1.276	3.726	2.385	0.64	1.381
22	18	4.416	2.296	0.52	1.220	4.278	2.225	0.52	1.313	4.002	2.081	0.52	1.412
22	20	4.784	1.914	0.40	1.251	4.600	1.840	0.40	1.338	4.324	1.730	0.40	1.437
24	16	4.094	2.948	0.72	1.189	3.910	2.815	0.72	1.276	3.726	2.683	0.72	1.381
24	18	4.416	2.650	0.60	1.220	4.278	2.567	0.60	1.313	4.002	2.401	0.60	1.412
24	20	4.784	2.296	0.48	1.251	4.600	2.208	0.48	1.338	4.324	2.076	0.48	1.437
24	22	5.152	1.855	0.36	1.276	4.968	1.788	0.36	1.375	4.692	1.689	0.36	1.462
26	16	4.094	3.275	0.80	1.189	3.910	3.128	0.80	1.276	3.726	2.981	0.80	1.381
26	18	4.416	3.003	0.68	1.220	4.278	2.909	0.68	1.313	4.002	2.721	0.68	1.412
26	20	4.784	2.679	0.56	1.251	4.600	2.576	0.56	1.338	4.324	2.421	0.56	1.437
26	22	5.152	2.267	0.44	1.276	4.968	2.186	0.44	1.375	4.692	2.064	0.44	1.462
27	16	4.094	3.439	0.84	1.189	3.910	3.284	0.84	1.276	3.726	3.130	0.84	1.381
27	18	4.416	3.180	0.72	1.220	4.278	3.080	0.72	1.313	4.002	2.881	0.72	1.412
27	20	4.784	2.870	0.60	1.251	4.600	2.760	0.60	1.338	4.324	2.594	0.60	1.437
27	22	5.152	2.473	0.48	1.276	4.968	2.385	0.48	1.375	4.692	2.252	0.48	1.462
28	16	4.094	3.603	0.88	1.189	3.910	3.441	0.88	1.276	3.726	3.279	0.88	1.381
28	18	4.416	3.356	0.76	1.220	4.278	3.251	0.76	1.313	4.002	3.042	0.76	1.412
28	20	4.784	3.062	0.64	1.251	4.600	2.944	0.64	1.338	4.324	2.767	0.64	1.437
28	22	5.152	2.679	0.52	1.276	4.968	2.583	0.52	1.375	4.692	2.440	0.52	1.462
30	16	4.094	3.930	0.96	1.189	3.910	3.754	0.96	1.276	3.726	3.577	0.96	1.381
30	18	4.416	3.709	0.84	1.220	4.278	3.594	0.84	1.313	4.002	3.362	0.84	1.412
30	20	4.784	3.444	0.72	1.251	4.600	3.312	0.72	1.338	4.324	3.113	0.72	1.437
30	22	5.152	3.091	0.60	1.276	4.968	2.981	0.60	1.375	4.692	2.815	0.60	1.462
32	16	4.094	4.094	1.00	1.189	3.910	3.910	1.00	1.276	3.726	3.726	1.00	1.381
32	18	4.416	4.063	0.92	1.220	4.278	3.936	0.92	1.313	4.002	3.682	0.92	1.412
32	20	4.784	3.827	0.80	1.251	4.600	3.680	0.80	1.338	4.324	3.459	0.80	1.437
32	22	5.152	3.503	0.68	1.276	4.968	3.378	0.68	1.375	4.692	3.191	0.68	1.462
34	16	4.094	4.094	1.00	1.189	3.910	3.910	1.00	1.276	3.726	3.726	1.00	1.381
34	18	4.416	4.416	1.00	1.220	4.278	4.278	1.00	1.313	4.002	4.002	1.00	1.412
34	20	4.784	4.210	0.88	1.251	4.600	4.048	0.88	1.338	4.324	3.805	0.88	1.437
34	22	5.152	3.916	0.76	1.276	4.968	3.776	0.76	1.375	4.692	3.566	0.76	1.462

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.475	4.147	4.147	1.00	1.600	4.040	4.040	1.00	1.723
14	8	4.319	4.319	1.00	1.478	4.177	4.177	1.00	1.602	4.063	4.063	1.00	1.726
14	9	4.499	4.184	0.93	1.490	4.345	4.041	0.93	1.617	4.218	3.923	0.93	1.743
16	8	4.459	4.459	1.00	1.487	4.326	4.326	1.00	1.615	4.215	4.215	1.00	1.742
16	9	4.533	4.488	0.99	1.492	4.379	4.335	0.99	1.620	4.256	4.213	0.99	1.747
16	11	4.741	4.314	0.91	1.505	4.580	4.168	0.91	1.636	4.445	4.045	0.91	1.766
18	10	4.645	4.645	1.00	1.499	4.508	4.508	1.00	1.631	4.394	4.394	1.00	1.761
18	11	4.760	4.665	0.98	1.506	4.598	4.506	0.98	1.637	4.463	4.374	0.98	1.768
18	12	4.995	4.446	0.89	1.518	4.826	4.295	0.89	1.655	4.682	4.167	0.89	1.789
20	16	5.429	4.126	0.76	1.498	5.185	3.941	0.76	1.607	4.941	3.755	0.76	1.739
20	18	5.856	3.748	0.64	1.537	5.673	3.631	0.64	1.654	5.307	3.396	0.64	1.778
20	20	6.344	3.299	0.52	1.576	6.100	3.172	0.52	1.685	5.734	2.982	0.52	1.810
22	16	5.429	4.560	0.84	1.498	5.185	4.355	0.84	1.607	4.941	4.150	0.84	1.739
22	18	5.856	4.216	0.72	1.537	5.673	4.085	0.72	1.654	5.307	3.821	0.72	1.778
22	20	6.344	3.806	0.60	1.576	6.100	3.660	0.60	1.685	5.734	3.440	0.60	1.810
24	16	5.429	4.995	0.92	1.498	5.185	4.770	0.92	1.607	4.941	4.546	0.92	1.739
24	18	5.856	4.685	0.80	1.537	5.673	4.538	0.80	1.654	5.307	4.246	0.80	1.778
24	20	6.344	4.314	0.68	1.576	6.100	4.148	0.68	1.685	5.734	3.899	0.68	1.810
24	22	6.832	3.826	0.56	1.607	6.588	3.689	0.56	1.732	6.222	3.484	0.56	1.841
26	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
26	18	5.856	5.153	0.88	1.537	5.673	4.992	0.88	1.654	5.307	4.670	0.88	1.778
26	20	6.344	4.821	0.76	1.576	6.100	4.636	0.76	1.685	5.734	4.358	0.76	1.810
26	22	6.832	4.372	0.64	1.607	6.588	4.216	0.64	1.732	6.222	3.982	0.64	1.841
27	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
27	18	5.856	5.388	0.92	1.537	5.673	5.219	0.92	1.654	5.307	4.882	0.92	1.778
27	20	6.344	5.075	0.80	1.576	6.100	4.880	0.80	1.685	5.734	4.587	0.80	1.810
27	22	6.832	4.646	0.68	1.607	6.588	4.480	0.68	1.732	6.222	4.231	0.68	1.841
28	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
28	18	5.856	5.622	0.96	1.537	5.673	5.446	0.96	1.654	5.307	5.095	0.96	1.778
28	20	6.344	5.329	0.84	1.576	6.100	5.124	0.84	1.685	5.734	4.817	0.84	1.810
28	22	6.832	4.919	0.72	1.607	6.588	4.743	0.72	1.732	6.222	4.480	0.72	1.841
30	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
30	18	5.856	5.856	1.00	1.537	5.673	5.673	1.00	1.654	5.307	5.307	1.00	1.778
30	20	6.344	5.836	0.92	1.576	6.100	5.612	0.92	1.685	5.734	5.275	0.92	1.810
30	22	6.832	5.466	0.80	1.607	6.588	5.270	0.80	1.732	6.222	4.978	0.80	1.841
32	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
32	18	5.856	5.856	1.00	1.537	5.673	5.673	1.00	1.654	5.307	5.307	1.00	1.778
32	20	6.344	6.344	1.00	1.576	6.100	6.100	1.00	1.685	5.734	5.734	1.00	1.810
32	22	6.832	6.012	0.88	1.607	6.588	5.797	0.88	1.732	6.222	5.475	0.88	1.841
34	16	5.429	5.429	1.00	1.498	5.185	5.185	1.00	1.607	4.941	4.941	1.00	1.739
34	18	5.856	5.856	1.00	1.537	5.673	5.673	1.00	1.654	5.307	5.307	1.00	1.778
34	20	6.344	6.344	1.00	1.576	6.100	6.100	1.00	1.685	5.734	5.734	1.00	1.810
34	22	6.832	6.559	0.96	1.607	6.588	6.324	0.96	1.732	6.222	5.973	0.96	1.841

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.978	1.00	1.762	4.827	4.827	1.00	1.910	4.702	4.702	1.00	2.057
14	8	5.027	4.675	0.93	1.765	4.862	4.522	0.93	1.914	4.729	4.398	0.93	2.061
14	9	5.237	4.451	0.85	1.779	5.057	4.298	0.85	1.931	4.909	4.173	0.85	2.081
16	8	5.190	5.190	1.00	1.776	5.035	5.035	1.00	1.929	4.906	4.906	1.00	2.081
16	9	5.276	4.801	0.91	1.782	5.096	4.637	0.91	1.934	4.953	4.507	0.91	2.086
16	11	5.519	4.581	0.83	1.797	5.331	4.425	0.83	1.954	5.173	4.294	0.83	2.109
18	10	5.406	5.352	0.99	1.790	5.247	5.195	0.99	1.947	5.114	5.063	0.99	2.103
18	11	5.540	4.986	0.90	1.798	5.352	4.817	0.90	1.955	5.194	4.675	0.90	2.112
18	12	5.814	4.709	0.81	1.813	5.618	4.551	0.81	1.976	5.450	4.415	0.81	2.137
20	16	6.319	4.297	0.68	1.788	6.035	4.104	0.68	1.919	5.751	3.911	0.68	2.077
20	18	6.816	3.817	0.56	1.835	6.603	3.698	0.56	1.975	6.177	3.459	0.56	2.124
20	20	7.384	3.249	0.44	1.882	7.100	3.124	0.44	2.012	6.674	2.937	0.44	2.161
22	16	6.319	4.802	0.76	1.788	6.035	4.587	0.76	1.919	5.751	4.371	0.76	2.077
22	18	6.816	4.362	0.64	1.835	6.603	4.226	0.64	1.975	6.177	3.953	0.64	2.124
22	20	7.384	3.840	0.52	1.882	7.100	3.692	0.52	2.012	6.674	3.470	0.52	2.161
24	16	6.319	5.308	0.84	1.788	6.035	5.069	0.84	1.919	5.751	4.831	0.84	2.077
24	18	6.816	4.908	0.72	1.835	6.603	4.754	0.72	1.975	6.177	4.447	0.72	2.124
24	20	7.384	4.430	0.60	1.882	7.100	4.260	0.60	2.012	6.674	4.004	0.60	2.161
24	22	7.952	3.817	0.48	1.919	7.668	3.681	0.48	2.068	7.242	3.476	0.48	2.198
26	16	6.319	5.813	0.92	1.788	6.035	5.552	0.92	1.919	5.751	5.291	0.92	2.077
26	18	6.816	5.453	0.80	1.835	6.603	5.282	0.80	1.975	6.177	4.942	0.80	2.124
26	20	7.384	5.021	0.68	1.882	7.100	4.828	0.68	2.012	6.674	4.538	0.68	2.161
26	22	7.952	4.453	0.56	1.919	7.668	4.294	0.56	2.068	7.242	4.056	0.56	2.198
27	16	6.319	6.066	0.96	1.788	6.035	5.794	0.96	1.919	5.751	5.521	0.96	2.077
27	18	6.816	5.725	0.84	1.835	6.603	5.547	0.84	1.975	6.177	5.189	0.84	2.124
27	20	7.384	5.316	0.72	1.882	7.100	5.112	0.72	2.012	6.674	4.805	0.72	2.161
27	22	7.952	4.771	0.60	1.919	7.668	4.601	0.60	2.068	7.242	4.345	0.60	2.198
28	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
28	18	6.816	5.998	0.88	1.835	6.603	5.811	0.88	1.975	6.177	5.436	0.88	2.124
28	20	7.384	5.612	0.76	1.882	7.100	5.396	0.76	2.012	6.674	5.072	0.76	2.161
28	22	7.952	5.089	0.64	1.919	7.668	4.908	0.64	2.068	7.242	4.635	0.64	2.198
30	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
30	18	6.816	6.543	0.96	1.835	6.603	6.339	0.96	1.975	6.177	5.930	0.96	2.124
30	20	7.384	6.203	0.84	1.882	7.100	5.964	0.84	2.012	6.674	5.606	0.84	2.161
30	22	7.952	5.725	0.72	1.919	7.668	5.521	0.72	2.068	7.242	5.214	0.72	2.198
32	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
32	18	6.816	6.816	1.00	1.835	6.603	6.603	1.00	1.975	6.177	6.177	1.00	2.124
32	20	7.384	6.793	0.92	1.882	7.100	6.532	0.92	2.012	6.674	6.140	0.92	2.161
32	22	7.952	6.362	0.80	1.919	7.668	6.134	0.80	2.068	7.242	5.794	0.80	2.198
34	16	6.319	6.319	1.00	1.788	6.035	6.035	1.00	1.919	5.751	5.751	1.00	2.077
34	18	6.816	6.816	1.00	1.835	6.603	6.603	1.00	1.975	6.177	6.177	1.00	2.124
34	20	7.384	7.384	1.00	1.882	7.100	7.100	1.00	2.012	6.674	6.674	1.00	2.161
34	22	7.952	6.998	0.88	1.919	7.668	6.748	0.88	2.068	7.242	6.373	0.88	2.198

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃: 35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.302	6.458	6.135	0.95	2.497	6.291	5.976	0.95	2.689
14	8	6.727	5.920	0.88	2.307	6.505	5.724	0.88	2.501	6.328	5.569	0.88	2.694
14	9	7.007	5.606	0.80	2.325	6.767	5.414	0.80	2.524	6.569	5.255	0.80	2.720
16	8	6.945	6.598	0.95	2.322	6.737	6.400	0.95	2.521	6.565	6.237	0.95	2.720
16	9	7.059	6.071	0.86	2.329	6.819	5.864	0.86	2.528	6.628	5.700	0.86	2.726
16	11	7.384	5.760	0.78	2.349	7.133	5.564	0.78	2.554	6.922	5.399	0.78	2.757
18	10	7.233	6.799	0.94	2.340	7.021	6.600	0.94	2.545	6.843	6.432	0.94	2.749
18	11	7.413	6.301	0.85	2.350	7.161	6.087	0.85	2.556	6.950	5.908	0.85	2.760
18	12	7.779	5.912	0.76	2.369	7.516	5.712	0.76	2.583	7.292	5.542	0.76	2.793
20	16	8.455	5.327	0.63	2.338	8.075	5.087	0.63	2.508	7.695	4.848	0.63	2.715
20	18	9.120	4.651	0.51	2.398	8.835	4.506	0.51	2.581	8.265	4.215	0.51	2.776
20	20	9.880	3.853	0.39	2.459	9.500	3.705	0.39	2.630	8.930	3.483	0.39	2.825
22	16	8.455	6.003	0.71	2.338	8.075	5.733	0.71	2.508	7.695	5.463	0.71	2.715
22	18	9.120	5.381	0.59	2.398	8.835	5.213	0.59	2.581	8.265	4.876	0.59	2.776
22	20	9.880	4.644	0.47	2.459	9.500	4.465	0.47	2.630	8.930	4.197	0.47	2.825
24	16	8.455	6.679	0.79	2.338	8.075	6.379	0.79	2.508	7.695	6.079	0.79	2.715
24	18	9.120	6.110	0.67	2.398	8.835	5.919	0.67	2.581	8.265	5.538	0.67	2.776
24	20	9.880	5.434	0.55	2.459	9.500	5.225	0.55	2.630	8.930	4.912	0.55	2.825
24	22	10.640	4.575	0.43	2.508	10.260	4.412	0.43	2.703	9.690	4.167	0.43	2.873
26	16	8.455	7.356	0.87	2.338	8.075	7.025	0.87	2.508	7.695	6.695	0.87	2.715
26	18	9.120	6.840	0.75	2.398	8.835	6.626	0.75	2.581	8.265	6.199	0.75	2.776
26	20	9.880	6.224	0.63	2.459	9.500	5.985	0.63	2.630	8.930	5.626	0.63	2.825
26	22	10.640	5.426	0.51	2.508	10.260	5.233	0.51	2.703	9.690	4.942	0.51	2.873
27	16	8.455	7.694	0.91	2.338	8.075	7.348	0.91	2.508	7.695	7.002	0.91	2.715
27	18	9.120	7.205	0.79	2.398	8.835	6.980	0.79	2.581	8.265	6.529	0.79	2.776
27	20	9.880	6.620	0.67	2.459	9.500	6.365	0.67	2.630	8.930	5.983	0.67	2.825
27	22	10.640	5.852	0.55	2.508	10.260	5.643	0.55	2.703	9.690	5.330	0.55	2.873
28	16	8.455	8.032	0.95	2.338	8.075	7.671	0.95	2.508	7.695	7.310	0.95	2.715
28	18	9.120	7.570	0.83	2.398	8.835	7.333	0.83	2.581	8.265	6.860	0.83	2.776
28	20	9.880	7.015	0.71	2.459	9.500	6.745	0.71	2.630	8.930	6.340	0.71	2.825
28	22	10.640	6.278	0.59	2.508	10.260	6.053	0.59	2.703	9.690	5.717	0.59	2.873
30	16	8.455	8.455	1.00	2.338	8.075	8.075	1.00	2.508	7.695	7.695	1.00	2.715
30	18	9.120	8.299	0.91	2.398	8.835	8.040	0.91	2.581	8.265	7.521	0.91	2.776
30	20	9.880	7.805	0.79	2.459	9.500	7.505	0.79	2.630	8.930	7.055	0.79	2.825
30	22	10.640	7.129	0.67	2.508	10.260	6.874	0.67	2.703	9.690	6.492	0.67	2.873
32	16	8.455	8.455	1.00	2.338	8.075	8.075	1.00	2.508	7.695	7.695	1.00	2.715
32	18	9.120	9.029	0.99	2.398	8.835	8.747	0.99	2.581	8.265	8.182	0.99	2.776
32	20	9.880	8.596	0.87	2.459	9.500	8.265	0.87	2.630	8.930	7.769	0.87	2.825
32	22	10.640	7.980	0.75	2.508	10.260	7.695	0.75	2.703	9.690	7.268	0.75	2.873
34	16	8.455	8.455	1.00	2.338	8.075	8.075	1.00	2.508	7.695	7.695	1.00	2.715
34	18	9.120	9.120	1.00	2.398	8.835	8.835	1.00	2.581	8.265	8.265	1.00	2.776
34	20	9.880	9.386	0.95	2.459	9.500	9.025	0.95	2.630	8.930	8.484	0.95	2.825
34	22	10.640	8.831	0.83	2.508	10.260	8.516	0.83	2.703	9.690	8.043	0.83	2.873

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.781	6.458	6.135	0.95	3.016	6.291	5.976	0.95	3.248
14	8	6.727	5.920	0.88	2.786	6.505	5.724	0.88	3.021	6.328	5.569	0.88	3.253
14	9	7.007	5.606	0.80	2.809	6.767	5.414	0.80	3.049	6.569	5.255	0.80	3.286
16	8	6.945	6.598	0.95	2.804	6.737	6.400	0.95	3.045	6.565	6.237	0.95	3.285
16	9	7.059	6.071	0.86	2.813	6.819	5.864	0.86	3.053	6.628	5.700	0.86	3.293
16	11	7.384	5.760	0.78	2.837	7.133	5.564	0.78	3.085	6.922	5.399	0.78	3.330
18	10	7.233	6.799	0.94	2.826	7.021	6.600	0.94	3.074	6.843	6.432	0.94	3.320
18	11	7.413	6.301	0.85	2.838	7.161	6.087	0.85	3.087	6.950	5.908	0.85	3.333
18	12	7.779	5.912	0.76	2.862	7.516	5.712	0.76	3.119	7.292	5.542	0.76	3.373
20	16	8.455	5.327	0.63	2.823	8.075	5.087	0.63	3.029	7.695	4.848	0.63	3.279
20	18	9.120	4.651	0.51	2.897	8.835	4.506	0.51	3.117	8.265	4.215	0.51	3.353
20	20	9.880	3.853	0.39	2.970	9.500	3.705	0.39	3.176	8.930	3.483	0.39	3.412
22	16	8.455	6.003	0.71	2.823	8.075	5.733	0.71	3.029	7.695	5.463	0.71	3.279
22	18	9.120	5.381	0.59	2.897	8.835	5.213	0.59	3.117	8.265	4.876	0.59	3.353
22	20	9.880	4.644	0.47	2.970	9.500	4.465	0.47	3.176	8.930	4.197	0.47	3.412
24	16	8.455	6.679	0.79	2.823	8.075	6.379	0.79	3.029	7.695	6.079	0.79	3.279
24	18	9.120	6.110	0.67	2.897	8.835	5.919	0.67	3.117	8.265	5.538	0.67	3.353
24	20	9.880	5.434	0.55	2.970	9.500	5.225	0.55	3.176	8.930	4.912	0.55	3.412
24	22	10.640	4.575	0.43	3.029	10.260	4.412	0.43	3.265	9.690	4.167	0.43	3.470
26	16	8.455	7.356	0.87	2.823	8.075	7.025	0.87	3.029	7.695	6.695	0.87	3.279
26	18	9.120	6.840	0.75	2.897	8.835	6.626	0.75	3.117	8.265	6.199	0.75	3.353
26	20	9.880	6.224	0.63	2.970	9.500	5.985	0.63	3.176	8.930	5.626	0.63	3.412
26	22	10.640	5.426	0.51	3.029	10.260	5.233	0.51	3.265	9.690	4.942	0.51	3.470
27	16	8.455	7.694	0.91	2.823	8.075	7.348	0.91	3.029	7.695	7.002	0.91	3.279
27	18	9.120	7.205	0.79	2.897	8.835	6.980	0.79	3.117	8.265	6.529	0.79	3.353
27	20	9.880	6.620	0.67	2.970	9.500	6.365	0.67	3.176	8.930	5.983	0.67	3.412
27	22	10.640	5.852	0.55	3.029	10.260	5.643	0.55	3.265	9.690	5.330	0.55	3.470
28	16	8.455	8.032	0.95	2.823	8.075	7.671	0.95	3.029	7.695	7.310	0.95	3.279
28	18	9.120	7.570	0.83	2.897	8.835	7.333	0.83	3.117	8.265	6.860	0.83	3.353
28	20	9.880	7.015	0.71	2.970	9.500	6.745	0.71	3.176	8.930	6.340	0.71	3.412
28	22	10.640	6.278	0.59	3.029	10.260	6.053	0.59	3.265	9.690	5.717	0.59	3.470
30	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
30	18	9.120	8.299	0.91	2.897	8.835	8.040	0.91	3.117	8.265	7.521	0.91	3.353
30	20	9.880	7.805	0.79	2.970	9.500	7.505	0.79	3.176	8.930	7.055	0.79	3.412
30	22	10.640	7.129	0.67	3.029	10.260	6.874	0.67	3.265	9.690	6.492	0.67	3.470
32	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
32	18	9.120	9.029	0.99	2.897	8.835	8.747	0.99	3.117	8.265	8.182	0.99	3.353
32	20	9.880	8.596	0.87	2.970	9.500	8.265	0.87	3.176	8.930	7.769	0.87	3.412
32	22	10.640	7.980	0.75	3.029	10.260	7.695	0.75	3.265	9.690	7.268	0.75	3.470
34	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
34	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
34	20	9.880	9.386	0.95	2.970	9.500	9.025	0.95	3.176	8.930	8.484	0.95	3.412
34	22	10.640	8.831	0.83	3.029	10.260	8.516	0.83	3.265	9.690	8.043	0.83	3.470

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

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

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

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

A.2.6 NOISE CRITERIA CURVES

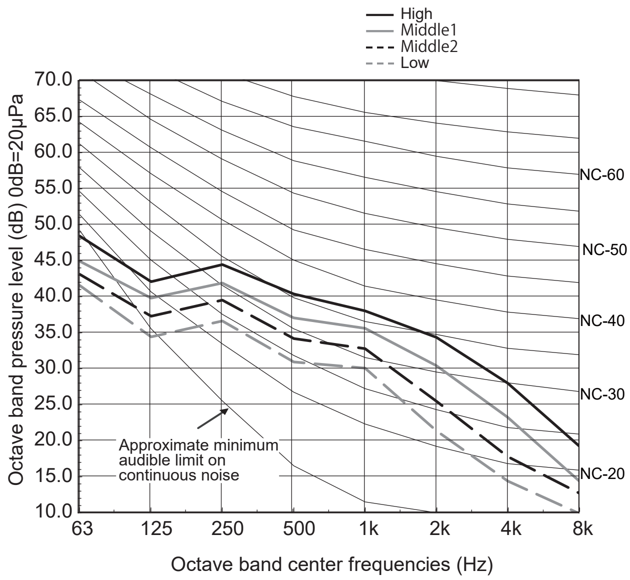
A.2.6.1 SOUND LEVELS

Low-Middle-(Middle2)-High

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

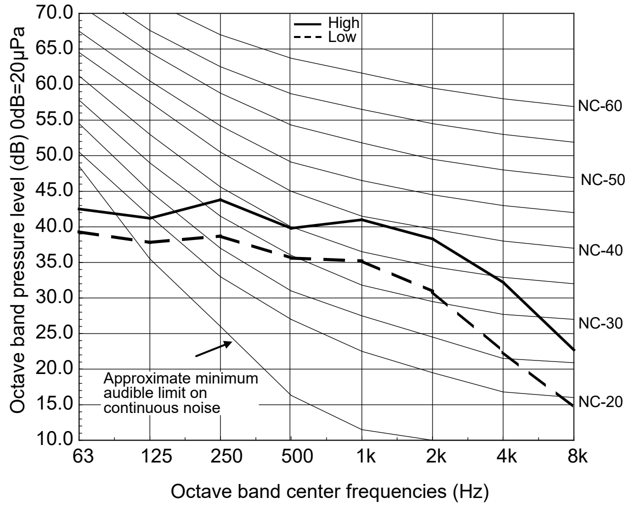
A.2.6.2 NOISE CRITERIA CURVES

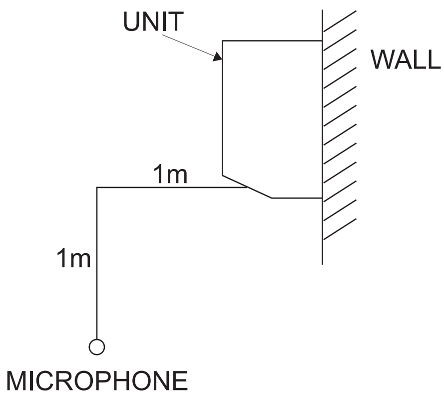
PKA-M35LA2 PKA-M50LA2
PKA-M35LAL2 PKA-M50LAL2



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

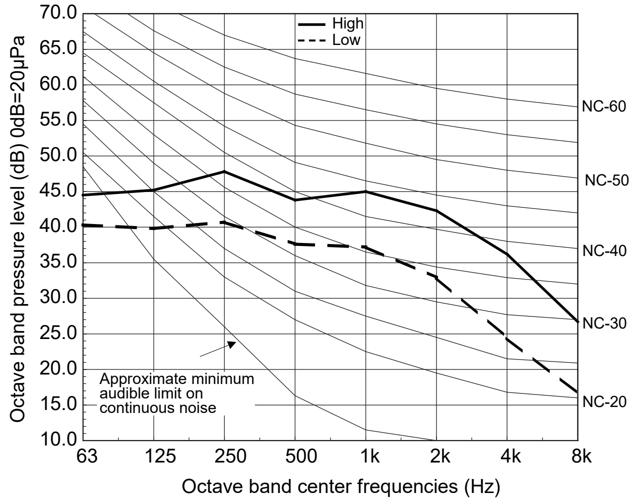
External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz





PKA-M100KA2
PKA-M100KAL2

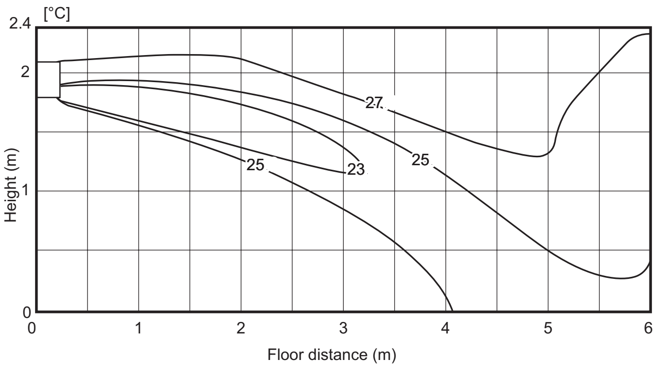
External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz



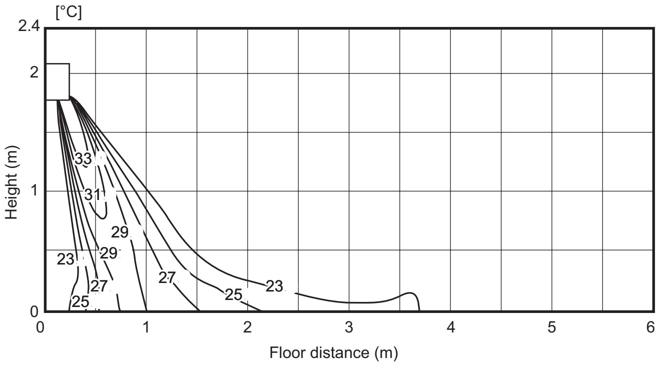
A.2.7 TEMPERATURE AND AIR FLOW DISTRIBUTIONS
PKA-M·LA2 PKA-M·LAL2 PKA-M·KA2 PKA-M·KAL2
Temperature distribution

PKA-M50LA2 PKA-M50LAL2

<Cooling mode>
Horizontal air flow

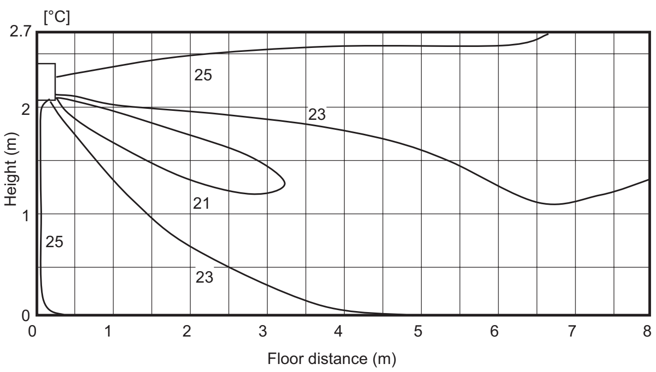


<Heating mode>
Downward air flow

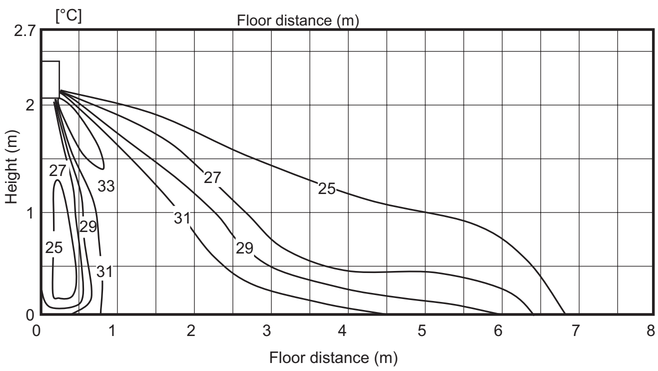


PKA-M100KA2 PKA-M100KAL2

<Cooling mode>
Horizontal air flow



<Heating mode>
Downward air flow

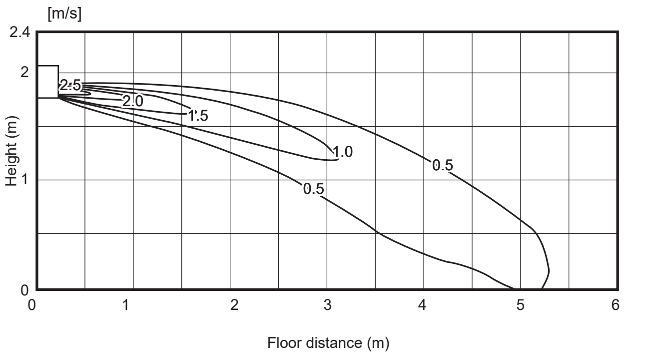


Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

Airflow distribution

PKA-M50LA2 PKA-M50LAL2

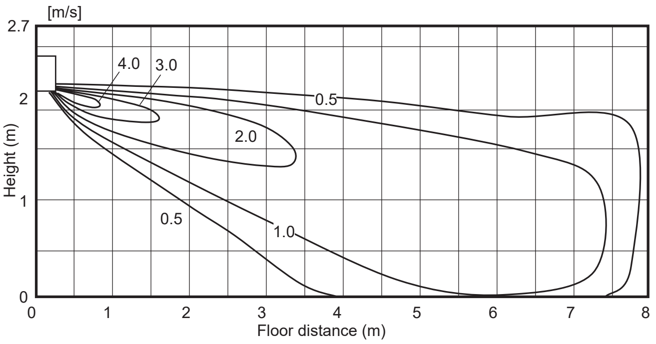
<Fan mode>
Horizontal air flow



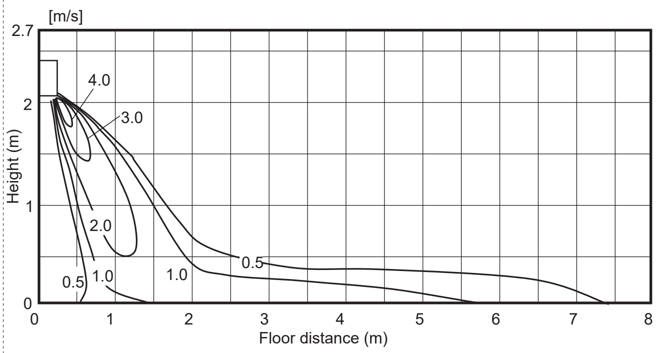
<Fan mode>
Downward air flow

PKA-M100KA2 PKA-M100KAL2

<Fan mode>
Horizontal air flow



<Fan 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.

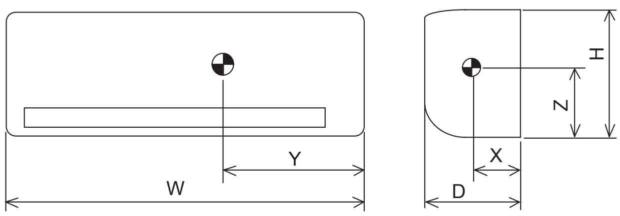
A.2.8 OUTLET AIR SPEED AND COVERAGE RANGE

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

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

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

A.2.9 CENTER OF GRAVITY POSITION



Unit: mm

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

A.3 CEILING SUSPENDED (PCA)

A.3.1 SPECIFICATIONS

1.Power Inverter SERIES

					PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2
Model Name	Indoor Unit				PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2
	Outdoor Unit				PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Min.		kW	1.6	2.3	2.7	3.3
		Max.		kW	4.5	5.6	6.7	8.1
	SHF	Rated			0.88	0.79	0.81	0.76
	Total Input	Rated		kW	0.829	1.250	1.521	1.829
	EER				4.34	4.00	4.01	3.88
	Annual Electricity Consumption			kWh/a	197	260	328	371
	SEER				6.4	6.7	6.5	6.7
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	4.1	5.5	7.0	8.0
		Min.		kW	1.6	2.5	2.8	3.5
		Max.		kW	5.2	6.6	8.2	10.2
	Total Input	Rated		kW	1.019	1.361	1.745	2.156
	COP				4.02	4.04	4.01	3.71
	Annual Electricity Consumption			kWh/a	838	1266	1501	1567
	SCOP				4.0	4.2	4.1	4.2
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	13.3	13.4	19.4	19.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06
	Operating Current(max)			A	0.29	0.37	0.39	0.42
	Dimensions	H × W × D		mm	230-960-680		230-1280-680	
	Weight			kg	25	26	32	32
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41
	Sound Level (PWL)	Cooling			60	60	60	62
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max.Length	Out-In		m	50	50	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-11	-11	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

					PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2
Model Name	Indoor Unit				PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2
	Outdoor Unit				PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	9.5	9.5	12.5	12.5
		Min.		kW	4.9	4.9	5.5	5.5
		Max.		kW	11.4	11.4	14.0	14.0
	SHF	Rated			0.77	0.77	0.72	0.72
	Total Input	Rated		kW	2.375	2.375	3.846	3.846
	EER				4.00	4.00	3.25	3.25
	Annual Electricity Consumption			kWh/a	516	527	702	712
	SEER				6.4	6.3	6.2	6.1
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	11.2	11.2	14.0	14.0
		Min.		kW	4.5	4.5	5.0	5.0
		Max.		kW	14.0	14.0	16.0	16.0
	Total Input	Rated		kW	3.018	3.018	3.954	3.954
	COP				3.71	3.71	3.54	3.54
	Annual Electricity Consumption			kWh/a	2536	2537	3003	3004
	SCOP				4.3	4.3	4.3	4.3
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	20.7	8.7	27.3	9.8
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.65	0.65	0.76	0.76
	Dimensions	H × W × D		mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45
	Sound Level (PWL)	Cooling			63	63	65	65
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	100	100	100	100
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-20	-20	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

Model Name	Indoor Unit				PCA-M140KA2	PCA-M140KA2
	Outdoor Unit				PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	—	—
				Phase	—	—
				Hz	—	—
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	6.2	6.2
		Max.		kW	15.0	15.0
	SHF	Rated			0.72	0.72
	Total Input	Rated		kW	3.941	3.941
	EER				3.40	3.40
	Annual Electricity Consumption			kWh/a	755	765
	SEER				6.2	6.1
		Energy efficiency class			A++	A++
Heating	Capacity	Rated		kW	16.0	16.0
		Min.		kW	5.7	5.7
		Max.		kW	18.0	18.0
	Total Input	Rated		kW	4.432	4.432
	COP				3.61	3.61
	Annual Electricity Consumption			kWh/a	3345	3346
	SCOP				4.4	4.4
		Energy efficiency class			A+	A+
Operating Current(max)				A	30.9	12.7
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14
	Operating Current(max)			A	0.90	0.90
	Dimensions	H × W × D		mm	230-1600-680	
	Weight			kg	40	40
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	24-26-29-32	24-26-29-32
	External Static Pressure			Pa	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	41-43-45-48	41-43-45-48
	Sound Level (PWL)	Cooling			68	68
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	118
	Air Volume	Cooling	Rated	m³/min.	120	120
		Heating	Rated	m³/min.	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70
	Operating Current(max)			A	30	11.8
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	100	100
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-20	-20
			Upper Limit.	℃	+21	+21

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

Model Name	Indoor Unit				PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2
	Outdoor Unit				SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Min.		kW	0.8	1.5	1.6	2.2
		Max.		kW	3.9	5.6	6.3	8.1
	SHF	Rated			0.88	0.79	0.81	0.76
	Total Input	Rated		kW	0.900	1.515	1.648	1.972
	EER				4.00	3.30	3.70	3.60
	Annual Electricity Consumption			kWh/a	198	291	333	381
	SEER				6.3	6.0	6.4	6.5
		Energy efficiency class			A++	A+	A++	A++
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Min.		kW	1.0	1.5	1.6	2.0
		Max.		kW	5.0	7.2	8.0	10.2
	Total Input	Rated		kW	1.025	1.617	1.750	2.216
	COP				4.00	3.71	4.00	3.61
	Annual Electricity Consumption			kWh/a	910	1458	1558	1974
	SCOP				4.0	4.1	4.1	4.1
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	8.8	13.9	15.2	15.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06
	Operating Current(max)			A	0.29	0.37	0.39	0.42
	Dimensions	H × W × D		mm	230-960-680		230-1280-680	
	Weight			kg	25	26	32	32
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41
	Sound Level (PWL)	Cooling			60	60	60	62
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m³/min.	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	6.35	9.52
		Gas		mm	9.52	12.7	15.88	15.88
	Max.Length	Out-In		m	20	30	30	30
	Max. Height	Out-In		m	12	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

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

Model Name	Indoor Unit				PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2
	Outdoor Unit				PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	–	–	–	–
				Phase	–	–	–	–
				Hz	–	–	–	–
Cooling	Capacity	Rated		kW	9.5	9.5	12.1	12.1
		Min.		kW	4.0	4.0	5.7	5.7
		Max.		kW	10.6	10.6	13.0	13.0
	SHF	Rated			0.77	0.77	0.72	0.72
	Total Input	Rated		kW	2.941	2.941	4.019	4.019
	EER				3.23	3.23	3.01	3.01
	Annual Electricity Consumption			kWh/a	553	553	802	802
	SEER				6.0	6.0	5.2	5.2
		Energy efficiency class			A+	A+	A	A
Heating	Capacity	Rated		kW	11.2	11.2	13.5	13.5
		Min.		kW	2.8	2.8	4.1	4.1
		Max.		kW	12.5	12.5	15.0	15.0
	Total Input	Rated		kW	3.284	3.284	3.958	3.958
	COP				3.41	3.41	3.41	3.41
	Annual Electricity Consumption			kWh/a	2729	2729	2873	2873
	SCOP				4.1	4.1	4.1	4.1
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	20.7	12.2	27.3	12.3
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.65	0.65	0.76	0.76
	Dimensions	H × W × D		mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45
	Sound Level (PWL)	Cooling			63	63	65	65
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	55	55	65	65
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+21	+21	+21	+21

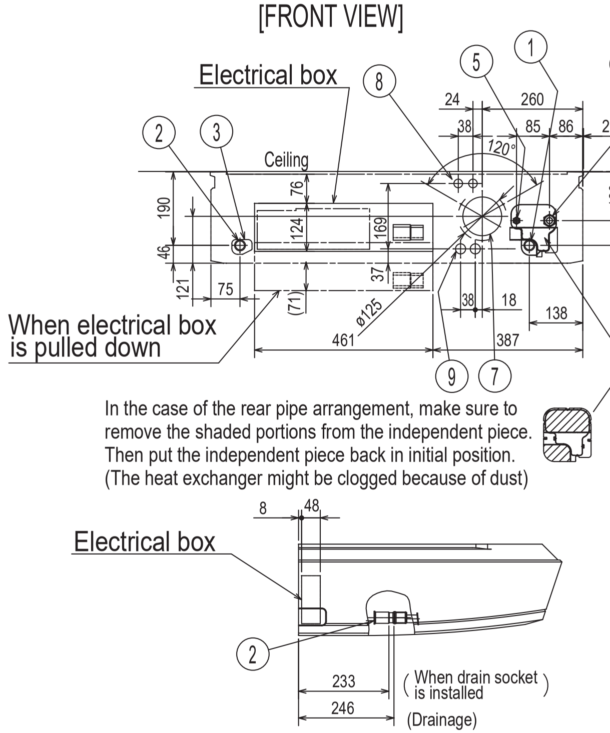
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

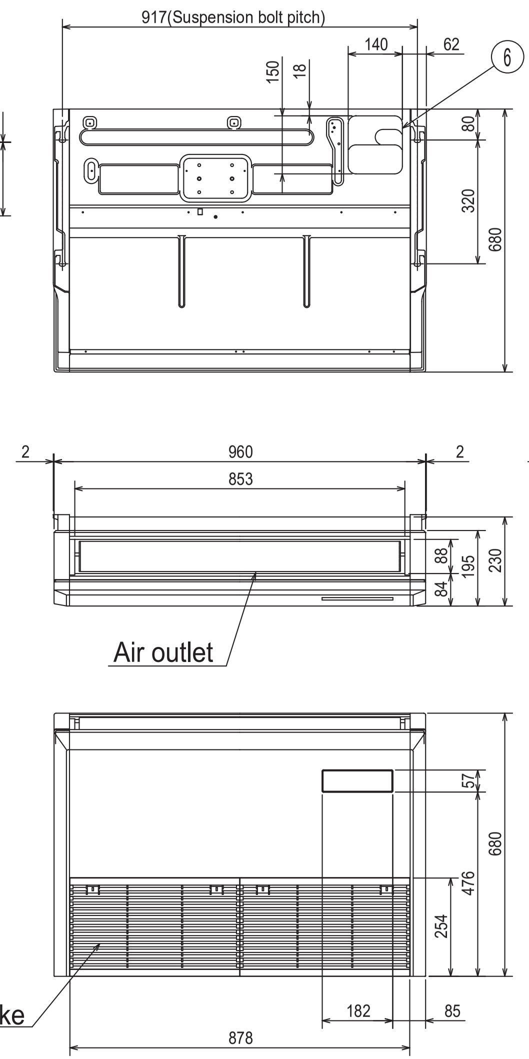
Model Name	Indoor Unit				PCA-M140KA2	PCA-M140KA2
	Outdoor Unit				PUZ-M140VKA2	PUZ-M140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	—	—
				Phase	—	—
				Hz	—	—
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	5.7	5.7
		Max.		kW	14.1	14.1
	SHF	Rated			0.72	0.72
	Total Input	Rated		kW	5.360	5.360
	EER				2.50	2.50
	Annual Electricity Consumption			kWh/a	907	907
	SEER				5.1	5.1
		Energy efficiency class			A	A
Heating	Capacity	Rated		kW	15.0	15.0
		Min.		kW	4.2	4.2
		Max.		kW	15.8	15.8
	Total Input	Rated		kW	4.285	4.285
	COP				3.50	3.50
	Annual Electricity Consumption			kWh/a	3255	3255
	SCOP				4.0	4.0
		Energy efficiency class			A+	A+
Operating Current(max)				A	30.9	12.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14
	Operating Current(max)			A	0.90	0.90
	Dimensions	H × W × D		mm	230-1600-680	
	Weight			kg	40	40
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	24-26-29-32	24-26-29-32
	External Static Pressure			Pa	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	41-43-45-48	41-43-45-48
	Sound Level (PWL)	Cooling			68	68
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85
	Air Volume	Cooling	Rated	m³/min.	86	86
		Heating	Rated	m³/min.	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	57	57
	Sound Level (PWL)	Cooling		dB(A)	73	73
	Operating Current(max)			A	30	11.5
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	65	65
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+21	+21

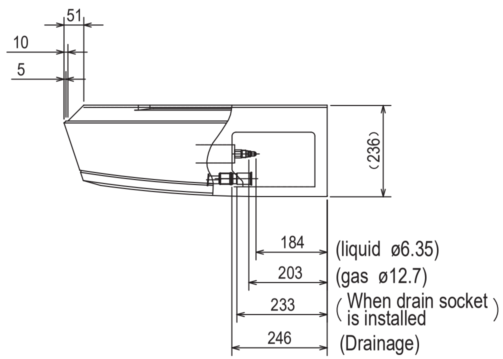
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.3.2 OUTLINES AND DIMENSIONS
PCA-M35KA2
PCA-M50KA2

Unit : mm







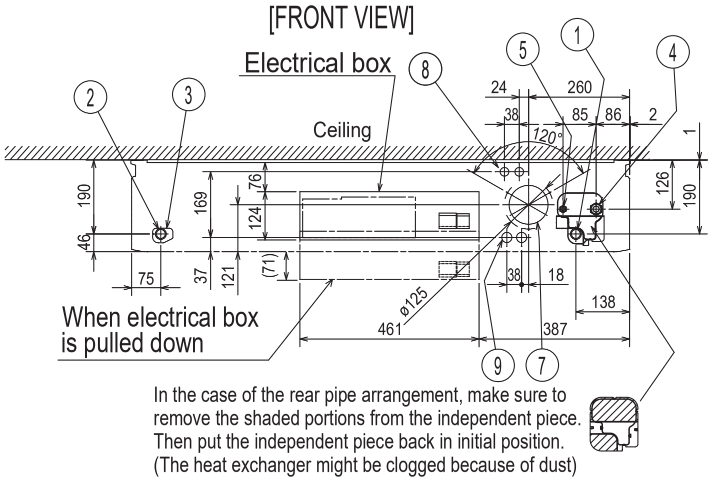
1. Drainage pipe connection(26mmI.D.)
2. Drainage pipe connection(for the left arrangement)
3. Knockout hole for left drain-piping arrangement
4. Refrigerant-pipe connection(gas pipe side/flared connection)
5. Refrigerant-pipe connection(liquid pipe side/flared connection)
6. Knockout hole for upper drain pipe arrangement
7. Knockout hole for fresh air intake ø100
8. Knockout hole for wiring arrangement 2-ø22
9. Knockout hole for wiring arrangement 2-ø26

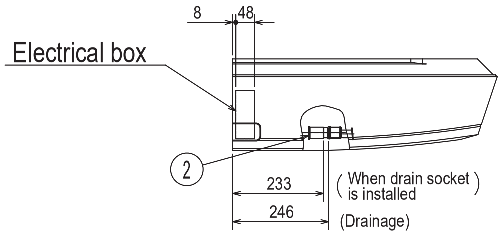
Accessory···Drain socket (I.D. 26)

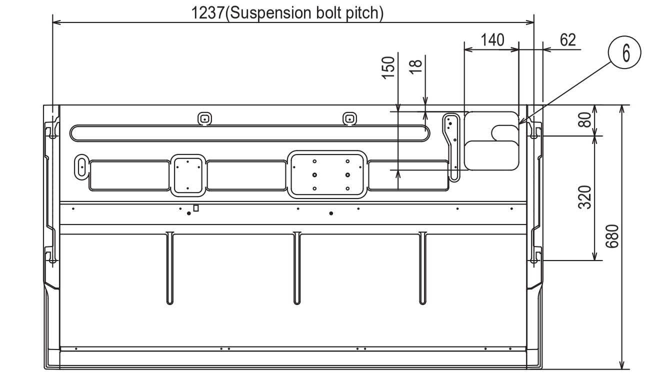
NOTES.
1.Use M10 or W3/8 screw for anchor bolt.
2.Please be sure when installing the drain pump (optional parts), refrigerant pipe will be only upward.

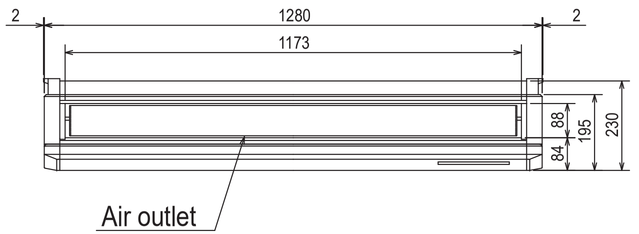
PCA-M60KA2
PCA-M71KA2

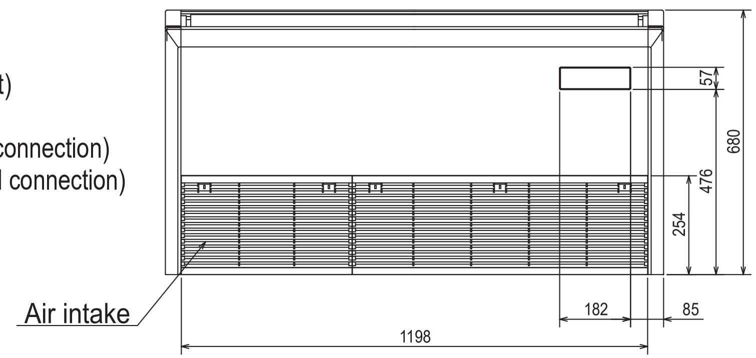
Unit : mm



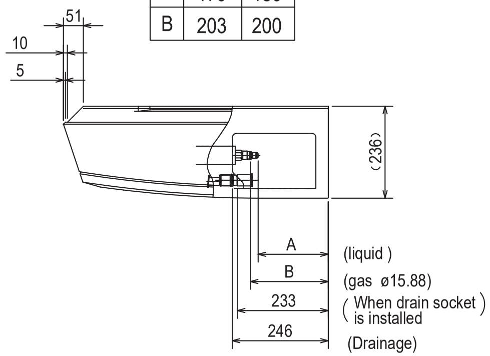








	M60	M71
A	179	180
B	203	200



1. Drainage pipe connection(26mmI.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 ø100
8. Knockout hole for wiring arrangement 2-ø22
9. Knockout hole for wiring arrangement 2-ø26

Accessory···Drain socket (I.D. 26)
Flare nut ø6.35 (M60 only)

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

Use the current nuts meeting the pipe size of the outdoor uni

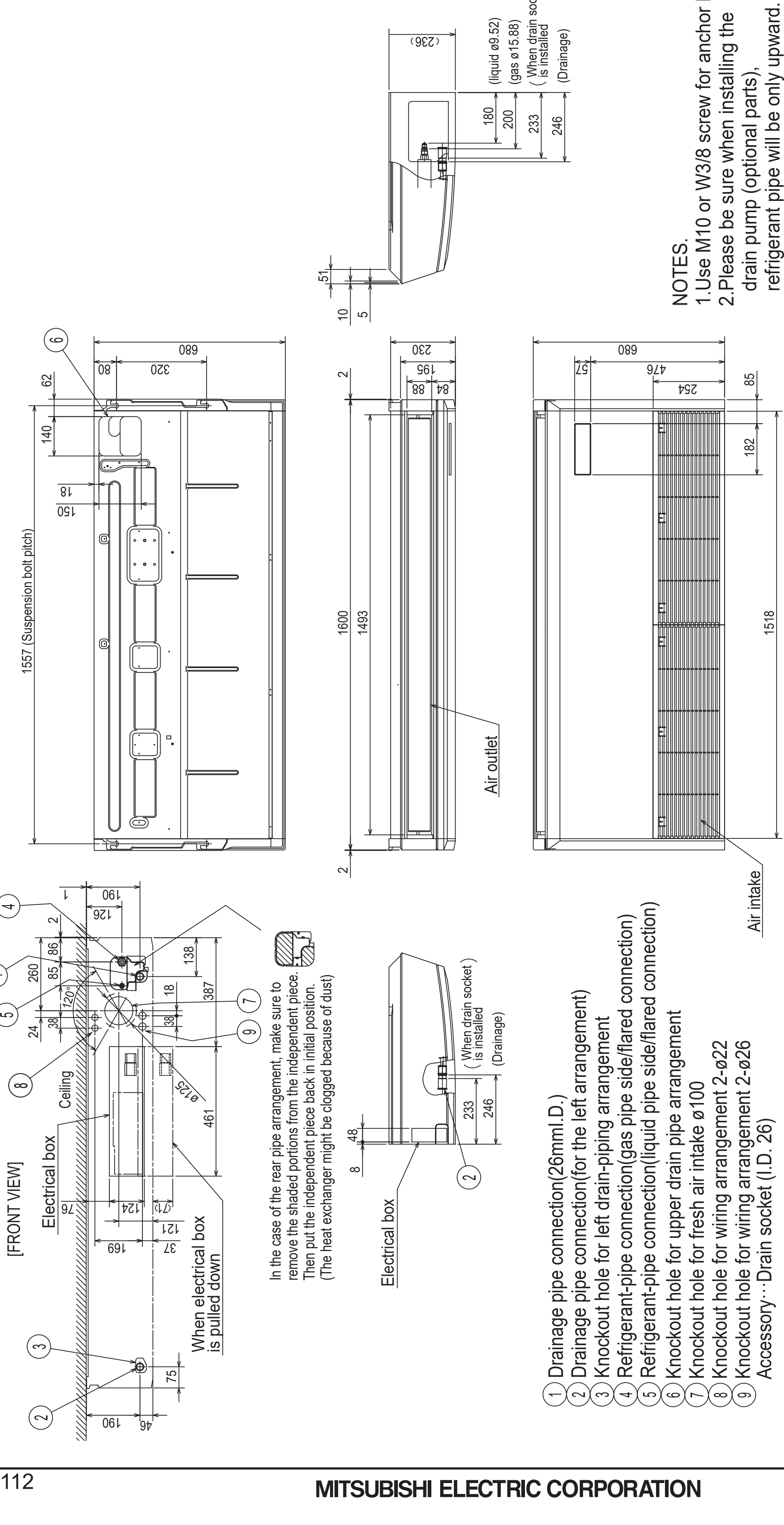
Available pipe size

	M60	M71
⑤ LIQUID SIDE	ø6.35	——
	ø9.52 ○	ø9.52 ○
④ GAS SIDE	ø15.88○	ø15.88○

○ :Initial flare nut size

PCA-M100KA2
PCA-M125KA2
PCA-M140KA2

Unit : mm



1. Drainage pipe connection(26mmI.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 ø100
8. Knockout hole for wiring arrangement 2-ø22
9. Knockout hole for wiring arrangement 2-ø26
   Accessory···Drain socket (I.D. 26)

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

A.3.3 WIRING DIAGRAM

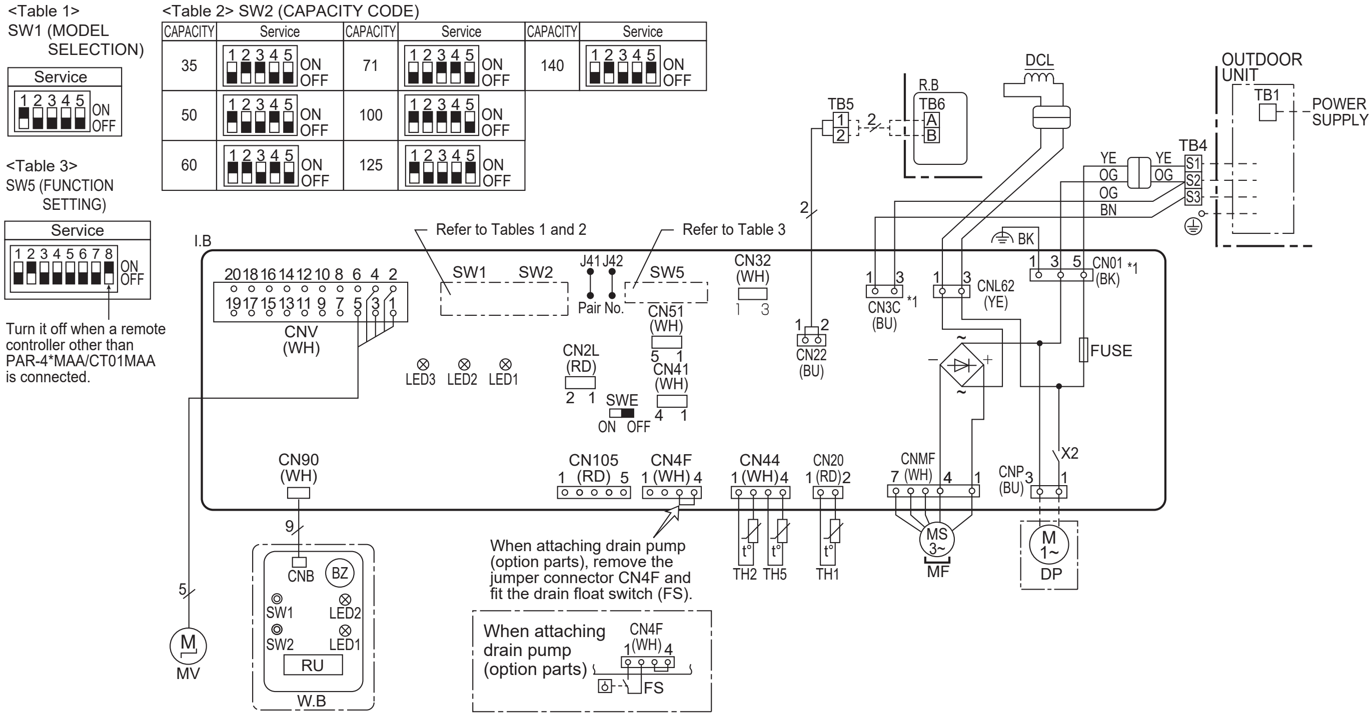
PCA-M35KA2 PCA-M50KA2 PCA-M60KA2 PCA-M71KA2 PCA-M100KA2 PCA-M125KA2 PCA-M140KA2

[LEGEND]

SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD
CN2L	CONNECTOR (LOSSNAY)
CN32	CONNECTOR (REMOTE SWITCH)
CN41	CONNECTOR (HA TERMINAL-A)
CN51	CONNECTOR (CENTRALLY CONTROL)
CN105	CONNECTOR (IT TERMINAL)
CNL62	CONNECTOR (REACTOR)
FUSE	FUSE (T6.3AL250V)
LED1	POWER SUPPLY (I.B)
LED2	POWER SUPPLY (R.B)
LED3	TRANSMISSION (INDOOR-OUTDOOR)
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.
SW5	SWITCH (FUNCTION SETTING) Refer to <Table 3>.
SWE	SWITCH (EMERGENCY OPERATION)
X2	RELAY (DRAIN PUMP)
R.B	WIRED REMOTE CONTROLLER
DCL	REACTOR
MF	FAN MOTOR
MV	VANE MOTOR
TB2	TERMINAL BLOCK (Indoor unit Power (Option parts))

SYMBOL	NAME
TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
OPTION PART	
W.B	PCB OF SIGNAL RECEIVER
BZ	BUZZER
LED1	LED (OPERATION INDICATION : GREEN)
LED2	LED (PREPARATION FOR HEATING : ORANGE)
RU	RECEIVING UNIT
SW1	EMERGENCY OPERATION (HEAT / DOWN)
SW2	EMERGENCY OPERATION (COOL / UP)
DP	DRAIN PUMP
FS	DRAIN FLOAT SWITCH

The black square (■) indicates a switch position.



Notes: 1.Symbols used in this wiring diagram are, [○○○], [ ]:connector, [| |] :Terminal (block).

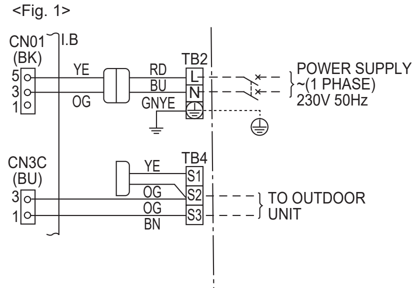
2.Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).

3.Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.

4.This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.

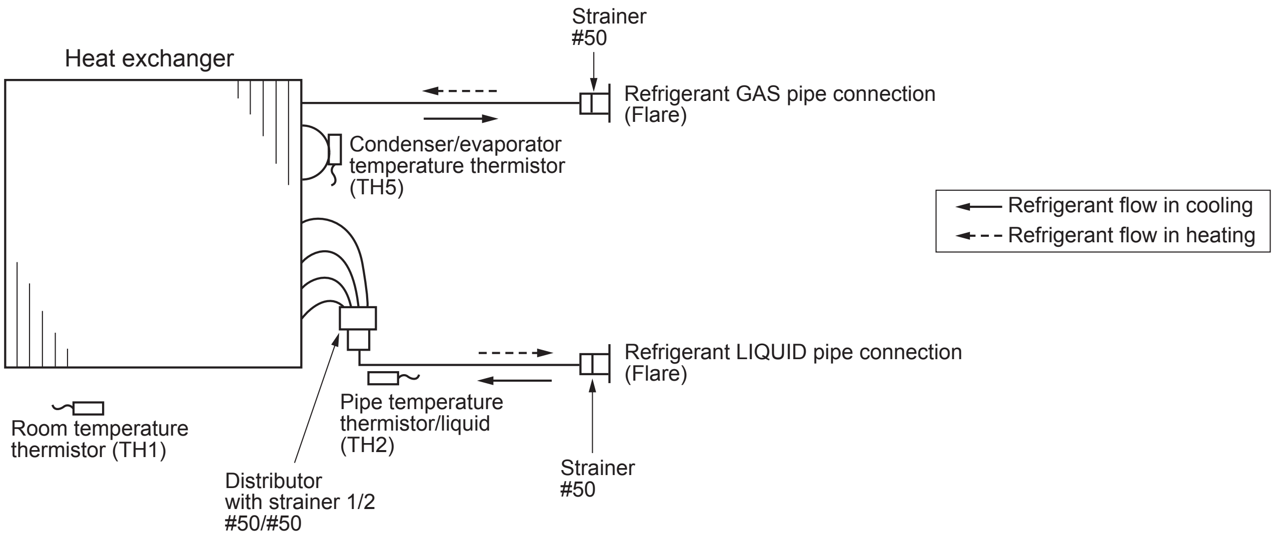
*1:When work to Supply power separately to indoor and outdoor units was applied, refer to Fig. 1. For power supply system of this unit, refer to the caution label located near this diagram.

<Fig. 1>



A.3.4 REFRIGERANT SYSTEM DIAGRAM

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



A.3.5 PERFORMANCE DATA

COOLING CAPACITY
PCA-M35KA2 / PUZ-ZM35VKA2

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

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

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PCA-M50KA2 / PUZ-ZM50VKA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	3.505	3.505	1.00	1.182	3.399	3.399	1.00	1.282	3.311	3.311	1.00	1.380
14	8	3.540	3.328	0.94	1.184	3.424	3.219	0.94	1.284	3.330	3.130	0.94	1.383
14	9	3.688	3.172	0.86	1.194	3.562	3.063	0.86	1.296	3.457	2.973	0.86	1.396
16	8	3.655	3.655	1.00	1.192	3.546	3.546	1.00	1.294	3.455	3.455	1.00	1.396
16	9	3.715	3.418	0.92	1.196	3.589	3.302	0.92	1.298	3.488	3.209	0.92	1.400
16	11	3.886	3.264	0.84	1.206	3.754	3.153	0.84	1.311	3.643	3.060	0.84	1.415
18	10	3.807	3.807	1.00	1.201	3.695	3.695	1.00	1.307	3.601	3.601	1.00	1.411
18	11	3.901	3.550	0.91	1.206	3.769	3.430	0.91	1.312	3.658	3.329	0.91	1.417
18	12	4.094	3.357	0.82	1.216	3.956	3.244	0.82	1.326	3.838	3.147	0.82	1.434
20	16	4.450	3.071	0.69	1.200	4.250	2.933	0.69	1.288	4.050	2.795	0.69	1.394
20	18	4.800	2.736	0.57	1.231	4.650	2.651	0.57	1.325	4.350	2.480	0.57	1.425
20	20	5.200	2.340	0.45	1.263	5.000	2.250	0.45	1.350	4.700	2.115	0.45	1.450
22	16	4.450	3.427	0.77	1.200	4.250	3.273	0.77	1.288	4.050	3.119	0.77	1.394
22	18	4.800	3.120	0.65	1.231	4.650	3.023	0.65	1.325	4.350	2.828	0.65	1.425
22	20	5.200	2.756	0.53	1.263	5.000	2.650	0.53	1.350	4.700	2.491	0.53	1.450
24	16	4.450	3.783	0.85	1.200	4.250	3.613	0.85	1.288	4.050	3.443	0.85	1.394
24	18	4.800	3.504	0.73	1.231	4.650	3.395	0.73	1.325	4.350	3.176	0.73	1.425
24	20	5.200	3.172	0.61	1.263	5.000	3.050	0.61	1.350	4.700	2.867	0.61	1.450
24	22	5.600	2.744	0.49	1.288	5.400	2.646	0.49	1.388	5.100	2.499	0.49	1.475
26	16	4.450	4.139	0.93	1.200	4.250	3.953	0.93	1.288	4.050	3.767	0.93	1.394
26	18	4.800	3.888	0.81	1.231	4.650	3.767	0.81	1.325	4.350	3.524	0.81	1.425
26	20	5.200	3.588	0.69	1.263	5.000	3.450	0.69	1.350	4.700	3.243	0.69	1.450
26	22	5.600	3.192	0.57	1.288	5.400	3.078	0.57	1.388	5.100	2.907	0.57	1.475
27	16	4.450	4.317	0.97	1.200	4.250	4.123	0.97	1.288	4.050	3.929	0.97	1.394
27	18	4.800	4.080	0.85	1.231	4.650	3.953	0.85	1.325	4.350	3.698	0.85	1.425
27	20	5.200	3.796	0.73	1.263	5.000	3.650	0.73	1.350	4.700	3.431	0.73	1.450
27	22	5.600	3.416	0.61	1.288	5.400	3.294	0.61	1.388	5.100	3.111	0.61	1.475
28	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
28	18	4.800	4.272	0.89	1.231	4.650	4.139	0.89	1.325	4.350	3.872	0.89	1.425
28	20	5.200	4.004	0.77	1.263	5.000	3.850	0.77	1.350	4.700	3.619	0.77	1.450
28	22	5.600	3.640	0.65	1.288	5.400	3.510	0.65	1.388	5.100	3.315	0.65	1.475
30	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
30	18	4.800	4.656	0.97	1.231	4.650	4.511	0.97	1.325	4.350	4.220	0.97	1.425
30	20	5.200	4.420	0.85	1.263	5.000	4.250	0.85	1.350	4.700	3.995	0.85	1.450
30	22	5.600	4.088	0.73	1.288	5.400	3.942	0.73	1.388	5.100	3.723	0.73	1.475
32	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
32	18	4.800	4.800	1.00	1.231	4.650	4.650	1.00	1.325	4.350	4.350	1.00	1.425
32	20	5.200	4.836	0.93	1.263	5.000	4.650	0.93	1.350	4.700	4.371	0.93	1.450
32	22	5.600	4.536	0.81	1.288	5.400	4.374	0.81	1.388	5.100	4.131	0.81	1.475
34	16	4.450	4.450	1.00	1.200	4.250	4.250	1.00	1.288	4.050	4.050	1.00	1.394
34	18	4.800	4.800	1.00	1.231	4.650	4.650	1.00	1.325	4.350	4.350	1.00	1.425
34	20	5.200	5.200	1.00	1.263	5.000	5.000	1.00	1.350	4.700	4.700	1.00	1.450
34	22	5.600	4.984	0.89	1.288	5.400	4.806	0.89	1.388	5.100	4.539	0.89	1.475

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PCA-M60KA2 / PUZ-ZM60VHA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.613	1.00	1.115	4.505	4.505	1.00	1.218	4.397	4.397	1.00	1.321
14	8	4.711	4.523	0.96	1.115	4.585	4.402	0.96	1.219	4.459	4.281	0.96	1.324
14	9	4.906	4.317	0.88	1.113	4.775	4.202	0.88	1.222	4.644	4.087	0.88	1.332
16	8	4.806	4.806	1.00	1.113	4.695	4.695	1.00	1.221	4.583	4.583	1.00	1.329
16	9	4.942	4.645	0.94	1.112	4.810	4.521	0.94	1.223	4.678	4.397	0.94	1.333
16	11	5.169	4.445	0.86	1.110	5.031	4.327	0.86	1.225	4.892	4.207	0.86	1.341
18	10	5.005	5.005	1.00	1.111	4.888	4.888	1.00	1.224	4.771	4.771	1.00	1.337
18	11	5.189	4.826	0.93	1.110	5.049	4.696	0.93	1.226	4.910	4.566	0.93	1.342
18	12	5.448	4.576	0.84	1.106	5.300	4.452	0.84	1.228	5.153	4.329	0.84	1.349
20	16	6.039	4.288	0.71	1.217	5.856	4.158	0.71	1.285	5.673	4.028	0.71	1.361
20	18	6.466	3.815	0.59	1.240	6.283	3.707	0.59	1.308	6.070	3.581	0.59	1.399
20	20	6.954	3.268	0.47	1.278	6.802	3.197	0.47	1.338	6.619	3.111	0.47	1.430
22	16	6.039	4.771	0.79	1.217	5.856	4.626	0.79	1.285	5.673	4.482	0.79	1.361
22	18	6.466	4.332	0.67	1.240	6.283	4.210	0.67	1.308	6.070	4.067	0.67	1.399
22	20	6.954	3.825	0.55	1.278	6.802	3.741	0.55	1.338	6.619	3.640	0.55	1.430
24	16	6.039	5.254	0.87	1.217	5.856	5.095	0.87	1.285	5.673	4.936	0.87	1.361
24	18	6.466	4.850	0.75	1.240	6.283	4.712	0.75	1.308	6.070	4.553	0.75	1.399
24	20	6.954	4.381	0.63	1.278	6.802	4.285	0.63	1.338	6.619	4.170	0.63	1.430
24	22	7.412	3.780	0.51	1.308	7.259	3.702	0.51	1.384	7.076	3.609	0.51	1.475
26	16	6.039	5.737	0.95	1.217	5.856	5.563	0.95	1.285	5.673	5.389	0.95	1.361
26	18	6.466	5.367	0.83	1.240	6.283	5.215	0.83	1.308	6.070	5.038	0.83	1.399
26	20	6.954	4.937	0.71	1.278	6.802	4.829	0.71	1.338	6.619	4.699	0.71	1.430
26	22	7.412	4.373	0.59	1.308	7.259	4.283	0.59	1.384	7.076	4.175	0.59	1.475
27	16	6.039	5.979	0.99	1.217	5.856	5.797	0.99	1.285	5.673	5.616	0.99	1.361
27	18	6.466	5.625	0.87	1.240	6.283	5.466	0.87	1.308	6.070	5.281	0.87	1.399
27	20	6.954	5.216	0.75	1.278	6.802	5.102	0.75	1.338	6.619	4.964	0.75	1.430
27	22	7.412	4.670	0.63	1.308	7.259	4.573	0.63	1.384	7.076	4.458	0.63	1.475
28	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
28	18	6.466	5.884	0.91	1.240	6.283	5.718	0.91	1.308	6.070	5.524	0.91	1.399
28	20	6.954	5.494	0.79	1.278	6.802	5.374	0.79	1.338	6.619	5.229	0.79	1.430
28	22	7.412	4.966	0.67	1.308	7.259	4.864	0.67	1.384	7.076	4.741	0.67	1.475
30	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
30	18	6.466	6.401	0.99	1.240	6.283	6.220	0.99	1.308	6.070	6.009	0.99	1.399
30	20	6.954	6.050	0.87	1.278	6.802	5.918	0.87	1.338	6.619	5.759	0.87	1.430
30	22	7.412	5.559	0.75	1.308	7.259	5.444	0.75	1.384	7.076	5.307	0.75	1.475
32	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
32	18	6.466	6.466	1.00	1.240	6.283	6.283	1.00	1.308	6.070	6.070	1.00	1.399
32	20	6.954	6.606	0.95	1.278	6.802	6.462	0.95	1.338	6.619	6.288	0.95	1.430
32	22	7.412	6.152	0.83	1.308	7.259	6.025	0.83	1.384	7.076	5.873	0.83	1.475
34	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
34	18	6.466	6.466	1.00	1.240	6.283	6.283	1.00	1.308	6.070	6.070	1.00	1.399
34	20	6.954	6.954	1.00	1.278	6.802	6.802	1.00	1.338	6.619	6.619	1.00	1.430
34	22	7.412	6.745	0.91	1.308	7.259	6.606	0.91	1.384	7.076	6.439	0.91	1.475

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.438	4.147	4.147	1.00	1.560	4.040	4.040	1.00	1.680
14	8	4.319	4.146	0.96	1.441	4.177	4.010	0.96	1.562	4.063	3.900	0.96	1.683
14	9	4.499	3.959	0.88	1.453	4.345	3.824	0.88	1.577	4.218	3.712	0.88	1.699
16	8	4.459	4.459	1.00	1.450	4.326	4.326	1.00	1.575	4.215	4.215	1.00	1.699
16	9	4.533	4.261	0.94	1.455	4.379	4.116	0.94	1.579	4.256	4.001	0.94	1.703
16	11	4.741	4.077	0.86	1.467	4.580	3.939	0.86	1.595	4.445	3.823	0.86	1.722
18	10	4.645	4.645	1.00	1.461	4.508	4.508	1.00	1.590	4.394	4.394	1.00	1.717
18	11	4.760	4.427	0.93	1.468	4.598	4.276	0.93	1.596	4.463	4.151	0.93	1.724
18	12	4.995	4.196	0.84	1.480	4.826	4.054	0.84	1.613	4.682	3.933	0.84	1.744
20	16	5.429	3.855	0.71	1.460	5.185	3.681	0.71	1.567	4.941	3.508	0.71	1.696
20	18	5.856	3.455	0.59	1.498	5.673	3.347	0.59	1.612	5.307	3.131	0.59	1.734
20	20	6.344	2.982	0.47	1.536	6.100	2.867	0.47	1.643	5.734	2.695	0.47	1.764
22	16	5.429	4.289	0.79	1.460	5.185	4.096	0.79	1.567	4.941	3.903	0.79	1.696
22	18	5.856	3.924	0.67	1.498	5.673	3.801	0.67	1.612	5.307	3.556	0.67	1.734
22	20	6.344	3.489	0.55	1.536	6.100	3.355	0.55	1.643	5.734	3.154	0.55	1.764
24	16	5.429	4.723	0.87	1.460	5.185	4.511	0.87	1.567	4.941	4.299	0.87	1.696
24	18	5.856	4.392	0.75	1.498	5.673	4.255	0.75	1.612	5.307	3.980	0.75	1.734
24	20	6.344	3.997	0.63	1.536	6.100	3.843	0.63	1.643	5.734	3.612	0.63	1.764
24	22	6.832	3.484	0.51	1.567	6.588	3.360	0.51	1.688	6.222	3.173	0.51	1.795
26	16	5.429	5.158	0.95	1.460	5.185	4.926	0.95	1.567	4.941	4.694	0.95	1.696
26	18	5.856	4.860	0.83	1.498	5.673	4.709	0.83	1.612	5.307	4.405	0.83	1.734
26	20	6.344	4.504	0.71	1.536	6.100	4.331	0.71	1.643	5.734	4.071	0.71	1.764
26	22	6.832	4.031	0.59	1.567	6.588	3.887	0.59	1.688	6.222	3.671	0.59	1.795
27	16	5.429	5.375	0.99	1.460	5.185	5.133	0.99	1.567	4.941	4.892	0.99	1.696
27	18	5.856	5.095	0.87	1.498	5.673	4.936	0.87	1.612	5.307	4.617	0.87	1.734
27	20	6.344	4.758	0.75	1.536	6.100	4.575	0.75	1.643	5.734	4.301	0.75	1.764
27	22	6.832	4.304	0.63	1.567	6.588	4.150	0.63	1.688	6.222	3.920	0.63	1.795
28	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
28	18	5.856	5.329	0.91	1.498	5.673	5.162	0.91	1.612	5.307	4.829	0.91	1.734
28	20	6.344	5.012	0.79	1.536	6.100	4.819	0.79	1.643	5.734	4.530	0.79	1.764
28	22	6.832	4.577	0.67	1.567	6.588	4.414	0.67	1.688	6.222	4.169	0.67	1.795
30	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
30	18	5.856	5.797	0.99	1.498	5.673	5.616	0.99	1.612	5.307	5.254	0.99	1.734
30	20	6.344	5.519	0.87	1.536	6.100	5.307	0.87	1.643	5.734	4.989	0.87	1.764
30	22	6.832	5.124	0.75	1.567	6.588	4.941	0.75	1.688	6.222	4.667	0.75	1.795
32	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
32	18	5.856	5.856	1.00	1.498	5.673	5.673	1.00	1.612	5.307	5.307	1.00	1.734
32	20	6.344	6.027	0.95	1.536	6.100	5.795	0.95	1.643	5.734	5.447	0.95	1.764
32	22	6.832	5.671	0.83	1.567	6.588	5.468	0.83	1.688	6.222	5.164	0.83	1.795
34	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
34	18	5.856	5.856	1.00	1.498	5.673	5.673	1.00	1.612	5.307	5.307	1.00	1.734
34	20	6.344	6.344	1.00	1.536	6.100	6.100	1.00	1.643	5.734	5.734	1.00	1.764
34	22	6.832	6.217	0.91	1.567	6.588	5.995	0.91	1.688	6.222	5.662	0.91	1.795

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

COOLING CAPACITY
PCA-M71KA2 / PUZ-ZM71VHA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.878	0.98	1.729	4.827	4.730	0.98	1.875	4.702	4.608	0.98	2.020
14	8	5.027	4.575	0.91	1.733	4.862	4.424	0.91	1.879	4.729	4.303	0.91	2.023
14	9	5.237	4.347	0.83	1.747	5.057	4.197	0.83	1.896	4.909	4.074	0.83	2.043
16	8	5.190	5.086	0.98	1.744	5.035	4.934	0.98	1.894	4.906	4.808	0.98	2.043
16	9	5.276	4.696	0.89	1.750	5.096	4.535	0.89	1.899	4.953	4.408	0.89	2.048
16	11	5.519	4.470	0.81	1.764	5.331	4.318	0.81	1.919	5.173	4.190	0.81	2.071
18	10	5.406	5.244	0.97	1.757	5.247	5.090	0.97	1.912	5.114	4.961	0.97	2.065
18	11	5.540	4.875	0.88	1.765	5.352	4.710	0.88	1.920	5.194	4.571	0.88	2.073
18	12	5.814	4.593	0.79	1.780	5.618	4.438	0.79	1.940	5.450	4.306	0.79	2.098
20	16	6.319	4.171	0.66	1.756	6.035	3.983	0.66	1.884	5.751	3.796	0.66	2.039
20	18	6.816	3.681	0.54	1.802	6.603	3.566	0.54	1.939	6.177	3.336	0.54	2.085
20	20	7.384	3.101	0.42	1.847	7.100	2.982	0.42	1.975	6.674	2.803	0.42	2.122
22	16	6.319	4.676	0.74	1.756	6.035	4.466	0.74	1.884	5.751	4.256	0.74	2.039
22	18	6.816	4.226	0.62	1.802	6.603	4.094	0.62	1.939	6.177	3.830	0.62	2.085
22	20	7.384	3.692	0.50	1.847	7.100	3.550	0.50	1.975	6.674	3.337	0.50	2.122
24	16	6.319	5.182	0.82	1.756	6.035	4.949	0.82	1.884	5.751	4.716	0.82	2.039
24	18	6.816	4.771	0.70	1.802	6.603	4.622	0.70	1.939	6.177	4.324	0.70	2.085
24	20	7.384	4.283	0.58	1.847	7.100	4.118	0.58	1.975	6.674	3.871	0.58	2.122
24	22	7.952	3.658	0.46	1.884	7.668	3.527	0.46	2.030	7.242	3.331	0.46	2.158
26	16	6.319	5.687	0.90	1.756	6.035	5.432	0.90	1.884	5.751	5.176	0.90	2.039
26	18	6.816	5.316	0.78	1.802	6.603	5.150	0.78	1.939	6.177	4.818	0.78	2.085
26	20	7.384	4.873	0.66	1.847	7.100	4.686	0.66	1.975	6.674	4.405	0.66	2.122
26	22	7.952	4.294	0.54	1.884	7.668	4.141	0.54	2.030	7.242	3.911	0.54	2.158
27	16	6.319	5.940	0.94	1.756	6.035	5.673	0.94	1.884	5.751	5.406	0.94	2.039
27	18	6.816	5.589	0.82	1.802	6.603	5.414	0.82	1.939	6.177	5.065	0.82	2.085
27	20	7.384	5.169	0.70	1.847	7.100	4.970	0.70	1.975	6.674	4.672	0.70	2.122
27	22	7.952	4.612	0.58	1.884	7.668	4.447	0.58	2.030	7.242	4.200	0.58	2.158
28	16	6.319	6.193	0.98	1.756	6.035	5.914	0.98	1.884	5.751	5.636	0.98	2.039
28	18	6.816	5.862	0.86	1.802	6.603	5.679	0.86	1.939	6.177	5.312	0.86	2.085
28	20	7.384	5.464	0.74	1.847	7.100	5.254	0.74	1.975	6.674	4.939	0.74	2.122
28	22	7.952	4.930	0.62	1.884	7.668	4.754	0.62	2.030	7.242	4.490	0.62	2.158
30	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
30	18	6.816	6.407	0.94	1.802	6.603	6.207	0.94	1.939	6.177	5.806	0.94	2.085
30	20	7.384	6.055	0.82	1.847	7.100	5.822	0.82	1.975	6.674	5.473	0.82	2.122
30	22	7.952	5.566	0.70	1.884	7.668	5.368	0.70	2.030	7.242	5.069	0.70	2.158
32	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
32	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
32	20	7.384	6.646	0.90	1.847	7.100	6.390	0.90	1.975	6.674	6.007	0.90	2.122
32	22	7.952	6.203	0.78	1.884	7.668	5.981	0.78	2.030	7.242	5.649	0.78	2.158
34	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
34	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
34	20	7.384	7.236	0.98	1.847	7.100	6.958	0.98	1.975	6.674	6.541	0.98	2.122
34	22	7.952	6.839	0.86	1.884	7.668	6.594	0.86	2.030	7.242	6.228	0.86	2.158

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.246	6.458	6.393	0.99	2.435	6.291	6.228	0.99	2.623
14	8	6.727	6.189	0.92	2.250	6.505	5.985	0.92	2.440	6.328	5.822	0.92	2.627
14	9	7.007	5.886	0.84	2.268	6.767	5.684	0.84	2.462	6.569	5.518	0.84	2.653
16	8	6.945	6.876	0.99	2.265	6.737	6.670	0.99	2.459	6.565	6.499	0.99	2.653
16	9	7.059	6.353	0.90	2.272	6.819	6.137	0.90	2.466	6.628	5.965	0.90	2.659
16	11	7.384	6.055	0.82	2.291	7.133	5.849	0.82	2.491	6.922	5.676	0.82	2.689
18	10	7.233	7.088	0.98	2.282	7.021	6.881	0.98	2.483	6.843	6.706	0.98	2.681
18	11	7.413	6.598	0.89	2.292	7.161	6.373	0.89	2.493	6.950	6.186	0.89	2.692
18	12	7.779	6.223	0.80	2.311	7.516	6.013	0.80	2.519	7.292	5.834	0.80	2.724
20	16	8.455	5.665	0.67	2.280	8.075	5.410	0.67	2.446	7.695	5.156	0.67	2.648
20	18	9.120	5.016	0.55	2.339	8.835	4.859	0.55	2.518	8.265	4.546	0.55	2.708
20	20	9.880	4.248	0.43	2.399	9.500	4.085	0.43	2.565	8.930	3.840	0.43	2.755
22	16	8.455	6.341	0.75	2.280	8.075	6.056	0.75	2.446	7.695	5.771	0.75	2.648
22	18	9.120	5.746	0.63	2.339	8.835	5.566	0.63	2.518	8.265	5.207	0.63	2.708
22	20	9.880	5.039	0.51	2.399	9.500	4.845	0.51	2.565	8.930	4.554	0.51	2.755
24	16	8.455	7.018	0.83	2.280	8.075	6.702	0.83	2.446	7.695	6.387	0.83	2.648
24	18	9.120	6.475	0.71	2.339	8.835	6.273	0.71	2.518	8.265	5.868	0.71	2.708
24	20	9.880	5.829	0.59	2.399	9.500	5.605	0.59	2.565	8.930	5.269	0.59	2.755
24	22	10.640	5.001	0.47	2.446	10.260	4.822	0.47	2.636	9.690	4.554	0.47	2.803
26	16	8.455	7.694	0.91	2.280	8.075	7.348	0.91	2.446	7.695	7.002	0.91	2.648
26	18	9.120	7.205	0.79	2.339	8.835	6.980	0.79	2.518	8.265	6.529	0.79	2.708
26	20	9.880	6.620	0.67	2.399	9.500	6.365	0.67	2.565	8.930	5.983	0.67	2.755
26	22	10.640	5.852	0.55	2.446	10.260	5.643	0.55	2.636	9.690	5.330	0.55	2.803
27	16	8.455	8.032	0.95	2.280	8.075	7.671	0.95	2.446	7.695	7.310	0.95	2.648
27	18	9.120	7.570	0.83	2.339	8.835	7.333	0.83	2.518	8.265	6.860	0.83	2.708
27	20	9.880	7.015	0.71	2.399	9.500	6.745	0.71	2.565	8.930	6.340	0.71	2.755
27	22	10.640	6.278	0.59	2.446	10.260	6.053	0.59	2.636	9.690	5.717	0.59	2.803
28	16	8.455	8.370	0.99	2.280	8.075	7.994	0.99	2.446	7.695	7.618	0.99	2.648
28	18	9.120	7.934	0.87	2.339	8.835	7.686	0.87	2.518	8.265	7.191	0.87	2.708
28	20	9.880	7.410	0.75	2.399	9.500	7.125	0.75	2.565	8.930	6.698	0.75	2.755
28	22	10.640	6.703	0.63	2.446	10.260	6.464	0.63	2.636	9.690	6.105	0.63	2.803
30	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
30	18	9.120	8.664	0.95	2.339	8.835	8.393	0.95	2.518	8.265	7.852	0.95	2.708
30	20	9.880	8.200	0.83	2.399	9.500	7.885	0.83	2.565	8.930	7.412	0.83	2.755
30	22	10.640	7.554	0.71	2.446	10.260	7.285	0.71	2.636	9.690	6.880	0.71	2.803
32	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
32	18	9.120	9.120	1.00	2.339	8.835	8.835	1.00	2.518	8.265	8.265	1.00	2.708
32	20	9.880	8.991	0.91	2.399	9.500	8.645	0.91	2.565	8.930	8.126	0.91	2.755
32	22	10.640	8.406	0.79	2.446	10.260	8.105	0.79	2.636	9.690	7.655	0.79	2.803
34	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
34	18	9.120	9.120	1.00	2.339	8.835	8.835	1.00	2.518	8.265	8.265	1.00	2.708
34	20	9.880	9.781	0.99	2.399	9.500	9.405	0.99	2.565	8.930	8.841	0.99	2.755
34	22	10.640	9.257	0.87	2.446	10.260	8.926	0.87	2.636	9.690	8.430	0.87	2.803

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.637	8.497	7.987	0.94	3.944	8.278	7.781	0.94	4.247
14	8	8.851	7.700	0.87	3.644	8.559	7.446	0.87	3.951	8.326	7.244	0.87	4.254
14	9	9.220	7.284	0.79	3.673	8.904	7.034	0.79	3.987	8.643	6.828	0.79	4.297
16	8	9.138	8.590	0.94	3.667	8.865	8.333	0.94	3.983	8.638	8.120	0.94	4.296
16	9	9.288	7.895	0.85	3.679	8.973	7.627	0.85	3.993	8.721	7.413	0.85	4.306
16	11	9.716	7.481	0.77	3.709	9.385	7.226	0.77	4.034	9.108	7.013	0.77	4.354
18	10	9.517	8.851	0.93	3.695	9.239	8.592	0.93	4.020	9.003	8.373	0.93	4.341
18	11	9.754	8.193	0.84	3.712	9.422	7.914	0.84	4.037	9.145	7.682	0.84	4.359
18	12	10.236	7.677	0.75	3.742	9.890	7.418	0.75	4.079	9.595	7.196	0.75	4.411
20	16	11.125	6.898	0.62	3.692	10.625	6.588	0.62	3.961	10.125	6.278	0.62	4.288
20	18	12.000	6.000	0.50	3.788	11.625	5.813	0.50	4.077	10.875	5.438	0.50	4.384
20	20	13.000	4.940	0.38	3.884	12.500	4.750	0.38	4.154	11.750	4.465	0.38	4.461
22	16	11.125	7.788	0.70	3.692	10.625	7.438	0.70	3.961	10.125	7.088	0.70	4.288
22	18	12.000	6.960	0.58	3.788	11.625	6.743	0.58	4.077	10.875	6.308	0.58	4.384
22	20	13.000	5.980	0.46	3.884	12.500	5.750	0.46	4.154	11.750	5.405	0.46	4.461
24	16	11.125	8.678	0.78	3.692	10.625	8.288	0.78	3.961	10.125	7.898	0.78	4.288
24	18	12.000	7.920	0.66	3.788	11.625	7.673	0.66	4.077	10.875	7.178	0.66	4.384
24	20	13.000	7.020	0.54	3.884	12.500	6.750	0.54	4.154	11.750	6.345	0.54	4.461
24	22	14.000	5.880	0.42	3.961	13.500	5.670	0.42	4.269	12.750	5.355	0.42	4.538
26	16	11.125	9.568	0.86	3.692	10.625	9.138	0.86	3.961	10.125	8.708	0.86	4.288
26	18	12.000	8.880	0.74	3.788	11.625	8.603	0.74	4.077	10.875	8.048	0.74	4.384
26	20	13.000	8.060	0.62	3.884	12.500	7.750	0.62	4.154	11.750	7.285	0.62	4.461
26	22	14.000	7.000	0.50	3.961	13.500	6.750	0.50	4.269	12.750	6.375	0.50	4.538
27	16	11.125	10.013	0.90	3.692	10.625	9.563	0.90	3.961	10.125	9.113	0.90	4.288
27	18	12.000	9.360	0.78	3.788	11.625	9.068	0.78	4.077	10.875	8.483	0.78	4.384
27	20	13.000	8.580	0.66	3.884	12.500	8.250	0.66	4.154	11.750	7.755	0.66	4.461
27	22	14.000	7.560	0.54	3.961	13.500	7.290	0.54	4.269	12.750	6.885	0.54	4.538
28	16	11.125	10.458	0.94	3.692	10.625	9.988	0.94	3.961	10.125	9.518	0.94	4.288
28	18	12.000	9.840	0.82	3.788	11.625	9.533	0.82	4.077	10.875	8.918	0.82	4.384
28	20	13.000	9.100	0.70	3.884	12.500	8.750	0.70	4.154	11.750	8.225	0.70	4.461
28	22	14.000	8.120	0.58	3.961	13.500	7.830	0.58	4.269	12.750	7.395	0.58	4.538
30	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
30	18	12.000	10.800	0.90	3.788	11.625	10.463	0.90	4.077	10.875	9.788	0.90	4.384
30	20	13.000	10.140	0.78	3.884	12.500	9.750	0.78	4.154	11.750	9.165	0.78	4.461
30	22	14.000	9.240	0.66	3.961	13.500	8.910	0.66	4.269	12.750	8.415	0.66	4.538
32	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
32	18	12.000	11.760	0.98	3.788	11.625	11.393	0.98	4.077	10.875	10.658	0.98	4.384
32	20	13.000	11.180	0.86	3.884	12.500	10.750	0.86	4.154	11.750	10.105	0.86	4.461
32	22	14.000	10.360	0.74	3.961	13.500	9.990	0.74	4.269	12.750	9.435	0.74	4.538
34	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
34	18	12.000	12.000	1.00	3.788	11.625	11.625	1.00	4.077	10.875	10.875	1.00	4.384
34	20	13.000	12.220	0.94	3.884	12.500	11.750	0.94	4.154	11.750	11.045	0.94	4.461
34	22	14.000	11.480	0.82	3.961	13.500	11.070	0.82	4.269	12.750	10.455	0.82	4.538

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

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

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

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

COOLING CAPACITY
PCA-M35KA2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.961	0.70	0.720	4.050	2.835	0.70	0.756	3.888	2.722	0.70	0.792	3.744	2.621	0.70	0.828
21	20	4.410	2.558	0.58	0.756	4.230	2.453	0.58	0.801	4.104	2.380	0.58	0.819	3.960	2.297	0.58	0.855
22	18	4.230	3.130	0.74	0.720	4.050	2.997	0.74	0.756	3.888	2.877	0.74	0.792	3.744	2.771	0.74	0.828
22	20	4.410	2.734	0.62	0.756	4.230	2.623	0.62	0.801	4.104	2.544	0.62	0.819	3.960	2.455	0.62	0.855
22	22	4.590	2.295	0.50	0.783	4.428	2.214	0.50	0.833	4.320	2.160	0.50	0.855	4.140	2.070	0.50	0.891
23	18	4.230	3.299	0.78	0.720	4.050	3.159	0.78	0.756	3.888	3.033	0.78	0.792	3.744	2.920	0.78	0.828
23	20	4.410	2.911	0.66	0.756	4.230	2.792	0.66	0.801	4.104	2.709	0.66	0.819	3.960	2.614	0.66	0.855
23	22	4.590	2.479	0.54	0.783	4.428	2.391	0.54	0.833	4.320	2.333	0.54	0.855	4.140	2.236	0.54	0.891
24	18	4.230	3.469	0.82	0.720	4.050	3.321	0.82	0.756	3.888	3.188	0.82	0.792	3.744	3.070	0.82	0.828
24	20	4.410	3.087	0.70	0.756	4.230	2.961	0.70	0.801	4.104	2.873	0.70	0.819	3.960	2.772	0.70	0.855
24	22	4.590	2.662	0.58	0.783	4.428	2.568	0.58	0.833	4.320	2.506	0.58	0.855	4.140	2.401	0.58	0.891
24	24	4.824	2.219	0.46	0.819	4.644	2.136	0.46	0.864	4.536	2.087	0.46	0.891	4.392	2.020	0.46	0.936
25	20	4.410	3.263	0.74	0.756	4.230	3.130	0.74	0.801	4.104	3.037	0.74	0.819	3.960	2.930	0.74	0.855
25	22	4.590	2.846	0.62	0.783	4.428	2.745	0.62	0.833	4.320	2.678	0.62	0.855	4.140	2.567	0.62	0.891
25	24	4.824	2.412	0.50	0.819	4.644	2.322	0.50	0.864	4.536	2.268	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	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
29	20	4.410	3.969	0.90	0.756	4.230	3.807	0.90	0.801	4.104	3.694	0.90	0.819	3.960	3.564	0.90	0.855
29	22	4.590	3.580	0.78	0.783	4.428	3.454	0.78	0.833	4.320	3.370	0.78	0.855	4.140	3.229	0.78	0.891
29	24	4.824	3.184	0.66	0.819	4.644	3.065	0.66	0.864	4.536	2.994	0.66	0.891	4.392	2.899	0.66	0.936
29	26	4.968	2.683	0.54	0.864	4.824	2.605	0.54	0.909	4.752	2.566	0.54	0.936	4.608	2.488	0.54	0.963
30	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
30	20	4.410	4.145	0.94	0.756	4.230	3.976	0.94	0.801	4.104	3.858	0.94	0.819	3.960	3.722	0.94	0.855
30	22	4.590	3.764	0.82	0.783	4.428	3.631	0.82	0.833	4.320	3.542	0.82	0.855	4.140	3.395	0.82	0.891
30	24	4.824	3.377	0.70	0.819	4.644	3.251	0.70	0.864	4.536	3.175	0.70	0.891	4.392	3.074	0.70	0.936
30	26	4.968	2.881	0.58	0.864	4.824	2.798	0.58	0.909	4.752	2.756	0.58	0.936	4.608	2.673	0.58	0.963
31	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
31	20	4.410	4.322	0.98	0.756	4.230	4.145	0.98	0.801	4.104	4.022	0.98	0.819	3.960	3.881	0.98	0.855
31	22	4.590	3.947	0.86	0.783	4.428	3.808	0.86	0.833	4.320	3.715	0.86	0.855	4.140	3.560	0.86	0.891
31	24	4.824	3.570	0.74	0.819	4.644	3.437	0.74	0.864	4.536	3.357	0.74	0.891	4.392	3.250	0.74	0.936
31	26	4.968	3.080	0.62	0.864	4.824	2.991	0.62	0.909	4.752	2.946	0.62	0.936	4.608	2.857	0.62	0.963
32	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
32	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
32	22	4.590	4.131	0.90	0.783	4.428	3.985	0.90	0.833	4.320	3.888	0.90	0.855	4.140	3.726	0.90	0.891
32	24	4.824	3.763	0.78	0.819	4.644	3.622	0.78	0.864	4.536	3.538	0.78	0.891	4.392	3.426	0.78	0.936
32	26	4.968	3.279	0.66	0.864	4.824	3.184	0.66	0.909	4.752	3.136	0.66	0.936	4.608	3.041	0.66	0.963

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

COOLING CAPACITY
PCA-M35KA2 / SUZ-M35VA

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

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

COOLING CAPACITY
PCA-M50KA2 / SUZ-M50VA

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

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

COOLING CAPACITY
PCA-M50KA2 / SUZ-M50VA

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

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

COOLING CAPACITY
PCA-M60KA2 / SUZ-M60VA

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

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

COOLING CAPACITY
PCA-M60KA2 / SUZ-M60VA

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

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

COOLING CAPACITY
PCA-M71KA2 / SUZ-M71VA

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

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

COOLING CAPACITY
PCA-M71KA2 / SUZ-M71VA

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

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.781	6.458	6.393	0.99	3.016	6.291	6.228	0.99	3.248
14	8	6.727	6.189	0.92	2.786	6.505	5.985	0.92	3.021	6.328	5.822	0.92	3.253
14	9	7.007	5.886	0.84	2.809	6.767	5.684	0.84	3.049	6.569	5.518	0.84	3.286
16	8	6.945	6.876	0.99	2.804	6.737	6.670	0.99	3.045	6.565	6.499	0.99	3.285
16	9	7.059	6.353	0.90	2.813	6.819	6.137	0.90	3.053	6.628	5.965	0.90	3.293
16	11	7.384	6.055	0.82	2.837	7.133	5.849	0.82	3.085	6.922	5.676	0.82	3.330
18	10	7.233	7.088	0.98	2.826	7.021	6.881	0.98	3.074	6.843	6.706	0.98	3.320
18	11	7.413	6.598	0.89	2.838	7.161	6.373	0.89	3.087	6.950	6.186	0.89	3.333
18	12	7.779	6.223	0.80	2.862	7.516	6.013	0.80	3.119	7.292	5.834	0.80	3.373
20	16	8.455	5.665	0.67	2.823	8.075	5.410	0.67	3.029	7.695	5.156	0.67	3.279
20	18	9.120	5.016	0.55	2.897	8.835	4.859	0.55	3.117	8.265	4.546	0.55	3.353
20	20	9.880	4.248	0.43	2.970	9.500	4.085	0.43	3.176	8.930	3.840	0.43	3.412
22	16	8.455	6.341	0.75	2.823	8.075	6.056	0.75	3.029	7.695	5.771	0.75	3.279
22	18	9.120	5.746	0.63	2.897	8.835	5.566	0.63	3.117	8.265	5.207	0.63	3.353
22	20	9.880	5.039	0.51	2.970	9.500	4.845	0.51	3.176	8.930	4.554	0.51	3.412
24	16	8.455	7.018	0.83	2.823	8.075	6.702	0.83	3.029	7.695	6.387	0.83	3.279
24	18	9.120	6.475	0.71	2.897	8.835	6.273	0.71	3.117	8.265	5.868	0.71	3.353
24	20	9.880	5.829	0.59	2.970	9.500	5.605	0.59	3.176	8.930	5.269	0.59	3.412
24	22	10.640	5.001	0.47	3.029	10.260	4.822	0.47	3.265	9.690	4.554	0.47	3.470
26	16	8.455	7.694	0.91	2.823	8.075	7.348	0.91	3.029	7.695	7.002	0.91	3.279
26	18	9.120	7.205	0.79	2.897	8.835	6.980	0.79	3.117	8.265	6.529	0.79	3.353
26	20	9.880	6.620	0.67	2.970	9.500	6.365	0.67	3.176	8.930	5.983	0.67	3.412
26	22	10.640	5.852	0.55	3.029	10.260	5.643	0.55	3.265	9.690	5.330	0.55	3.470
27	16	8.455	8.032	0.95	2.823	8.075	7.671	0.95	3.029	7.695	7.310	0.95	3.279
27	18	9.120	7.570	0.83	2.897	8.835	7.333	0.83	3.117	8.265	6.860	0.83	3.353
27	20	9.880	7.015	0.71	2.970	9.500	6.745	0.71	3.176	8.930	6.340	0.71	3.412
27	22	10.640	6.278	0.59	3.029	10.260	6.053	0.59	3.265	9.690	5.717	0.59	3.470
28	16	8.455	8.370	0.99	2.823	8.075	7.994	0.99	3.029	7.695	7.618	0.99	3.279
28	18	9.120	7.934	0.87	2.897	8.835	7.686	0.87	3.117	8.265	7.191	0.87	3.353
28	20	9.880	7.410	0.75	2.970	9.500	7.125	0.75	3.176	8.930	6.698	0.75	3.412
28	22	10.640	6.703	0.63	3.029	10.260	6.464	0.63	3.265	9.690	6.105	0.63	3.470
30	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
30	18	9.120	8.664	0.95	2.897	8.835	8.393	0.95	3.117	8.265	7.852	0.95	3.353
30	20	9.880	8.200	0.83	2.970	9.500	7.885	0.83	3.176	8.930	7.412	0.83	3.412
30	22	10.640	7.554	0.71	3.029	10.260	7.285	0.71	3.265	9.690	6.880	0.71	3.470
32	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
32	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
32	20	9.880	8.991	0.91	2.970	9.500	8.645	0.91	3.176	8.930	8.126	0.91	3.412
32	22	10.640	8.406	0.79	3.029	10.260	8.105	0.79	3.265	9.690	7.655	0.79	3.470
34	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
34	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
34	20	9.880	9.781	0.99	2.970	9.500	9.405	0.99	3.176	8.930	8.841	0.99	3.412
34	22	10.640	9.257	0.87	3.029	10.260	8.926	0.87	3.265	9.690	8.430	0.87	3.470

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	2.947	8.936	8.400	0.94	3.218	8.722	8.199	0.94	3.490
14	8	9.345	8.130	0.87	2.945	9.095	7.913	0.87	3.222	8.845	7.695	0.87	3.499
14	9	9.732	7.688	0.79	2.940	9.471	7.482	0.79	3.229	9.211	7.277	0.79	3.518
16	8	9.533	8.961	0.94	2.942	9.312	8.753	0.94	3.227	9.091	8.546	0.94	3.512
16	9	9.802	8.332	0.85	2.939	9.541	8.110	0.85	3.231	9.279	7.887	0.85	3.522
16	11	10.253	7.895	0.77	2.932	9.979	7.684	0.77	3.238	9.704	7.472	0.77	3.544
18	10	9.927	9.232	0.93	2.937	9.696	9.017	0.93	3.234	9.465	8.802	0.93	3.532
18	11	10.292	8.645	0.84	2.933	10.016	8.413	0.84	3.239	9.740	8.182	0.84	3.546
18	12	10.807	8.105	0.75	2.923	10.514	7.886	0.75	3.244	10.221	7.666	0.75	3.565
20	16	11.979	7.427	0.62	3.215	11.616	7.202	0.62	3.396	11.253	6.977	0.62	3.597
20	18	12.826	6.413	0.50	3.275	12.463	6.232	0.50	3.456	12.040	6.020	0.50	3.697
20	20	13.794	5.242	0.38	3.376	13.492	5.127	0.38	3.537	13.129	4.989	0.38	3.778
22	16	11.979	8.385	0.70	3.215	11.616	8.131	0.70	3.396	11.253	7.877	0.70	3.597
22	18	12.826	7.439	0.58	3.275	12.463	7.229	0.58	3.456	12.040	6.983	0.58	3.697
22	20	13.794	6.345	0.46	3.376	13.492	6.206	0.46	3.537	13.129	6.039	0.46	3.778
24	16	11.979	9.344	0.78	3.215	11.616	9.060	0.78	3.396	11.253	8.777	0.78	3.597
24	18	12.826	8.465	0.66	3.275	12.463	8.226	0.66	3.456	12.040	7.946	0.66	3.697
24	20	13.794	7.449	0.54	3.376	13.492	7.286	0.54	3.537	13.129	7.090	0.54	3.778
24	22	14.702	6.175	0.42	3.456	14.399	6.048	0.42	3.657	14.036	5.895	0.42	3.898
26	16	11.979	10.302	0.86	3.215	11.616	9.990	0.86	3.396	11.253	9.678	0.86	3.597
26	18	12.826	9.491	0.74	3.275	12.463	9.223	0.74	3.456	12.040	8.910	0.74	3.697
26	20	13.794	8.552	0.62	3.376	13.492	8.365	0.62	3.537	13.129	8.140	0.62	3.778
26	22	14.702	7.351	0.50	3.456	14.399	7.200	0.50	3.657	14.036	7.018	0.50	3.898
27	16	11.979	10.781	0.90	3.215	11.616	10.454	0.90	3.396	11.253	10.128	0.90	3.597
27	18	12.826	10.004	0.78	3.275	12.463	9.721	0.78	3.456	12.040	9.391	0.78	3.697
27	20	13.794	9.104	0.66	3.376	13.492	8.905	0.66	3.537	13.129	8.665	0.66	3.778
27	22	14.702	7.939	0.54	3.456	14.399	7.775	0.54	3.657	14.036	7.579	0.54	3.898
28	16	11.979	11.260	0.94	3.215	11.616	10.919	0.94	3.396	11.253	10.578	0.94	3.597
28	18	12.826	10.517	0.82	3.275	12.463	10.220	0.82	3.456	12.040	9.873	0.82	3.697
28	20	13.794	9.656	0.70	3.376	13.492	9.444	0.70	3.537	13.129	9.190	0.70	3.778
28	22	14.702	8.527	0.58	3.456	14.399	8.351	0.58	3.657	14.036	8.141	0.58	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	11.543	0.90	3.275	12.463	11.217	0.90	3.456	12.040	10.836	0.90	3.697
30	20	13.794	10.759	0.78	3.376	13.492	10.524	0.78	3.537	13.129	10.241	0.78	3.778
30	22	14.702	9.703	0.66	3.456	14.399	9.503	0.66	3.657	14.036	9.264	0.66	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.569	0.98	3.275	12.463	12.214	0.98	3.456	12.040	11.799	0.98	3.697
32	20	13.794	11.863	0.86	3.376	13.492	11.603	0.86	3.537	13.129	11.291	0.86	3.778
32	22	14.702	10.879	0.74	3.456	14.399	10.655	0.74	3.657	14.036	10.387	0.74	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	12.966	0.94	3.376	13.492	12.682	0.94	3.537	13.129	12.341	0.94	3.778
34	22	14.702	12.056	0.82	3.456	14.399	11.807	0.82	3.657	14.036	11.510	0.82	3.898

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	3.800	8.225	7.732	0.94	4.121	8.013	7.532	0.94	4.438
14	8	8.568	7.454	0.87	3.807	8.285	7.208	0.87	4.128	8.060	7.012	0.87	4.446
14	9	8.925	7.051	0.79	3.838	8.619	6.809	0.79	4.167	8.366	6.609	0.79	4.490
16	8	8.845	8.314	0.94	3.832	8.581	8.066	0.94	4.162	8.361	7.859	0.94	4.489
16	9	8.991	7.642	0.85	3.844	8.685	7.382	0.85	4.173	8.441	7.175	0.85	4.500
16	11	9.405	7.242	0.77	3.876	9.085	6.995	0.77	4.216	8.817	6.789	0.77	4.550
18	10	9.213	8.568	0.93	3.862	8.943	8.317	0.93	4.201	8.715	8.105	0.93	4.537
18	11	9.441	7.930	0.84	3.879	9.120	7.661	0.84	4.218	8.852	7.436	0.84	4.555
18	12	9.908	7.431	0.75	3.911	9.574	7.181	0.75	4.263	9.288	6.966	0.75	4.609
20	16	10.769	6.677	0.62	3.858	10.285	6.377	0.62	4.140	9.801	6.077	0.62	4.481
20	18	11.616	5.808	0.50	3.959	11.253	5.627	0.50	4.260	10.527	5.264	0.50	4.582
20	20	12.584	4.782	0.38	4.059	12.100	4.598	0.38	4.341	11.374	4.322	0.38	4.662
22	16	10.769	7.538	0.70	3.858	10.285	7.200	0.70	4.140	9.801	6.861	0.70	4.481
22	18	11.616	6.737	0.58	3.959	11.253	6.527	0.58	4.260	10.527	6.106	0.58	4.582
22	20	12.584	5.789	0.46	4.059	12.100	5.566	0.46	4.341	11.374	5.232	0.46	4.662
24	16	10.769	8.400	0.78	3.858	10.285	8.022	0.78	4.140	9.801	7.645	0.78	4.481
24	18	11.616	7.667	0.66	3.959	11.253	7.427	0.66	4.260	10.527	6.948	0.66	4.582
24	20	12.584	6.795	0.54	4.059	12.100	6.534	0.54	4.341	11.374	6.142	0.54	4.662
24	22	13.552	5.692	0.42	4.140	13.068	5.489	0.42	4.461	12.342	5.184	0.42	4.742
26	16	10.769	9.261	0.86	3.858	10.285	8.845	0.86	4.140	9.801	8.429	0.86	4.481
26	18	11.616	8.596	0.74	3.959	11.253	8.327	0.74	4.260	10.527	7.790	0.74	4.582
26	20	12.584	7.802	0.62	4.059	12.100	7.502	0.62	4.341	11.374	7.052	0.62	4.662
26	22	13.552	6.776	0.50	4.140	13.068	6.534	0.50	4.461	12.342	6.171	0.50	4.742
27	16	10.769	9.692	0.90	3.858	10.285	9.257	0.90	4.140	9.801	8.821	0.90	4.481
27	18	11.616	9.060	0.78	3.959	11.253	8.777	0.78	4.260	10.527	8.211	0.78	4.582
27	20	12.584	8.305	0.66	4.059	12.100	7.986	0.66	4.341	11.374	7.507	0.66	4.662
27	22	13.552	7.318	0.54	4.140	13.068	7.057	0.54	4.461	12.342	6.665	0.54	4.742
28	16	10.769	10.123	0.94	3.858	10.285	9.668	0.94	4.140	9.801	9.213	0.94	4.481
28	18	11.616	9.525	0.82	3.959	11.253	9.227	0.82	4.260	10.527	8.632	0.82	4.582
28	20	12.584	8.809	0.70	4.059	12.100	8.470	0.70	4.341	11.374	7.962	0.70	4.662
28	22	13.552	7.860	0.58	4.140	13.068	7.579	0.58	4.461	12.342	7.158	0.58	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	10.454	0.90	3.959	11.253	10.128	0.90	4.260	10.527	9.474	0.90	4.582
30	20	12.584	9.816	0.78	4.059	12.100	9.438	0.78	4.341	11.374	8.872	0.78	4.662
30	22	13.552	8.944	0.66	4.140	13.068	8.625	0.66	4.461	12.342	8.146	0.66	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.384	0.98	3.959	11.253	11.028	0.98	4.260	10.527	10.316	0.98	4.582
32	20	12.584	10.822	0.86	4.059	12.100	10.406	0.86	4.341	11.374	9.782	0.86	4.662
32	22	13.552	10.028	0.74	4.140	13.068	9.670	0.74	4.461	12.342	9.133	0.74	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
34	20	12.584	11.829	0.94	4.059	12.100	11.374	0.94	4.341	11.374	10.692	0.94	4.662
34	22	13.552	11.113	0.82	4.140	13.068	10.716	0.82	4.461	12.342	10.120	0.82	4.742

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

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

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.830	0.94	5.068	9.109	8.562	0.94	5.496	8.874	8.342	0.94	5.919
14	8	9.488	8.255	0.87	5.078	9.175	7.982	0.87	5.506	8.926	7.766	0.87	5.929
14	9	9.883	7.808	0.79	5.119	9.545	7.541	0.79	5.557	9.265	7.319	0.79	5.988
16	8	9.796	9.208	0.94	5.111	9.503	8.933	0.94	5.550	9.260	8.704	0.94	5.987
16	9	9.957	8.463	0.85	5.127	9.619	8.176	0.85	5.565	9.348	7.946	0.85	6.001
16	11	10.415	8.020	0.77	5.170	10.061	7.747	0.77	5.622	9.764	7.518	0.77	6.069
18	10	10.203	9.489	0.93	5.150	9.904	9.211	0.93	5.603	9.652	8.976	0.93	6.051
18	11	10.456	8.783	0.84	5.173	10.100	8.484	0.84	5.626	9.803	8.235	0.84	6.075
18	12	10.973	8.230	0.75	5.216	10.602	7.952	0.75	5.685	10.286	7.715	0.75	6.147
20	16	11.926	7.394	0.62	5.146	11.390	7.062	0.62	5.521	10.854	6.729	0.62	5.976
20	18	12.864	6.432	0.50	5.280	12.462	6.231	0.50	5.682	11.658	5.829	0.50	6.110
20	20	13.936	5.296	0.38	5.414	13.400	5.092	0.38	5.789	12.596	4.786	0.38	6.218
22	16	11.926	8.348	0.70	5.146	11.390	7.973	0.70	5.521	10.854	7.598	0.70	5.976
22	18	12.864	7.461	0.58	5.280	12.462	7.228	0.58	5.682	11.658	6.762	0.58	6.110
22	20	13.936	6.411	0.46	5.414	13.400	6.164	0.46	5.789	12.596	5.794	0.46	6.218
24	16	11.926	9.302	0.78	5.146	11.390	8.884	0.78	5.521	10.854	8.466	0.78	5.976
24	18	12.864	8.490	0.66	5.280	12.462	8.225	0.66	5.682	11.658	7.694	0.66	6.110
24	20	13.936	7.525	0.54	5.414	13.400	7.236	0.54	5.789	12.596	6.802	0.54	6.218
24	22	15.008	6.303	0.42	5.521	14.472	6.078	0.42	5.950	13.668	5.741	0.42	6.325
26	16	11.926	10.256	0.86	5.146	11.390	9.795	0.86	5.521	10.854	9.334	0.86	5.976
26	18	12.864	9.519	0.74	5.280	12.462	9.222	0.74	5.682	11.658	8.627	0.74	6.110
26	20	13.936	8.640	0.62	5.414	13.400	8.308	0.62	5.789	12.596	7.810	0.62	6.218
26	22	15.008	7.504	0.50	5.521	14.472	7.236	0.50	5.950	13.668	6.834	0.50	6.325
27	16	11.926	10.733	0.90	5.146	11.390	10.251	0.90	5.521	10.854	9.769	0.90	5.976
27	18	12.864	10.034	0.78	5.280	12.462	9.720	0.78	5.682	11.658	9.093	0.78	6.110
27	20	13.936	9.198	0.66	5.414	13.400	8.844	0.66	5.789	12.596	8.313	0.66	6.218
27	22	15.008	8.104	0.54	5.521	14.472	7.815	0.54	5.950	13.668	7.381	0.54	6.325
28	16	11.926	11.210	0.94	5.146	11.390	10.707	0.94	5.521	10.854	10.203	0.94	5.976
28	18	12.864	10.548	0.82	5.280	12.462	10.219	0.82	5.682	11.658	9.560	0.82	6.110
28	20	13.936	9.755	0.70	5.414	13.400	9.380	0.70	5.789	12.596	8.817	0.70	6.218
28	22	15.008	8.705	0.58	5.521	14.472	8.394	0.58	5.950	13.668	7.927	0.58	6.325
30	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
30	18	12.864	11.578	0.90	5.280	12.462	11.216	0.90	5.682	11.658	10.492	0.90	6.110
30	20	13.936	10.870	0.78	5.414	13.400	10.452	0.78	5.789	12.596	9.825	0.78	6.218
30	22	15.008	9.905	0.66	5.521	14.472	9.552	0.66	5.950	13.668	9.021	0.66	6.325
32	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
32	18	12.864	12.607	0.98	5.280	12.462	12.213	0.98	5.682	11.658	11.425	0.98	6.110
32	20	13.936	11.985	0.86	5.414	13.400	11.524	0.86	5.789	12.596	10.833	0.86	6.218
32	22	15.008	11.106	0.74	5.521	14.472	10.709	0.74	5.950	13.668	10.114	0.74	6.325
34	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
34	18	12.864	12.864	1.00	5.280	12.462	12.462	1.00	5.682	11.658	11.658	1.00	6.110
34	20	13.936	13.100	0.94	5.414	13.400	12.596	0.94	5.789	12.596	11.840	0.94	6.218
34	22	15.008	12.307	0.82	5.521	14.472	11.867	0.82	5.950	13.668	11.208	0.82	6.325

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

HEATING CAPACITY
PCA-M·KA2 / PUZ-ZM·VHA2 PUZ-ZM·VKA2 PUZ-ZM·YKA2

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

PCA-M·KA2 / SUZ-M·VA

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

PCA-M·KA2 / PUZ-M·VKA2 PUZ-M·YKA2

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

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

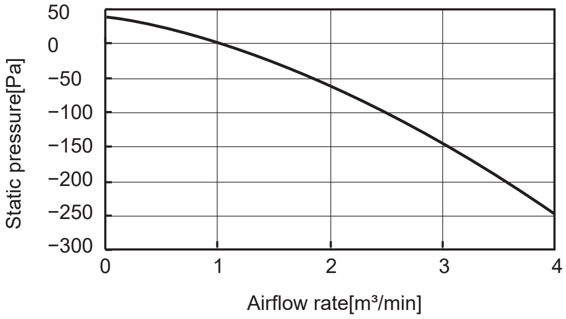
A.3.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

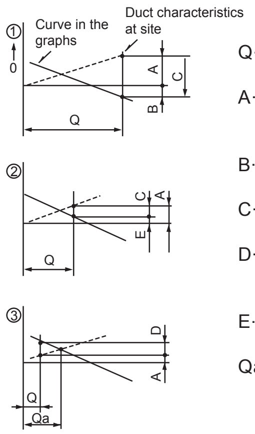
■ **PCA-M35KA2**
PCA-M50KA2

■ **PCA-M60KA2**
PCA-M71KA2

■ **PCA-M100KA2**
PCA-M125KA2
PCA-M140KA2



How to read curves

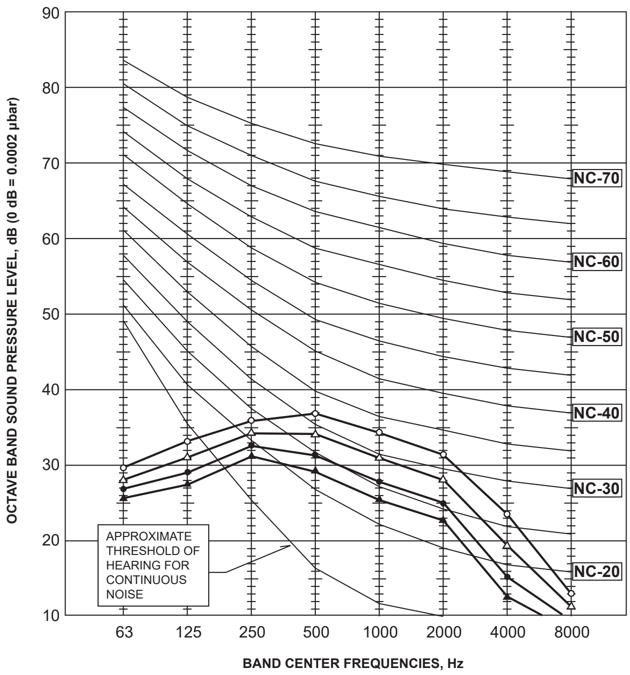


Q···Designed amount of fresh air intake <m³/min>
A···Static pressure loss of fresh air intake duct system with airflow amount Q <Pa>
B···Forced static pressure at air conditioner inlet with airflow amount Q <Pa>
C···Static pressure of booster fan with airflow amount Q <Pa>
D···Static pressure loss increase amount of fresh air intake duct system for airflow amount Q <Pa>
E···Static pressure of indoor unit with airflow amount Q <Pa>
Qa···Estimated amount of fresh air intake without D <m³/min>

A.3.7 NOISE CRITERIA CURVES

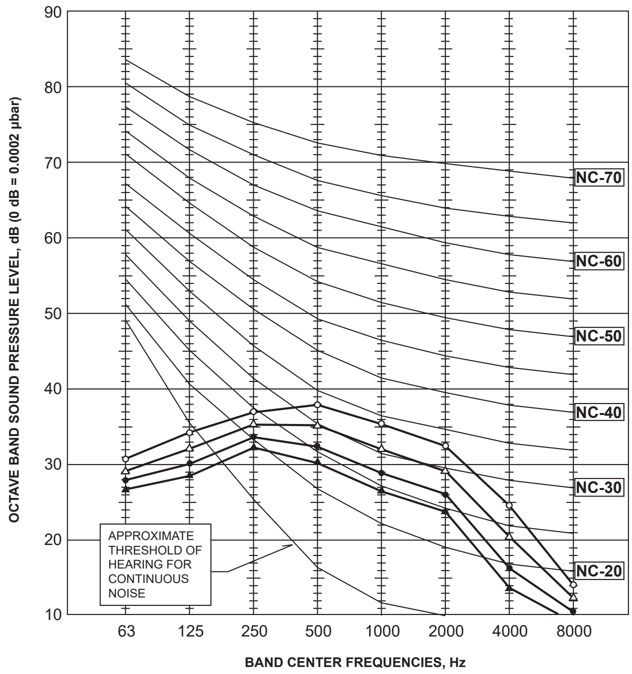
PCA-M35KA2

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



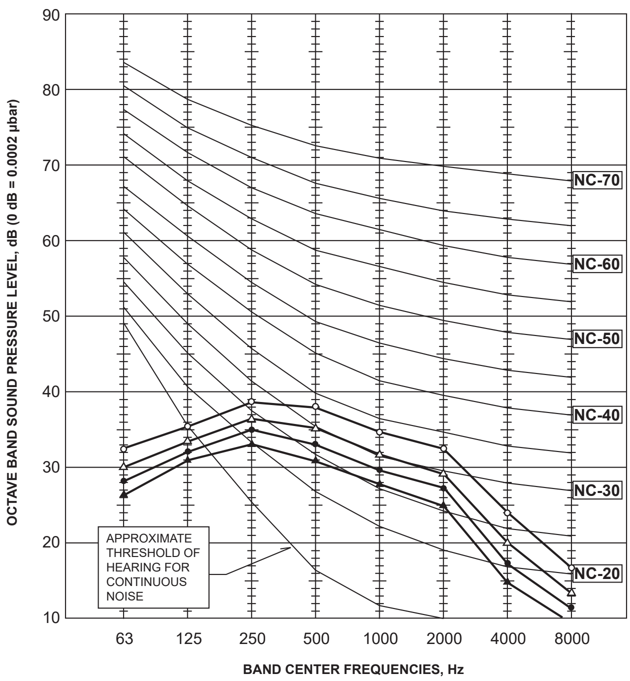
PCA-M50KA2

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



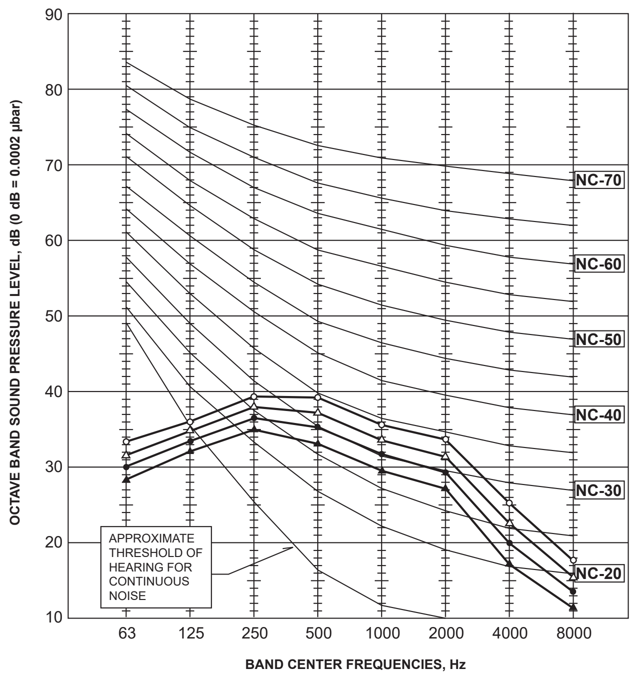
PCA-M60KA2

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



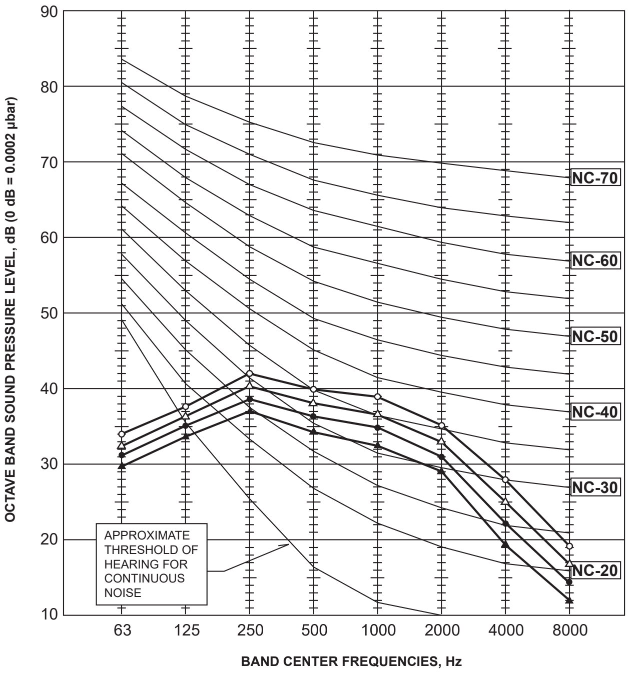
PCA-M71KA2

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



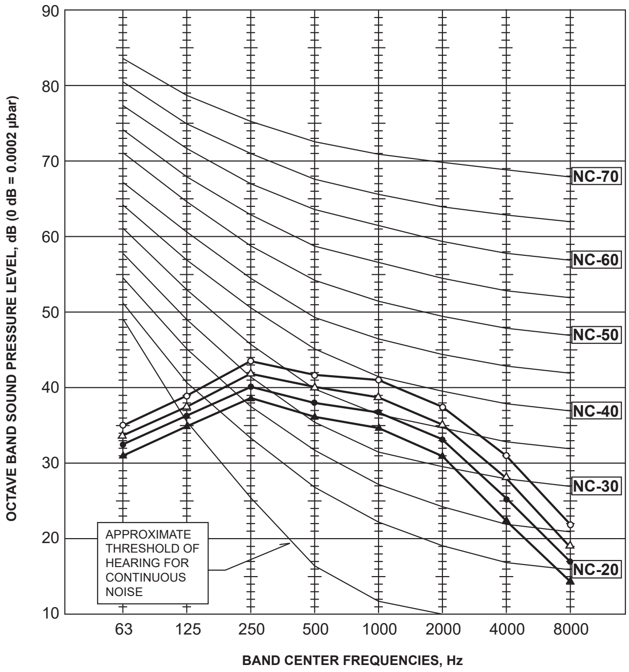
PCA-M100KA2

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



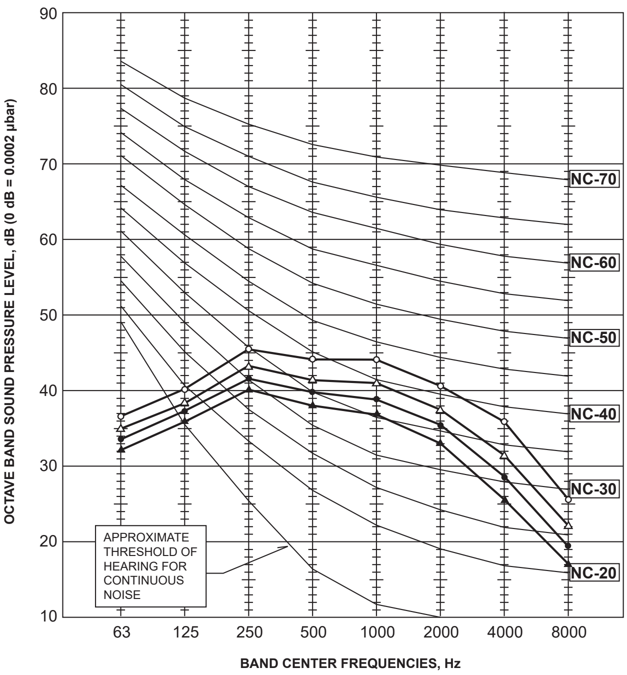
PCA-M125KA2

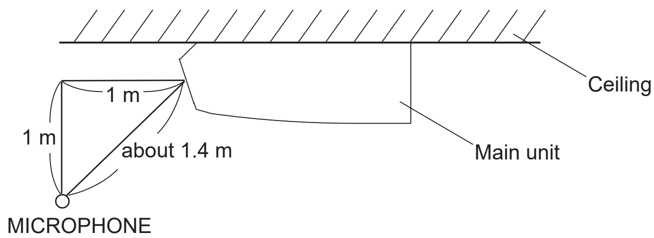
NOTCH	SPL(dB)	LINE
High	45	○—○
Medium1	43	△—△
Medium2	41	●—●
Low	39	▲—▲



PCA-M140KA2

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



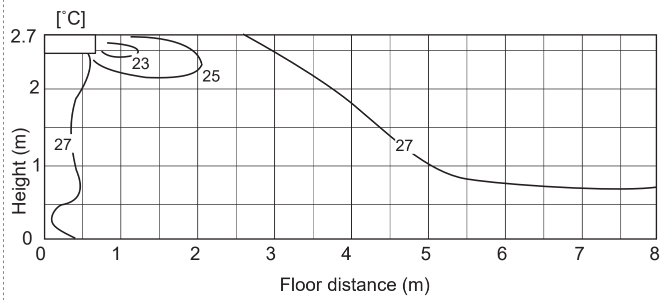


A.3.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

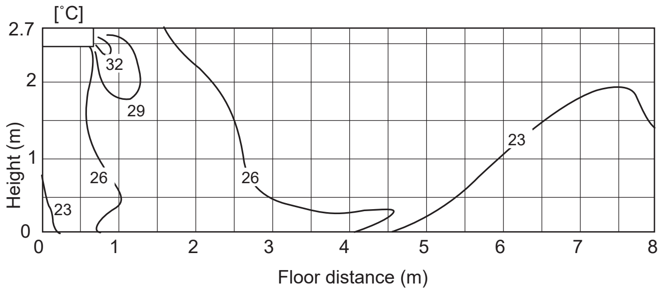
Temperature distributions

PCA-M71KA2

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

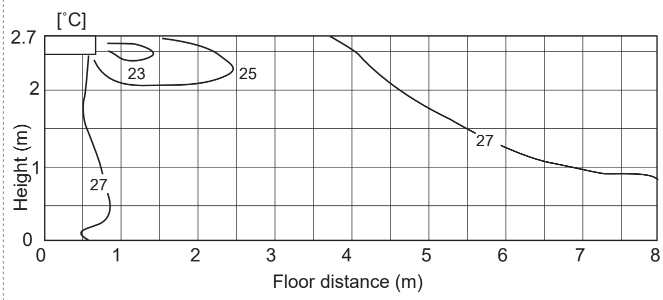


<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch

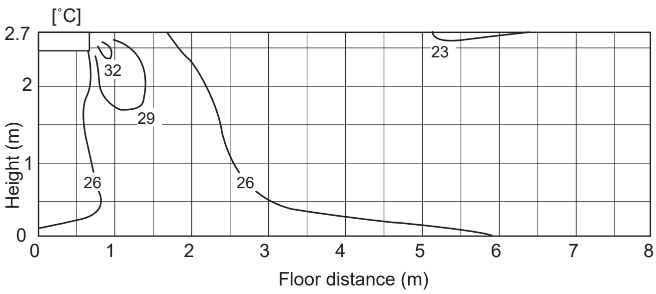


PCA-M125KA2

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



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



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

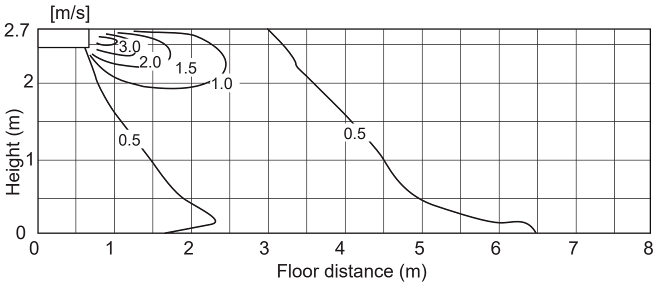
CEILING-SUSPENDED

TEMPERATURE AND AIR FLOW DISTRIBUTIONS

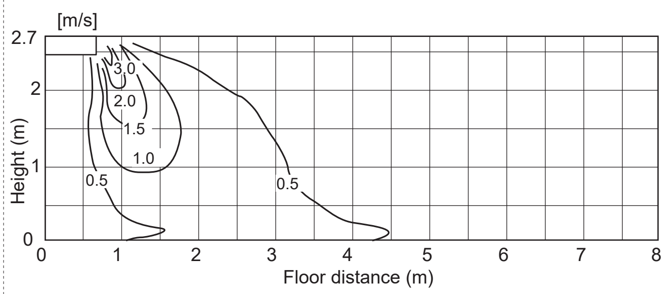
Airflow distributions

PCA-M71KA2

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

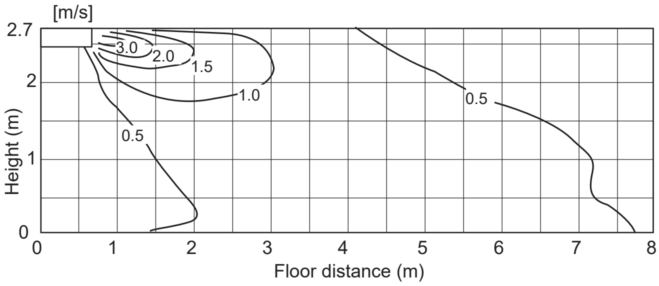


<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch
Ceiling height : 2.7m

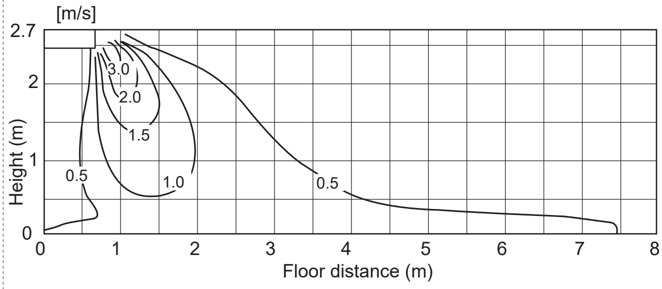


PCA-M125KA2

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



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



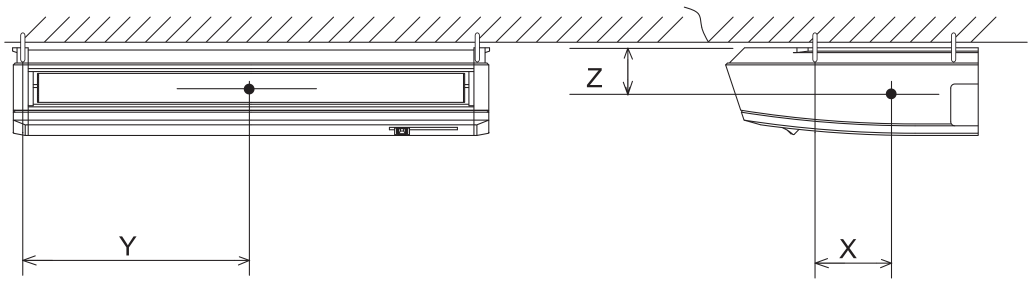
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

A.3.9 OUTLET AIR SPEED AND COVERAGE RANGE

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

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

A.3.10 CENTER OF GRAVITY POSITION



[Unit: mm]

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

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

A.4.1 SPECIFICATIONS

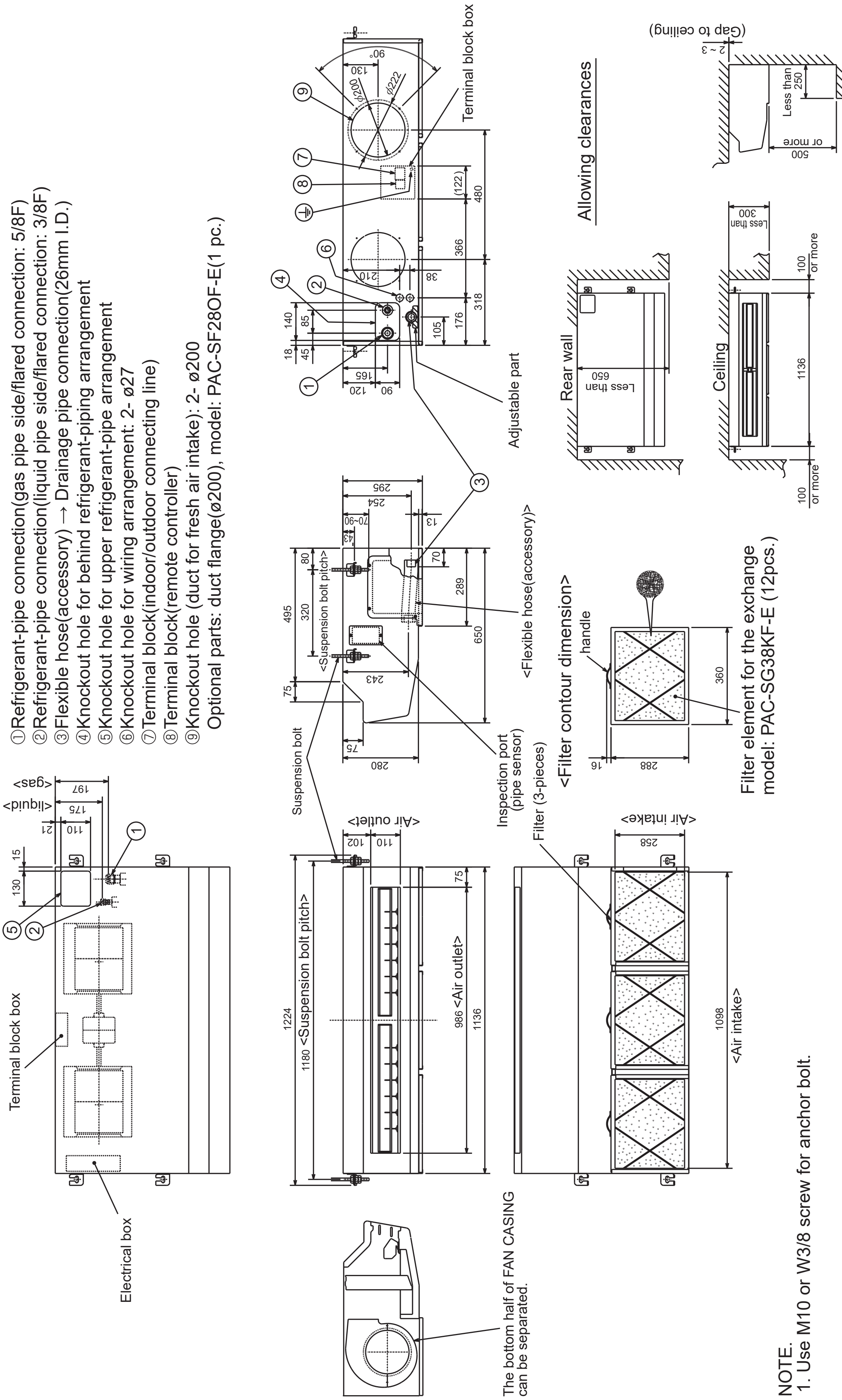
1. Power Inverter SERIES

Model Name	Indoor Unit				PCA-M71HA2
	Outdoor Unit				PUZ-ZM71VHA2
Refrigerant					R32
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	–
				Phase	–
				Hz	–
Cooling	Capacity	Rated		kW	7.1
		Min.		kW	3.3
		Max.		kW	8.1
	SHF	Rated			0.74
	Total Input	Rated		kW	2.028
	EER				3.50
	Annual Electricity Consumption			kWh/a	443
	SEER				5.6
		Energy efficiency class			A+
Heating	Capacity	Rated		kW	7.6
		Min.		kW	3.5
		Max.		kW	10.2
	Total Input	Rated		kW	2.171
	COP				3.50
	Annual Electricity Consumption			kWh/a	1684
	SCOP				3.9
		Energy efficiency class			A
Operating Current(max)				A	19.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10
	Operating Current(max)			A	0.43
	Dimensions	H × W × D		mm	280-1136-650
	Weight			kg	42
	Air Volume	Lo-Hi		m³/min.	16-18
	External Static Pressure			Pa	0
	Sound Level (SPL)	Lo-Hi		dB(A)	37-39
	Sound Level (PWL)	Cooling			57
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+25)
	Weight			kg	67
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	44
		Heating	Rated	dB(A)	49
	Sound Level (PWL)	Cooling		dB(A)	67
	Operating Current(max)			A	19
	Breaker Size			A	25
Ext. Piping	Diameter (*2)	Liquid		mm	9.52
		Gas		mm	15.88
	Max.Length	Out-In		m	55
	Max. Height	Out-In		m	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15
			Upper Limit.	°C	+46
		Heating	Lower Limit.	°C	-20
			Upper Limit.	°C	+21

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

A.4.2 OUTLINES AND DIMENSIONS

Unit : mm



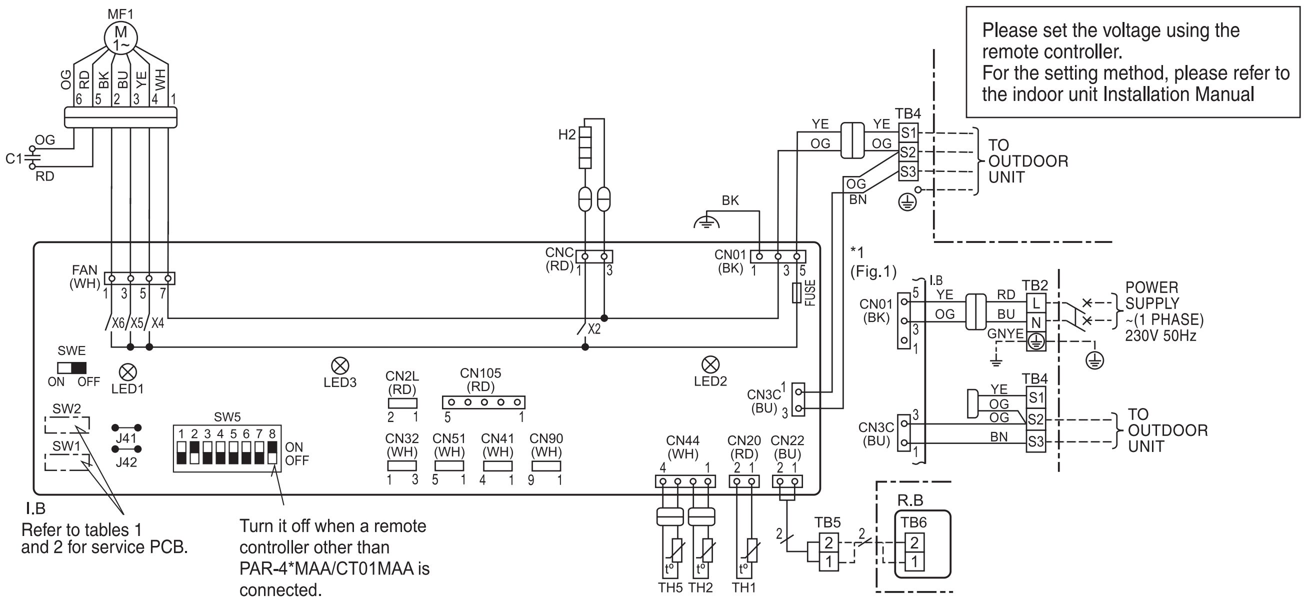
NOTE.
1. Use M10 or W3/8 screw for anchor bolt.

A.4.3 WIRING DIAGRAM

[LEGEND]

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

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



<Table 1>

SW1
Service board
1 2 3 4 5 ON OFF

<Table 2>

SW2	
CAPACITY	Service board
71	1 2 3 4 5 ON OFF

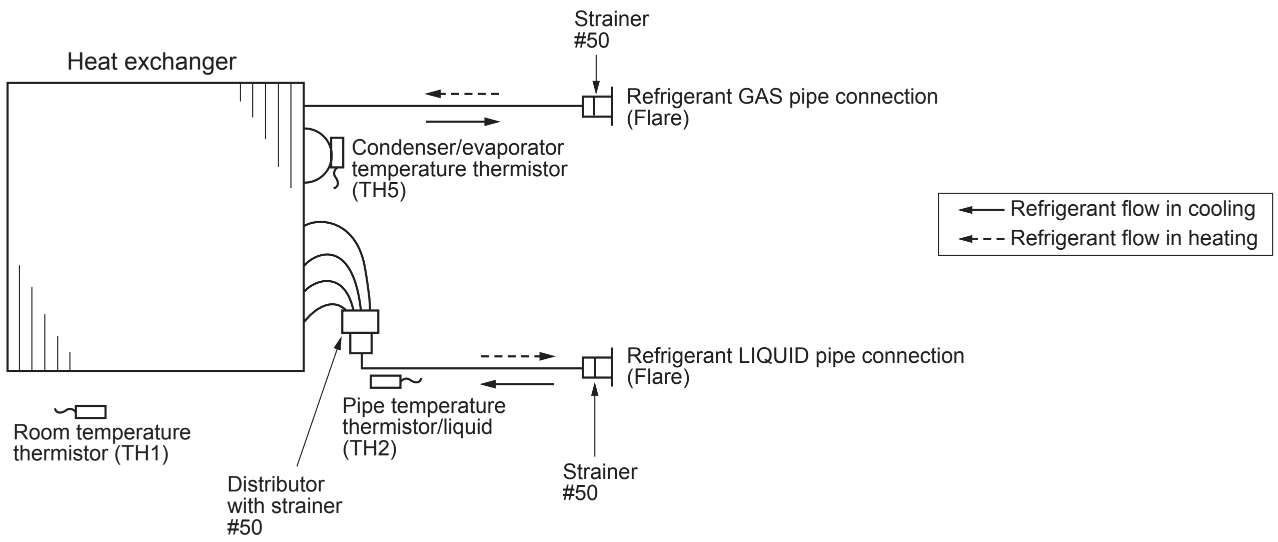
The black square (■) indicates a switch position.

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

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

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

A.4.4 REFRIGERANT SYSTEM DIAGRAM



A.4.5 PERFORMANCE DATA

COOLING CAPACITY
PCA-M71HA2 / PUZ-ZM71VHA2

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

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.779	0.96	1.729	4.827	4.634	0.96	1.875	4.702	4.514	0.96	2.020
14	8	5.027	4.474	0.89	1.733	4.862	4.327	0.89	1.879	4.729	4.209	0.89	2.023
14	9	5.237	4.242	0.81	1.747	5.057	4.096	0.81	1.896	4.909	3.976	0.81	2.043
16	8	5.190	4.982	0.96	1.744	5.035	4.834	0.96	1.894	4.906	4.710	0.96	2.043
16	9	5.276	4.590	0.87	1.750	5.096	4.434	0.87	1.899	4.953	4.309	0.87	2.048
16	11	5.519	4.360	0.79	1.764	5.331	4.211	0.79	1.919	5.173	4.087	0.79	2.071
18	10	5.406	5.136	0.95	1.757	5.247	4.985	0.95	1.912	5.114	4.858	0.95	2.065
18	11	5.540	4.764	0.86	1.765	5.352	4.603	0.86	1.920	5.194	4.467	0.86	2.073
18	12	5.814	4.477	0.77	1.780	5.618	4.326	0.77	1.940	5.450	4.197	0.77	2.098
20	16	6.319	4.044	0.64	1.756	6.035	3.862	0.64	1.884	5.751	3.681	0.64	2.039
20	18	6.816	3.544	0.52	1.802	6.603	3.434	0.52	1.939	6.177	3.212	0.52	2.085
20	20	7.384	2.954	0.40	1.847	7.100	2.840	0.40	1.975	6.674	2.670	0.40	2.122
22	16	6.319	4.550	0.72	1.756	6.035	4.345	0.72	1.884	5.751	4.141	0.72	2.039
22	18	6.816	4.090	0.60	1.802	6.603	3.962	0.60	1.939	6.177	3.706	0.60	2.085
22	20	7.384	3.544	0.48	1.847	7.100	3.408	0.48	1.975	6.674	3.204	0.48	2.122
24	16	6.319	5.055	0.80	1.756	6.035	4.828	0.80	1.884	5.751	4.601	0.80	2.039
24	18	6.816	4.635	0.68	1.802	6.603	4.490	0.68	1.939	6.177	4.200	0.68	2.085
24	20	7.384	4.135	0.56	1.847	7.100	3.976	0.56	1.975	6.674	3.737	0.56	2.122
24	22	7.952	3.499	0.44	1.884	7.668	3.374	0.44	2.030	7.242	3.186	0.44	2.158
26	16	6.319	5.561	0.88	1.756	6.035	5.311	0.88	1.884	5.751	5.061	0.88	2.039
26	18	6.816	5.180	0.76	1.802	6.603	5.018	0.76	1.939	6.177	4.695	0.76	2.085
26	20	7.384	4.726	0.64	1.847	7.100	4.544	0.64	1.975	6.674	4.271	0.64	2.122
26	22	7.952	4.135	0.52	1.884	7.668	3.987	0.52	2.030	7.242	3.766	0.52	2.158
27	16	6.319	5.813	0.92	1.756	6.035	5.552	0.92	1.884	5.751	5.291	0.92	2.039
27	18	6.816	5.453	0.80	1.802	6.603	5.282	0.80	1.939	6.177	4.942	0.80	2.085
27	20	7.384	5.021	0.68	1.847	7.100	4.828	0.68	1.975	6.674	4.538	0.68	2.122
27	22	7.952	4.453	0.56	1.884	7.668	4.294	0.56	2.030	7.242	4.056	0.56	2.158
28	16	6.319	6.066	0.96	1.756	6.035	5.794	0.96	1.884	5.751	5.521	0.96	2.039
28	18	6.816	5.725	0.84	1.802	6.603	5.547	0.84	1.939	6.177	5.189	0.84	2.085
28	20	7.384	5.316	0.72	1.847	7.100	5.112	0.72	1.975	6.674	4.805	0.72	2.122
28	22	7.952	4.771	0.60	1.884	7.668	4.601	0.60	2.030	7.242	4.345	0.60	2.158
30	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
30	18	6.816	6.271	0.92	1.802	6.603	6.075	0.92	1.939	6.177	5.683	0.92	2.085
30	20	7.384	5.907	0.80	1.847	7.100	5.680	0.80	1.975	6.674	5.339	0.80	2.122
30	22	7.952	5.407	0.68	1.884	7.668	5.214	0.68	2.030	7.242	4.925	0.68	2.158
32	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
32	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
32	20	7.384	6.498	0.88	1.847	7.100	6.248	0.88	1.975	6.674	5.873	0.88	2.122
32	22	7.952	6.044	0.76	1.884	7.668	5.828	0.76	2.030	7.242	5.504	0.76	2.158
34	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
34	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
34	20	7.384	7.089	0.96	1.847	7.100	6.816	0.96	1.975	6.674	6.407	0.96	2.122
34	22	7.952	6.680	0.84	1.884	7.668	6.441	0.84	2.030	7.242	6.083	0.84	2.158

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

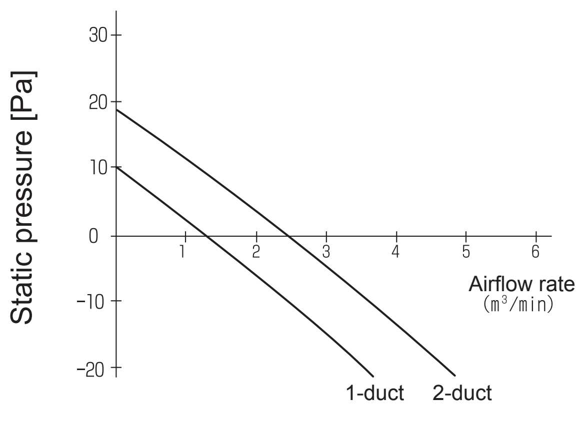
Note:
CA : Capacity (kW)
SHC : Sensible heat capacity (kW)
D.B. : Dry-bulb temperature (℃)
P.C. : Total power input (kW)
SHF : Sensible heat factor
W.B. : Wet-bulb temperature (℃)

HEATING CAPACITY
PCA-M71HA2 / PUZ-ZM·VHA2

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

A.4.6 FRESH AIR INTAKE

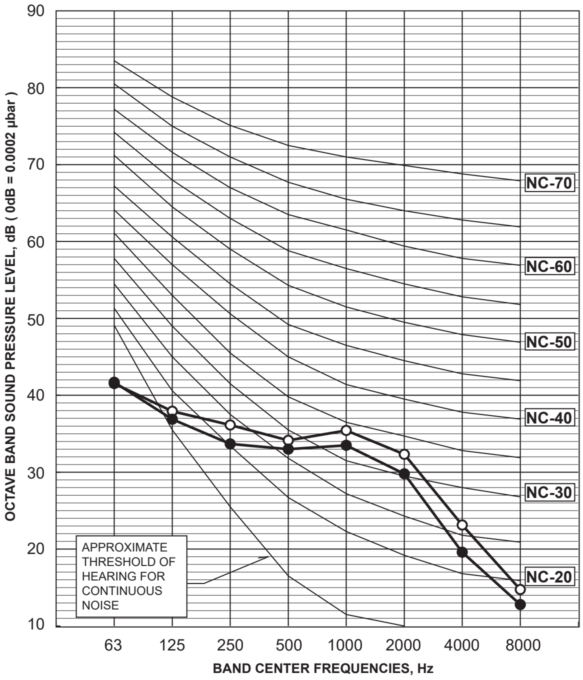
FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

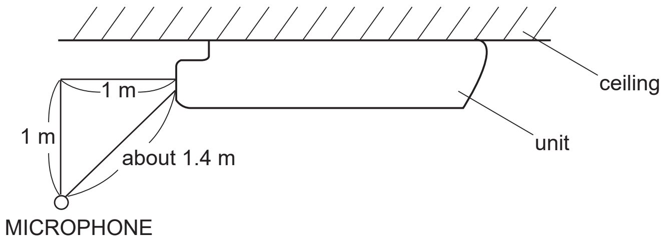


Note:
CA : Capacity (kW)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature (℃)
W.B. : Wet-bulb temperature (℃)

A.4.7 NOISE CRITERIA CURVES

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



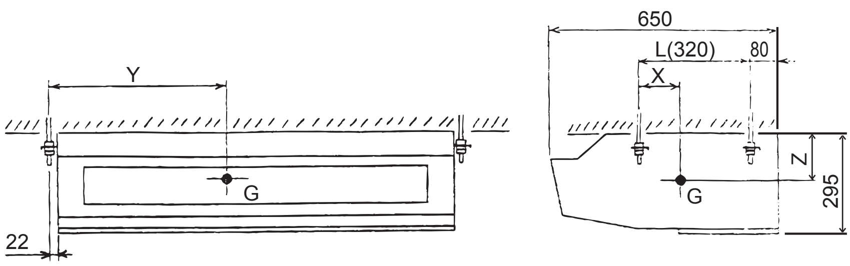


A.4.8 OUTLET AIR SPEED AND COVERAGE RANGE

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

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

A.4.9 CENTER OF GRAVITY POSITION



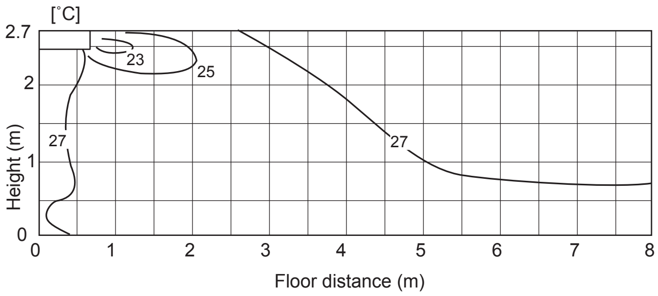
Unit: [mm]

Model	X	Y	Z
PCA-M71HA2	125	575	170

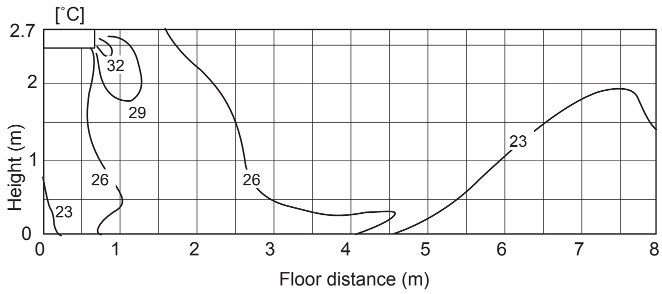
A.4.10 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions
PCA-M71HA2

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

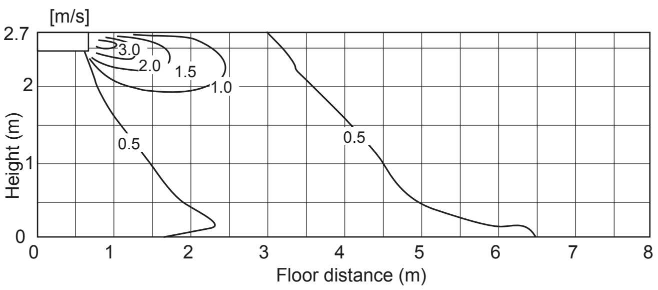


<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch

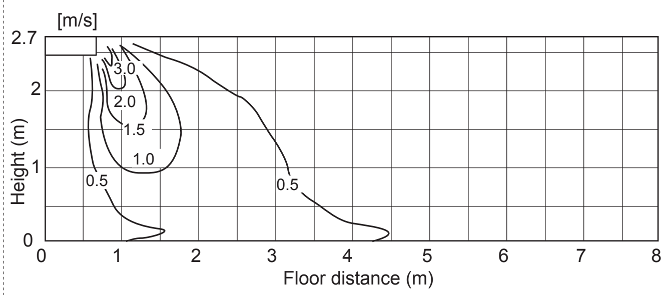


Airflow distributions
PCA-M71HA2

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



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



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

A.5 FLOOR STANDING (PSA)

A.5.1 SPECIFICATIONS

1. Power Inverter SERIES

Model Name	Indoor Unit				PSA-M71KA	PSA-M100KA	PSA-M100KA
	Outdoor Unit				PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2
Refrigerant					R32		
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	400
				Phase	Single	Single	Three
				Hz	50	50	50
	In			V	—	—	—
				Phase	—	—	—
				Hz	—	—	—
Cooling	Capacity	Rated		kW	7.1	9.5	9.5
		Min.		kW	3.3	4.9	4.9
		Max.		kW	8.1	11.4	11.4
	SHF	Rated			0.75	0.73	0.73
	Total Input	Rated		kW	1.888	2.493	2.493
	EER				3.76	3.81	3.81
	Annual Electricity Consumption			kWh/a	388	581	592
	SEER				6.4	5.7	5.6
		Energy efficiency class			A++	A+	A+
Heating	Capacity	Rated		kW	7.6	11.2	11.2
		Min.		kW	3.5	4.5	4.5
		Max.		kW	10.2	14.0	14.0
	Total Input	Rated		kW	2.338	3.172	3.172
	COP				3.25	3.53	3.53
	Annual Electricity Consumption			kWh/a	1636	2658	2659
	SCOP				4.0	4.1	4.1
		Energy efficiency class			A+	A+	A+
Operating Current(max)				A	19.4	20.7	8.7
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.4	0.71	0.71
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	46
	Air Volume	Lo-Mid-Hi		m³/min.	20-22-24	25-28-30	25-28-30
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	40-42-44	45-49-51	45-49-51
	Sound Level (PWL)	Cooling			60	65	65
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	67	105	111
	Air Volume	Cooling	Rated	m³/min.	55	110	110
		Heating	Rated	m³/min.	55	110	110
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
			Silent	dB(A)	44	46	46
		Heating	Rated	dB(A)	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	67	69	69
	Operating Current(max)			A	19	20	8
	Breaker Size			A	25	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max.Length	Out-In		m	55	100	100
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46
		Heating	Lower Limit.	℃	-20	-15	-15
			Upper Limit.	℃	+21	+21	+21

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

Model Name	Indoor Unit				PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
	Outdoor Unit				PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	12.5	12.5	13.4	13.4
		Min.		kW	5.5	5.5	6.2	6.2
		Max.		kW	14.0	14.0	15.0	15.0
	SHF	Rated			0.72	0.72	0.71	0.71
	Total Input	Rated		kW	3.955	3.955	3.976	3.976
	EER				3.16	3.16	3.37	3.37
	Annual Electricity Consumption			kWh/a	835	846	765	776
	SEER				5.2	5.1	6.1	6.0
		Energy efficiency class			A	A	A++	A+
Heating	Capacity	Rated		kW	14.0	14.0	16.0	16.0
		Min.		kW	5	5	5.7	5.7
		Max.		kW	16.0	16.0	18.0	18.0
	Total Input	Rated		kW	4.501	4.501	5.000	5.000
	COP				3.11	3.11	3.20	3.20
	Annual Electricity Consumption			kWh/a	3337	3338	3685	3685
	SCOP				3.9	3.9	4.0	4.0
		Energy efficiency class			A	A	A+	A+
Operating Current(max)				A	27.2	9.7	30.7	12.5
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.73	0.73	0.73	0.73
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	48	48
	Air Volume	Lo-Mid-Hi		m³/min.	25-28-31	25-28-31	25-28-31	25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	Cooling			66	66	66	66
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	114	105	118
	Air Volume	Cooling	Rated	m³/min.	120	120	120	120
		Heating	Rated	m³/min.	120	120	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70	70	70
	Operating Current(max)			A	26.5	9	30	11.8
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	100	100	100	100
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-20	-20	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

2. Standard Inverter SERIES

Model Name	Indoor Unit				PSA-M71KA	PSA-M100KA	PSA-M100KA
	Outdoor Unit				SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2
Refrigerant					R32		
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	400
				Phase	Single	Single	Three
				Hz	50	50	50
	In			V	—	—	—
				Phase	—	—	—
				Hz	—	—	—
Cooling	Capacity	Rated		kW	7.1	9.4	9.4
		Min.		kW	2.2	3.7	3.7
		Max.		kW	8.1	10.6	10.6
	SHF	Rated			0.75	0.73	0.73
	Total Input	Rated		kW	1.972	2.686	2.686
	EER				3.60	3.50	3.50
	Annual Electricity Consumption			kWh/a	394	591	591
	SEER				6.3	5.5	5.5
		Energy efficiency class			A++	A	A
Heating	Capacity	Rated		kW	8.0	11.2	11.2
		Min.		kW	2.1	2.8	2.8
		Max.		kW	10.2	12.5	12.5
	Total Input	Rated		kW	2.492	3.246	3.246
	COP				3.21	3.45	3.45
	Annual Electricity Consumption			kWh/a	2003	2745	2745
	SCOP				4.0	4.0	4.0
		Energy efficiency class			A+	A+	A+
Operating Current(max)				A	15.2	20.7	12.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.4	0.71	0.71
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	46
	Air Volume	Lo-Mid-Hi		m³/min.	20-22-24	25-28-30	25-28-30
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	40-42-44	45-49-51	45-49-51
	Sound Level (PWL)	Cooling		dB(A)	60	65	65
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m³/min.	50.1	79	79
		Heating	Rated	m³/min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	46	46
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max.Length	Out-In		m	30	55	55
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46
		Heating	Lower Limit.	℃	-10	-10	-15
			Upper Limit.	℃	+24	+24	+21

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

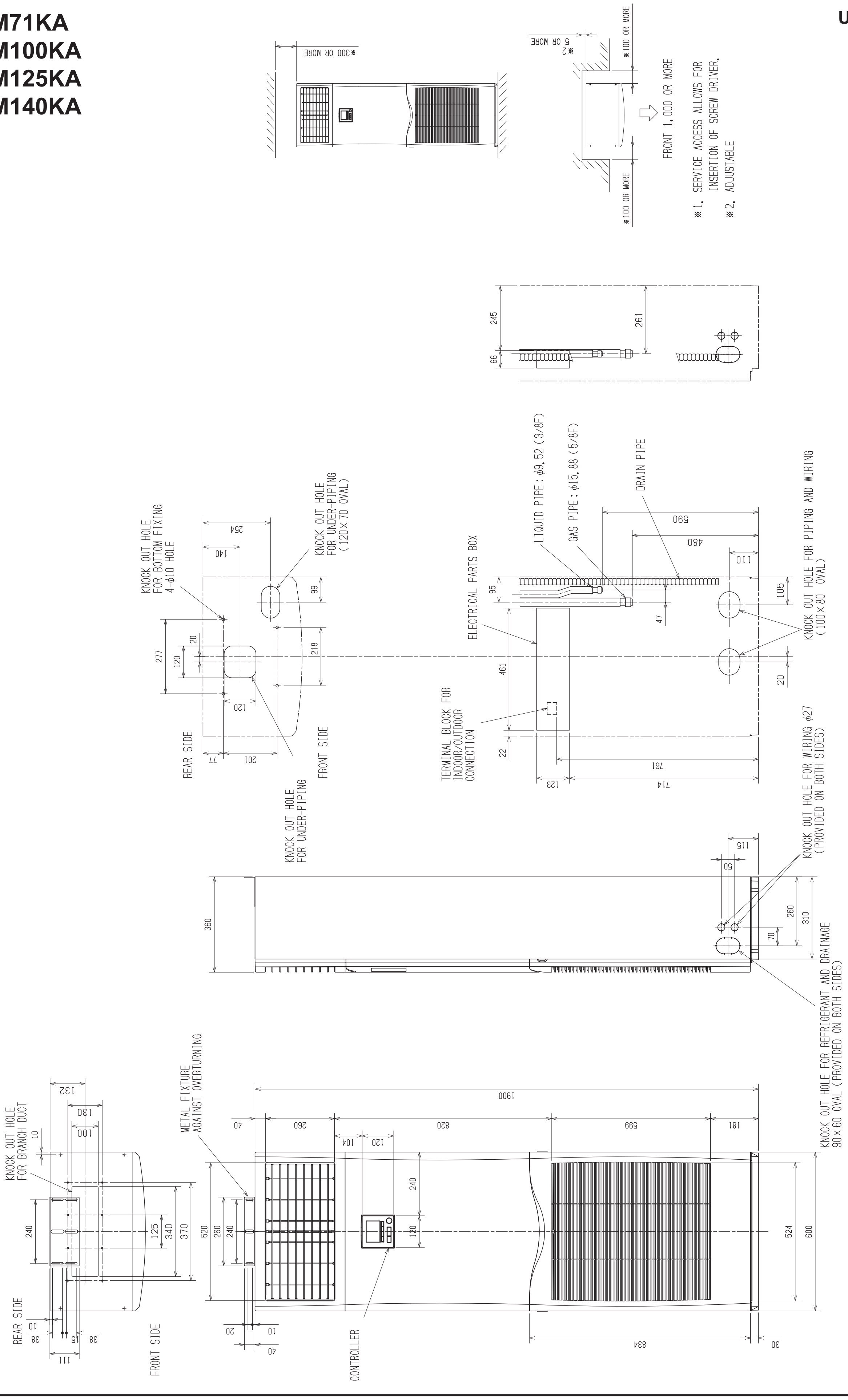
					PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
Model Name	Indoor Unit				PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
	Outdoor Unit				PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	—	—	—	—
				Phase	—	—	—	—
				Hz	—	—	—	—
Cooling	Capacity	Rated		kW	12.1	12.1	13.6	13.6
		Min.		kW	5.6	5.6	5.8	5.8
		Max.		kW	13.0	13.0	13.7	13.7
	SHF	Rated			0.72	0.72	0.71	0.71
	Total Input	Rated		kW	4.481	4.481	5.037	5.037
	EER				2.70	2.70	2.70	2.70
	Annual Electricity Consumption			kWh/a	823	823	868	868
	SEER				5.1	5.1	5.4	5.4
		Energy efficiency class			A	A	A	A
Heating	Capacity	Rated		kW	13.5	13.5	15.0	15.0
		Min.		kW	4.8	4.8	4.9	4.9
		Max.		kW	15.0	15.0	15.8	15.8
	Total Input	Rated		kW	4.355	4.355	4.761	4.761
	COP				3.10	3.10	3.15	3.15
	Annual Electricity Consumption			kWh/a	3095	3095	3269	3269
	SCOP				3.8	3.8	4.0	4.0
		Energy efficiency class			A	A	A+	A+
Operating Current(max)				A	27.2	12.2	30.7	12.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.73	0.73	0.73	0.73
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	48	48
	Air Volume	Lo-Mid-Hi		m³/min.	25-28-31	25-28-31	25-28-31	25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	Cooling		dB(A)	66	66	66	66
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	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		dB(A)	72	72	73	73
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	65	65	65	65
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+21	+21	+21	+21

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

A.5.2 OUTLINES AND DIMENSIONS

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

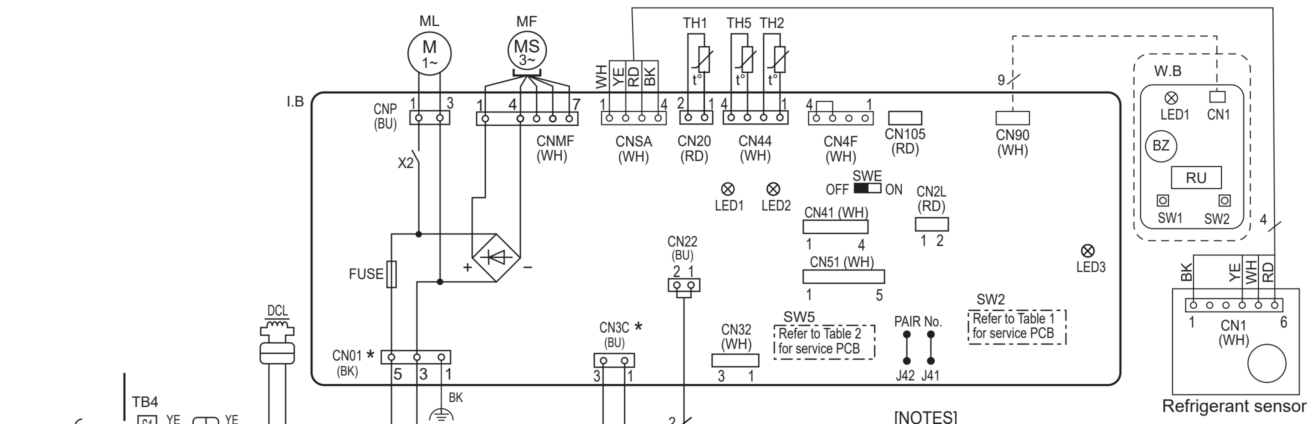
Unit : mm

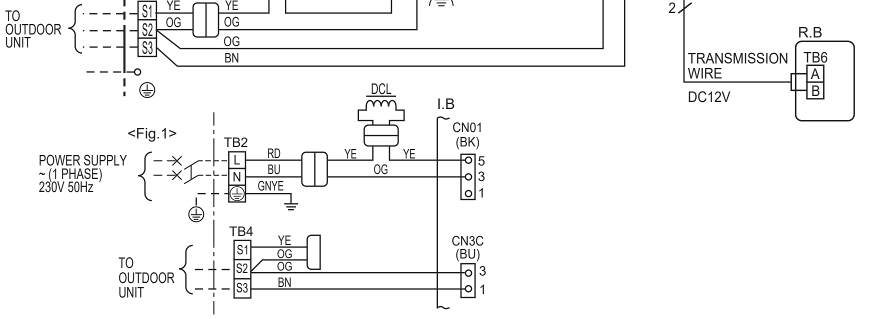


A.5.3 WIRING DIAGRAM

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

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	R.B	WIRED REMOTE CONTROLLER BOARD	TH5	COND./EVA. TEMPERATURE THERMISTOR (0℃/15kΩ, 25℃/5.4kΩ DETECT)
FUSE	FUSE (T6.3AL250V)	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)	OPTION PARTS	
CN2L	CONNECTOR (LOSSNAY)	DCL	REACTOR	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
CN32	CONNECTOR (REMOTE SWITCH)	MF	FAN MOTOR	BZ	BUZZER
CN41	CONNECTOR (HA TERMINAL-A)	ML	LOUVER MOTOR	LED1	LED (OPERATION INDICATION: GREEN)
CN51	CONNECTOR (CENTRALLY CONTROL)	TB2	TERMINAL BLOCK option for PSA-M.KA models.	RU	RECEIVING UNIT
CN105	CONNECTOR (IT TERMINAL)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)	SW1	EMERGENCY OPERATION (HEAT)
LED1	POWER SUPPLY (I.B)	TH1	ROOM TEMPERATURE THERMISTOR (0℃/15kΩ, 25℃/5.4kΩ DETECT)	SW2	EMERGENCY OPERATION (COOL)
LED2	POWER SUPPLY (R.B)	TH2	PIPE TEMPERATURE THERMISTOR/LIQUID (0℃/15kΩ, 25℃/5.4kΩ DETECT)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)				
SW2	SWITCH (CAPACITY CODE) Refer to <Table 1>.				
SW5	SWITCH (FUNCTION SETTING) Refer to <Table 2>.				
SWE	SWITCH (EMERGENCY OPERATION)				
X2	RELAY (LOUVER)				





[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.

* 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.

Table 1

SW2			
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
71	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF
100	1 2 3 4 5 ON OFF	140	1 2 3 4 5 ON OFF

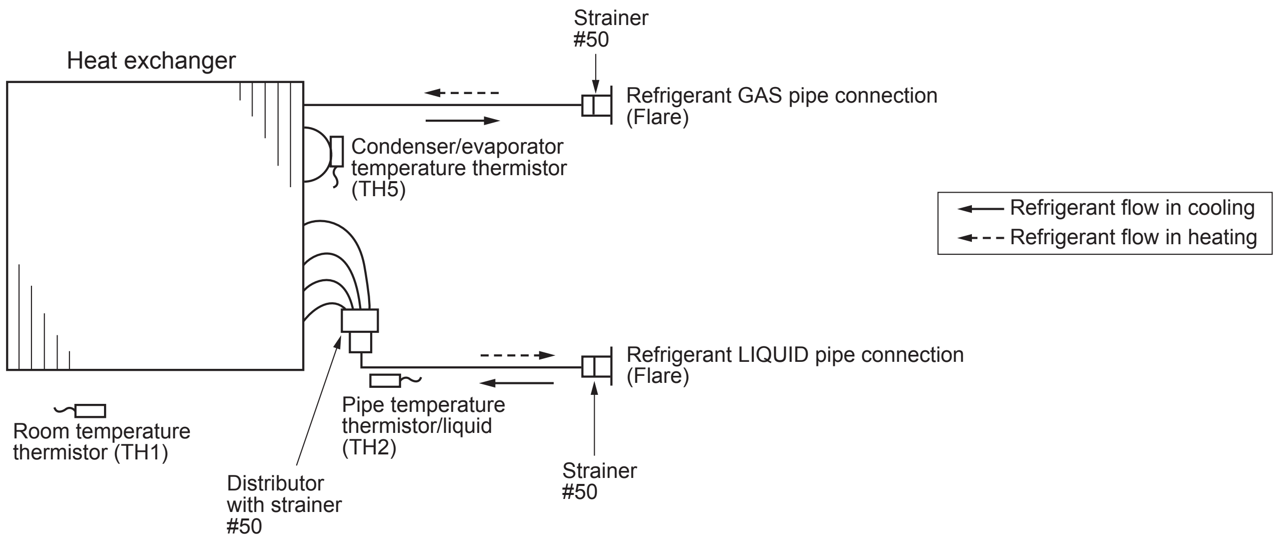
Table 2

SW5
Manufacture/Service
1 2 3 4 5 6 7 8 ON OFF

The black square (■) indicates a switch position.

A.5.4 REFRIGERANT SYSTEM DIAGRAM

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



A.5.5 PERFORMANCE DATA

COOLING CAPACITY
PSA-M71KA / PUZ-ZM71VHA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.208	0.97	1.384	5.244	5.087	0.97	1.512	5.118	4.964	0.97	1.640
14	8	5.483	4.935	0.90	1.384	5.337	4.803	0.90	1.514	5.190	4.671	0.90	1.644
14	9	5.710	4.682	0.82	1.381	5.558	4.558	0.82	1.517	5.405	4.432	0.82	1.653
16	8	5.594	5.426	0.97	1.382	5.464	5.300	0.97	1.516	5.335	5.175	0.97	1.650
16	9	5.752	5.062	0.88	1.381	5.598	4.926	0.88	1.518	5.445	4.792	0.88	1.655
16	11	6.016	4.813	0.80	1.377	5.855	4.684	0.80	1.521	5.694	4.555	0.80	1.665
18	10	5.825	5.592	0.96	1.380	5.689	5.461	0.96	1.519	5.554	5.332	0.96	1.659
18	11	6.039	5.254	0.87	1.378	5.877	5.113	0.87	1.522	5.715	4.972	0.87	1.666
18	12	6.341	4.946	0.78	1.373	6.169	4.812	0.78	1.524	5.997	4.678	0.78	1.675
20	16	7.029	4.569	0.65	1.510	6.816	4.430	0.65	1.595	6.603	4.292	0.65	1.690
20	18	7.526	3.989	0.53	1.539	7.313	3.876	0.53	1.624	7.065	3.744	0.53	1.737
20	20	8.094	3.319	0.41	1.586	7.917	3.246	0.41	1.661	7.704	3.159	0.41	1.775
22	16	7.029	5.131	0.73	1.510	6.816	4.976	0.73	1.595	6.603	4.820	0.73	1.690
22	18	7.526	4.591	0.61	1.539	7.313	4.461	0.61	1.624	7.065	4.310	0.61	1.737
22	20	8.094	3.966	0.49	1.586	7.917	3.879	0.49	1.661	7.704	3.775	0.49	1.775
24	16	7.029	5.693	0.81	1.510	6.816	5.521	0.81	1.595	6.603	5.348	0.81	1.690
24	18	7.526	5.193	0.69	1.539	7.313	5.046	0.69	1.624	7.065	4.875	0.69	1.737
24	20	8.094	4.614	0.57	1.586	7.917	4.513	0.57	1.661	7.704	4.391	0.57	1.775
24	22	8.627	3.882	0.45	1.624	8.449	3.802	0.45	1.718	8.236	3.706	0.45	1.831
26	16	7.029	6.256	0.89	1.510	6.816	6.066	0.89	1.595	6.603	5.877	0.89	1.690
26	18	7.526	5.795	0.77	1.539	7.313	5.631	0.77	1.624	7.065	5.440	0.77	1.737
26	20	8.094	5.261	0.65	1.586	7.917	5.146	0.65	1.661	7.704	5.008	0.65	1.775
26	22	8.627	4.572	0.53	1.624	8.449	4.478	0.53	1.718	8.236	4.365	0.53	1.831
27	16	7.029	6.537	0.93	1.510	6.816	6.339	0.93	1.595	6.603	6.141	0.93	1.690
27	18	7.526	6.096	0.81	1.539	7.313	5.924	0.81	1.624	7.065	5.723	0.81	1.737
27	20	8.094	5.585	0.69	1.586	7.917	5.463	0.69	1.661	7.704	5.316	0.69	1.775
27	22	8.627	4.917	0.57	1.624	8.449	4.816	0.57	1.718	8.236	4.695	0.57	1.831
28	16	7.029	6.818	0.97	1.510	6.816	6.612	0.97	1.595	6.603	6.405	0.97	1.690
28	18	7.526	6.397	0.85	1.539	7.313	6.216	0.85	1.624	7.065	6.005	0.85	1.737
28	20	8.094	5.909	0.73	1.586	7.917	5.779	0.73	1.661	7.704	5.624	0.73	1.775
28	22	8.627	5.262	0.61	1.624	8.449	5.154	0.61	1.718	8.236	5.024	0.61	1.831
30	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
30	18	7.526	6.999	0.93	1.539	7.313	6.801	0.93	1.624	7.065	6.570	0.93	1.737
30	20	8.094	6.556	0.81	1.586	7.917	6.413	0.81	1.661	7.704	6.240	0.81	1.775
30	22	8.627	5.953	0.69	1.624	8.449	5.830	0.69	1.718	8.236	5.683	0.69	1.831
32	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
32	18	7.526	7.526	1.00	1.539	7.313	7.313	1.00	1.624	7.065	7.065	1.00	1.737
32	20	8.094	7.204	0.89	1.586	7.917	7.046	0.89	1.661	7.704	6.857	0.89	1.775
32	22	8.627	6.643	0.77	1.624	8.449	6.506	0.77	1.718	8.236	6.342	0.77	1.831
34	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
34	18	7.526	7.526	1.00	1.539	7.313	7.313	1.00	1.624	7.065	7.065	1.00	1.737
34	20	8.094	7.851	0.97	1.586	7.917	7.679	0.97	1.661	7.704	7.473	0.97	1.775
34	22	8.627	7.333	0.85	1.624	8.449	7.182	0.85	1.718	8.236	7.001	0.85	1.831

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.829	0.97	1.785	4.827	4.682	0.97	1.936	4.702	4.561	0.97	2.085
14	8	5.027	4.524	0.90	1.789	4.862	4.376	0.90	1.939	4.729	4.256	0.90	2.088
14	9	5.237	4.294	0.82	1.803	5.057	4.147	0.82	1.957	4.909	4.025	0.82	2.109
16	8	5.190	5.034	0.97	1.800	5.035	4.884	0.97	1.955	4.906	4.759	0.97	2.109
16	9	5.276	4.643	0.88	1.806	5.096	4.484	0.88	1.960	4.953	4.359	0.88	2.114
16	11	5.519	4.415	0.80	1.821	5.331	4.265	0.80	1.980	5.173	4.138	0.80	2.138
18	10	5.406	5.190	0.96	1.814	5.247	5.037	0.96	1.974	5.114	4.909	0.96	2.131
18	11	5.540	4.820	0.87	1.822	5.352	4.656	0.87	1.982	5.194	4.519	0.87	2.140
18	12	5.814	4.535	0.78	1.837	5.618	4.382	0.78	2.002	5.450	4.251	0.78	2.165
20	16	6.319	4.107	0.65	1.812	6.035	3.923	0.65	1.945	5.751	3.738	0.65	2.105
20	18	6.816	3.612	0.53	1.860	6.603	3.500	0.53	2.001	6.177	3.274	0.53	2.152
20	20	7.384	3.027	0.41	1.907	7.100	2.911	0.41	2.039	6.674	2.736	0.41	2.190
22	16	6.319	4.613	0.73	1.812	6.035	4.406	0.73	1.945	5.751	4.198	0.73	2.105
22	18	6.816	4.158	0.61	1.860	6.603	4.028	0.61	2.001	6.177	3.768	0.61	2.152
22	20	7.384	3.618	0.49	1.907	7.100	3.479	0.49	2.039	6.674	3.270	0.49	2.190
24	16	6.319	5.118	0.81	1.812	6.035	4.888	0.81	1.945	5.751	4.658	0.81	2.105
24	18	6.816	4.703	0.69	1.860	6.603	4.556	0.69	2.001	6.177	4.262	0.69	2.152
24	20	7.384	4.209	0.57	1.907	7.100	4.047	0.57	2.039	6.674	3.804	0.57	2.190
24	22	7.952	3.578	0.45	1.945	7.668	3.451	0.45	2.096	7.242	3.259	0.45	2.228
26	16	6.319	5.624	0.89	1.812	6.035	5.371	0.89	1.945	5.751	5.118	0.89	2.105
26	18	6.816	5.248	0.77	1.860	6.603	5.084	0.77	2.001	6.177	4.756	0.77	2.152
26	20	7.384	4.800	0.65	1.907	7.100	4.615	0.65	2.039	6.674	4.338	0.65	2.190
26	22	7.952	4.215	0.53	1.945	7.668	4.064	0.53	2.096	7.242	3.838	0.53	2.228
27	16	6.319	5.877	0.93	1.812	6.035	5.613	0.93	1.945	5.751	5.348	0.93	2.105
27	18	6.816	5.521	0.81	1.860	6.603	5.348	0.81	2.001	6.177	5.003	0.81	2.152
27	20	7.384	5.095	0.69	1.907	7.100	4.899	0.69	2.039	6.674	4.605	0.69	2.190
27	22	7.952	4.533	0.57	1.945	7.668	4.371	0.57	2.096	7.242	4.128	0.57	2.228
28	16	6.319	6.129	0.97	1.812	6.035	5.854	0.97	1.945	5.751	5.578	0.97	2.105
28	18	6.816	5.794	0.85	1.860	6.603	5.613	0.85	2.001	6.177	5.250	0.85	2.152
28	20	7.384	5.390	0.73	1.907	7.100	5.183	0.73	2.039	6.674	4.872	0.73	2.190
28	22	7.952	4.851	0.61	1.945	7.668	4.677	0.61	2.096	7.242	4.418	0.61	2.228
30	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
30	18	6.816	6.339	0.93	1.860	6.603	6.141	0.93	2.001	6.177	5.745	0.93	2.152
30	20	7.384	5.981	0.81	1.907	7.100	5.751	0.81	2.039	6.674	5.406	0.81	2.190
30	22	7.952	5.487	0.69	1.945	7.668	5.291	0.69	2.096	7.242	4.997	0.69	2.228
32	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
32	18	6.816	6.816	1.00	1.860	6.603	6.603	1.00	2.001	6.177	6.177	1.00	2.152
32	20	7.384	6.572	0.89	1.907	7.100	6.319	0.89	2.039	6.674	5.940	0.89	2.190
32	22	7.952	6.123	0.77	1.945	7.668	5.904	0.77	2.096	7.242	5.576	0.77	2.228
34	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
34	18	6.816	6.816	1.00	1.860	6.603	6.603	1.00	2.001	6.177	6.177	1.00	2.152
34	20	7.384	7.162	0.97	1.907	7.100	6.887	0.97	2.039	6.674	6.474	0.97	2.190
34	22	7.952	6.759	0.85	1.945	7.668	6.518	0.85	2.096	7.242	6.156	0.85	2.228

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

PSA-M100KA / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	6.825	0.95	1.828	7.016	6.665	0.95	1.996	6.848	6.506	0.95	2.165
14	8	7.337	6.457	0.88	1.827	7.141	6.284	0.88	1.999	6.945	6.112	0.88	2.170
14	9	7.641	6.113	0.80	1.824	7.436	5.949	0.80	2.003	7.232	5.786	0.80	2.183
16	8	7.485	7.111	0.95	1.825	7.311	6.945	0.95	2.002	7.138	6.781	0.95	2.179
16	9	7.696	6.619	0.86	1.823	7.491	6.442	0.86	2.004	7.286	6.266	0.86	2.185
16	11	8.050	6.279	0.78	1.819	7.834	6.111	0.78	2.009	7.619	5.943	0.78	2.199
18	10	7.794	7.326	0.94	1.822	7.613	7.156	0.94	2.006	7.431	6.985	0.94	2.191
18	11	8.080	6.868	0.85	1.819	7.864	6.684	0.85	2.009	7.647	6.500	0.85	2.199
18	12	8.485	6.449	0.76	1.813	8.255	6.274	0.76	2.012	8.024	6.098	0.76	2.212
20	16	9.405	5.925	0.63	1.994	9.120	5.746	0.63	2.107	8.835	5.566	0.63	2.231
20	18	10.070	5.136	0.51	2.032	9.785	4.990	0.51	2.144	9.453	4.821	0.51	2.294
20	20	10.830	4.224	0.39	2.094	10.593	4.131	0.39	2.194	10.308	4.020	0.39	2.343
22	16	9.405	6.678	0.71	1.994	9.120	6.475	0.71	2.107	8.835	6.273	0.71	2.231
22	18	10.070	5.941	0.59	2.032	9.785	5.773	0.59	2.144	9.453	5.577	0.59	2.294
22	20	10.830	5.090	0.47	2.094	10.593	4.979	0.47	2.194	10.308	4.845	0.47	2.343
24	16	9.405	7.430	0.79	1.994	9.120	7.205	0.79	2.107	8.835	6.980	0.79	2.231
24	18	10.070	6.747	0.67	2.032	9.785	6.556	0.67	2.144	9.453	6.334	0.67	2.294
24	20	10.830	5.957	0.55	2.094	10.593	5.826	0.55	2.194	10.308	5.669	0.55	2.343
24	22	11.543	4.963	0.43	2.144	11.305	4.861	0.43	2.269	11.020	4.739	0.43	2.418
26	16	9.405	8.182	0.87	1.994	9.120	7.934	0.87	2.107	8.835	7.686	0.87	2.231
26	18	10.070	7.553	0.75	2.032	9.785	7.339	0.75	2.144	9.453	7.090	0.75	2.294
26	20	10.830	6.823	0.63	2.094	10.593	6.674	0.63	2.194	10.308	6.494	0.63	2.343
26	22	11.543	5.887	0.51	2.144	11.305	5.766	0.51	2.269	11.020	5.620	0.51	2.418
27	16	9.405	8.559	0.91	1.994	9.120	8.299	0.91	2.107	8.835	8.040	0.91	2.231
27	18	10.070	7.955	0.79	2.032	9.785	7.730	0.79	2.144	9.453	7.468	0.79	2.294
27	20	10.830	7.256	0.67	2.094	10.593	7.097	0.67	2.194	10.308	6.906	0.67	2.343
27	22	11.543	6.349	0.55	2.144	11.305	6.218	0.55	2.269	11.020	6.061	0.55	2.418
28	16	9.405	8.935	0.95	1.994	9.120	8.664	0.95	2.107	8.835	8.393	0.95	2.231
28	18	10.070	8.358	0.83	2.032	9.785	8.122	0.83	2.144	9.453	7.846	0.83	2.294
28	20	10.830	7.689	0.71	2.094	10.593	7.521	0.71	2.194	10.308	7.319	0.71	2.343
28	22	11.543	6.810	0.59	2.144	11.305	6.670	0.59	2.269	11.020	6.502	0.59	2.418
30	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
30	18	10.070	9.164	0.91	2.032	9.785	8.904	0.91	2.144	9.453	8.602	0.91	2.294
30	20	10.830	8.556	0.79	2.094	10.593	8.368	0.79	2.194	10.308	8.143	0.79	2.343
30	22	11.543	7.734	0.67	2.144	11.305	7.574	0.67	2.269	11.020	7.383	0.67	2.418
32	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
32	18	10.070	9.969	0.99	2.032	9.785	9.687	0.99	2.144	9.453	9.358	0.99	2.294
32	20	10.830	9.422	0.87	2.094	10.593	9.216	0.87	2.194	10.308	8.968	0.87	2.343
32	22	11.543	8.657	0.75	2.144	11.305	8.479	0.75	2.269	11.020	8.265	0.75	2.418
34	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
34	18	10.070	10.070	1.00	2.032	9.785	9.785	1.00	2.144	9.453	9.453	1.00	2.294
34	20	10.830	10.289	0.95	2.094	10.593	10.063	0.95	2.194	10.308	9.793	0.95	2.343
34	22	11.543	9.581	0.83	2.144	11.305	9.383	0.83	2.269	11.020	9.147	0.83	2.418

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.357	6.458	6.135	0.95	2.556	6.291	5.976	0.95	2.753
14	8	6.727	5.920	0.88	2.362	6.505	5.724	0.88	2.561	6.328	5.569	0.88	2.758
14	9	7.007	5.606	0.80	2.381	6.767	5.414	0.80	2.585	6.569	5.255	0.80	2.785
16	8	6.945	6.598	0.95	2.377	6.737	6.400	0.95	2.581	6.565	6.237	0.95	2.784
16	9	7.059	6.071	0.86	2.385	6.819	5.864	0.86	2.588	6.628	5.700	0.86	2.791
16	11	7.384	5.760	0.78	2.405	7.133	5.564	0.78	2.615	6.922	5.399	0.78	2.823
18	10	7.233	6.799	0.94	2.395	7.021	6.600	0.94	2.606	6.843	6.432	0.94	2.814
18	11	7.413	6.301	0.85	2.406	7.161	6.087	0.85	2.617	6.950	5.908	0.85	2.826
18	12	7.779	5.912	0.76	2.426	7.516	5.712	0.76	2.644	7.292	5.542	0.76	2.859
20	16	8.455	5.327	0.63	2.393	8.075	5.087	0.63	2.568	7.695	4.848	0.63	2.780
20	18	9.120	4.651	0.51	2.456	8.835	4.506	0.51	2.643	8.265	4.215	0.51	2.842
20	20	9.880	3.853	0.39	2.518	9.500	3.705	0.39	2.692	8.930	3.483	0.39	2.892
22	16	8.455	6.003	0.71	2.393	8.075	5.733	0.71	2.568	7.695	5.463	0.71	2.780
22	18	9.120	5.381	0.59	2.456	8.835	5.213	0.59	2.643	8.265	4.876	0.59	2.842
22	20	9.880	4.644	0.47	2.518	9.500	4.465	0.47	2.692	8.930	4.197	0.47	2.892
24	16	8.455	6.679	0.79	2.393	8.075	6.379	0.79	2.568	7.695	6.079	0.79	2.780
24	18	9.120	6.110	0.67	2.456	8.835	5.919	0.67	2.643	8.265	5.538	0.67	2.842
24	20	9.880	5.434	0.55	2.518	9.500	5.225	0.55	2.692	8.930	4.912	0.55	2.892
24	22	10.640	4.575	0.43	2.568	10.260	4.412	0.43	2.767	9.690	4.167	0.43	2.942
26	16	8.455	7.356	0.87	2.393	8.075	7.025	0.87	2.568	7.695	6.695	0.87	2.780
26	18	9.120	6.840	0.75	2.456	8.835	6.626	0.75	2.643	8.265	6.199	0.75	2.842
26	20	9.880	6.224	0.63	2.518	9.500	5.985	0.63	2.692	8.930	5.626	0.63	2.892
26	22	10.640	5.426	0.51	2.568	10.260	5.233	0.51	2.767	9.690	4.942	0.51	2.942
27	16	8.455	7.694	0.91	2.393	8.075	7.348	0.91	2.568	7.695	7.002	0.91	2.780
27	18	9.120	7.205	0.79	2.456	8.835	6.980	0.79	2.643	8.265	6.529	0.79	2.842
27	20	9.880	6.620	0.67	2.518	9.500	6.365	0.67	2.692	8.930	5.983	0.67	2.892
27	22	10.640	5.852	0.55	2.568	10.260	5.643	0.55	2.767	9.690	5.330	0.55	2.942
28	16	8.455	8.032	0.95	2.393	8.075	7.671	0.95	2.568	7.695	7.310	0.95	2.780
28	18	9.120	7.570	0.83	2.456	8.835	7.333	0.83	2.643	8.265	6.860	0.83	2.842
28	20	9.880	7.015	0.71	2.518	9.500	6.745	0.71	2.692	8.930	6.340	0.71	2.892
28	22	10.640	6.278	0.59	2.568	10.260	6.053	0.59	2.767	9.690	5.717	0.59	2.942
30	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
30	18	9.120	8.299	0.91	2.456	8.835	8.040	0.91	2.643	8.265	7.521	0.91	2.842
30	20	9.880	7.805	0.79	2.518	9.500	7.505	0.79	2.692	8.930	7.055	0.79	2.892
30	22	10.640	7.129	0.67	2.568	10.260	6.874	0.67	2.767	9.690	6.492	0.67	2.942
32	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
32	18	9.120	9.029	0.99	2.456	8.835	8.747	0.99	2.643	8.265	8.182	0.99	2.842
32	20	9.880	8.596	0.87	2.518	9.500	8.265	0.87	2.692	8.930	7.769	0.87	2.892
32	22	10.640	7.980	0.75	2.568	10.260	7.695	0.75	2.767	9.690	7.268	0.75	2.942
34	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
34	18	9.120	9.120	1.00	2.456	8.835	8.835	1.00	2.643	8.265	8.265	1.00	2.842
34	20	9.880	9.386	0.95	2.518	9.500	9.025	0.95	2.692	8.930	8.484	0.95	2.892
34	22	10.640	8.831	0.83	2.568	10.260	8.516	0.83	2.767	9.690	8.043	0.83	2.942

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

PSA-M125KA / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.886	0.94	2.900	9.232	8.678	0.94	3.167	9.010	8.469	0.94	3.435
14	8	9.654	8.399	0.87	2.898	9.396	8.175	0.87	3.171	9.138	7.950	0.87	3.443
14	9	10.053	7.942	0.79	2.894	9.784	7.729	0.79	3.178	9.515	7.517	0.79	3.462
16	8	9.848	9.257	0.94	2.895	9.620	9.043	0.94	3.176	9.392	8.828	0.94	3.456
16	9	10.126	8.607	0.85	2.892	9.856	8.378	0.85	3.179	9.586	8.148	0.85	3.466
16	11	10.592	8.156	0.77	2.885	10.308	7.937	0.77	3.187	10.025	7.719	0.77	3.488
18	10	10.256	9.538	0.93	2.890	10.017	9.316	0.93	3.183	9.777	9.093	0.93	3.476
18	11	10.632	8.931	0.84	2.886	10.347	8.691	0.84	3.188	10.062	8.452	0.84	3.489
18	12	11.164	8.373	0.75	2.877	10.861	8.146	0.75	3.193	10.558	7.919	0.75	3.508
20	16	12.375	7.673	0.62	3.164	12.000	7.440	0.62	3.342	11.625	7.208	0.62	3.540
20	18	13.250	6.625	0.50	3.223	12.875	6.438	0.50	3.401	12.438	6.219	0.50	3.639
20	20	14.250	5.415	0.38	3.322	13.938	5.296	0.38	3.480	13.563	5.154	0.38	3.718
22	16	12.375	8.663	0.70	3.164	12.000	8.400	0.70	3.342	11.625	8.138	0.70	3.540
22	18	13.250	7.685	0.58	3.223	12.875	7.468	0.58	3.401	12.438	7.214	0.58	3.639
22	20	14.250	6.555	0.46	3.322	13.938	6.411	0.46	3.480	13.563	6.239	0.46	3.718
24	16	12.375	9.653	0.78	3.164	12.000	9.360	0.78	3.342	11.625	9.068	0.78	3.540
24	18	13.250	8.745	0.66	3.223	12.875	8.498	0.66	3.401	12.438	8.209	0.66	3.639
24	20	14.250	7.695	0.54	3.322	13.938	7.527	0.54	3.480	13.563	7.324	0.54	3.718
24	22	15.188	6.379	0.42	3.401	14.875	6.248	0.42	3.599	14.500	6.090	0.42	3.836
26	16	12.375	10.643	0.86	3.164	12.000	10.320	0.86	3.342	11.625	9.998	0.86	3.540
26	18	13.250	9.805	0.74	3.223	12.875	9.528	0.74	3.401	12.438	9.204	0.74	3.639
26	20	14.250	8.835	0.62	3.322	13.938	8.642	0.62	3.480	13.563	8.409	0.62	3.718
26	22	15.188	7.594	0.50	3.401	14.875	7.438	0.50	3.599	14.500	7.250	0.50	3.836
27	16	12.375	11.138	0.90	3.164	12.000	10.800	0.90	3.342	11.625	10.463	0.90	3.540
27	18	13.250	10.335	0.78	3.223	12.875	10.043	0.78	3.401	12.438	9.702	0.78	3.639
27	20	14.250	9.405	0.66	3.322	13.938	9.199	0.66	3.480	13.563	8.952	0.66	3.718
27	22	15.188	8.202	0.54	3.401	14.875	8.033	0.54	3.599	14.500	7.830	0.54	3.836
28	16	12.375	11.633	0.94	3.164	12.000	11.280	0.94	3.342	11.625	10.928	0.94	3.540
28	18	13.250	10.865	0.82	3.223	12.875	10.558	0.82	3.401	12.438	10.199	0.82	3.639
28	20	14.250	9.975	0.70	3.322	13.938	9.757	0.70	3.480	13.563	9.494	0.70	3.718
28	22	15.188	8.809	0.58	3.401	14.875	8.628	0.58	3.599	14.500	8.410	0.58	3.836
30	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
30	18	13.250	11.925	0.90	3.223	12.875	11.588	0.90	3.401	12.438	11.194	0.90	3.639
30	20	14.250	11.115	0.78	3.322	13.938	10.872	0.78	3.480	13.563	10.579	0.78	3.718
30	22	15.188	10.024	0.66	3.401	14.875	9.818	0.66	3.599	14.500	9.570	0.66	3.836
32	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
32	18	13.250	12.985	0.98	3.223	12.875	12.618	0.98	3.401	12.438	12.189	0.98	3.639
32	20	14.250	12.255	0.86	3.322	13.938	11.987	0.86	3.480	13.563	11.664	0.86	3.718
32	22	15.188	11.239	0.74	3.401	14.875	11.008	0.74	3.599	14.500	10.730	0.74	3.836
34	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
34	18	13.250	13.250	1.00	3.223	12.875	12.875	1.00	3.401	12.438	12.438	1.00	3.639
34	20	14.250	13.395	0.94	3.322	13.938	13.102	0.94	3.480	13.563	12.749	0.94	3.718
34	22	15.188	12.454	0.82	3.401	14.875	12.198	0.82	3.599	14.500	11.890	0.82	3.836

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.740	8.497	7.987	0.94	4.055	8.278	7.781	0.94	4.368
14	8	8.851	7.700	0.87	3.747	8.559	7.446	0.87	4.063	8.326	7.244	0.87	4.375
14	9	9.220	7.284	0.79	3.777	8.904	7.034	0.79	4.100	8.643	6.828	0.79	4.419
16	8	9.138	8.590	0.94	3.771	8.865	8.333	0.94	4.095	8.638	8.120	0.94	4.417
16	9	9.288	7.895	0.85	3.783	8.973	7.627	0.85	4.106	8.721	7.413	0.85	4.428
16	11	9.716	7.481	0.77	3.815	9.385	7.226	0.77	4.149	9.108	7.013	0.77	4.478
18	10	9.517	8.851	0.93	3.800	9.239	8.592	0.93	4.134	9.003	8.373	0.93	4.465
18	11	9.754	8.193	0.84	3.817	9.422	7.914	0.84	4.151	9.145	7.682	0.84	4.483
18	12	10.236	7.677	0.75	3.849	9.890	7.418	0.75	4.195	9.595	7.196	0.75	4.536
20	16	11.125	6.898	0.62	3.797	10.625	6.588	0.62	4.074	10.125	6.278	0.62	4.410
20	18	12.000	6.000	0.50	3.896	11.625	5.813	0.50	4.192	10.875	5.438	0.50	4.509
20	20	13.000	4.940	0.38	3.995	12.500	4.750	0.38	4.271	11.750	4.465	0.38	4.588
22	16	11.125	7.788	0.70	3.797	10.625	7.438	0.70	4.074	10.125	7.088	0.70	4.410
22	18	12.000	6.960	0.58	3.896	11.625	6.743	0.58	4.192	10.875	6.308	0.58	4.509
22	20	13.000	5.980	0.46	3.995	12.500	5.750	0.46	4.271	11.750	5.405	0.46	4.588
24	16	11.125	8.678	0.78	3.797	10.625	8.288	0.78	4.074	10.125	7.898	0.78	4.410
24	18	12.000	7.920	0.66	3.896	11.625	7.673	0.66	4.192	10.875	7.178	0.66	4.509
24	20	13.000	7.020	0.54	3.995	12.500	6.750	0.54	4.271	11.750	6.345	0.54	4.588
24	22	14.000	5.880	0.42	4.074	13.500	5.670	0.42	4.390	12.750	5.355	0.42	4.667
26	16	11.125	9.568	0.86	3.797	10.625	9.138	0.86	4.074	10.125	8.708	0.86	4.410
26	18	12.000	8.880	0.74	3.896	11.625	8.603	0.74	4.192	10.875	8.048	0.74	4.509
26	20	13.000	8.060	0.62	3.995	12.500	7.750	0.62	4.271	11.750	7.285	0.62	4.588
26	22	14.000	7.000	0.50	4.074	13.500	6.750	0.50	4.390	12.750	6.375	0.50	4.667
27	16	11.125	10.013	0.90	3.797	10.625	9.563	0.90	4.074	10.125	9.113	0.90	4.410
27	18	12.000	9.360	0.78	3.896	11.625	9.068	0.78	4.192	10.875	8.483	0.78	4.509
27	20	13.000	8.580	0.66	3.995	12.500	8.250	0.66	4.271	11.750	7.755	0.66	4.588
27	22	14.000	7.560	0.54	4.074	13.500	7.290	0.54	4.390	12.750	6.885	0.54	4.667
28	16	11.125	10.458	0.94	3.797	10.625	9.988	0.94	4.074	10.125	9.518	0.94	4.410
28	18	12.000	9.840	0.82	3.896	11.625	9.533	0.82	4.192	10.875	8.918	0.82	4.509
28	20	13.000	9.100	0.70	3.995	12.500	8.750	0.70	4.271	11.750	8.225	0.70	4.588
28	22	14.000	8.120	0.58	4.074	13.500	7.830	0.58	4.390	12.750	7.395	0.58	4.667
30	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
30	18	12.000	10.800	0.90	3.896	11.625	10.463	0.90	4.192	10.875	9.788	0.90	4.509
30	20	13.000	10.140	0.78	3.995	12.500	9.750	0.78	4.271	11.750	9.165	0.78	4.588
30	22	14.000	9.240	0.66	4.074	13.500	8.910	0.66	4.390	12.750	8.415	0.66	4.667
32	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
32	18	12.000	11.760	0.98	3.896	11.625	11.393	0.98	4.192	10.875	10.658	0.98	4.509
32	20	13.000	11.180	0.86	3.995	12.500	10.750	0.86	4.271	11.750	10.105	0.86	4.588
32	22	14.000	10.360	0.74	4.074	13.500	9.990	0.74	4.390	12.750	9.435	0.74	4.667
34	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
34	18	12.000	12.000	1.00	3.896	11.625	11.625	1.00	4.192	10.875	10.875	1.00	4.509
34	20	13.000	12.220	0.94	3.995	12.500	11.750	0.94	4.271	11.750	11.045	0.94	4.588
34	22	14.000	11.480	0.82	4.074	13.500	11.070	0.82	4.390	12.750	10.455	0.82	4.667

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

FLOOR-STANDING PERFORMANCE DATA

PSA-M140KA / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.424	0.93	2.915	9.896	9.203	0.93	3.184	9.659	8.983	0.93	3.453
14	8	10.349	8.900	0.86	2.914	10.072	8.662	0.86	3.188	9.796	8.425	0.86	3.461
14	9	10.777	8.406	0.78	2.909	10.489	8.181	0.78	3.195	10.201	7.957	0.78	3.481
16	8	10.557	9.818	0.93	2.910	10.313	9.591	0.93	3.192	10.068	9.363	0.93	3.475
16	9	10.855	9.118	0.84	2.908	10.566	8.875	0.84	3.196	10.276	8.632	0.84	3.484
16	11	11.355	8.630	0.76	2.900	11.051	8.399	0.76	3.203	10.746	8.167	0.76	3.506
18	10	10.994	10.114	0.92	2.905	10.738	9.879	0.92	3.200	10.481	9.643	0.92	3.494
18	11	11.398	9.460	0.83	2.902	11.092	9.206	0.83	3.205	10.787	8.953	0.83	3.508
18	12	11.968	8.856	0.74	2.892	11.643	8.616	0.74	3.210	11.319	8.376	0.74	3.527
20	16	13.266	8.092	0.61	3.181	12.864	7.847	0.61	3.360	12.462	7.602	0.61	3.559
20	18	14.204	6.960	0.49	3.240	13.802	6.763	0.49	3.419	13.333	6.533	0.49	3.658
20	20	15.276	5.652	0.37	3.340	14.941	5.528	0.37	3.499	14.539	5.379	0.37	3.737
22	16	13.266	9.154	0.69	3.181	12.864	8.876	0.69	3.360	12.462	8.599	0.69	3.559
22	18	14.204	8.096	0.57	3.240	13.802	7.867	0.57	3.419	13.333	7.600	0.57	3.658
22	20	15.276	6.874	0.45	3.340	14.941	6.723	0.45	3.499	14.539	6.543	0.45	3.737
24	16	13.266	10.215	0.77	3.181	12.864	9.905	0.77	3.360	12.462	9.596	0.77	3.559
24	18	14.204	9.233	0.65	3.240	13.802	8.971	0.65	3.419	13.333	8.666	0.65	3.658
24	20	15.276	8.096	0.53	3.340	14.941	7.919	0.53	3.499	14.539	7.706	0.53	3.737
24	22	16.281	6.675	0.41	3.419	15.946	6.538	0.41	3.618	15.544	6.373	0.41	3.857
26	16	13.266	11.276	0.85	3.181	12.864	10.934	0.85	3.360	12.462	10.593	0.85	3.559
26	18	14.204	10.369	0.73	3.240	13.802	10.075	0.73	3.419	13.333	9.733	0.73	3.658
26	20	15.276	9.318	0.61	3.340	14.941	9.114	0.61	3.499	14.539	8.869	0.61	3.737
26	22	16.281	7.978	0.49	3.419	15.946	7.814	0.49	3.618	15.544	7.617	0.49	3.857
27	16	13.266	11.807	0.89	3.181	12.864	11.449	0.89	3.360	12.462	11.091	0.89	3.559
27	18	14.204	10.937	0.77	3.240	13.802	10.628	0.77	3.419	13.333	10.266	0.77	3.658
27	20	15.276	9.929	0.65	3.340	14.941	9.712	0.65	3.499	14.539	9.450	0.65	3.737
27	22	16.281	8.629	0.53	3.419	15.946	8.451	0.53	3.618	15.544	8.238	0.53	3.857
28	16	13.266	12.337	0.93	3.181	12.864	11.964	0.93	3.360	12.462	11.590	0.93	3.559
28	18	14.204	11.505	0.81	3.240	13.802	11.180	0.81	3.419	13.333	10.800	0.81	3.658
28	20	15.276	10.540	0.69	3.340	14.941	10.309	0.69	3.499	14.539	10.032	0.69	3.737
28	22	16.281	9.280	0.57	3.419	15.946	9.089	0.57	3.618	15.544	8.860	0.57	3.857
30	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
30	18	14.204	12.642	0.89	3.240	13.802	12.284	0.89	3.419	13.333	11.866	0.89	3.658
30	20	15.276	11.763	0.77	3.340	14.941	11.505	0.77	3.499	14.539	11.195	0.77	3.737
30	22	16.281	10.583	0.65	3.419	15.946	10.365	0.65	3.618	15.544	10.104	0.65	3.857
32	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
32	18	14.204	13.778	0.97	3.240	13.802	13.388	0.97	3.419	13.333	12.933	0.97	3.658
32	20	15.276	12.985	0.85	3.340	14.941	12.700	0.85	3.499	14.539	12.358	0.85	3.737
32	22	16.281	11.885	0.73	3.419	15.946	11.641	0.73	3.618	15.544	11.347	0.73	3.857
34	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
34	18	14.204	14.204	1.00	3.240	13.802	13.802	1.00	3.419	13.333	13.333	1.00	3.658
34	20	15.276	14.207	0.93	3.340	14.941	13.895	0.93	3.499	14.539	13.521	0.93	3.737
34	22	16.281	13.188	0.81	3.419	15.946	12.916	0.81	3.618	15.544	12.591	0.81	3.857

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.736	0.93	3.759	9.109	8.471	0.93	4.077	8.874	8.253	0.93	4.391
14	8	9.488	8.160	0.86	3.767	9.175	7.891	0.86	4.084	8.926	7.676	0.86	4.398
14	9	9.883	7.709	0.78	3.797	9.545	7.445	0.78	4.122	9.265	7.227	0.78	4.442
16	8	9.796	9.110	0.93	3.791	9.503	8.838	0.93	4.117	9.260	8.612	0.93	4.441
16	9	9.957	8.364	0.84	3.803	9.619	8.080	0.84	4.128	9.348	7.852	0.84	4.452
16	11	10.415	7.915	0.76	3.835	10.061	7.646	0.76	4.171	9.764	7.421	0.76	4.502
18	10	10.203	9.387	0.92	3.820	9.904	9.112	0.92	4.156	9.652	8.880	0.92	4.488
18	11	10.456	8.678	0.83	3.837	10.100	8.383	0.83	4.173	9.803	8.136	0.83	4.506
18	12	10.973	8.120	0.74	3.869	10.602	7.845	0.74	4.217	10.286	7.612	0.74	4.560
20	16	11.926	7.275	0.61	3.817	11.390	6.948	0.61	4.095	10.854	6.621	0.61	4.433
20	18	12.864	6.303	0.49	3.916	12.462	6.106	0.49	4.215	11.658	5.712	0.49	4.533
20	20	13.936	5.156	0.37	4.016	13.400	4.958	0.37	4.294	12.596	4.661	0.37	4.612
22	16	11.926	8.229	0.69	3.817	11.390	7.859	0.69	4.095	10.854	7.489	0.69	4.433
22	18	12.864	7.332	0.57	3.916	12.462	7.103	0.57	4.215	11.658	6.645	0.57	4.533
22	20	13.936	6.271	0.45	4.016	13.400	6.030	0.45	4.294	12.596	5.668	0.45	4.612
24	16	11.926	9.183	0.77	3.817	11.390	8.770	0.77	4.095	10.854	8.358	0.77	4.433
24	18	12.864	8.362	0.65	3.916	12.462	8.100	0.65	4.215	11.658	7.578	0.65	4.533
24	20	13.936	7.386	0.53	4.016	13.400	7.102	0.53	4.294	12.596	6.676	0.53	4.612
24	22	15.008	6.153	0.41	4.095	14.472	5.934	0.41	4.413	13.668	5.604	0.41	4.692
26	16	11.926	10.137	0.85	3.817	11.390	9.682	0.85	4.095	10.854	9.226	0.85	4.433
26	18	12.864	9.391	0.73	3.916	12.462	9.097	0.73	4.215	11.658	8.510	0.73	4.533
26	20	13.936	8.501	0.61	4.016	13.400	8.174	0.61	4.294	12.596	7.684	0.61	4.612
26	22	15.008	7.354	0.49	4.095	14.472	7.091	0.49	4.413	13.668	6.697	0.49	4.692
27	16	11.926	10.614	0.89	3.817	11.390	10.137	0.89	4.095	10.854	9.660	0.89	4.433
27	18	12.864	9.905	0.77	3.916	12.462	9.596	0.77	4.215	11.658	8.977	0.77	4.533
27	20	13.936	9.058	0.65	4.016	13.400	8.710	0.65	4.294	12.596	8.187	0.65	4.612
27	22	15.008	7.954	0.53	4.095	14.472	7.670	0.53	4.413	13.668	7.244	0.53	4.692
28	16	11.926	11.091	0.93	3.817	11.390	10.593	0.93	4.095	10.854	10.094	0.93	4.433
28	18	12.864	10.420	0.81	3.916	12.462	10.094	0.81	4.215	11.658	9.443	0.81	4.533
28	20	13.936	9.616	0.69	4.016	13.400	9.246	0.69	4.294	12.596	8.691	0.69	4.612
28	22	15.008	8.555	0.57	4.095	14.472	8.249	0.57	4.413	13.668	7.791	0.57	4.692
30	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
30	18	12.864	11.449	0.89	3.916	12.462	11.091	0.89	4.215	11.658	10.376	0.89	4.533
30	20	13.936	10.731	0.77	4.016	13.400	10.318	0.77	4.294	12.596	9.699	0.77	4.612
30	22	15.008	9.755	0.65	4.095	14.472	9.407	0.65	4.413	13.668	8.884	0.65	4.692
32	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
32	18	12.864	12.478	0.97	3.916	12.462	12.088	0.97	4.215	11.658	11.308	0.97	4.533
32	20	13.936	11.846	0.85	4.016	13.400	11.390	0.85	4.294	12.596	10.707	0.85	4.612
32	22	15.008	10.956	0.73	4.095	14.472	10.565	0.73	4.413	13.668	9.978	0.73	4.692
34	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
34	18	12.864	12.864	1.00	3.916	12.462	12.462	1.00	4.215	11.658	11.658	1.00	4.533
34	20	13.936	12.960	0.93	4.016	13.400	12.462	0.93	4.294	12.596	11.714	0.93	4.612
34	22	15.008	12.156	0.81	4.095	14.472	11.722	0.81	4.413	13.668	11.071	0.81	4.692

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

PSA-M71KA / SUZ-M71VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		21				25				27			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.756	0.57	1.578	7.988	4.553	0.57	1.656	7.668	4.371	0.57	1.735
21	20	8.698	3.914	0.45	1.656	8.343	3.754	0.45	1.755	8.094	3.642	0.45	1.795
22	18	8.343	5.089	0.61	1.578	7.988	4.873	0.61	1.656	7.668	4.677	0.61	1.735
22	20	8.698	4.262	0.49	1.656	8.343	4.088	0.49	1.755	8.094	3.966	0.49	1.795
22	22	9.053	3.350	0.37	1.716	8.733	3.231	0.37	1.824	8.520	3.152	0.37	1.873
23	18	8.343	5.423	0.65	1.578	7.988	5.192	0.65	1.656	7.668	4.984	0.65	1.735
23	20	8.698	4.610	0.53	1.656	8.343	4.422	0.53	1.755	8.094	4.290	0.53	1.795
23	22	9.053	3.712	0.41	1.716	8.733	3.581	0.41	1.824	8.520	3.493	0.41	1.873
24	18	8.343	5.757	0.69	1.578	7.988	5.512	0.69	1.656	7.668	5.291	0.69	1.735
24	20	8.698	4.958	0.57	1.656	8.343	4.756	0.57	1.755	8.094	4.614	0.57	1.795
24	22	9.053	4.074	0.45	1.716	8.733	3.930	0.45	1.824	8.520	3.834	0.45	1.873
24	24	9.514	3.140	0.33	1.795	9.159	3.022	0.33	1.893	8.946	2.952	0.33	1.952
25	20	8.698	5.306	0.61	1.656	8.343	5.089	0.61	1.755	8.094	4.937	0.61	1.795
25	22	9.053	4.436	0.49	1.716	8.733	4.279	0.49	1.824	8.520	4.175	0.49	1.873
25	24	9.514	3.520	0.37	1.795	9.159	3.389	0.37	1.893	8.946	3.310	0.37	1.952
26	18	8.343	6.424	0.77	1.578	7.988	6.151	0.77	1.656	7.668	5.904	0.77	1.735
26	20	8.698	5.654	0.65	1.656	8.343	5.423	0.65	1.755	8.094	5.261	0.65	1.795
26	22	9.053	4.798	0.53	1.716	8.733	4.628	0.53	1.824	8.520	4.516	0.53	1.873
26	24	9.514	3.901	0.41	1.795	9.159	3.755	0.41	1.893	8.946	3.668	0.41	1.952
26	26	9.798	2.841	0.29	1.893	9.514	2.759	0.29	1.992	9.372	2.718	0.29	2.051
27	18	8.343	6.758	0.81	1.578	7.988	6.470	0.81	1.656	7.668	6.211	0.81	1.735
27	20	8.698	6.002	0.69	1.656	8.343	5.757	0.69	1.755	8.094	5.585	0.69	1.795
27	22	9.053	5.160	0.57	1.716	8.733	4.978	0.57	1.824	8.520	4.856	0.57	1.873
27	24	9.514	4.281	0.45	1.795	9.159	4.122	0.45	1.893	8.946	4.026	0.45	1.952
27	26	9.798	3.233	0.33	1.893	9.514	3.140	0.33	1.992	9.372	3.093	0.33	2.051
28	18	8.343	7.092	0.85	1.578	7.988	6.790	0.85	1.656	7.668	6.518	0.85	1.735
28	20	8.698	6.350	0.73	1.656	8.343	6.090	0.73	1.755	8.094	5.909	0.73	1.795
28	22	9.053	5.522	0.61	1.716	8.733	5.327	0.61	1.824	8.520	5.197	0.61	1.873
28	24	9.514	4.662	0.49	1.795	9.159	4.488	0.49	1.893	8.946	4.384	0.49	1.952
28	26	9.798	3.625	0.37	1.893	9.514	3.520	0.37	1.992	9.372	3.468	0.37	2.051
29	18	8.343	7.425	0.89	1.578	7.988	7.109	0.89	1.656	7.668	6.825	0.89	1.735
29	20	8.698	6.697	0.77	1.656	8.343	6.424	0.77	1.755	8.094	6.232	0.77	1.795
29	22	9.053	5.884	0.65	1.716	8.733	5.676	0.65	1.824	8.520	5.538	0.65	1.873
29	24	9.514	5.042	0.53	1.795	9.159	4.854	0.53	1.893	8.946	4.741	0.53	1.952
29	26	9.798	4.017	0.41	1.893	9.514	3.901	0.41	1.992	9.372	3.843	0.41	2.051
30	18	8.343	7.759	0.93	1.578	7.988	7.429	0.93	1.656	7.668	7.131	0.93	1.735
30	20	8.698	7.045	0.81	1.656	8.343	6.758	0.81	1.755	8.094	6.556	0.81	1.795
30	22	9.053	6.247	0.69	1.716	8.733	6.026	0.69	1.824	8.520	5.879	0.69	1.873
30	24	9.514	5.423	0.57	1.795	9.159	5.221	0.57	1.893	8.946	5.099	0.57	1.952
30	26	9.798	4.409	0.45	1.893	9.514	4.281	0.45	1.992	9.372	4.217	0.45	2.051
31	18	8.343	8.093	0.97	1.578	7.988	7.748	0.97	1.656	7.668	7.438	0.97	1.735
31	20	8.698	7.393	0.85	1.656	8.343	7.092	0.85	1.755	8.094	6.880	0.85	1.795
31	22	9.053	6.609	0.73	1.716	8.733	6.375	0.73	1.824	8.520	6.220	0.73	1.873
31	24	9.514	5.804	0.61	1.795	9.159	5.587	0.61	1.893	8.946	5.457	0.61	1.952
31	26	9.798	4.801	0.49	1.893	9.514	4.662	0.49	1.992	9.372	4.592	0.49	2.051
32	18	8.343	8.343	1.00	1.578	7.988	7.988	1.00	1.656	7.668	7.668	1.00	1.735
32	20	8.698	7.741	0.89	1.656	8.343	7.425	0.89	1.755	8.094	7.204	0.89	1.795
32	22	9.053	6.971	0.77	1.716	8.733	6.724	0.77	1.824	8.520	6.560	0.77	1.873
32	24	9.514	6.184	0.65	1.795	9.159	5.953	0.65	1.893	8.946	5.815	0.65	1.952
32	26	9.798	5.193	0.53	1.893	9.514	5.042	0.53	1.992	9.372	4.967	0.53	2.051

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

PSA-M71KA / SUZ-M71VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		30				35				40				46			
		CA (kW)	SHC(kW)	SHF	P.C. (kW)	CA (kW)	SHC(kW)	SHF	P.C. (kW)	CA (kW)	SHC(kW)	SHF	P.C. (kW)	CA (kW)	SHC(kW)	SHF	P.C. (kW)
21	18	7.384	4.209	0.57	1.814	6.958	3.966	0.57	1.933	6.390	3.642	0.57	2.051	5.893	3.359	0.57	2.130
21	20	7.810	3.515	0.45	1.873	7.313	3.291	0.45	2.011	6.816	3.067	0.45	2.110	6.319	2.844	0.45	2.228
22	18	7.384	4.504	0.61	1.814	6.958	4.244	0.61	1.933	6.390	3.898	0.61	2.051	5.893	3.595	0.61	2.130
22	20	7.810	3.827	0.49	1.873	7.313	3.583	0.49	2.011	6.816	3.340	0.49	2.110	6.319	3.096	0.49	2.228
22	22	8.165	3.021	0.37	1.952	7.739	2.863	0.37	2.090	7.242	2.680	0.37	2.209	6.745	2.496	0.37	2.288
23	18	7.384	4.800	0.65	1.814	6.958	4.523	0.65	1.933	6.390	4.154	0.65	2.051	5.893	3.830	0.65	2.130
23	20	7.810	4.139	0.53	1.873	7.313	3.876	0.53	2.011	6.816	3.612	0.53	2.110	6.319	3.349	0.53	2.228
23	22	8.165	3.348	0.41	1.952	7.739	3.173	0.41	2.090	7.242	2.969	0.41	2.209	6.745	2.765	0.41	2.288
24	18	7.384	5.095	0.69	1.814	6.958	4.801	0.69	1.933	6.390	4.409	0.69	2.051	5.893	4.066	0.69	2.130
24	20	7.810	4.452	0.57	1.873	7.313	4.168	0.57	2.011	6.816	3.885	0.57	2.110	6.319	3.602	0.57	2.228
24	22	8.165	3.674	0.45	1.952	7.739	3.483	0.45	2.090	7.242	3.259	0.45	2.209	6.745	3.035	0.45	2.288
24	24	8.662	2.858	0.33	2.051	8.165	2.694	0.33	2.169	7.668	2.530	0.33	2.268	7.242	2.390	0.33	2.366
25	20	7.810	4.764	0.61	1.873	7.313	4.461	0.61	2.011	6.816	4.158	0.61	2.110	6.319	3.855	0.61	2.228
25	22	8.165	4.001	0.49	1.952	7.739	3.792	0.49	2.090	7.242	3.549	0.49	2.209	6.745	3.305	0.49	2.288
25	24	8.662	3.205	0.37	2.051	8.165	3.021	0.37	2.169	7.668	2.837	0.37	2.268	7.242	2.680	0.37	2.366
26	18	7.384	5.686	0.77	1.814	6.958	5.358	0.77	1.933	6.390	4.920	0.77	2.051	5.893	4.538	0.77	2.130
26	20	7.810	5.077	0.65	1.873	7.313	4.753	0.65	2.011	6.816	4.430	0.65	2.110	6.319	4.107	0.65	2.228
26	22	8.165	4.327	0.53	1.952	7.739	4.102	0.53	2.090	7.242	3.838	0.53	2.209	6.745	3.575	0.53	2.288
26	24	8.662	3.551	0.41	2.051	8.165	3.348	0.41	2.169	7.668	3.144	0.41	2.268	7.242	2.969	0.41	2.366
26	26	9.088	2.636	0.29	2.110	8.591	2.491	0.29	2.248	8.094	2.347	0.29	2.347	7.597	2.203	0.29	2.445
27	18	7.384	5.981	0.81	1.814	6.958	5.636	0.81	1.933	6.390	5.176	0.81	2.051	5.893	4.773	0.81	2.130
27	20	7.810	5.389	0.69	1.873	7.313	5.046	0.69	2.011	6.816	4.703	0.69	2.110	6.319	4.360	0.69	2.228
27	22	8.165	4.654	0.57	1.952	7.739	4.411	0.57	2.090	7.242	4.128	0.57	2.209	6.745	3.845	0.57	2.288
27	24	8.662	3.898	0.45	2.051	8.165	3.674	0.45	2.169	7.668	3.451	0.45	2.268	7.242	3.259	0.45	2.366
27	26	9.088	2.999	0.33	2.110	8.591	2.835	0.33	2.248	8.094	2.671	0.33	2.347	7.597	2.507	0.33	2.445
28	18	7.384	6.276	0.85	1.814	6.958	5.914	0.85	1.933	6.390	5.432	0.85	2.051	5.893	5.009	0.85	2.130
28	20	7.810	5.701	0.73	1.873	7.313	5.338	0.73	2.011	6.816	4.976	0.73	2.110	6.319	4.613	0.73	2.228
28	22	8.165	4.981	0.61	1.952	7.739	4.721	0.61	2.090	7.242	4.418	0.61	2.209	6.745	4.114	0.61	2.288
28	24	8.662	4.244	0.49	2.051	8.165	4.001	0.49	2.169	7.668	3.757	0.49	2.268	7.242	3.549	0.49	2.366
28	26	9.088	3.363	0.37	2.110	8.591	3.179	0.37	2.248	8.094	2.995	0.37	2.347	7.597	2.811	0.37	2.445
29	18	7.384	6.572	0.89	1.814	6.958	6.193	0.89	1.933	6.390	5.687	0.89	2.051	5.893	5.245	0.89	2.130
29	20	7.810	6.014	0.77	1.873	7.313	5.631	0.77	2.011	6.816	5.248	0.77	2.110	6.319	4.866	0.77	2.228
29	22	8.165	5.307	0.65	1.952	7.739	5.030	0.65	2.090	7.242	4.707	0.65	2.209	6.745	4.384	0.65	2.288
29	24	8.662	4.591	0.53	2.051	8.165	4.327	0.53	2.169	7.668	4.064	0.53	2.268	7.242	3.838	0.53	2.366
29	26	9.088	3.726	0.41	2.110	8.591	3.522	0.41	2.248	8.094	3.319	0.41	2.347	7.597	3.115	0.41	2.445
30	18	7.384	6.867	0.93	1.814	6.958	6.471	0.93	1.933	6.390	5.943	0.93	2.051	5.893	5.480	0.93	2.130
30	20	7.810	6.326	0.81	1.873	7.313	5.924	0.81	2.011	6.816	5.521	0.81	2.110	6.319	5.118	0.81	2.228
30	22	8.165	5.634	0.69	1.952	7.739	5.340	0.69	2.090	7.242	4.997	0.69	2.209	6.745	4.654	0.69	2.288
30	24	8.662	4.937	0.57	2.051	8.165	4.654	0.57	2.169	7.668	4.371	0.57	2.268	7.242	4.128	0.57	2.366
30	26	9.088	4.090	0.45	2.110	8.591	3.866	0.45	2.248	8.094	3.642	0.45	2.347	7.597	3.419	0.45	2.445
31	18	7.384	7.162	0.97	1.814	6.958	6.749	0.97	1.933	6.390	6.198	0.97	2.051	5.893	5.716	0.97	2.130
31	20	7.810	6.639	0.85	1.873	7.313	6.216	0.85	2.011	6.816	5.794	0.85	2.110	6.319	5.371	0.85	2.228
31	22	8.165	5.960	0.73	1.952	7.739	5.649	0.73	2.090	7.242	5.287	0.73	2.209	6.745	4.924	0.73	2.288
31	24	8.662	5.284	0.61	2.051	8.165	4.981	0.61	2.169	7.668	4.677	0.61	2.268	7.242	4.418	0.61	2.366
31	26	9.088	4.453	0.49	2.110	8.591	4.210	0.49	2.248	8.094	3.966	0.49	2.347	7.597	3.723	0.49	2.445
32	18	7.384	7.384	1.00	1.814	6.958	6.958	1.00	1.933	6.390	6.390	1.00	2.051	5.893	5.893	1.00	2.130
32	20	7.810	6.951	0.89	1.873	7.313	6.509	0.89	2.011	6.816	6.066	0.89	2.110	6.319	5.624	0.89	2.228
32	22	8.165	6.287	0.77	1.952	7.739	5.959	0.77	2.090	7.242	5.576	0.77	2.209	6.745	5.194	0.77	2.288
32	24	8.662	5.630	0.65	2.051	8.165	5.307	0.65	2.169	7.668	4.984	0.65	2.268	7.242	4.707	0.65	2.366
32	26	9.088	4.817	0.53	2.110	8.591	4.553	0.53	2.248	8.094	4.290	0.53	2.347	7.597	4.026	0.53	2.445

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

PSA-M100KA / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.108	6.753	0.95	1.969	6.942	6.595	0.95	2.151	6.776	6.437	0.95	2.333
14	8	7.260	6.389	0.88	1.968	7.066	6.218	0.88	2.153	6.872	6.047	0.88	2.338
14	9	7.560	6.048	0.80	1.965	7.358	5.886	0.80	2.158	7.156	5.725	0.80	2.351
16	8	7.406	7.036	0.95	1.966	7.234	6.872	0.95	2.157	7.063	6.710	0.95	2.347
16	9	7.615	6.549	0.86	1.964	7.412	6.374	0.86	2.159	7.209	6.200	0.86	2.354
16	11	7.965	6.213	0.78	1.959	7.752	6.047	0.78	2.164	7.538	5.880	0.78	2.369
18	10	7.712	7.249	0.94	1.963	7.532	7.080	0.94	2.162	7.353	6.912	0.94	2.361
18	11	7.995	6.796	0.85	1.960	7.781	6.614	0.85	2.165	7.567	6.432	0.85	2.370
18	12	8.395	6.380	0.76	1.954	8.168	6.208	0.76	2.168	7.940	6.034	0.76	2.383
20	16	9.306	5.863	0.63	2.149	9.024	5.685	0.63	2.270	8.742	5.507	0.63	2.404
20	18	9.964	5.082	0.51	2.189	9.682	4.938	0.51	2.310	9.353	4.770	0.51	2.471
20	20	10.716	4.179	0.39	2.256	10.481	4.088	0.39	2.364	10.199	3.978	0.39	2.525
22	16	9.306	6.607	0.71	2.149	9.024	6.407	0.71	2.270	8.742	6.207	0.71	2.404
22	18	9.964	5.879	0.59	2.189	9.682	5.712	0.59	2.310	9.353	5.518	0.59	2.471
22	20	10.716	5.037	0.47	2.256	10.481	4.926	0.47	2.364	10.199	4.794	0.47	2.525
24	16	9.306	7.352	0.79	2.149	9.024	7.129	0.79	2.270	8.742	6.906	0.79	2.404
24	18	9.964	6.676	0.67	2.189	9.682	6.487	0.67	2.310	9.353	6.267	0.67	2.471
24	20	10.716	5.894	0.55	2.256	10.481	5.765	0.55	2.364	10.199	5.609	0.55	2.525
24	22	11.421	4.911	0.43	2.310	11.186	4.810	0.43	2.444	10.904	4.689	0.43	2.605
26	16	9.306	8.096	0.87	2.149	9.024	7.851	0.87	2.270	8.742	7.606	0.87	2.404
26	18	9.964	7.473	0.75	2.189	9.682	7.262	0.75	2.310	9.353	7.015	0.75	2.471
26	20	10.716	6.751	0.63	2.256	10.481	6.603	0.63	2.364	10.199	6.425	0.63	2.525
26	22	11.421	5.825	0.51	2.310	11.186	5.705	0.51	2.444	10.904	5.561	0.51	2.605
27	16	9.306	8.468	0.91	2.149	9.024	8.212	0.91	2.270	8.742	7.955	0.91	2.404
27	18	9.964	7.872	0.79	2.189	9.682	7.649	0.79	2.310	9.353	7.389	0.79	2.471
27	20	10.716	7.180	0.67	2.256	10.481	7.022	0.67	2.364	10.199	6.833	0.67	2.525
27	22	11.421	6.282	0.55	2.310	11.186	6.152	0.55	2.444	10.904	5.997	0.55	2.605
28	16	9.306	8.841	0.95	2.149	9.024	8.573	0.95	2.270	8.742	8.305	0.95	2.404
28	18	9.964	8.270	0.83	2.189	9.682	8.036	0.83	2.310	9.353	7.763	0.83	2.471
28	20	10.716	7.608	0.71	2.256	10.481	7.442	0.71	2.364	10.199	7.241	0.71	2.525
28	22	11.421	6.738	0.59	2.310	11.186	6.600	0.59	2.444	10.904	6.433	0.59	2.605
30	16	9.306	9.306	1.00	2.149	9.024	9.024	1.00	2.270	8.742	8.742	1.00	2.404
30	18	9.964	9.067	0.91	2.189	9.682	8.811	0.91	2.310	9.353	8.511	0.91	2.471
30	20	10.716	8.466	0.79	2.256	10.481	8.280	0.79	2.364	10.199	8.057	0.79	2.525
30	22	11.421	7.652	0.67	2.310	11.186	7.495	0.67	2.444	10.904	7.306	0.67	2.605
32	16	9.306	9.306	1.00	2.149	9.024	9.024	1.00	2.270	8.742	8.742	1.00	2.404
32	18	9.964	9.864	0.99	2.189	9.682	9.585	0.99	2.310	9.353	9.259	0.99	2.471
32	20	10.716	9.323	0.87	2.256	10.481	9.118	0.87	2.364	10.199	8.873	0.87	2.525
32	22	11.421	8.566	0.75	2.310	11.186	8.390	0.75	2.444	10.904	8.178	0.75	2.605
34	16	9.306	9.306	1.00	2.149	9.024	9.024	1.00	2.270	8.742	8.742	1.00	2.404
34	18	9.964	9.964	1.00	2.189	9.682	9.682	1.00	2.310	9.353	9.353	1.00	2.471
34	20	10.716	10.180	0.95	2.256	10.481	9.957	0.95	2.364	10.199	9.689	0.95	2.525
34	22	11.421	9.479	0.83	2.310	11.186	9.284	0.83	2.444	10.904	9.050	0.83	2.605

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.590	6.261	0.95	2.540	6.390	6.071	0.95	2.754	6.225	5.914	0.95	2.966
14	8	6.656	5.857	0.88	2.545	6.436	5.664	0.88	2.759	6.261	5.510	0.88	2.971
14	9	6.933	5.546	0.80	2.565	6.696	5.357	0.80	2.785	6.499	5.199	0.80	3.001
16	8	6.872	6.528	0.95	2.561	6.666	6.333	0.95	2.781	6.496	6.171	0.95	3.000
16	9	6.985	6.007	0.86	2.569	6.747	5.802	0.86	2.789	6.558	5.640	0.86	3.007
16	11	7.306	5.699	0.78	2.591	7.057	5.504	0.78	2.818	6.849	5.342	0.78	3.041
18	10	7.157	6.728	0.94	2.581	6.947	6.530	0.94	2.808	6.771	6.365	0.94	3.032
18	11	7.335	6.235	0.85	2.592	7.085	6.022	0.85	2.819	6.877	5.845	0.85	3.044
18	12	7.697	5.850	0.76	2.614	7.437	5.652	0.76	2.849	7.216	5.484	0.76	3.081
20	16	8.366	5.271	0.63	2.579	7.990	5.034	0.63	2.767	7.614	4.797	0.63	2.995
20	18	9.024	4.602	0.51	2.646	8.742	4.458	0.51	2.847	8.178	4.171	0.51	3.062
20	20	9.776	3.813	0.39	2.713	9.400	3.666	0.39	2.901	8.836	3.446	0.39	3.116
22	16	8.366	5.940	0.71	2.579	7.990	5.673	0.71	2.767	7.614	5.406	0.71	2.995
22	18	9.024	5.324	0.59	2.646	8.742	5.158	0.59	2.847	8.178	4.825	0.59	3.062
22	20	9.776	4.595	0.47	2.713	9.400	4.418	0.47	2.901	8.836	4.153	0.47	3.116
24	16	8.366	6.609	0.79	2.579	7.990	6.312	0.79	2.767	7.614	6.015	0.79	2.995
24	18	9.024	6.046	0.67	2.646	8.742	5.857	0.67	2.847	8.178	5.479	0.67	3.062
24	20	9.776	5.377	0.55	2.713	9.400	5.170	0.55	2.901	8.836	4.860	0.55	3.116
24	22	10.528	4.527	0.43	2.767	10.152	4.365	0.43	2.981	9.588	4.123	0.43	3.169
26	16	8.366	7.278	0.87	2.579	7.990	6.951	0.87	2.767	7.614	6.624	0.87	2.995
26	18	9.024	6.768	0.75	2.646	8.742	6.557	0.75	2.847	8.178	6.134	0.75	3.062
26	20	9.776	6.159	0.63	2.713	9.400	5.922	0.63	2.901	8.836	5.567	0.63	3.116
26	22	10.528	5.369	0.51	2.767	10.152	5.178	0.51	2.981	9.588	4.890	0.51	3.169
27	16	8.366	7.613	0.91	2.579	7.990	7.271	0.91	2.767	7.614	6.929	0.91	2.995
27	18	9.024	7.129	0.79	2.646	8.742	6.906	0.79	2.847	8.178	6.461	0.79	3.062
27	20	9.776	6.550	0.67	2.713	9.400	6.298	0.67	2.901	8.836	5.920	0.67	3.116
27	22	10.528	5.790	0.55	2.767	10.152	5.584	0.55	2.981	9.588	5.273	0.55	3.169
28	16	8.366	7.948	0.95	2.579	7.990	7.591	0.95	2.767	7.614	7.233	0.95	2.995
28	18	9.024	7.490	0.83	2.646	8.742	7.256	0.83	2.847	8.178	6.788	0.83	3.062
28	20	9.776	6.941	0.71	2.713	9.400	6.674	0.71	2.901	8.836	6.274	0.71	3.116
28	22	10.528	6.212	0.59	2.767	10.152	5.990	0.59	2.981	9.588	5.657	0.59	3.169
30	16	8.366	8.366	1.00	2.579	7.990	7.990	1.00	2.767	7.614	7.614	1.00	2.995
30	18	9.024	8.212	0.91	2.646	8.742	7.955	0.91	2.847	8.178	7.442	0.91	3.062
30	20	9.776	7.723	0.79	2.713	9.400	7.426	0.79	2.901	8.836	6.980	0.79	3.116
30	22	10.528	7.054	0.67	2.767	10.152	6.802	0.67	2.981	9.588	6.424	0.67	3.169
32	16	8.366	8.366	1.00	2.579	7.990	7.990	1.00	2.767	7.614	7.614	1.00	2.995
32	18	9.024	8.934	0.99	2.646	8.742	8.655	0.99	2.847	8.178	8.096	0.99	3.062
32	20	9.776	8.505	0.87	2.713	9.400	8.178	0.87	2.901	8.836	7.687	0.87	3.116
32	22	10.528	7.896	0.75	2.767	10.152	7.614	0.75	2.981	9.588	7.191	0.75	3.169
34	16	8.366	8.366	1.00	2.579	7.990	7.990	1.00	2.767	7.614	7.614	1.00	2.995
34	18	9.024	9.024	1.00	2.646	8.742	8.742	1.00	2.847	8.178	8.178	1.00	3.062
34	20	9.776	9.287	0.95	2.713	9.400	8.930	0.95	2.901	8.836	8.394	0.95	3.116
34	22	10.528	8.738	0.83	2.767	10.152	8.426	0.83	2.981	9.588	7.958	0.83	3.169

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

PSA-M125KA / PUZ-M125VKA2 PUZ-M125YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	3.285	8.936	8.400	0.94	3.588	8.722	8.199	0.94	3.891
14	8	9.345	8.130	0.87	3.284	9.095	7.913	0.87	3.592	8.845	7.695	0.87	3.901
14	9	9.732	7.688	0.79	3.278	9.471	7.482	0.79	3.601	9.211	7.277	0.79	3.923
16	8	9.533	8.961	0.94	3.280	9.312	8.753	0.94	3.598	9.091	8.546	0.94	3.916
16	9	9.802	8.332	0.85	3.277	9.541	8.110	0.85	3.602	9.279	7.887	0.85	3.927
16	11	10.253	7.895	0.77	3.269	9.979	7.684	0.77	3.610	9.704	7.472	0.77	3.952
18	10	9.927	9.232	0.93	3.274	9.696	9.017	0.93	3.606	9.465	8.802	0.93	3.938
18	11	10.292	8.645	0.84	3.270	10.016	8.413	0.84	3.612	9.740	8.182	0.84	3.953
18	12	10.807	8.105	0.75	3.259	10.514	7.886	0.75	3.617	10.221	7.666	0.75	3.975
20	16	11.979	7.427	0.62	3.585	11.616	7.202	0.62	3.786	11.253	6.977	0.62	4.010
20	18	12.826	6.413	0.50	3.652	12.463	6.232	0.50	3.854	12.040	6.020	0.50	4.123
20	20	13.794	5.242	0.38	3.764	13.492	5.127	0.38	3.943	13.129	4.989	0.38	4.212
22	16	11.979	8.385	0.70	3.585	11.616	8.131	0.70	3.786	11.253	7.877	0.70	4.010
22	18	12.826	7.439	0.58	3.652	12.463	7.229	0.58	3.854	12.040	6.983	0.58	4.123
22	20	13.794	6.345	0.46	3.764	13.492	6.206	0.46	3.943	13.129	6.039	0.46	4.212
24	16	11.979	9.344	0.78	3.585	11.616	9.060	0.78	3.786	11.253	8.777	0.78	4.010
24	18	12.826	8.465	0.66	3.652	12.463	8.226	0.66	3.854	12.040	7.946	0.66	4.123
24	20	13.794	7.449	0.54	3.764	13.492	7.286	0.54	3.943	13.129	7.090	0.54	4.212
24	22	14.702	6.175	0.42	3.854	14.399	6.048	0.42	4.078	14.036	5.895	0.42	4.347
26	16	11.979	10.302	0.86	3.585	11.616	9.990	0.86	3.786	11.253	9.678	0.86	4.010
26	18	12.826	9.491	0.74	3.652	12.463	9.223	0.74	3.854	12.040	8.910	0.74	4.123
26	20	13.794	8.552	0.62	3.764	13.492	8.365	0.62	3.943	13.129	8.140	0.62	4.212
26	22	14.702	7.351	0.50	3.854	14.399	7.200	0.50	4.078	14.036	7.018	0.50	4.347
27	16	11.979	10.781	0.90	3.585	11.616	10.454	0.90	3.786	11.253	10.128	0.90	4.010
27	18	12.826	10.004	0.78	3.652	12.463	9.721	0.78	3.854	12.040	9.391	0.78	4.123
27	20	13.794	9.104	0.66	3.764	13.492	8.905	0.66	3.943	13.129	8.665	0.66	4.212
27	22	14.702	7.939	0.54	3.854	14.399	7.775	0.54	4.078	14.036	7.579	0.54	4.347
28	16	11.979	11.260	0.94	3.585	11.616	10.919	0.94	3.786	11.253	10.578	0.94	4.010
28	18	12.826	10.517	0.82	3.652	12.463	10.220	0.82	3.854	12.040	9.873	0.82	4.123
28	20	13.794	9.656	0.70	3.764	13.492	9.444	0.70	3.943	13.129	9.190	0.70	4.212
28	22	14.702	8.527	0.58	3.854	14.399	8.351	0.58	4.078	14.036	8.141	0.58	4.347
30	16	11.979	11.979	1.00	3.585	11.616	11.616	1.00	3.786	11.253	11.253	1.00	4.010
30	18	12.826	11.543	0.90	3.652	12.463	11.217	0.90	3.854	12.040	10.836	0.90	4.123
30	20	13.794	10.759	0.78	3.764	13.492	10.524	0.78	3.943	13.129	10.241	0.78	4.212
30	22	14.702	9.703	0.66	3.854	14.399	9.503	0.66	4.078	14.036	9.264	0.66	4.347
32	16	11.979	11.979	1.00	3.585	11.616	11.616	1.00	3.786	11.253	11.253	1.00	4.010
32	18	12.826	12.569	0.98	3.652	12.463	12.214	0.98	3.854	12.040	11.799	0.98	4.123
32	20	13.794	11.863	0.86	3.764	13.492	11.603	0.86	3.943	13.129	11.291	0.86	4.212
32	22	14.702	10.879	0.74	3.854	14.399	10.655	0.74	4.078	14.036	10.387	0.74	4.347
34	16	11.979	11.979	1.00	3.585	11.616	11.616	1.00	3.786	11.253	11.253	1.00	4.010
34	18	12.826	12.826	1.00	3.652	12.463	12.463	1.00	3.854	12.040	12.040	1.00	4.123
34	20	13.794	12.966	0.94	3.764	13.492	12.682	0.94	3.943	13.129	12.341	0.94	4.212
34	22	14.702	12.056	0.82	3.854	14.399	11.807	0.82	4.078	14.036	11.510	0.82	4.347

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	4.237	8.225	7.732	0.94	4.595	8.013	7.532	0.94	4.949
14	8	8.568	7.454	0.87	4.245	8.285	7.208	0.87	4.603	8.060	7.012	0.87	4.957
14	9	8.925	7.051	0.79	4.279	8.619	6.809	0.79	4.646	8.366	6.609	0.79	5.006
16	8	8.845	8.314	0.94	4.273	8.581	8.066	0.94	4.640	8.361	7.859	0.94	5.005
16	9	8.991	7.642	0.85	4.286	8.685	7.382	0.85	4.652	8.441	7.175	0.85	5.017
16	11	9.405	7.242	0.77	4.322	9.085	6.995	0.77	4.700	8.817	6.789	0.77	5.073
18	10	9.213	8.568	0.93	4.305	8.943	8.317	0.93	4.684	8.715	8.105	0.93	5.058
18	11	9.441	7.930	0.84	4.325	9.120	7.661	0.84	4.703	8.852	7.436	0.84	5.079
18	12	9.908	7.431	0.75	4.360	9.574	7.181	0.75	4.752	9.288	6.966	0.75	5.139
20	16	10.769	6.677	0.62	4.302	10.285	6.377	0.62	4.615	9.801	6.077	0.62	4.996
20	18	11.616	5.808	0.50	4.414	11.253	5.627	0.50	4.750	10.527	5.264	0.50	5.108
20	20	12.584	4.782	0.38	4.526	12.100	4.598	0.38	4.839	11.374	4.322	0.38	5.198
22	16	10.769	7.538	0.70	4.302	10.285	7.200	0.70	4.615	9.801	6.861	0.70	4.996
22	18	11.616	6.737	0.58	4.414	11.253	6.527	0.58	4.750	10.527	6.106	0.58	5.108
22	20	12.584	5.789	0.46	4.526	12.100	5.566	0.46	4.839	11.374	5.232	0.46	5.198
24	16	10.769	8.400	0.78	4.302	10.285	8.022	0.78	4.615	9.801	7.645	0.78	4.996
24	18	11.616	7.667	0.66	4.414	11.253	7.427	0.66	4.750	10.527	6.948	0.66	5.108
24	20	12.584	6.795	0.54	4.526	12.100	6.534	0.54	4.839	11.374	6.142	0.54	5.198
24	22	13.552	5.692	0.42	4.615	13.068	5.489	0.42	4.974	12.342	5.184	0.42	5.288
26	16	10.769	9.261	0.86	4.302	10.285	8.845	0.86	4.615	9.801	8.429	0.86	4.996
26	18	11.616	8.596	0.74	4.414	11.253	8.327	0.74	4.750	10.527	7.790	0.74	5.108
26	20	12.584	7.802	0.62	4.526	12.100	7.502	0.62	4.839	11.374	7.052	0.62	5.198
26	22	13.552	6.776	0.50	4.615	13.068	6.534	0.50	4.974	12.342	6.171	0.50	5.288
27	16	10.769	9.692	0.90	4.302	10.285	9.257	0.90	4.615	9.801	8.821	0.90	4.996
27	18	11.616	9.060	0.78	4.414	11.253	8.777	0.78	4.750	10.527	8.211	0.78	5.108
27	20	12.584	8.305	0.66	4.526	12.100	7.986	0.66	4.839	11.374	7.507	0.66	5.198
27	22	13.552	7.318	0.54	4.615	13.068	7.057	0.54	4.974	12.342	6.665	0.54	5.288
28	16	10.769	10.123	0.94	4.302	10.285	9.668	0.94	4.615	9.801	9.213	0.94	4.996
28	18	11.616	9.525	0.82	4.414	11.253	9.227	0.82	4.750	10.527	8.632	0.82	5.108
28	20	12.584	8.809	0.70	4.526	12.100	8.470	0.70	4.839	11.374	7.962	0.70	5.198
28	22	13.552	7.860	0.58	4.615	13.068	7.579	0.58	4.974	12.342	7.158	0.58	5.288
30	16	10.769	10.769	1.00	4.302	10.285	10.285	1.00	4.615	9.801	9.801	1.00	4.996
30	18	11.616	10.454	0.90	4.414	11.253	10.128	0.90	4.750	10.527	9.474	0.90	5.108
30	20	12.584	9.816	0.78	4.526	12.100	9.438	0.78	4.839	11.374	8.872	0.78	5.198
30	22	13.552	8.944	0.66	4.615	13.068	8.625	0.66	4.974	12.342	8.146	0.66	5.288
32	16	10.769	10.769	1.00	4.302	10.285	10.285	1.00	4.615	9.801	9.801	1.00	4.996
32	18	11.616	11.384	0.98	4.414	11.253	11.028	0.98	4.750	10.527	10.316	0.98	5.108
32	20	12.584	10.822	0.86	4.526	12.100	10.406	0.86	4.839	11.374	9.782	0.86	5.198
32	22	13.552	10.028	0.74	4.615	13.068	9.670	0.74	4.974	12.342	9.133	0.74	5.288
34	16	10.769	10.769	1.00	4.302	10.285	10.285	1.00	4.615	9.801	9.801	1.00	4.996
34	18	11.616	11.616	1.00	4.414	11.253	11.253	1.00	4.750	10.527	10.527	1.00	5.108
34	20	12.584	11.829	0.94	4.526	12.100	11.374	0.94	4.839	11.374	10.692	0.94	5.198
34	22	13.552	11.113	0.82	4.615	13.068	10.716	0.82	4.974	12.342	10.120	0.82	5.288

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

PSA-M140KA / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.285	9.565	0.93	3.693	10.044	9.341	0.93	4.034	9.803	9.117	0.93	4.374
14	8	10.503	9.033	0.86	3.691	10.223	8.792	0.86	4.038	9.942	8.550	0.86	4.385
14	9	10.938	8.532	0.78	3.685	10.645	8.303	0.78	4.047	10.353	8.075	0.78	4.410
16	8	10.715	9.965	0.93	3.687	10.467	9.734	0.93	4.044	10.218	9.503	0.93	4.402
16	9	11.017	9.254	0.84	3.684	10.723	9.007	0.84	4.049	10.430	8.761	0.84	4.414
16	11	11.524	8.758	0.76	3.674	11.216	8.524	0.76	4.058	10.907	8.289	0.76	4.442
18	10	11.158	10.265	0.92	3.681	10.898	10.026	0.92	4.054	10.638	9.787	0.92	4.427
18	11	11.568	9.601	0.83	3.676	11.258	9.344	0.83	4.060	10.948	9.087	0.83	4.444
18	12	12.147	8.989	0.74	3.664	11.817	8.745	0.74	4.066	11.488	8.501	0.74	4.468
20	16	13.464	8.213	0.61	4.030	13.056	7.964	0.61	4.256	12.648	7.715	0.61	4.508
20	18	14.416	7.064	0.49	4.105	14.008	6.864	0.49	4.332	13.532	6.631	0.49	4.634
20	20	15.504	5.736	0.37	4.231	15.164	5.611	0.37	4.433	14.756	5.460	0.37	4.735
22	16	13.464	9.290	0.69	4.030	13.056	9.009	0.69	4.256	12.648	8.727	0.69	4.508
22	18	14.416	8.217	0.57	4.105	14.008	7.985	0.57	4.332	13.532	7.713	0.57	4.634
22	20	15.504	6.977	0.45	4.231	15.164	6.824	0.45	4.433	14.756	6.640	0.45	4.735
24	16	13.464	10.367	0.77	4.030	13.056	10.053	0.77	4.256	12.648	9.739	0.77	4.508
24	18	14.416	9.370	0.65	4.105	14.008	9.105	0.65	4.332	13.532	8.796	0.65	4.634
24	20	15.504	8.217	0.53	4.231	15.164	8.037	0.53	4.433	14.756	7.821	0.53	4.735
24	22	16.524	6.775	0.41	4.332	16.184	6.635	0.41	4.584	15.776	6.468	0.41	4.886
26	16	13.464	11.444	0.85	4.030	13.056	11.098	0.85	4.256	12.648	10.751	0.85	4.508
26	18	14.416	10.524	0.73	4.105	14.008	10.226	0.73	4.332	13.532	9.878	0.73	4.634
26	20	15.504	9.457	0.61	4.231	15.164	9.250	0.61	4.433	14.756	9.001	0.61	4.735
26	22	16.524	8.097	0.49	4.332	16.184	7.930	0.49	4.584	15.776	7.730	0.49	4.886
27	16	13.464	11.983	0.89	4.030	13.056	11.620	0.89	4.256	12.648	11.257	0.89	4.508
27	18	14.416	11.100	0.77	4.105	14.008	10.786	0.77	4.332	13.532	10.420	0.77	4.634
27	20	15.504	10.078	0.65	4.231	15.164	9.857	0.65	4.433	14.756	9.591	0.65	4.735
27	22	16.524	8.758	0.53	4.332	16.184	8.578	0.53	4.584	15.776	8.361	0.53	4.886
28	16	13.464	12.522	0.93	4.030	13.056	12.142	0.93	4.256	12.648	11.763	0.93	4.508
28	18	14.416	11.677	0.81	4.105	14.008	11.346	0.81	4.332	13.532	10.961	0.81	4.634
28	20	15.504	10.698	0.69	4.231	15.164	10.463	0.69	4.433	14.756	10.182	0.69	4.735
28	22	16.524	9.419	0.57	4.332	16.184	9.225	0.57	4.584	15.776	8.992	0.57	4.886
30	16	13.464	13.464	1.00	4.030	13.056	13.056	1.00	4.256	12.648	12.648	1.00	4.508
30	18	14.416	12.830	0.89	4.105	14.008	12.467	0.89	4.332	13.532	12.043	0.89	4.634
30	20	15.504	11.938	0.77	4.231	15.164	11.676	0.77	4.433	14.756	11.362	0.77	4.735
30	22	16.524	10.741	0.65	4.332	16.184	10.520	0.65	4.584	15.776	10.254	0.65	4.886
32	16	13.464	13.464	1.00	4.030	13.056	13.056	1.00	4.256	12.648	12.648	1.00	4.508
32	18	14.416	13.984	0.97	4.105	14.008	13.588	0.97	4.332	13.532	13.126	0.97	4.634
32	20	15.504	13.178	0.85	4.231	15.164	12.889	0.85	4.433	14.756	12.543	0.85	4.735
32	22	16.524	12.063	0.73	4.332	16.184	11.814	0.73	4.584	15.776	11.516	0.73	4.886
34	16	13.464	13.464	1.00	4.030	13.056	13.056	1.00	4.256	12.648	12.648	1.00	4.508
34	18	14.416	14.416	1.00	4.105	14.008	14.008	1.00	4.332	13.532	13.532	1.00	4.634
34	20	15.504	14.419	0.93	4.231	15.164	14.103	0.93	4.433	14.756	13.723	0.93	4.735
34	22	16.524	13.384	0.81	4.332	16.184	13.109	0.81	4.584	15.776	12.779	0.81	4.886

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.535	8.868	0.93	4.763	9.245	8.598	0.93	5.165	9.007	8.377	0.93	5.563
14	8	9.630	8.282	0.86	4.772	9.312	8.008	0.86	5.174	9.059	7.791	0.86	5.572
14	9	10.031	7.824	0.78	4.810	9.687	7.556	0.78	5.222	9.403	7.334	0.78	5.627
16	8	9.942	9.246	0.93	4.803	9.645	8.970	0.93	5.216	9.398	8.740	0.93	5.626
16	9	10.106	8.489	0.84	4.818	9.762	8.200	0.84	5.230	9.488	7.970	0.84	5.640
16	11	10.571	8.034	0.76	4.858	10.211	7.760	0.76	5.284	9.910	7.532	0.76	5.703
18	10	10.355	9.527	0.92	4.840	10.052	9.248	0.92	5.265	9.796	9.012	0.92	5.686
18	11	10.612	8.808	0.83	4.861	10.251	8.508	0.83	5.287	9.950	8.259	0.83	5.709
18	12	11.136	8.241	0.74	4.901	10.760	7.962	0.74	5.342	10.440	7.726	0.74	5.777
20	16	12.104	7.383	0.61	4.836	11.560	7.052	0.61	5.188	11.016	6.720	0.61	5.616
20	18	13.056	6.397	0.49	4.961	12.648	6.198	0.49	5.339	11.832	5.798	0.49	5.742
20	20	14.144	5.233	0.37	5.087	13.600	5.032	0.37	5.440	12.784	4.730	0.37	5.843
22	16	12.104	8.352	0.69	4.836	11.560	7.976	0.69	5.188	11.016	7.601	0.69	5.616
22	18	13.056	7.442	0.57	4.961	12.648	7.209	0.57	5.339	11.832	6.744	0.57	5.742
22	20	14.144	6.365	0.45	5.087	13.600	6.120	0.45	5.440	12.784	5.753	0.45	5.843
24	16	12.104	9.320	0.77	4.836	11.560	8.901	0.77	5.188	11.016	8.482	0.77	5.616
24	18	13.056	8.486	0.65	4.961	12.648	8.221	0.65	5.339	11.832	7.691	0.65	5.742
24	20	14.144	7.496	0.53	5.087	13.600	7.208	0.53	5.440	12.784	6.776	0.53	5.843
24	22	15.232	6.245	0.41	5.188	14.688	6.022	0.41	5.591	13.872	5.688	0.41	5.944
26	16	12.104	10.288	0.85	4.836	11.560	9.826	0.85	5.188	11.016	9.364	0.85	5.616
26	18	13.056	9.531	0.73	4.961	12.648	9.233	0.73	5.339	11.832	8.637	0.73	5.742
26	20	14.144	8.628	0.61	5.087	13.600	8.296	0.61	5.440	12.784	7.798	0.61	5.843
26	22	15.232	7.464	0.49	5.188	14.688	7.197	0.49	5.591	13.872	6.797	0.49	5.944
27	16	12.104	10.773	0.89	4.836	11.560	10.288	0.89	5.188	11.016	9.804	0.89	5.616
27	18	13.056	10.053	0.77	4.961	12.648	9.739	0.77	5.339	11.832	9.111	0.77	5.742
27	20	14.144	9.194	0.65	5.087	13.600	8.840	0.65	5.440	12.784	8.310	0.65	5.843
27	22	15.232	8.073	0.53	5.188	14.688	7.785	0.53	5.591	13.872	7.352	0.53	5.944
28	16	12.104	11.257	0.93	4.836	11.560	10.751	0.93	5.188	11.016	10.245	0.93	5.616
28	18	13.056	10.575	0.81	4.961	12.648	10.245	0.81	5.339	11.832	9.584	0.81	5.742
28	20	14.144	9.759	0.69	5.087	13.600	9.384	0.69	5.440	12.784	8.821	0.69	5.843
28	22	15.232	8.682	0.57	5.188	14.688	8.372	0.57	5.591	13.872	7.907	0.57	5.944
30	16	12.104	12.104	1.00	4.836	11.560	11.560	1.00	5.188	11.016	11.016	1.00	5.616
30	18	13.056	11.620	0.89	4.961	12.648	11.257	0.89	5.339	11.832	10.530	0.89	5.742
30	20	14.144	10.891	0.77	5.087	13.600	10.472	0.77	5.440	12.784	9.844	0.77	5.843
30	22	15.232	9.901	0.65	5.188	14.688	9.547	0.65	5.591	13.872	9.017	0.65	5.944
32	16	12.104	12.104	1.00	4.836	11.560	11.560	1.00	5.188	11.016	11.016	1.00	5.616
32	18	13.056	12.664	0.97	4.961	12.648	12.269	0.97	5.339	11.832	11.477	0.97	5.742
32	20	14.144	12.022	0.85	5.087	13.600	11.560	0.85	5.440	12.784	10.866	0.85	5.843
32	22	15.232	11.119	0.73	5.188	14.688	10.722	0.73	5.591	13.872	10.127	0.73	5.944
34	16	12.104	12.104	1.00	4.836	11.560	11.560	1.00	5.188	11.016	11.016	1.00	5.616
34	18	13.056	13.056	1.00	4.961	12.648	12.648	1.00	5.339	11.832	11.832	1.00	5.742
34	20	14.144	13.154	0.93	5.087	13.600	12.648	0.93	5.440	12.784	11.889	0.93	5.843
34	22	15.232	12.338	0.81	5.188	14.688	11.897	0.81	5.591	13.872	11.236	0.81	5.944

When the indoor dry bulb temperature is lower than 20 ℃ , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature.Correct values shown in the table above with correction factors indicated below.

Indoor intake air D. B.	14℃	16℃	18℃
Capacity ratio	42%	48%	52%
Input ratio	56%	70%	71%

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

HEATING CAPACITY
PSA-M·KA / PUZ-ZM·VHA2 PUZ-ZM·VKA2 PUZ-ZM·YKA2

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.826	1.379	5.244	1.520	5.852	1.754	7.676	2.104	8.664	2.338	9.652	2.525
	20	4.636	1.496	5.016	1.637	5.548	1.894	7.410	2.268	8.360	2.525	9.310	2.712
	25	4.484	1.590	4.864	1.777	5.320	2.057	6.992	2.408	8.056	2.700	8.968	2.911
PSA-M100KA	15	7.112	1.871	7.728	2.062	8.624	2.379	11.312	2.855	12.768	3.172	14.224	3.426
	20	6.832	2.030	7.392	2.220	8.176	2.569	10.920	3.077	12.320	3.426	13.720	3.680
	25	6.608	2.157	7.168	2.411	7.840	2.791	10.304	3.267	11.872	3.664	13.216	3.949
PSA-M125KA	15	8.890	2.656	9.660	2.926	10.780	3.376	14.140	4.051	15.960	4.501	17.780	4.861
	20	8.540	2.881	9.240	3.151	10.220	3.646	13.650	4.366	15.400	4.861	17.150	5.221
	25	8.260	3.061	8.960	3.421	9.800	3.961	12.880	4.636	14.840	5.199	16.520	5.604
PSA-M140KA	15	10.160	2.950	11.040	3.250	12.320	3.750	16.160	4.500	18.240	5.000	20.320	5.400
	20	9.760	3.200	10.560	3.500	11.680	4.050	15.600	4.850	17.600	5.400	19.600	5.800
	25	9.440	3.400	10.240	3.800	11.200	4.400	14.720	5.150	16.960	5.775	18.880	6.225

PSA-M·KA / SUZ-M·VA

	Indoor intake air DB℃	Outdoor intake air WB℃															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.000	1.296	5.040	1.620	6.080	1.944	7.120	2.193	8.160	2.367	9.200	2.517	10.160	2.592	11.200	2.642
	21	3.760	1.381	4.800	1.744	5.760	2.068	6.800	2.293	7.760	2.467	8.800	2.592	9.760	2.666	10.760	2.766
	26	3.280	1.495	4.320	1.869	5.360	2.193	6.320	2.417	7.360	2.592	8.400	2.716	9.360	2.791	10.400	2.866

PSA-M·KA / PUZ-M·VKA2 PUZ-M·YKA2

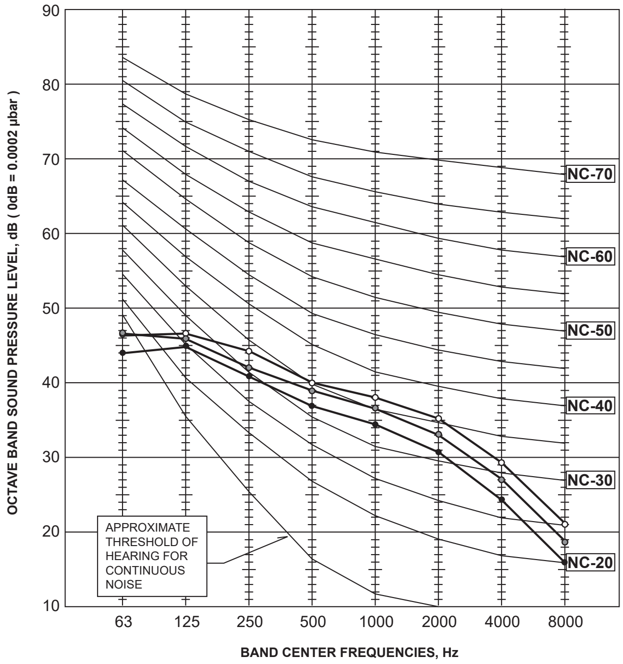
	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M100KA	15	7.112	1.871	7.728	2.062	8.624	2.379	11.312	2.855	12.768	3.172	14.224	3.426
	20	6.832	2.030	7.392	2.220	8.176	2.569	10.920	3.077	12.320	3.426	13.720	3.680
	25	6.608	2.157	7.168	2.411	7.840	2.791	10.304	3.267	11.872	3.664	13.216	3.949
PSA-M125KA	15	8.890	2.656	9.660	2.926	10.780	3.376	14.140	4.051	15.960	4.501	17.780	4.861
	20	8.540	2.881	9.240	3.151	10.220	3.646	13.650	4.366	15.400	4.861	17.150	5.221
	25	8.260	3.061	8.960	3.421	9.800	3.961	12.880	4.636	14.840	5.199	16.520	5.604
PSA-M140KA	15	10.160	2.950	11.040	3.250	12.320	3.750	16.160	4.500	18.240	5.000	20.320	5.400
	20	9.760	3.200	10.560	3.500	11.680	4.050	15.600	4.850	17.600	5.400	19.600	5.800
	25	9.440	3.400	10.240	3.800	11.200	4.400	14.720	5.150	16.960	5.775	18.880	6.225

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

A.5.6 NOISE CRITERIA CURVES

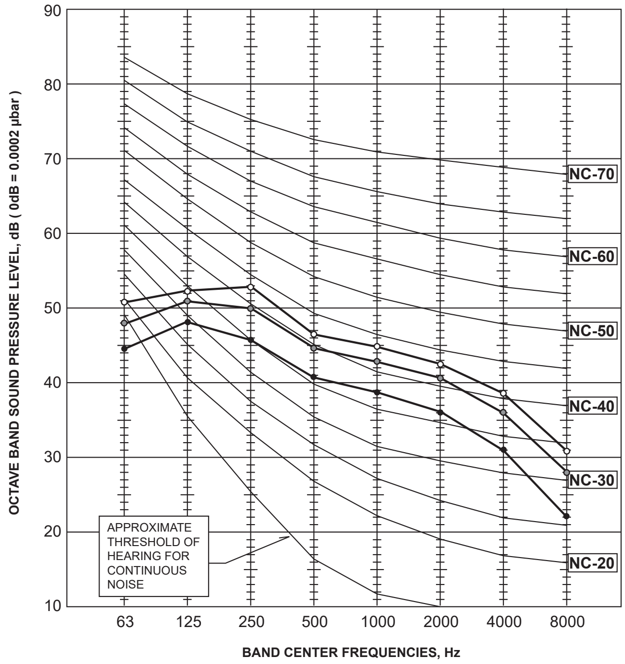
PSA-M71KA

NOTCH	SPL(dB)	LINE
High	44	○—○
Middle	42	◎—◎
Low	40	●—●



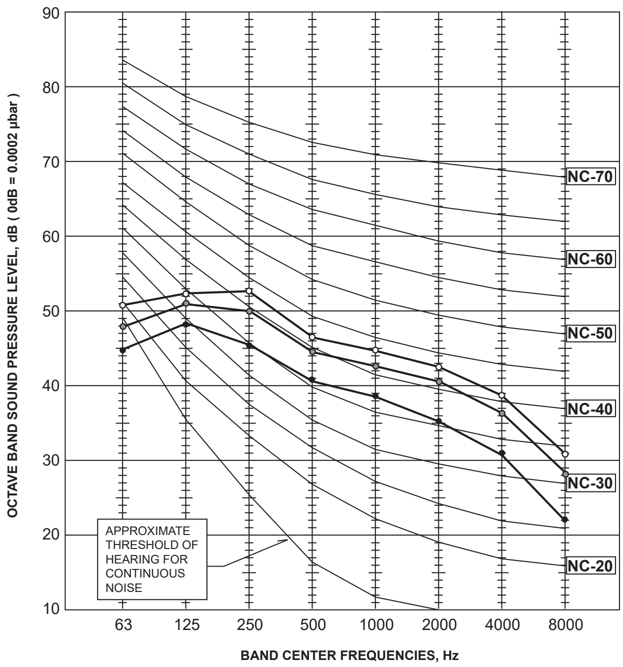
PSA-M100KA
PSA-M125KA

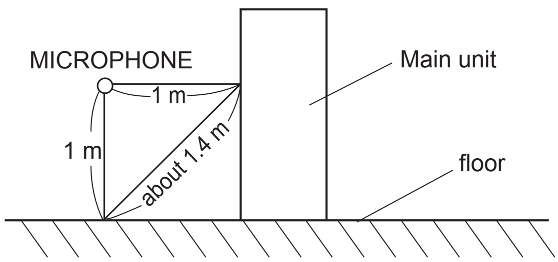
NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	◎—◎
Low	45	●—●



PSA-M140KA

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	◎—◎
Low	45	●—●



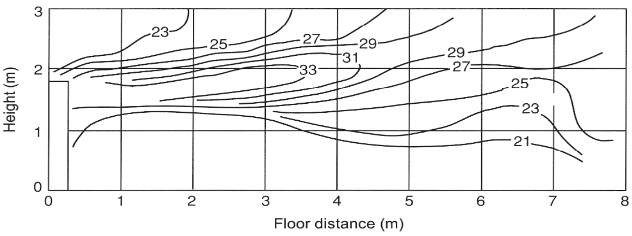


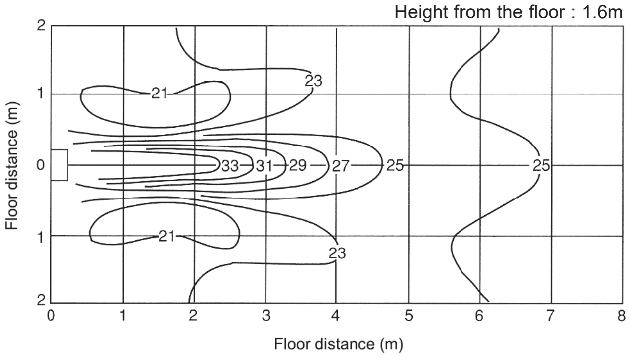
FLOOR-STANDING

NOISE CRITERIA CURVES

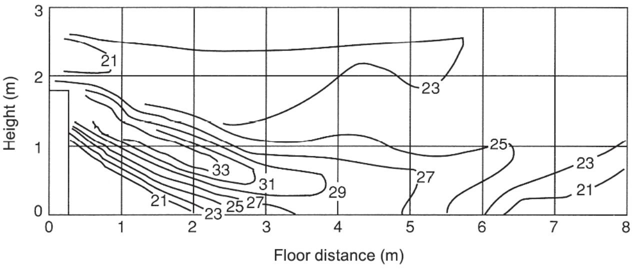
A.5.7 TEMPERATURE AND FLOW DISTRIBUTIONS

Temperature distribution
<Heating mode>
Notch : High Flow angle : 0°





Temperature distribution
<Heating mode>
Notch : High Flow angle : 70°

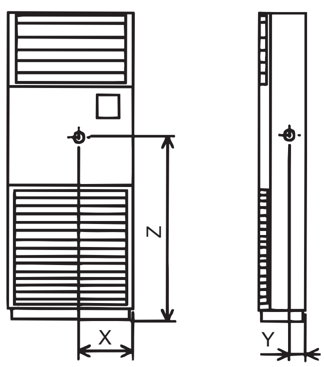


A.5.8 OUTLET AIR SPEED AND COVERAGE RANGE

		PSA-M71KA	PSA-M100KA	PSA-M125KA	PSA-M140KA
Air flow	m³/min	24	30	31	31
Air speed	m/sec	3.1	3.7	3.8	3.8
Coverage range	m	10.5	13.1	13.6	13.6

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

A.5.9 CENTER OF GRAVITY POSITION



[Unit: mm]

	X	Y	Z
PSA-M71KA	295	145	960
PSA-M100KA	295	145	960
PSA-M125KA	295	145	960
PSA-M140KA	295	155	1060

A.6 CEILING-CONCEALED (PEAD/PEA)

A.6.1 SPECIFICATIONS

1. Power Inverter SERIES

Model Name	Indoor Unit				PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2
	Outdoor Unit				PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	220-240	220-240	220-240	220-240
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Min.		kW	1.6	2.3	2.7	3.3
		Max.		kW	4.5	5.6	6.7	8.1
	SHF	Rated			0.85	0.84	0.83	0.80
	Total Input	Rated		kW	0.837	1.190	1.487	1.775
	EER				4.30	4.20	4.10	4.00
	Annual Electricity Consumption			kWh/a	199	273	342	393
	SEER				6.3	6.4	6.2	6.3
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Min.		kW	1.6	2.5	2.8	3.5
		Max.		kW	5.2	7.3	8.2	10.2
	Total Input	Rated		kW	0.911	1.363	1.590	1.904
	COP				4.50	4.40	4.40	4.20
	Annual Electricity Consumption			kWh/a	816	1202	1459	1585
	SCOP				4.1	4.4	4.2	4.3
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	14.2	14.4	20.9	20.9
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
	Operating Current (max)			A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m³/min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max.Length	Out-In		m	50	50	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-11	-11	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

Model Name	Indoor Unit				PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2
	Outdoor Unit				PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	220-240	220-240	220-240	220-240
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
Cooling	Capacity	Rated		kW	9.5	9.5	12.5	12.5
		Min.		kW	4.9	4.9	5.5	5.5
		Max.		kW	11.4	11.4	14.0	14.0
	SHF	Rated			0.82	0.82	0.78	0.78
	Total Input	Rated		kW	2.261	2.261	3.333	3.333
	EER				4.20	4.20	3.75	3.75
	Annual Electricity Consumption			kWh/a	499	510	—	—
	SEER				6.6	6.5	—	—
		Energy efficiency class			A++	A++	—	—
Heating	Capacity	Rated		kW	11.2	11.2	14.0	14.0
		Min.		kW	4.5	4.5	5.0	5.0
		Max.		kW	14.0	14.0	16.0	16.0
	Total Input	Rated		kW	2.545	2.545	3.763	3.763
	COP				4.40	4.40	3.72	3.72
	Annual Electricity Consumption			kWh/a	2469	2470	—	—
	SCOP				4.4	4.4	—	—
		Energy efficiency class			A+	A+	—	—
Operating Current(max)				A	22.3	10.3	28.8	11.3
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
	Operating Current (max)			A	2.25	2.25	2.34	2.34
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m³/min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			62	62	66	66
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	100	100	100	100
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-20	-20	-20	-20
			Upper Limit.	℃	+21	+21	+21	+21

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

Model Name	Indoor Unit				PEAD-M140JA(L)2	PEAD-M140JA(L)2
	Outdoor Unit				PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	220-240	220-240
				Phase	Single	Single
				Hz	50	50
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	6.2	6.2
		Max.		kW	15.3	15.3
	SHF	Rated			0.77	0.77
	Total Input	Rated		kW	3.701	3.701
	EER				3.62	3.62
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	16.0	16.0
		Min.		kW	5.7	5.7
		Max.		kW	18.0	18.0
	Total Input	Rated		kW	4.102	4.102
	COP				3.90	3.90
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	32.6	14.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21
	Operating Current (max)			A	2.63	2.63
	Dimensions	H × W × D		mm	250-1600-732	250-1600-732
	Weight			kg	42(41)	42(41)
	Air Volume	Lo-Mid-Hi		m³/min.	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			66	66
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	118
	Air Volume	Cooling	Rated	m³/min.	120	120
		Heating	Rated	m³/min.	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70
	Operating Current(max)			A	30	11.8
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	100	100
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-20	-20
			Upper Limit.	℃	+21	+21

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

					PEA-M200LA2	PEA-M250LA2
Model Name	Indoor Unit				PEA-M200LA2	PEA-M250LA2
	Outdoor Unit				PUZ-ZM200YKA2	PUZ-ZM250YKA2
Refrigerant					R32	
Power Supply				Source	Separate power supply	
	Out			V	400	400
				Phase	Three	Three
				Hz	50	50
	In			V	220-240	220-240
				Phase	Single	Single
				Hz	50-60	50-60
Cooling	Capacity	Rated		kW	19.0	22.0
		Min.		kW	9.2	9.9
		Max.		kW	22.4	27.0
	SHF	Rated			0.80	0.79
	Total Input	Rated		kW	5.757	7.213
	EER				3.30	3.05
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	22.4	27.0
		Min.		kW	7.1	7.3
		Max.		kW	25.0	31.0
	Total Input	Rated		kW	6.400	7.941
	COP				3.50	3.40
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	27.3	27.3
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.32 / 0.32	0.48 / 0.48
	Operating Current (max)			A	4.8	4.8
	Dimensions	H × W × D		mm	470-1370-1120	470-1370-1120
	Weight			kg	88	88
	Air Volume (Lo-Mid-Hi)	Normal airflow mode		m³/min.	42.0-51.0-60.0	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)
		High airflow mode		m³/min.	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)	58.0-72.0-84.0(75Pa-150Pa) 50.0-61.0-72.0(200Pa) 42.0-51.0-60.0(250Pa)
	External Static Pressure			Pa	75-100-150-200-250	
	Sound Level (SPL) Lo-Mid-Hi		75Pa	dB(A)	34.5-39-43	37.5-42-46
			100Pa		36-40.5-44	38.5-43-47
			150Pa		38-43-46.5	40-45-49
			200Pa		40-44.5-48.5	41.5-46.5-50.5
			250Pa		41.5-46.5-50.5	41.5-46.5-50.5
	Sound Level (PWL)	Cooling			69-70-70	71-71-72
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	137	138
	Air Volume	Cooling	Rated	m³/min.	140	140
		Heating	Rated	m³/min.	140	140
	Sound Level (SPL)	Cooling	Rated	dB(A)	59	59
			Silent	dB(A)	—	—
		Heating	Rated	dB(A)	62	62
	Sound Level (PWL)	Cooling		dB(A)	77	77
	Operating Current(max)			A	22.5	22.5
	Breaker Size			A	32	32
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	12.7
		Gas		mm	25.4	25.4
	Max.Length	Out-In		m	100	100
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-20	-20
			Upper Limit.	℃	+21	+21

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

2. Standard Inverter SERIES

Model Name	Indoor Unit				PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2
	Outdoor Unit				SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	220-240	220-240	220-240	220-240
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Min.		kW	0.8	1.7	1.6	2.2
		Max.		kW	3.9	5.6	6.3	8.1
	SHF	Rated			0.85	0.84	0.83	0.80
	Total Input	Rated		kW	0.923	1.351	1.694	2.028
	EER				3.90	3.70	3.60	3.50
	Annual Electricity Consumption			kWh/a	199	277	345	397
	SEER				6.3	6.3	6.1	6.2
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Min.		kW	1.1	1.5	1.6	2.0
		Max.		kW	5.0	7.2	8.0	10.2
	Total Input	Rated		kW	1.025	1.463	1.842	2.105
	COP				4.00	4.10	3.80	3.80
	Annual Electricity Consumption			kWh/a	884	1417	1558	1973
	SCOP				4.1	4.2	4.1	4.1
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	9.7	14.9	16.7	16.7
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
	Operating Current (max)			A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m³/min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m³/min.	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	16	20	20	20
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	6.35	9.52
		Gas		mm	9.52	12.7	15.88	15.88
	Max.Length	Out-In		m	20	30	30	30
	Max. Height	Out-In		m	12	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-10	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-10	-10	-10	-10
			Upper Limit.	℃	+24	+24	+24	+24

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

					PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2
Model Name	Indoor Unit				PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2
	Outdoor Unit				PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	220-240	220-240	220-240	220-240
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
Cooling	Capacity	Rated		kW	9.5	9.5	12.1	12.1
		Min.		kW	4.0	4.0	6.0	6.0
		Max.		kW	10.6	10.6	13.0	13.0
	SHF	Rated			0.82	0.82	0.78	0.78
	Total Input	Rated		kW	2.878	2.878	4.019	4.019
	EER				3.30	3.30	3.01	3.01
	Annual Electricity Consumption			kWh/a	538	538	—	—
	SEER				6.1	6.1	—	—
		Energy efficiency class			A++	A++	—	—
Heating	Capacity	Rated		kW	11.2	11.2	13.5	13.5
		Min.		kW	2.8	2.8	4.1	4.1
		Max.		kW	12.5	12.5	15.0	15.0
	Total Input	Rated		kW	2.947	2.947	3.739	3.739
	COP				3.80	3.80	3.61	3.61
	Annual Electricity Consumption			kWh/a	2725	2725	—	—
	SCOP				4.1	4.1	—	—
		Energy efficiency class			A+	A+	—	—
Operating Current(max)				A	22.3	13.8	27.8	12.8
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
	Operating Current (max)			A	2.25	2.25	2.34	2.34
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m³/min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			62	62	66	66
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	55	55	65	65
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+21	+21	+21	+21

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

Model Name	Indoor Unit				PEAD-M140JA(L)2	PEAD-M140JA(L)2
	Outdoor Unit				PUZ-M140VKA2	PUZ-M140YKA2
Refrigerant					R32	
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	Three
				Hz	50	50
	In			V	220-240	220-240
				Phase	Single	Single
				Hz	50	50
Cooling	Capacity	Rated		kW	13.4	13.4
		Min.		kW	6.1	6.1
		Max.		kW	14.1	14.1
	SHF	Rated			0.77	0.77
	Total Input	Rated		kW	4.768	4.768
	EER				2.81	2.81
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	15.0	15.0
		Min.		kW	4.2	4.2
		Max.		kW	15.8	15.8
	Total Input	Rated		kW	4.155	4.155
	COP				3.61	3.61
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	31.4	12.9
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21
	Operating Current (max)			A	2.63	2.63
	Dimensions	H × W × D		mm	250-1600-732	250-1600-732
	Weight			kg	42(41)	42(41)
	Air Volume	Lo-Mid-Hi		m³/min.	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			66	66
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85
	Air Volume	Cooling	Rated	m³/min.	86	86
		Heating	Rated	m³/min.	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55
			Silent	dB(A)	47	47
		Heating	Rated	dB(A)	57	57
	Sound Level (PWL)	Cooling		dB(A)	73	73
	Operating Current(max)			A	30	11.5
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max.Length	Out-In		m	65	65
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+21	+21

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

Model Name	Indoor Unit				PEA-M200LA2	PEA-M250LA2
	Outdoor Unit				PUZ-M200YKA2	PUZ-M250YKA2
Refrigerant					R32	
Power Supply				Source	Separate power supply	
	Out			V	400	400
				Phase	Three	Three
				Hz	50	50
	In			V	—	—
				Phase	—	—
				Hz	—	—
Cooling	Capacity	Rated		kW	19.0	22.0
		Min.		kW	9.2	9.9
		Max.		kW	22.4	27.0
	SHF	Rated			0.80	0.79
	Total Input	Rated		kW	6.089	7.333
	EER				3.12	3.00
	Annual Electricity Consumption			kWh/a	—	—
	SEER				—	—
		Energy efficiency class			—	—
Heating	Capacity	Rated		kW	22.4	27.0
		Min.		kW	6.8	7.3
		Max.		kW	25.0	31.0
	Total Input	Rated		kW	6.588	8.181
	COP				3.40	3.30
	Annual Electricity Consumption			kWh/a	—	—
	SCOP				—	—
		Energy efficiency class			—	—
Operating Current(max)				A	27.3	27.3
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.32 / 0.32	0.48 / 0.48
	Operating Current (max)			A	4.8	4.8
	Dimensions	H × W × D		mm	470-1370-1120	470-1370-1120
	Weight			kg	88	88
	Air Volume (Lo-Mid-Hi)	Normal airflow mode		m³/min.	42.0-51.0-60.0	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)
		High airflow mode		m³/min.	50.0-61.0-72.0(75Pa-200Pa) 42.0-51.0-60.0(250Pa)	58.0-72.0-84.0(75Pa-150Pa) 50.0-61.0-72.0(200Pa) 42.0-51.0-60.0(250Pa)
	External Static Pressure			Pa	75-100-150-200-250	
	Sound Level (SPL) Lo-Mid-Hi		75Pa	dB(A)	34.5-39-43	37.5-42-46
			100Pa		36-40.5-44	38.5-43-47
			150Pa		38-43-46.5	40-45-49
			200Pa		40-44.5-48.5	41.5-46.5-50.5
			250Pa		41.5-46.5-50.5	41.5-46.5-50.5
	Sound Level (PWL)	Cooling			69-70-70	71-71-72
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	129	138
	Air Volume	Cooling	Rated	m³/min.	140	140
		Heating	Rated	m³/min.	140	140
	Sound Level (SPL)	Cooling	Rated	dB(A)	58	59
			Silent	dB(A)	—	—
		Heating	Rated	dB(A)	60	62
	Sound Level (PWL)	Cooling		dB(A)	78	77
	Operating Current(max)			A	22.5	22.5
	Breaker Size			A	32	32
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	12.7
		Gas		mm	25.4	25.4
	Max.Length	Out-In		m	70	70
	Max. Height	Out-In		m	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15
			Upper Limit.	℃	+46	+46
		Heating	Lower Limit.	℃	-20	-20
			Upper Limit.	℃	+21	+21

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

CEILING-CONCEALED
SPECIFICATIONS

3. Economy Inverter SERIES

Model Name	Indoor Unit				PEAD-SM35JA(L)	PEAD-SM50JA(L)	PEAD-SM60JA(L)
	Outdoor Unit				SUZ-SM35VA	SUZ-SM50VA	SUZ-SM60VA
Refrigerant					R32		
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	230
				Phase	Single	Single	Single
				Hz	50	50	50
	In			V	220-240	220-240	220-240
				Phase	Single	Single	Single
				Hz	50	50	50
Cooling	Capacity	Rated		kW	3.6	5.0	6.1
		Min.		kW	0.8	1.7	1.6
		Max.		kW	3.9	5.6	6.3
	SHF	Rated			0.85	0.84	0.83
	Total Input	Rated		kW	1.114	1.547	1.888
	EER				3.23	3.23	3.23
	Annual Electricity Consumption			kWh/a	209	291	366
	SEER				6.0	6.0	5.8
		Energy efficiency class			A+	A+	A+
Heating	Capacity	Rated		kW	4.1	6.0	7.0
		Min.		kW	1.1	1.5	1.6
		Max.		kW	5.0	7.2	8.0
	Total Input	Rated		kW	1.105	1.617	1.886
	COP				3.71	3.71	3.71
	Annual Electricity Consumption			kWh/a	905	1468	1560
	SCOP				4.0	4.1	4.1
		Energy efficiency class			A+	A+	A+
Operating Current(max)				A	9.7	14.9	16.7
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08
	Operating Current (max)			A	1.16	1.35	1.85
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0
	External Static Pressure			Pa	35-50-70-100-150		40-50-70-100-150
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	24-29-32	27-33-35	26-32-35
	Sound Level (PWL)	Cooling			54	58	56
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330
	Weight			kg	35	41	54
	Air Volume	Cooling	Rated	m³/min.	34.3	45.8	50.1
		Heating	Rated	m³/min.	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	48	49	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65
	Operating Current(max)			A	8.5	13.5	14.8
	Breaker Size			A	16	20	20
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	6.35
		Gas		mm	9.52	12.7	15.88
	Max.Length	Out-In		m	20	30	30
	Max. Height	Out-In		m	12	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-10	-15	-15
			Upper Limit.	℃	+46	+46	+46
		Heating	Lower Limit.	℃	-10	-10	-10
			Upper Limit.	℃	+24	+24	+24

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

Model Name	Indoor Unit				PEAD-SM71JA(L)2	PEAD-SM100JA(L)2	PEAD-SM100JA(L)2
	Outdoor Unit				SUZ-SM71VA	PUZ-SM100VKA2	PUZ-SM100YKA2
Refrigerant					R32		
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	400
				Phase	Single	Single	Three
				Hz	50	50	50
	In			V	220-240	220-240	220-240
				Phase	Single	Single	Single
				Hz	50	50	50
Cooling	Capacity	Rated		kW	7.1	9.5	9.5
		Min.		kW	2.2	4.0	4.0
		Max.		kW	8.1	10.6	10.6
	SHF	Rated			0.80	0.82	0.82
	Total Input	Rated		kW	2.198	2.941	2.941
	EER				3.23	3.23	3.23
	Annual Electricity Consumption			kWh/a	449	600	600
	SEER				5.5	5.5	5.5
		Energy efficiency class			A	A	A
Heating	Capacity	Rated		kW	8.0	11.2	11.2
		Min.		kW	2.0	2.8	2.8
		Max.		kW	10.2	12.5	12.5
	Total Input	Rated		kW	2.156	3.018	3.018
	COP				3.71	3.71	3.71
	Annual Electricity Consumption			kWh/a	2073	2831	2831
	SCOP				3.9	3.9	3.9
		Energy efficiency class			A	A	A
Operating Current(max)				A	16.7	22.3	13.8
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.14 / 0.14	0.14 / 0.14
	Operating Current (max)			A	1.97	2.65	2.65
	Dimensions	H × W × D		mm	250-1100-732	250-1400-732	250-1400-732
	Weight			kg	29.5(29)	37(36)	37(36)
	Air Volume	Lo-Mid-Hi		m³/min.	14.5-18.0-23.0	23.0-28.0-32.0	23.0-28.0-32.0
	External Static Pressure			Pa	40-50-70-100-150	40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	26-32-37	31-36-39	31-36-39
	Sound Level (PWL)	Cooling			59	62	62
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m³/min.	50.1	79	79
		Heating	Rated	m³/min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	49	49
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max.Length	Out-In		m	30	30	30
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46
		Heating	Lower Limit.	℃	-10	-15	-15
			Upper Limit.	℃	+24	+21	+21

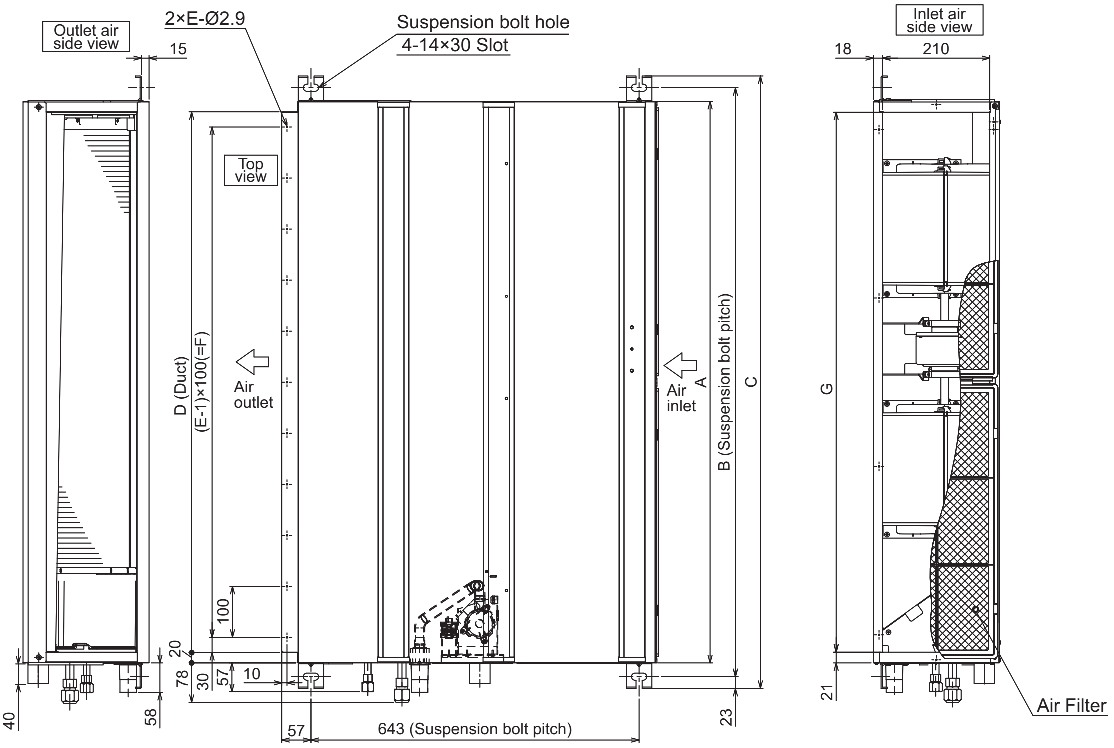
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

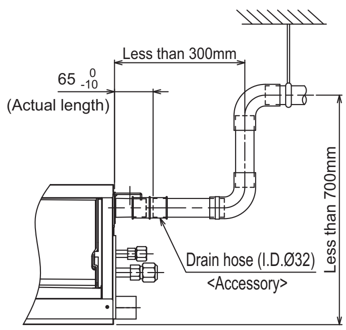
					PEAD-SM125JA(L)2	PEAD-SM125JA(L)2	PEAD-SM140JA(L)2	PEAD-SM140JA(L)2
Model Name	Indoor Unit				PEAD-SM125JA(L)2	PEAD-SM125JA(L)2	PEAD-SM140JA(L)2	PEAD-SM140JA(L)2
	Outdoor Unit				PUZ-SM125VKA2	PUZ-SM125YKA2	PUZ-SM140VKA2	PUZ-SM140YKA2
Refrigerant					R32			
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	Three	Single	Three
				Hz	50	50	50	50
	In			V	220-240	220-240	220-240	220-240
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
Cooling	Capacity	Rated		kW	12.1	12.1	13.4	13.4
		Min.		kW	6.0	6.0	6.1	6.1
		Max.		kW	13.0	13.0	14.1	14.1
	SHF	Rated			0.78	0.78	0.77	0.77
	Total Input	Rated		kW	4.172	4.172	4.962	4.962
	EER				2.90	2.90	2.70	2.70
	Annual Electricity Consumption			kWh/a	—	—	—	—
	SEER				—	—	—	—
		Energy efficiency class			—	—	—	—
Heating	Capacity	Rated		kW	13.5	13.5	15.0	15.0
		Min.		kW	4.1	4.1	4.2	4.2
		Max.		kW	15.0	15.0	15.8	15.8
	Total Input	Rated		kW	3.857	3.857	4.285	4.285
	COP				3.50	3.50	3.50	3.50
	Annual Electricity Consumption			kWh/a	—	—	—	—
	SCOP				—	—	—	—
		Energy efficiency class			—	—	—	—
Operating Current(max)				A	28.8	13.8	32.6	14.1
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.20 / 0.20	0.20 / 0.20	0.21 / 0.21	0.21 / 0.21
	Operating Current (max)			A	2.76	2.76	2.78	2.78
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1600-732	250-1600-732
	Weight			kg	38(37)	38(37)	42(41)	42(41)
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	28.0-34.0-37.0	28.0-34.0-37.0	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	40-50-70-100-150		40-50-70-100-150	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-40	34-38-40	34-38-40	34-38-40
	Sound Level (PWL)	Cooling			66	66	67	67
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	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)	52	52	54	54
		Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling		dB(A)	72	72	73	73
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	40	40	40	40
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-15	-15	-15	-15
			Upper Limit.	℃	+21	+21	+21	+21

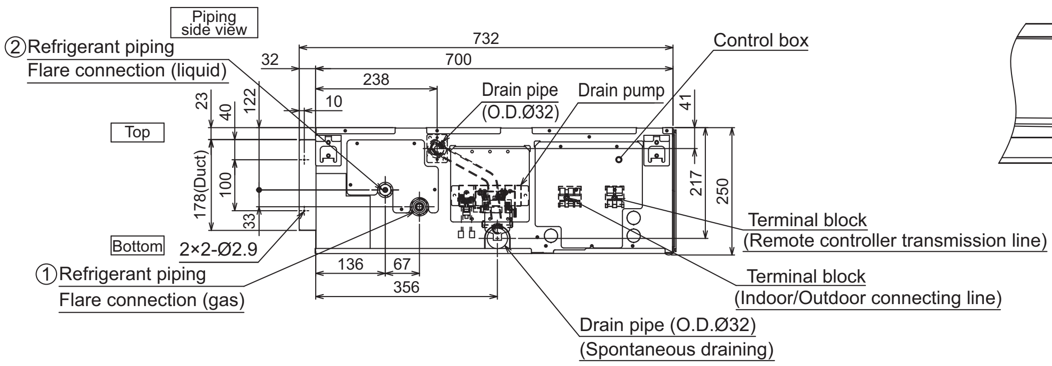
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.6.2 OUTLINES AND DIMENSIONS

PEAD-M35JA2
PEAD-M50JA2
PEAD-M60JA2
PEAD-M71JA2
PEAD-M100JA2
PEAD-M125JA2
PEAD-M140JA2







Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-M35, 50JA2	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-M60, 71JA2	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52
PEAD-M100, 125JA2	1400	1454	1500	1360	14	1300	1358		
PEAD-M140JA2	1600	1654	1700	1560	16	1500	1558		

Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-M60, 71JA2 models, which have 2 fans.
PEAD-M35, 50JA2 models have 2 fans.
PEAD-M100, 125, 140JA2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

Unit : mm

[Maintenance access space]

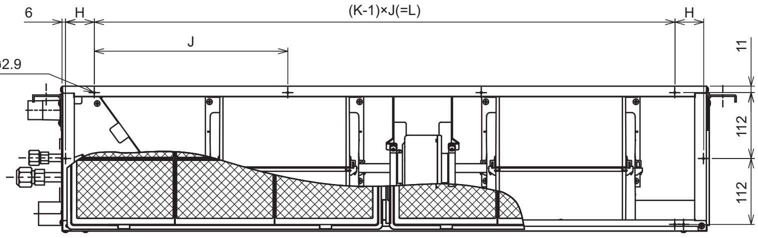
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- · Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
  (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
- · Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
  or
- · Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm



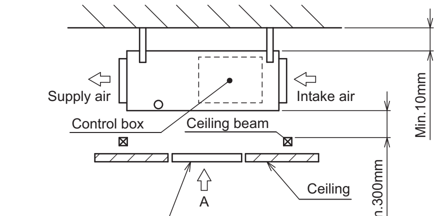


Fig.1

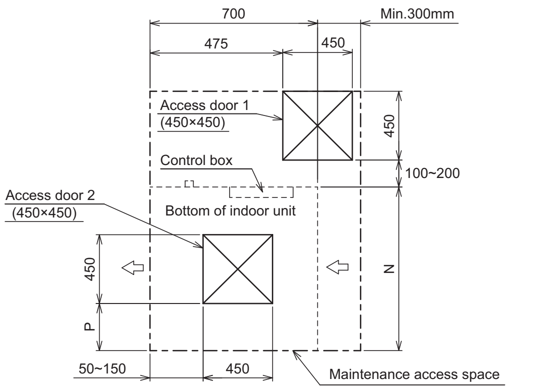


Fig.2 (Viewed from the direction of the arrow A)

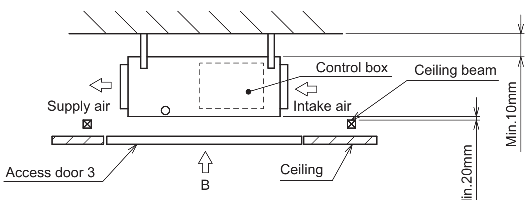


Fig.3

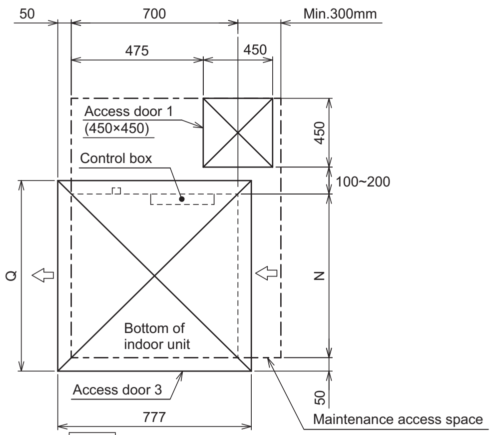


Fig.4 (Viewed from the direction of the arrow B)

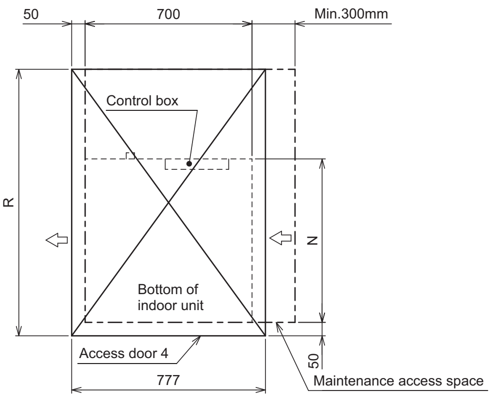
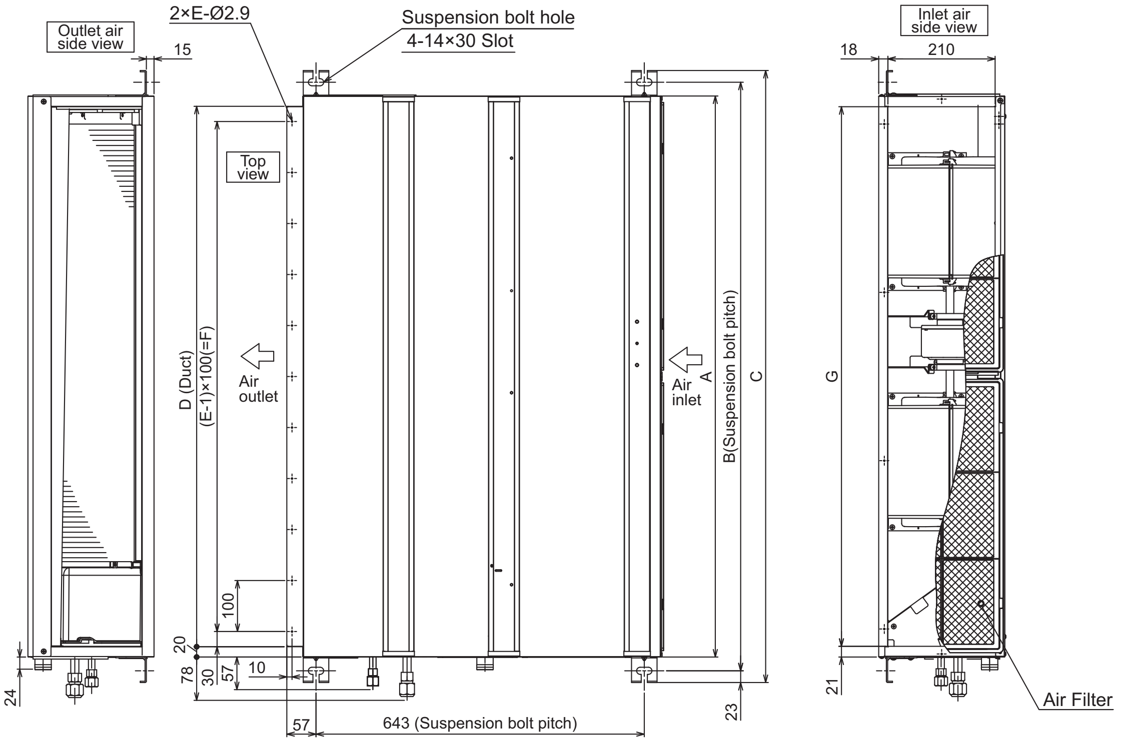
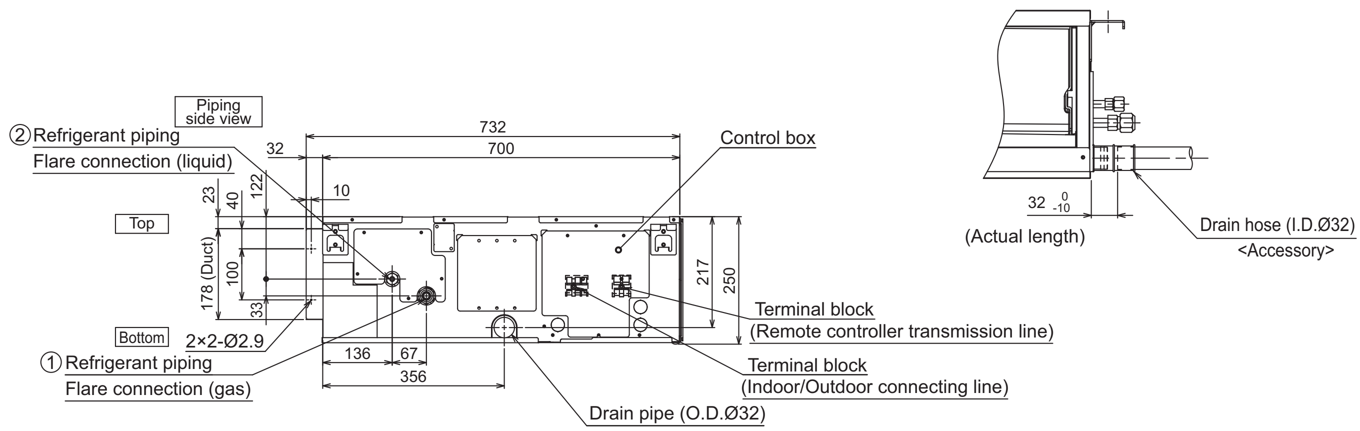


Fig.5 (Viewed from the direction of the arrow B)

Model	H	J	K	L	M	N	P	Q	R
PEAD-M35, 50JA2	54	260	4	780	10	900	150~250	1000	1500
PEAD-M60, 71JA2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-M100, 125JA2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-M140JA2	54	370	5	1480	12	1600	500~600	1700	2200

PEAD-M35JAL2
PEAD-M50JAL2
PEAD-M60JAL2
PEAD-M71JAL2
PEAD-M100JAL2
PEAD-M125JAL2
PEAD-M140JAL2





Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-M35, 50JAL2	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-M60, 71JAL2	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52
PEAD-M100, 125JAL2	1400	1454	1500	1360	14	1300	1358		
PEAD-M140JAL2	1600	1654	1700	1560	16	1500	1558		

Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-M60, 71JAL2 models, which have 2 fans.
PEAD-M35, 50JAL2 models have 2 fans.
PEAD-M100, 125, 140JAL2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

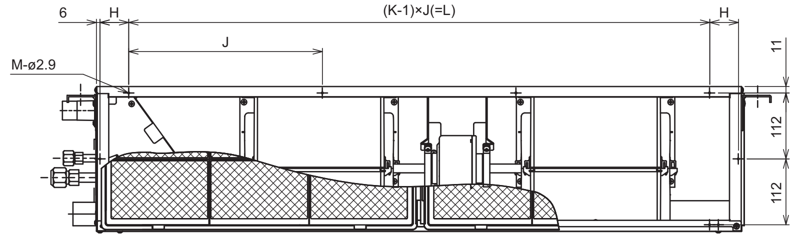
Unit : mm

[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
or
- Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm



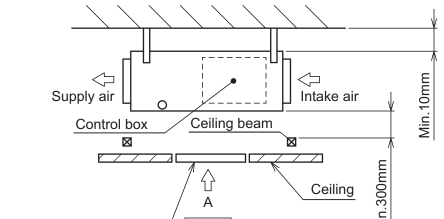


Fig.1

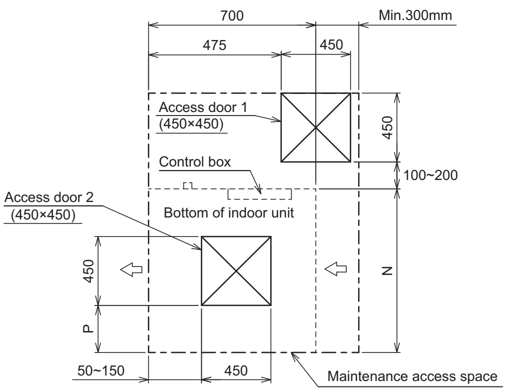


Fig.2 (Viewed from the direction of the arrow A)

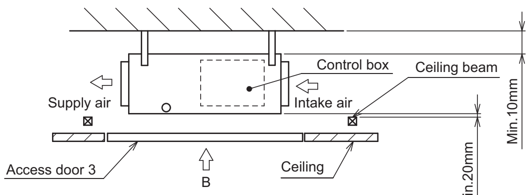


Fig.3

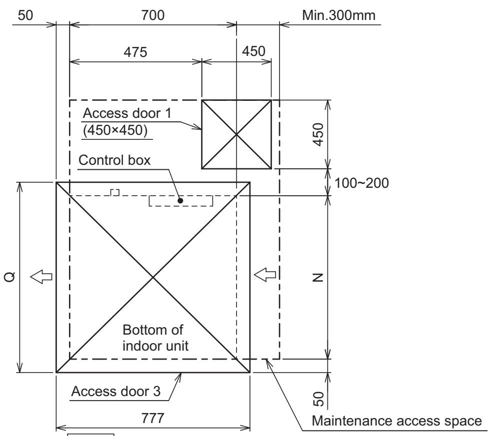


Fig.4 (Viewed from the direction of the arrow B)

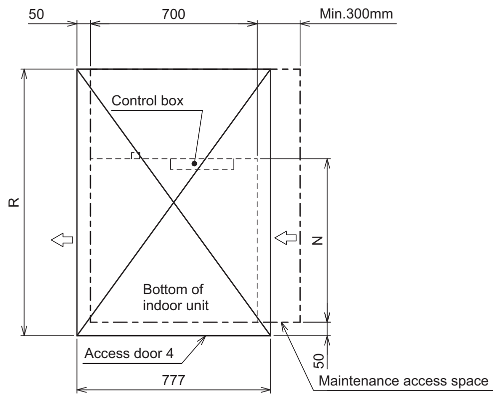
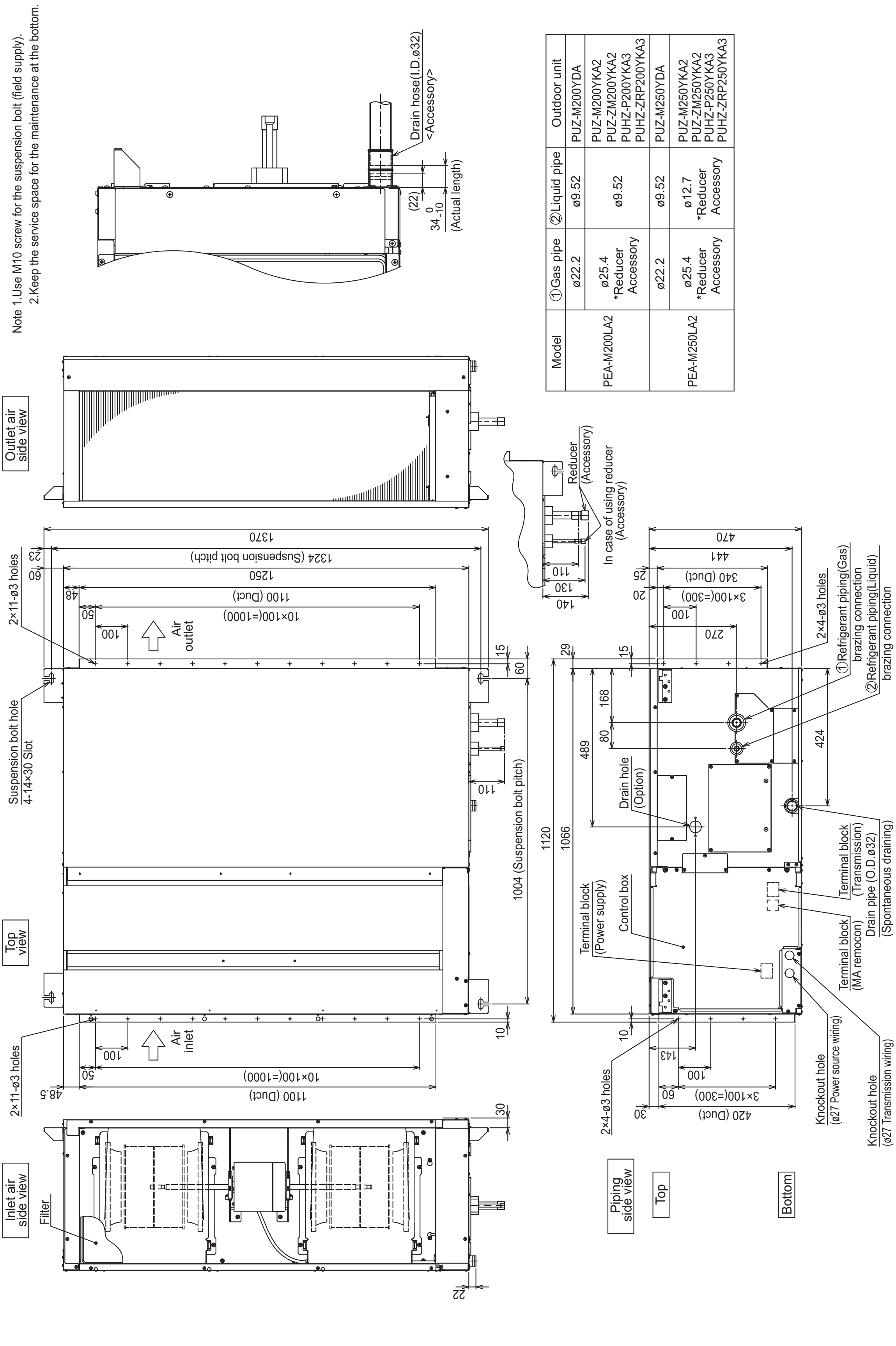


Fig.5 (Viewed from the direction of the arrow B)

Model	H	J	K	L	M	N	P	Q	R
PEAD-M35, 50JAL2	54	260	4	780	10	900	150~250	1000	1500
PEAD-M60, 71JAL2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-M100, 125JAL2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-M140JAL2	54	370	5	1480	12	1600	500~600	1700	2200

PEA-M200LA2
PEA-M250LA2

Unit : mm



Model	①Gas pipe	②Liquid pipe	Outdoor unit
PEA-M200LA2	ø22.2	ø9.52	PUZ-M200YDA
	ø25.4 *Reducer Accessory	ø9.52	PUZ-M200YKA2 PUZ-ZM200YKA2 PUHZ-P200YKA3 PUHZ-ZRP200YKA3
PEA-M250LA2	ø22.2	ø9.52	PUZ-M250YDA
	ø25.4 *Reducer Accessory	ø12.7 *Reducer Accessory	PUZ-M250YKA2 PUZ-ZM250YKA2 PUHZ-P250YKA3 PUHZ-ZRP250YKA3

[Maintenance access space]

Secure enough access space to allow for the maintenance,inspection,and replacement of the motor,fan,heat exchanger, drain pan and control box in one of the following ways.
Select an installation site for the indoor unit so that it's maintenance access space will not be obstructed by beam or other objects.

Create access door 1(450x450mm) for the maintenance from the unit side when the thermistor and control box is exchanged.(Fig.2,4)

(1) When a space of 500mm or more is available below the unit between the unit and the ceiling.
Create access door 2(600x600mm) for the maintenance from the bottom when the motor,fan,heat exchanger,drain pump(option) and drain pan is cleaned(exchanged).(Fig.1)
(2) When a space of less than 500mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
Create access door 3 for the maintenance from the bottom when the motor,fan,heat exchanger,drain pump(option) and drain pan is cleaned(exchanged).(Fig.4)

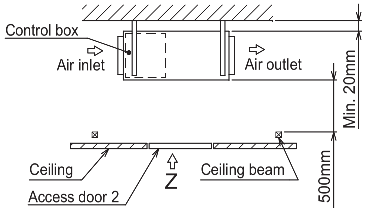


Fig.1

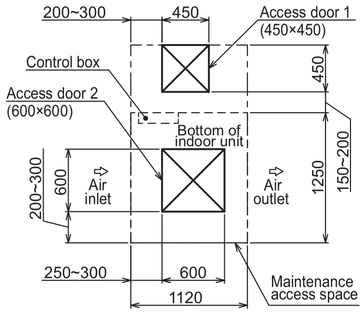


Fig.2 (Viewed from the direction of the arrow Z)

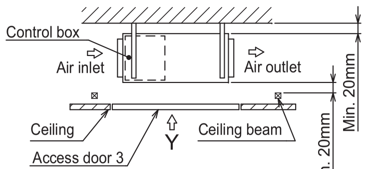


Fig.3

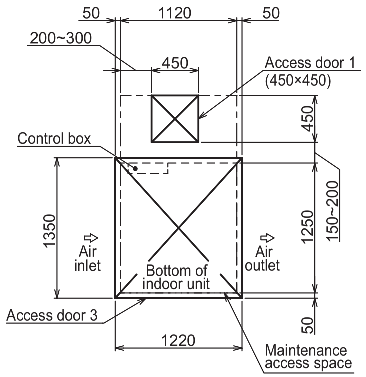
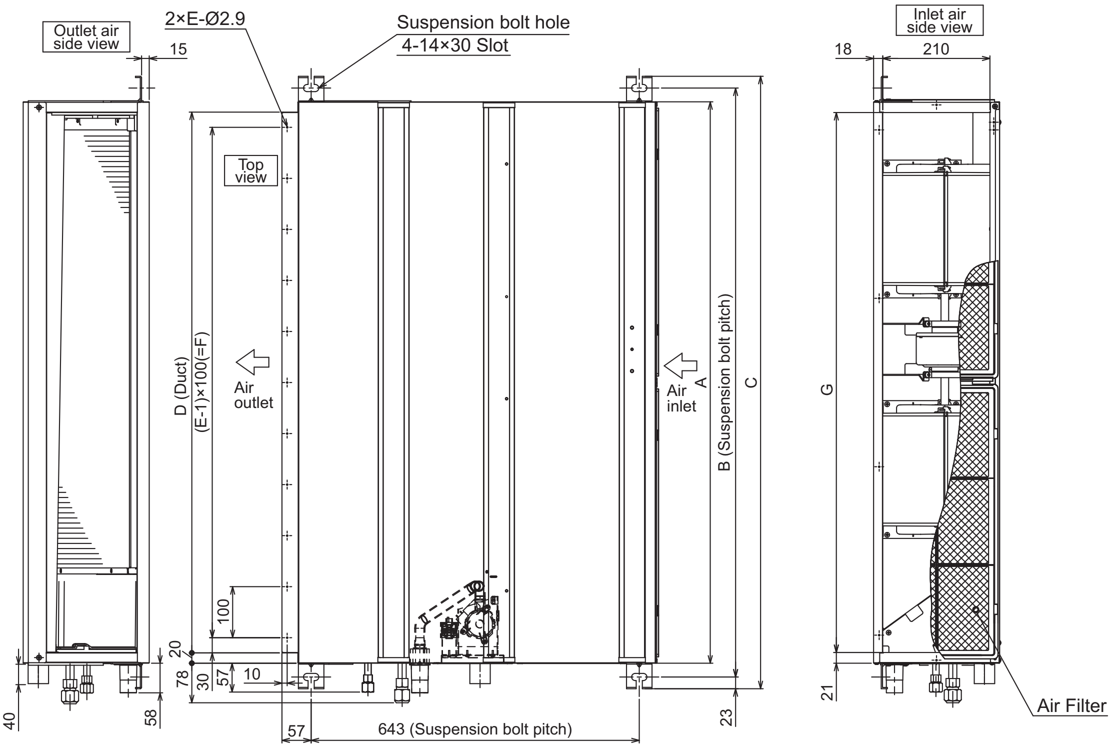
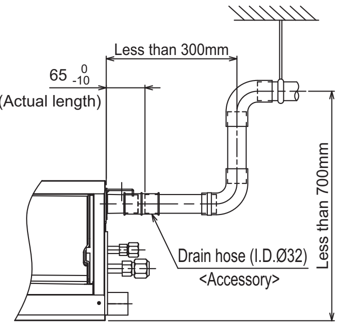
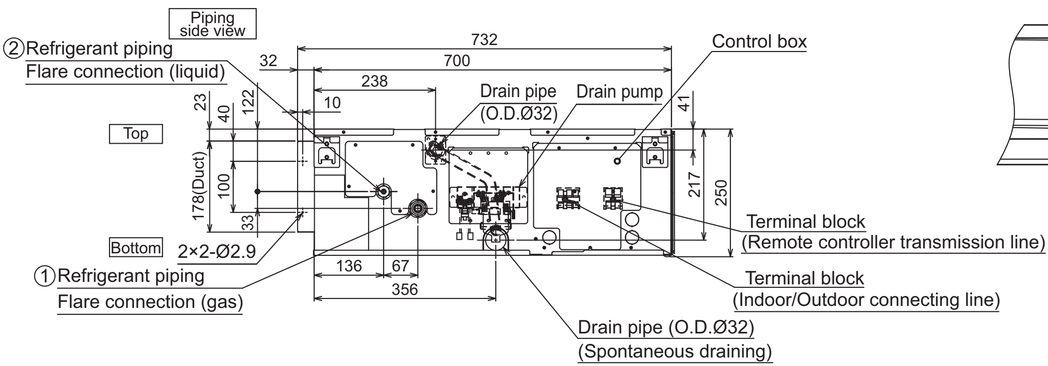


Fig.4 (Viewed from the direction of the arrow Y)

PEAD-SM35JA, PEAD-SM50JA, PEAD-SM60JA
PEAD-SM71JA2, PEAD-SM100JA2, PEAD-SM125JA2, PEAD-SM140JA2







Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-SM35, 50JA	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-SM60JA	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52
PEAD-SM71JA2									
PEAD-SM100, 125JA2	1400	1454	1500	1360	14	1300	1358		
PEAD-SM140JA2	1600	1654	1700	1560	16	1500	1558		

Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-SM60JA, PEAD-SM71JA2 models, which have 2 fans.
PEAD-SM35, 50JA models have 2 fans.
PEAD-SM100, 125, 140JA2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

Unit : mm

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

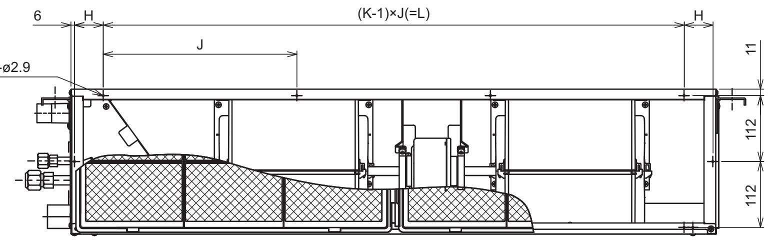
(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

· Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)

· Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
or
· Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm



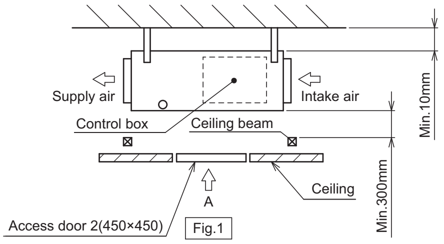


Fig.1

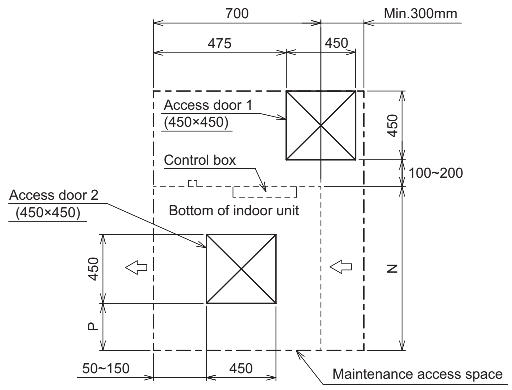


Fig.2 (Viewed from the direction of the arrow A)

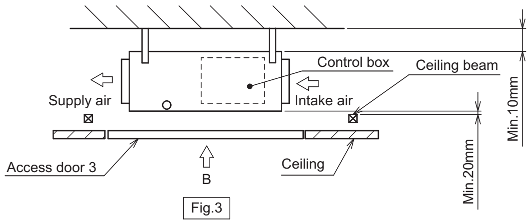


Fig.3

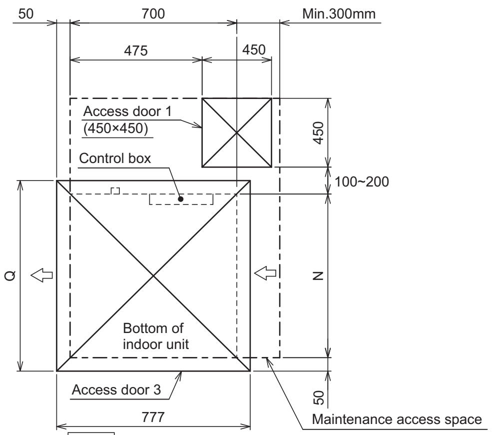


Fig.4 (Viewed from the direction of the arrow B)

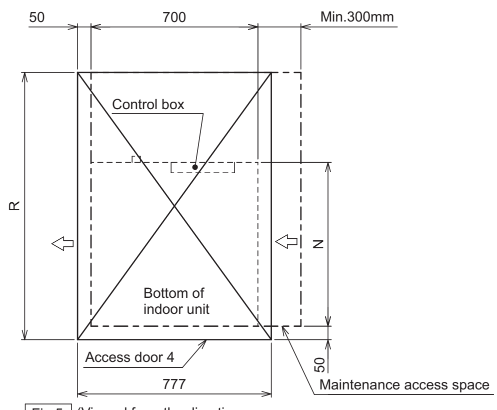
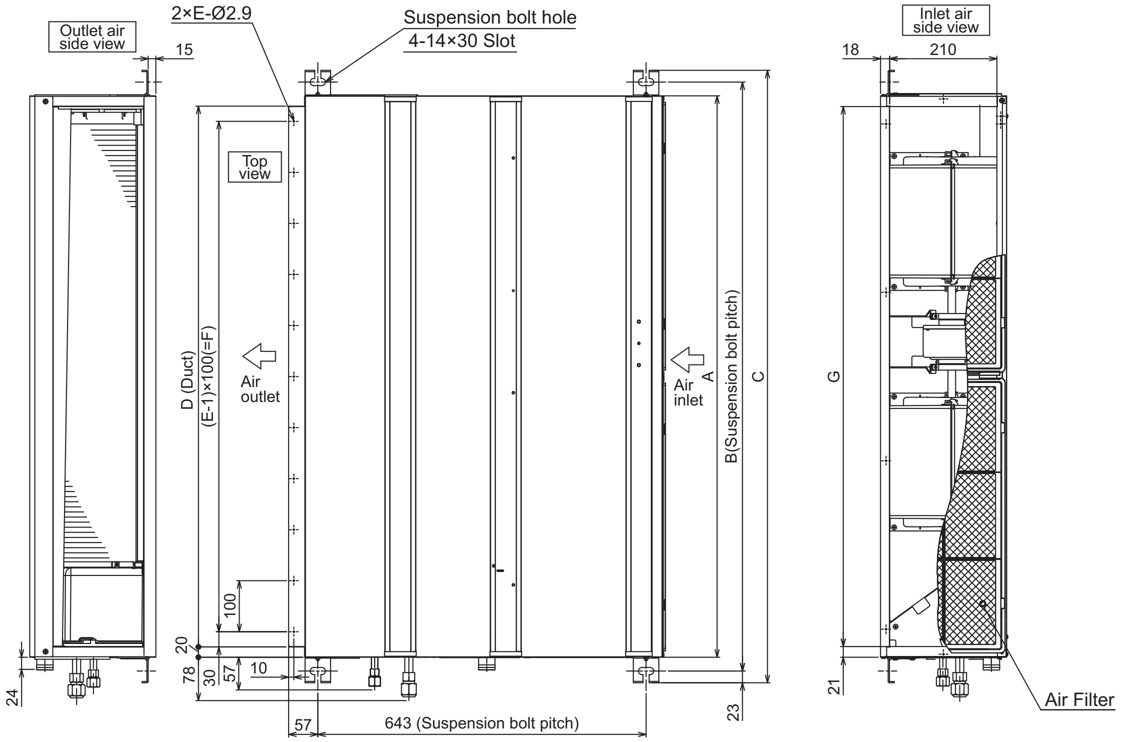
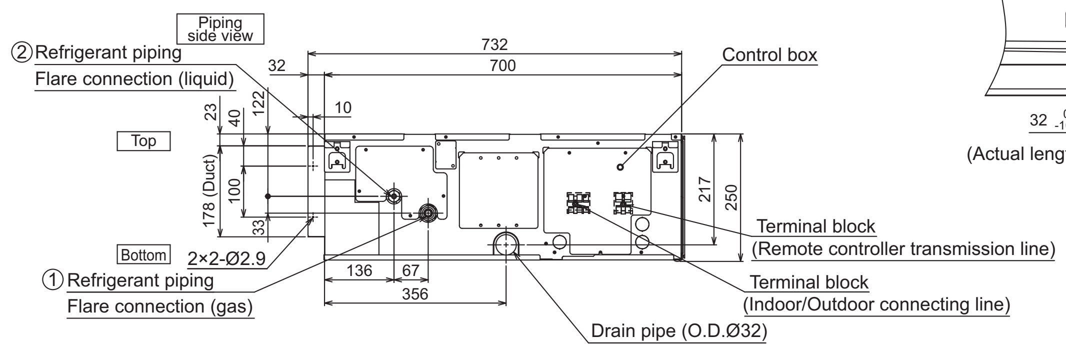


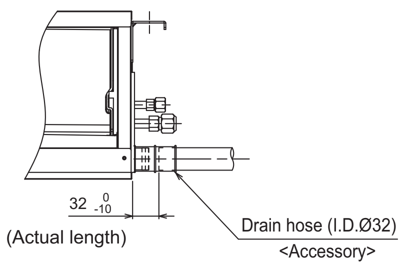
Fig.5 (Viewed from the direction of the arrow B)

Model	H	J	K	L	M	N	P	Q	R
PEAD-SM35, 50JA	54	260	4	780	10	900	150~250	1000	1500
PEAD-SM60JA PEAD-SM71JA2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-SM100, 125JA2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-SM140JA2	54	370	5	1480	12	1600	500~600	1700	2200

PEAD-SM35JAL, PEAD-SM50JAL, PEAD-SM60JAL
PEAD-SM71JAL2, PEAD-SM100JAL2, PEAD-SM125JAL2, PEAD-SM140JAL2







Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-SM35, 50JAL	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-SM60JAL PEAD-SM71JAL2	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52
PEAD-SM100, 125JAL2	1400	1454	1500	1360	14	1300	1358		
PEAD-SM140JAL2	1600	1654	1700	1560	16	1500	1558		

Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-SM60JAL, PEAD-SM71JAL2 models, which have 2 fans.
PEAD-SM35, 50JAL models have 2 fans.
PEAD-SM100, 125, 140JAL2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

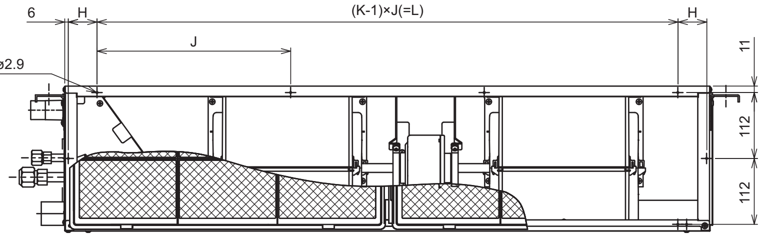
Unit : mm

[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- · Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
  (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
- · Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
  or
- · Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm



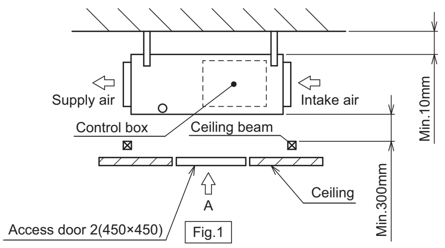


Fig.1

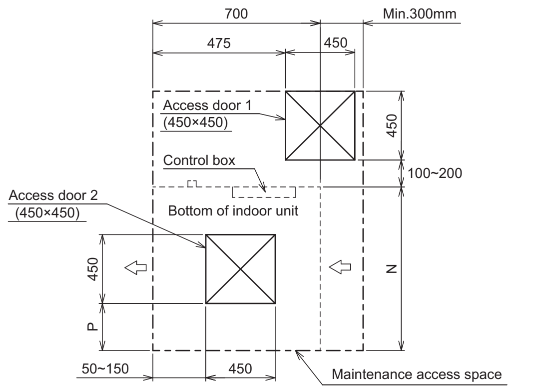


Fig.2 (Viewed from the direction of the arrow A)

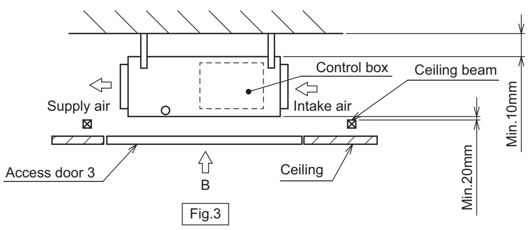


Fig.3

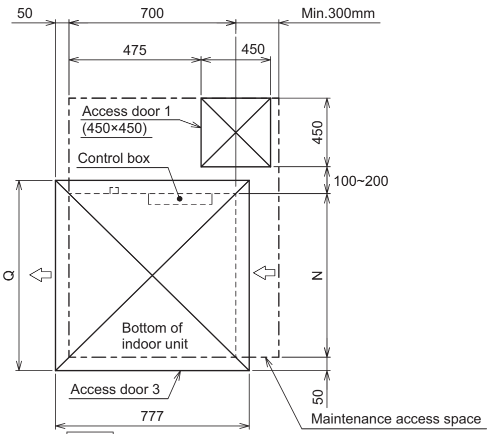


Fig.4 (Viewed from the direction of the arrow B)

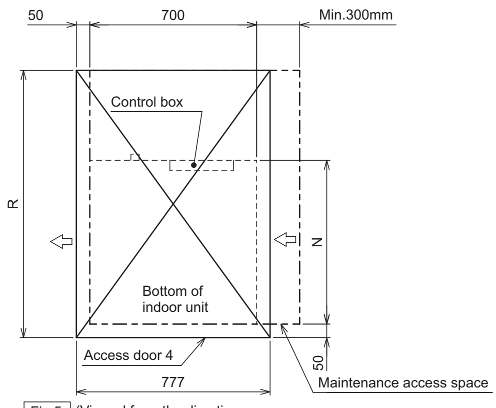
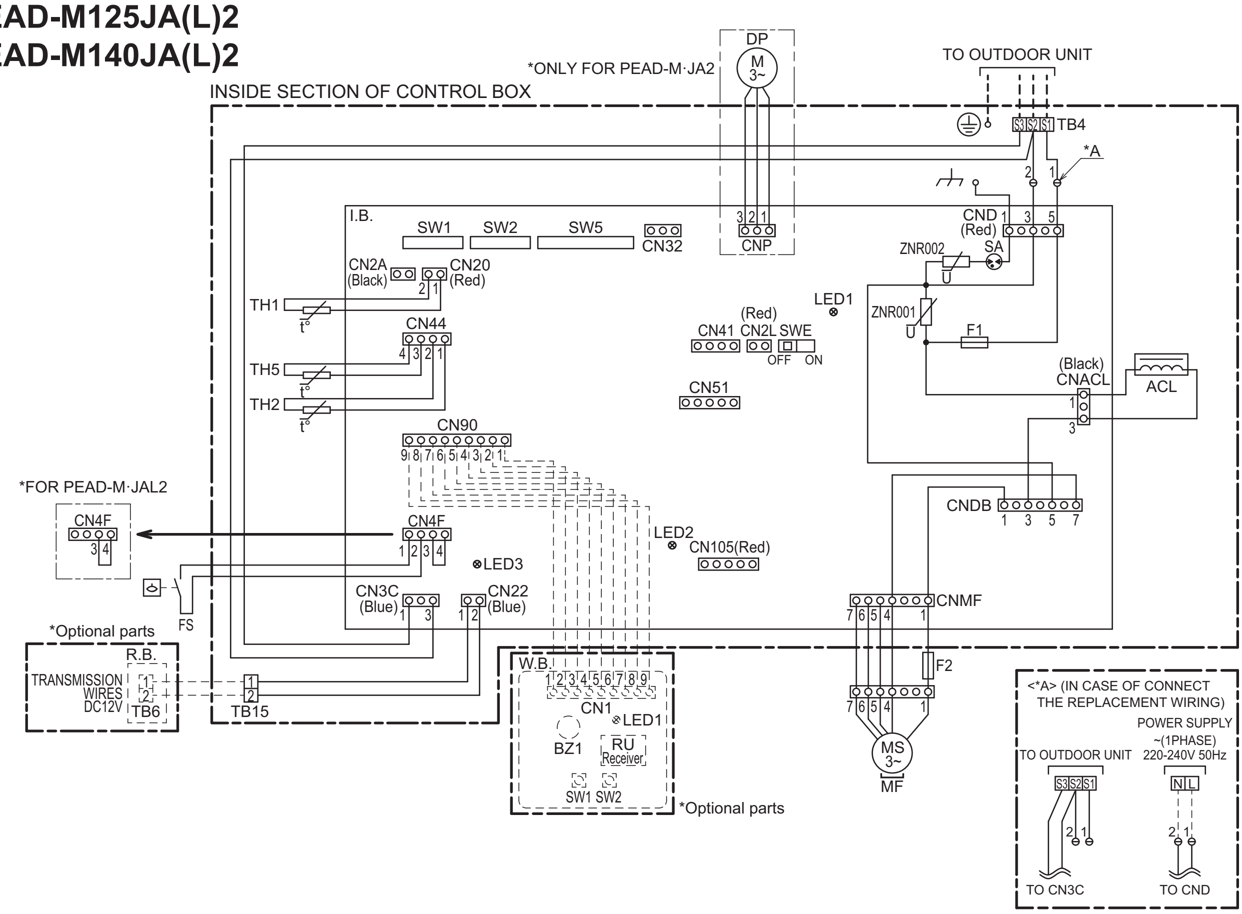


Fig.5 (Viewed from the direction of the arrow B)

Model	H	J	K	L	M	N	P	Q	R
PEAD-SM35, 50JAL	54	260	4	780	10	900	150~250	1000	1500
PEAD-SM60JAL PEAD-SM71JAL2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-SM100, 125JAL2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-SM140JAL2	54	370	5	1480	12	1600	500~600	1700	2200

A.6.3 WIRING DIAGRAM

PEAD-M35JA(L)2
PEAD-M50JA(L)2
PEAD-M60JA(L)2
PEAD-M71JA(L)2
PEAD-M100JA(L)2
PEAD-M125JA(L)2
PEAD-M140JA(L)2



SYMBOL EXPLANATION

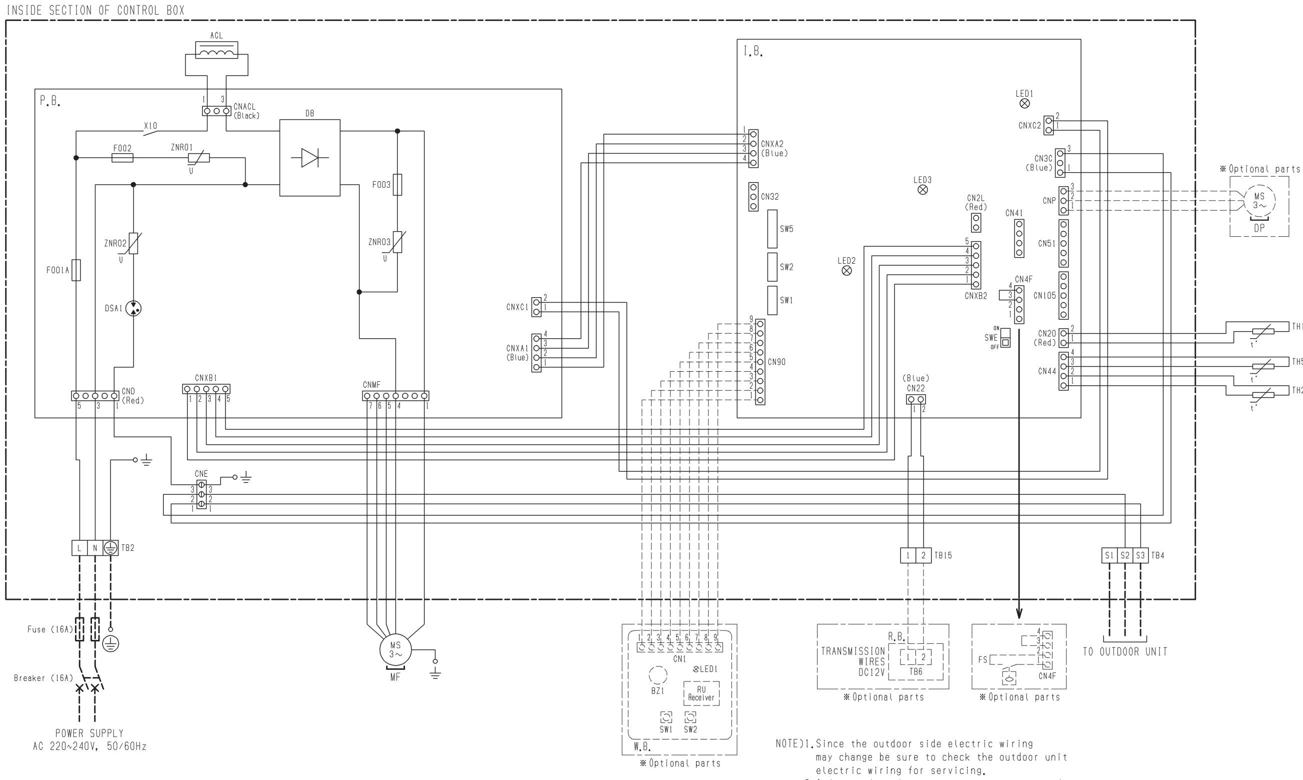
SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board
DP	Drain Pump	CN105	Connector (IT terminal)
FS	Float switch	CNP	Connector (Drain Pump)
F2	Fuse DC400V 3A	CN4F	Connector (Float switch)
MF	Fan Motor	SW1	Switch (for model selection)
TB4	Terminal block (Indoor/Outdoor connecting line)	SW2	Switch (for capacity code)
TB15	Terminal block (Remote controller transmission line)	SW5	Switch (for system selection)
TH1	Inlet air temp. thermistor	SWE	Connector (Emergency operation)
TH2	Pipe temp. thermistor/liquid	SA	Arrester
TH5	Cond./eva. temp. thermistor	F1	Fuse AC250V 6.3A
I.B.	Indoor controller board	ZNR001,002	Varistor
LED1	LED (Power supply)	W.B.	Wireless remote controller board
LED2	LED (Remote controller supply)	RU	Receiving unit
LED3	LED (Transmission Indoor-Outdoor)	BZ1	Buzzer
CN2A	Connector (0-10V Analog input)	LED1	LED (Run indicator)
CN2L	Connector (Lossanay)	SW1	Switch (Heating ON/OFF)
CN32	Connector (Remote switch)	SW2	Switch (Cooling ON/OFF)
CN41	Connector (HA terminal-A)	R.B.	Remote controller board
CN51	Connector (Centrally control)	TB6	Terminal block (Remote controller transmission line)
CN90	Connector (Wireless)		

MODEL	SW1	SW2	SW5
PEAD-M35JA(L)2	ON 12345	ON 12345	ON 12345678
PEAD-M50JA(L)2	ON 12345	ON 12345	ON 12345678
PEAD-M60JA(L)2	ON 12345	ON 12345	ON 12345678
PEAD-M71JA(L)2	ON 12345	ON 12345	ON 12345678
PEAD-M100JA(L)2	ON 12345	ON 12345	ON 12345678
PEAD-M125JA(L)2	ON 12345	ON 12345	ON 12345678
PEAD-M140JA(L)2	ON 12345	ON 12345	ON 12345678

Set the SW5-8 to OFF when a remote controller other than PAR-4*MAA/CT01MAA is connected.

NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Symbols used in wiring diagram are ○○○ : Connector, □: Terminal,
– – – – – – (Heavy dotted line): Field wiring,
– – – – – – (Thin dotted line): Optional parts.
4. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
*Be sure to turn off the SWE after completing a drainage test or test run.

PEA-M200LA2
PEA-M250LA2

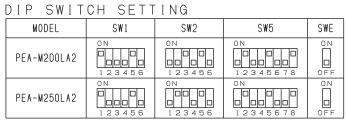


NOTE)1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers(S1, S2, S3).
3. Symbols used in wiring diagram are
:Connector, :Terminal,
(Heavy dotted line):Field wiring,
(Thin dotted line):Optional parts.

SYMBOL EXPLANATION

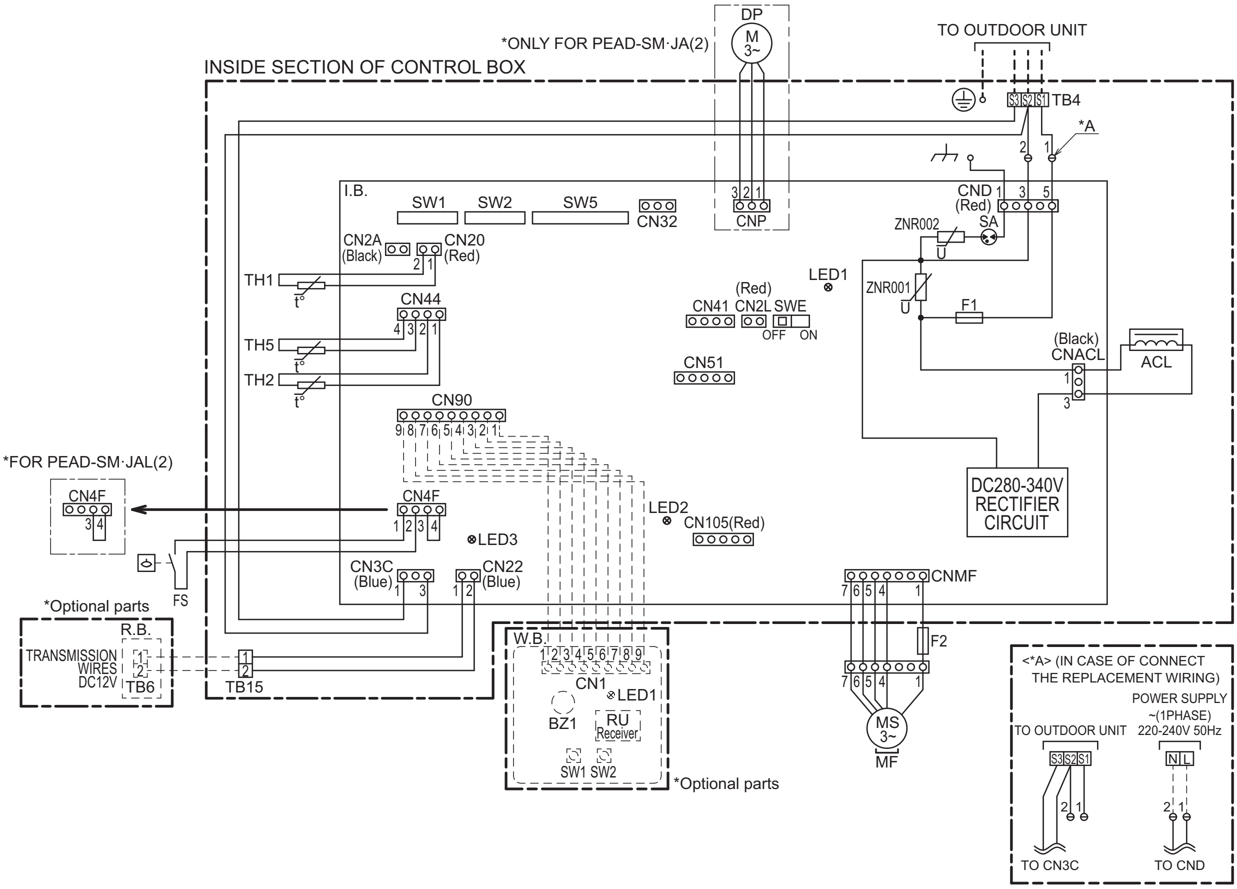
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board	P.B.	Power supply board
DP	Drain Pump	CN2L	Connector (Lossanay)	F002	Fuse AC250V 6.3A
FS	Float Switch	CN32	Connector (Remote switch)	F003	Fuse AC250V 6.3A
MF	Fan Motor	CN41	Connector (HA terminal-A)	X10	Aux.relay
TB2	Terminal block (Power source line)	CN51	Connector (Centrally control)	ZNR01	Varistor
TB4	Terminal block (Indoor/Outdoor connecting line)	CN90	Connector (Wireless)	ZNR02	Varistor
TB15	Terminal block (Remote controller transmission line)	CN105	Connector (IT terminal)	ZNR03	Varistor
TH1	Inlet air temp. thermistor	SW1	Switch (for model selection)	W.B.	Wireless remote controller board
TH2	Pipe temp. thermistor/liquid	SW2	Switch (for capacity code)	RU	Receiving unit
TH5	Cond./eva. temp. thermistor	SW5	Switch (for system selection)	BZ1	Buzzer
I.B.	Indoor controller board	SWE	Connector (Emergency operation)	LED1	LED (Run indicator)
LED1	LED (Power supply)	P.B.	Power supply board	SW1	Switch (Heating ON/OFF)
LED2	LED (Remote controller supply)	DB	Diode Bridge	SW2	Switch (Cooling ON/OFF)
LED3	LED (Transmission Indoor-Outdoor)	DSA1	Arrester	R.B.	Remote controller board
		F001A	Fuse AC250V 15A	TB6	Terminal block (Remote controller transmission line)

DIP SWITCH SETTING



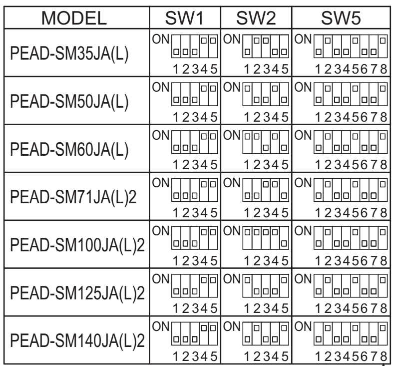
THE FIGURE AT LEFT SHOWS THAT THE SWITCHES 1 AND 2 ARE SET TO "ON" AND 3 THROUGH 5 ARE SET TO "OFF".

PEAD-SM35JA(L), PEAD-SM50JA(L), PEAD-SM60JA(L)
PEAD-SM71JA(L)2, PEAD-SM100JA(L)2, PEAD-SM125JA(L)2, PEAD-SM140JA(L)2



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board
DP	Drain Pump	CN105	Connector (IT terminal)
FS	Float switch	CNP	Connector (Drain Pump)
F2	Fuse DC400V 3A	CN4F	Connector (Float switch)
MF	Fan Motor	SW1	Switch (for model selection)
TB4	Terminal block (Indoor/Outdoor connecting line)	SW2	Switch (for capacity code)
TB15	Terminal block (Remote controller transmission line)	SW5	Switch (for system selection)
TH1	Inlet air temp. thermistor	SWE	Connector (Emergency operation)
TH2	Pipe temp. thermistor/liquid	SA	Arrester
TH5	Cond./eva. temp. thermistor	F1	Fuse AC250V 6.3A
I.B.	Indoor controller board	ZNR001,002	Varistor
LED1	LED (Power supply)	W.B.	Wireless remote controller board
LED2	LED (Remote controller supply)	RU	Receiving unit
LED3	LED (Transmission Indoor-Outdoor)	BZ1	Buzzer
CN2A	Connector (0-10V Analog input)	LED1	LED (Run indicator)
CN2L	Connector (Lossanay)	SW1	Switch (Heating ON/OFF)
CN32	Connector (Remote switch)	SW2	Switch (Cooling ON/OFF)
CN41	Connector (HA terminal-A)	R.B.	Remote controller board
CN51	Connector (Centrally control)	TB6	Terminal block (Remote controller transmission line)
CN90	Connector (Wireless)		

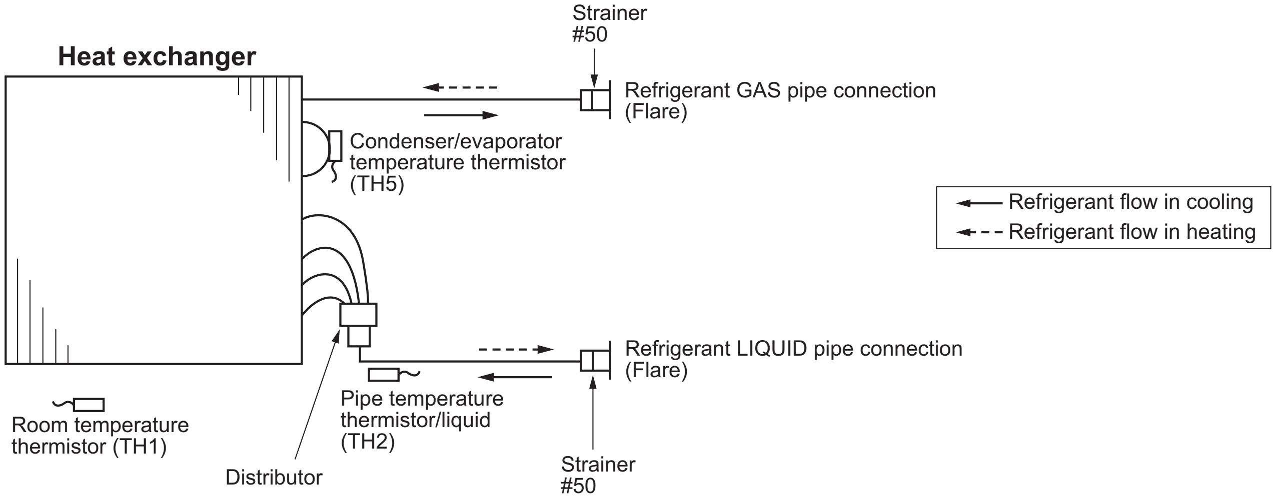


Set the SW5-8 to OFF when a remote controller other than PAR-4*MAA/CT01MAA is connected.

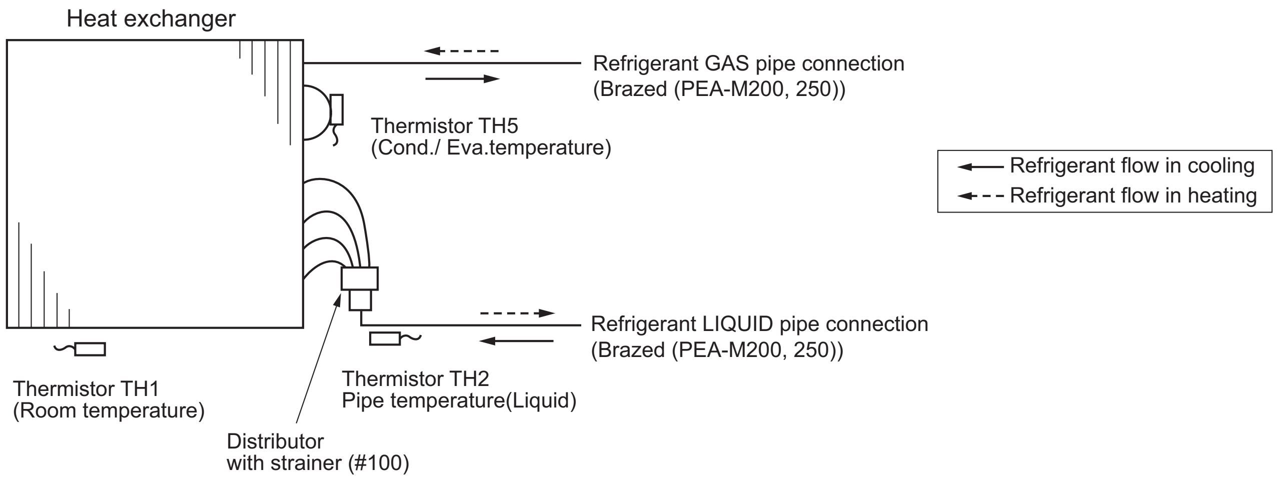
NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Symbols used in wiring diagram are ○○○ : Connector, □: Terminal,
------ (Heavy dotted line): Field wiring,
------ (Thin dotted line): Optional parts.
4. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
*Be sure to turn off the SWE after completing a drainage test or test run.

A.6.4 REFRIGERANT SYSTEM DIAGRAM

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



**PEA-M200LA2
PEA-M250LA2**



A.6.5 PERFORMANCE DATA

Slim Deluxe

COOLING CAPACITY
PEAD-M35JA(L)2 / PUZ-ZM35VKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.673	0.75	0.670	3.456	2.592	0.75	0.707	3.348	2.511	0.75	0.749
20	18	3.816	2.404	0.63	0.682	3.708	2.336	0.63	0.720	3.582	2.257	0.63	0.770
20	20	4.104	2.093	0.51	0.703	4.014	2.047	0.51	0.737	3.906	1.992	0.51	0.787
22	16	3.564	2.958	0.83	0.670	3.456	2.868	0.83	0.707	3.348	2.779	0.83	0.749
22	18	3.816	2.709	0.71	0.682	3.708	2.633	0.71	0.720	3.582	2.543	0.71	0.770
22	20	4.104	2.421	0.59	0.703	4.014	2.368	0.59	0.737	3.906	2.305	0.59	0.787
24	16	3.564	3.243	0.91	0.670	3.456	3.145	0.91	0.707	3.348	3.047	0.91	0.749
24	18	3.816	3.015	0.79	0.682	3.708	2.929	0.79	0.720	3.582	2.830	0.79	0.770
24	20	4.104	2.750	0.67	0.703	4.014	2.689	0.67	0.737	3.906	2.617	0.67	0.787
24	22	4.374	2.406	0.55	0.720	4.284	2.356	0.55	0.762	4.176	2.297	0.55	0.812
26	16	3.564	3.528	0.99	0.670	3.456	3.421	0.99	0.707	3.348	3.315	0.99	0.749
26	18	3.816	3.320	0.87	0.682	3.708	3.226	0.87	0.720	3.582	3.116	0.87	0.770
26	20	4.104	3.078	0.75	0.703	4.014	3.011	0.75	0.737	3.906	2.930	0.75	0.787
26	22	4.374	2.756	0.63	0.720	4.284	2.699	0.63	0.762	4.176	2.631	0.63	0.812
27	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
27	18	3.816	3.473	0.91	0.682	3.708	3.374	0.91	0.720	3.582	3.260	0.91	0.770
27	20	4.104	3.242	0.79	0.703	4.014	3.171	0.79	0.737	3.906	3.086	0.79	0.787
27	22	4.374	2.931	0.67	0.720	4.284	2.870	0.67	0.762	4.176	2.798	0.67	0.812
28	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
28	18	3.816	3.625	0.95	0.682	3.708	3.523	0.95	0.720	3.582	3.403	0.95	0.770
28	20	4.104	3.406	0.83	0.703	4.014	3.332	0.83	0.737	3.906	3.242	0.83	0.787
28	22	4.374	3.106	0.71	0.720	4.284	3.042	0.71	0.762	4.176	2.965	0.71	0.812
30	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
30	18	3.816	3.816	1.00	0.682	3.708	3.708	1.00	0.720	3.582	3.582	1.00	0.770
30	20	4.104	3.735	0.91	0.703	4.014	3.653	0.91	0.737	3.906	3.554	0.91	0.787
30	22	4.374	3.455	0.79	0.720	4.284	3.384	0.79	0.762	4.176	3.299	0.79	0.812
32	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
32	18	3.816	3.816	1.00	0.682	3.708	3.708	1.00	0.720	3.582	3.582	1.00	0.770
32	20	4.104	4.063	0.99	0.703	4.014	3.974	0.99	0.737	3.906	3.867	0.99	0.787
32	22	4.374	3.805	0.87	0.720	4.284	3.727	0.87	0.762	4.176	3.633	0.87	0.812
34	16	3.564	3.564	1.00	0.670	3.456	3.456	1.00	0.707	3.348	3.348	1.00	0.749
34	18	3.816	3.816	1.00	0.682	3.708	3.708	1.00	0.720	3.582	3.582	1.00	0.770
34	20	4.104	4.104	1.00	0.703	4.014	4.014	1.00	0.737	3.906	3.906	1.00	0.787
34	22	4.374	4.155	0.95	0.720	4.284	4.070	0.95	0.762	4.176	3.967	0.95	0.812

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.403	0.75	0.804	3.060	2.295	0.75	0.862	2.916	2.187	0.75	0.933
20	18	3.456	2.177	0.63	0.824	3.348	2.109	0.63	0.887	3.132	1.973	0.63	0.954
20	20	3.744	1.909	0.51	0.845	3.600	1.836	0.51	0.904	3.384	1.726	0.51	0.971
22	16	3.204	2.659	0.83	0.804	3.060	2.540	0.83	0.862	2.916	2.420	0.83	0.933
22	18	3.456	2.454	0.71	0.824	3.348	2.377	0.71	0.887	3.132	2.224	0.71	0.954
22	20	3.744	2.209	0.59	0.845	3.600	2.124	0.59	0.904	3.384	1.997	0.59	0.971
24	16	3.204	2.916	0.91	0.804	3.060	2.785	0.91	0.862	2.916	2.654	0.91	0.933
24	18	3.456	2.730	0.79	0.824	3.348	2.645	0.79	0.887	3.132	2.474	0.79	0.954
24	20	3.744	2.508	0.67	0.845	3.600	2.412	0.67	0.904	3.384	2.267	0.67	0.971
24	22	4.032	2.218	0.55	0.862	3.888	2.138	0.55	0.929	3.672	2.020	0.55	0.988
26	16	3.204	3.172	0.99	0.804	3.060	3.029	0.99	0.862	2.916	2.887	0.99	0.933
26	18	3.456	3.007	0.87	0.824	3.348	2.913	0.87	0.887	3.132	2.725	0.87	0.954
26	20	3.744	2.808	0.75	0.845	3.600	2.700	0.75	0.904	3.384	2.538	0.75	0.971
26	22	4.032	2.540	0.63	0.862	3.888	2.449	0.63	0.929	3.672	2.313	0.63	0.988
27	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
27	18	3.456	3.145	0.91	0.824	3.348	3.047	0.91	0.887	3.132	2.850	0.91	0.954
27	20	3.744	2.958	0.79	0.845	3.600	2.844	0.79	0.904	3.384	2.673	0.79	0.971
27	22	4.032	2.701	0.67	0.862	3.888	2.605	0.67	0.929	3.672	2.460	0.67	0.988
28	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
28	18	3.456	3.283	0.95	0.824	3.348	3.181	0.95	0.887	3.132	2.975	0.95	0.954
28	20	3.744	3.108	0.83	0.845	3.600	2.988	0.83	0.904	3.384	2.809	0.83	0.971
28	22	4.032	2.863	0.71	0.862	3.888	2.760	0.71	0.929	3.672	2.607	0.71	0.988
30	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
30	18	3.456	3.456	1.00	0.824	3.348	3.348	1.00	0.887	3.132	3.132	1.00	0.954
30	20	3.744	3.407	0.91	0.845	3.600	3.276	0.91	0.904	3.384	3.079	0.91	0.971
30	22	4.032	3.185	0.79	0.862	3.888	3.072	0.79	0.929	3.672	2.901	0.79	0.988
32	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
32	18	3.456	3.456	1.00	0.824	3.348	3.348	1.00	0.887	3.132	3.132	1.00	0.954
32	20	3.744	3.707	0.99	0.845	3.600	3.564	0.99	0.904	3.384	3.350	0.99	0.971
32	22	4.032	3.508	0.87	0.862	3.888	3.383	0.87	0.929	3.672	3.195	0.87	0.988
34	16	3.204	3.204	1.00	0.804	3.060	3.060	1.00	0.862	2.916	2.916	1.00	0.933
34	18	3.456	3.456	1.00	0.824	3.348	3.348	1.00	0.887	3.132	3.132	1.00	0.954
34	20	3.744	3.744	1.00	0.845	3.600	3.600	1.00	0.904	3.384	3.384	1.00	0.971
34	22	4.032	3.830	0.95	0.862	3.888	3.694	0.95	0.929	3.672	3.488	0.95	0.988

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

COOLING CAPACITY
PEAD-M50JA(L)2 / PUZ-ZM50VKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.663	0.74	0.952	4.800	3.552	0.74	1.006	4.650	3.441	0.74	1.065
20	18	5.300	3.286	0.62	0.970	5.150	3.193	0.62	1.023	4.975	3.085	0.62	1.095
20	20	5.700	2.850	0.50	1.000	5.575	2.788	0.50	1.047	5.425	2.713	0.50	1.119
22	16	4.950	4.059	0.82	0.952	4.800	3.936	0.82	1.006	4.650	3.813	0.82	1.065
22	18	5.300	3.710	0.70	0.970	5.150	3.605	0.70	1.023	4.975	3.483	0.70	1.095
22	20	5.700	3.306	0.58	1.000	5.575	3.234	0.58	1.047	5.425	3.147	0.58	1.119
24	16	4.950	4.455	0.90	0.952	4.800	4.320	0.90	1.006	4.650	4.185	0.90	1.065
24	18	5.300	4.134	0.78	0.970	5.150	4.017	0.78	1.023	4.975	3.881	0.78	1.095
24	20	5.700	3.762	0.66	1.000	5.575	3.680	0.66	1.047	5.425	3.581	0.66	1.119
24	22	6.075	3.281	0.54	1.023	5.950	3.213	0.54	1.083	5.800	3.132	0.54	1.154
26	16	4.950	4.851	0.98	0.952	4.800	4.704	0.98	1.006	4.650	4.557	0.98	1.065
26	18	5.300	4.558	0.86	0.970	5.150	4.429	0.86	1.023	4.975	4.279	0.86	1.095
26	20	5.700	4.218	0.74	1.000	5.575	4.126	0.74	1.047	5.425	4.015	0.74	1.119
26	22	6.075	3.767	0.62	1.023	5.950	3.689	0.62	1.083	5.800	3.596	0.62	1.154
27	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
27	18	5.300	4.770	0.90	0.970	5.150	4.635	0.90	1.023	4.975	4.478	0.90	1.095
27	20	5.700	4.446	0.78	1.000	5.575	4.349	0.78	1.047	5.425	4.232	0.78	1.119
27	22	6.075	4.010	0.66	1.023	5.950	3.927	0.66	1.083	5.800	3.828	0.66	1.154
28	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
28	18	5.300	4.982	0.94	0.970	5.150	4.841	0.94	1.023	4.975	4.677	0.94	1.095
28	20	5.700	4.674	0.82	1.000	5.575	4.572	0.82	1.047	5.425	4.449	0.82	1.119
28	22	6.075	4.253	0.70	1.023	5.950	4.165	0.70	1.083	5.800	4.060	0.70	1.154
30	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
30	18	5.300	5.300	1.00	0.970	5.150	5.150	1.00	1.023	4.975	4.975	1.00	1.095
30	20	5.700	5.130	0.90	1.000	5.575	5.018	0.90	1.047	5.425	4.883	0.90	1.119
30	22	6.075	4.739	0.78	1.023	5.950	4.641	0.78	1.083	5.800	4.524	0.78	1.154
32	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
32	18	5.300	5.300	1.00	0.970	5.150	5.150	1.00	1.023	4.975	4.975	1.00	1.095
32	20	5.700	5.586	0.98	1.000	5.575	5.464	0.98	1.047	5.425	5.317	0.98	1.119
32	22	6.075	5.225	0.86	1.023	5.950	5.117	0.86	1.083	5.800	4.988	0.86	1.154
34	16	4.950	4.950	1.00	0.952	4.800	4.800	1.00	1.006	4.650	4.650	1.00	1.065
34	18	5.300	5.300	1.00	0.970	5.150	5.150	1.00	1.023	4.975	4.975	1.00	1.095
34	20	5.700	5.700	1.00	1.000	5.575	5.575	1.00	1.047	5.425	5.425	1.00	1.119
34	22	6.075	5.711	0.94	1.023	5.950	5.593	0.94	1.083	5.800	5.452	0.94	1.154

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.293	0.74	1.142	4.250	3.145	0.74	1.226	4.050	2.997	0.74	1.327
20	18	4.800	2.976	0.62	1.172	4.650	2.883	0.62	1.261	4.350	2.697	0.62	1.357
20	20	5.200	2.600	0.50	1.202	5.000	2.500	0.50	1.285	4.700	2.350	0.50	1.380
22	16	4.450	3.649	0.82	1.142	4.250	3.485	0.82	1.226	4.050	3.321	0.82	1.327
22	18	4.800	3.360	0.70	1.172	4.650	3.255	0.70	1.261	4.350	3.045	0.70	1.357
22	20	5.200	3.016	0.58	1.202	5.000	2.900	0.58	1.285	4.700	2.726	0.58	1.380
24	16	4.450	4.005	0.90	1.142	4.250	3.825	0.90	1.226	4.050	3.645	0.90	1.327
24	18	4.800	3.744	0.78	1.172	4.650	3.627	0.78	1.261	4.350	3.393	0.78	1.357
24	20	5.200	3.432	0.66	1.202	5.000	3.300	0.66	1.285	4.700	3.102	0.66	1.380
24	22	5.600	3.024	0.54	1.226	5.400	2.916	0.54	1.321	5.100	2.754	0.54	1.404
26	16	4.450	4.361	0.98	1.142	4.250	4.165	0.98	1.226	4.050	3.969	0.98	1.327
26	18	4.800	4.128	0.86	1.172	4.650	3.999	0.86	1.261	4.350	3.741	0.86	1.357
26	20	5.200	3.848	0.74	1.202	5.000	3.700	0.74	1.285	4.700	3.478	0.74	1.380
26	22	5.600	3.472	0.62	1.226	5.400	3.348	0.62	1.321	5.100	3.162	0.62	1.404
27	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
27	18	4.800	4.320	0.90	1.172	4.650	4.185	0.90	1.261	4.350	3.915	0.90	1.357
27	20	5.200	4.056	0.78	1.202	5.000	3.900	0.78	1.285	4.700	3.666	0.78	1.380
27	22	5.600	3.696	0.66	1.226	5.400	3.564	0.66	1.321	5.100	3.366	0.66	1.404
28	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
28	18	4.800	4.512	0.94	1.172	4.650	4.371	0.94	1.261	4.350	4.089	0.94	1.357
28	20	5.200	4.264	0.82	1.202	5.000	4.100	0.82	1.285	4.700	3.854	0.82	1.380
28	22	5.600	3.920	0.70	1.226	5.400	3.780	0.70	1.321	5.100	3.570	0.70	1.404
30	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
30	18	4.800	4.800	1.00	1.172	4.650	4.650	1.00	1.261	4.350	4.350	1.00	1.357
30	20	5.200	4.680	0.90	1.202	5.000	4.500	0.90	1.285	4.700	4.230	0.90	1.380
30	22	5.600	4.368	0.78	1.226	5.400	4.212	0.78	1.321	5.100	3.978	0.78	1.404
32	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
32	18	4.800	4.800	1.00	1.172	4.650	4.650	1.00	1.261	4.350	4.350	1.00	1.357
32	20	5.200	5.096	0.98	1.202	5.000	4.900	0.98	1.285	4.700	4.606	0.98	1.380
32	22	5.600	4.816	0.86	1.226	5.400	4.644	0.86	1.321	5.100	4.386	0.86	1.404
34	16	4.450	4.450	1.00	1.142	4.250	4.250	1.00	1.226	4.050	4.050	1.00	1.327
34	18	4.800	4.800	1.00	1.172	4.650	4.650	1.00	1.261	4.350	4.350	1.00	1.357
34	20	5.200	5.200	1.00	1.202	5.000	5.000	1.00	1.285	4.700	4.700	1.00	1.380
34	22	5.600	5.264	0.94	1.226	5.400	5.076	0.94	1.321	5.100	4.794	0.94	1.404

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

COOLING CAPACITY
PEAD-M60JA(L)2 / PUZ-ZM60VHA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.408	0.73	1.190	5.856	4.275	0.73	1.257	5.673	4.141	0.73	1.331
20	18	6.466	3.944	0.61	1.212	6.283	3.833	0.61	1.279	6.070	3.703	0.61	1.368
20	20	6.954	3.407	0.49	1.249	6.802	3.333	0.49	1.309	6.619	3.243	0.49	1.398
22	16	6.039	4.892	0.81	1.190	5.856	4.743	0.81	1.257	5.673	4.595	0.81	1.331
22	18	6.466	4.462	0.69	1.212	6.283	4.335	0.69	1.279	6.070	4.188	0.69	1.368
22	20	6.954	3.964	0.57	1.249	6.802	3.877	0.57	1.309	6.619	3.773	0.57	1.398
24	16	6.039	5.375	0.89	1.190	5.856	5.212	0.89	1.257	5.673	5.049	0.89	1.331
24	18	6.466	4.979	0.77	1.212	6.283	4.838	0.77	1.279	6.070	4.674	0.77	1.368
24	20	6.954	4.520	0.65	1.249	6.802	4.421	0.65	1.309	6.619	4.302	0.65	1.398
24	22	7.412	3.928	0.53	1.279	7.259	3.847	0.53	1.353	7.076	3.750	0.53	1.442
26	16	6.039	5.858	0.97	1.190	5.856	5.680	0.97	1.257	5.673	5.503	0.97	1.331
26	18	6.466	5.496	0.85	1.212	6.283	5.341	0.85	1.279	6.070	5.160	0.85	1.368
26	20	6.954	5.076	0.73	1.249	6.802	4.965	0.73	1.309	6.619	4.832	0.73	1.398
26	22	7.412	4.521	0.61	1.279	7.259	4.428	0.61	1.353	7.076	4.316	0.61	1.442
27	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
27	18	6.466	5.755	0.89	1.212	6.283	5.592	0.89	1.279	6.070	5.402	0.89	1.368
27	20	6.954	5.355	0.77	1.249	6.802	5.238	0.77	1.309	6.619	5.097	0.77	1.398
27	22	7.412	4.818	0.65	1.279	7.259	4.718	0.65	1.353	7.076	4.599	0.65	1.442
28	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
28	18	6.466	6.013	0.93	1.212	6.283	5.843	0.93	1.279	6.070	5.645	0.93	1.368
28	20	6.954	5.633	0.81	1.249	6.802	5.510	0.81	1.309	6.619	5.361	0.81	1.398
28	22	7.412	5.114	0.69	1.279	7.259	5.009	0.69	1.353	7.076	4.882	0.69	1.442
30	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
30	18	6.466	6.466	1.00	1.212	6.283	6.283	1.00	1.279	6.070	6.070	1.00	1.368
30	20	6.954	6.189	0.89	1.249	6.802	6.054	0.89	1.309	6.619	5.891	0.89	1.398
30	22	7.412	5.707	0.77	1.279	7.259	5.589	0.77	1.353	7.076	5.449	0.77	1.442
32	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
32	18	6.466	6.466	1.00	1.212	6.283	6.283	1.00	1.279	6.070	6.070	1.00	1.368
32	20	6.954	6.745	0.97	1.249	6.802	6.598	0.97	1.309	6.619	6.420	0.97	1.398
32	22	7.412	6.300	0.85	1.279	7.259	6.170	0.85	1.353	7.076	6.015	0.85	1.442
34	16	6.039	6.039	1.00	1.190	5.856	5.856	1.00	1.257	5.673	5.673	1.00	1.331
34	18	6.466	6.466	1.00	1.212	6.283	6.283	1.00	1.279	6.070	6.070	1.00	1.368
34	20	6.954	6.954	1.00	1.249	6.802	6.802	1.00	1.309	6.619	6.619	1.00	1.398
34	22	7.412	6.893	0.93	1.279	7.259	6.751	0.93	1.353	7.076	6.581	0.93	1.442

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.963	0.73	1.428	5.185	3.785	0.73	1.532	4.941	3.607	0.73	1.658
20	18	5.856	3.572	0.61	1.465	5.673	3.461	0.61	1.576	5.307	3.237	0.61	1.695
20	20	6.344	3.109	0.49	1.502	6.100	2.989	0.49	1.606	5.734	2.810	0.49	1.725
22	16	5.429	4.397	0.81	1.428	5.185	4.200	0.81	1.532	4.941	4.002	0.81	1.658
22	18	5.856	4.041	0.69	1.465	5.673	3.914	0.69	1.576	5.307	3.662	0.69	1.695
22	20	6.344	3.616	0.57	1.502	6.100	3.477	0.57	1.606	5.734	3.268	0.57	1.725
24	16	5.429	4.832	0.89	1.428	5.185	4.615	0.89	1.532	4.941	4.397	0.89	1.658
24	18	5.856	4.509	0.77	1.465	5.673	4.368	0.77	1.576	5.307	4.086	0.77	1.695
24	20	6.344	4.124	0.65	1.502	6.100	3.965	0.65	1.606	5.734	3.727	0.65	1.725
24	22	6.832	3.621	0.53	1.532	6.588	3.492	0.53	1.651	6.222	3.298	0.53	1.755
26	16	5.429	5.266	0.97	1.428	5.185	5.029	0.97	1.532	4.941	4.793	0.97	1.658
26	18	5.856	4.978	0.85	1.465	5.673	4.822	0.85	1.576	5.307	4.511	0.85	1.695
26	20	6.344	4.631	0.73	1.502	6.100	4.453	0.73	1.606	5.734	4.186	0.73	1.725
26	22	6.832	4.168	0.61	1.532	6.588	4.019	0.61	1.651	6.222	3.795	0.61	1.755
27	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
27	18	5.856	5.212	0.89	1.465	5.673	5.049	0.89	1.576	5.307	4.723	0.89	1.695
27	20	6.344	4.885	0.77	1.502	6.100	4.697	0.77	1.606	5.734	4.415	0.77	1.725
27	22	6.832	4.441	0.65	1.532	6.588	4.282	0.65	1.651	6.222	4.044	0.65	1.755
28	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
28	18	5.856	5.446	0.93	1.465	5.673	5.276	0.93	1.576	5.307	4.936	0.93	1.695
28	20	6.344	5.139	0.81	1.502	6.100	4.941	0.81	1.606	5.734	4.645	0.81	1.725
28	22	6.832	4.714	0.69	1.532	6.588	4.546	0.69	1.651	6.222	4.293	0.69	1.755
30	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
30	18	5.856	5.856	1.00	1.465	5.673	5.673	1.00	1.576	5.307	5.307	1.00	1.695
30	20	6.344	5.646	0.89	1.502	6.100	5.429	0.89	1.606	5.734	5.103	0.89	1.725
30	22	6.832	5.261	0.77	1.532	6.588	5.073	0.77	1.651	6.222	4.791	0.77	1.755
32	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
32	18	5.856	5.856	1.00	1.465	5.673	5.673	1.00	1.576	5.307	5.307	1.00	1.695
32	20	6.344	6.154	0.97	1.502	6.100	5.917	0.97	1.606	5.734	5.562	0.97	1.725
32	22	6.832	5.807	0.85	1.532	6.588	5.600	0.85	1.651	6.222	5.289	0.85	1.755
34	16	5.429	5.429	1.00	1.428	5.185	5.185	1.00	1.532	4.941	4.941	1.00	1.658
34	18	5.856	5.856	1.00	1.465	5.673	5.673	1.00	1.576	5.307	5.307	1.00	1.695
34	20	6.344	6.344	1.00	1.502	6.100	6.100	1.00	1.606	5.734	5.734	1.00	1.725
34	22	6.832	6.354	0.93	1.532	6.588	6.127	0.93	1.651	6.222	5.786	0.93	1.755

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

COOLING CAPACITY
PEAD-M71JA(L)2 / PUZ-ZM71VHA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.920	0.70	1.420	6.816	4.771	0.70	1.500	6.603	4.622	0.70	1.589
20	18	7.526	4.365	0.58	1.447	7.313	4.242	0.58	1.527	7.065	4.098	0.58	1.633
20	20	8.094	3.723	0.46	1.491	7.917	3.642	0.46	1.562	7.704	3.544	0.46	1.669
22	16	7.029	5.483	0.78	1.420	6.816	5.316	0.78	1.500	6.603	5.150	0.78	1.589
22	18	7.526	4.967	0.66	1.447	7.313	4.827	0.66	1.527	7.065	4.663	0.66	1.633
22	20	8.094	4.371	0.54	1.491	7.917	4.275	0.54	1.562	7.704	4.160	0.54	1.669
24	16	7.029	6.045	0.86	1.420	6.816	5.862	0.86	1.500	6.603	5.679	0.86	1.589
24	18	7.526	5.569	0.74	1.447	7.313	5.412	0.74	1.527	7.065	5.228	0.74	1.633
24	20	8.094	5.018	0.62	1.491	7.917	4.909	0.62	1.562	7.704	4.776	0.62	1.669
24	22	8.627	4.314	0.50	1.527	8.449	4.225	0.50	1.615	8.236	4.118	0.50	1.722
26	16	7.029	6.607	0.94	1.420	6.816	6.407	0.94	1.500	6.603	6.207	0.94	1.589
26	18	7.526	6.171	0.82	1.447	7.313	5.997	0.82	1.527	7.065	5.793	0.82	1.633
26	20	8.094	5.666	0.70	1.491	7.917	5.542	0.70	1.562	7.704	5.393	0.70	1.669
26	22	8.627	5.004	0.58	1.527	8.449	4.900	0.58	1.615	8.236	4.777	0.58	1.722
27	16	7.029	6.888	0.98	1.420	6.816	6.680	0.98	1.500	6.603	6.471	0.98	1.589
27	18	7.526	6.472	0.86	1.447	7.313	6.289	0.86	1.527	7.065	6.076	0.86	1.633
27	20	8.094	5.990	0.74	1.491	7.917	5.859	0.74	1.562	7.704	5.701	0.74	1.669
27	22	8.627	5.349	0.62	1.527	8.449	5.238	0.62	1.615	8.236	5.106	0.62	1.722
28	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
28	18	7.526	6.773	0.90	1.447	7.313	6.582	0.90	1.527	7.065	6.359	0.90	1.633
28	20	8.094	6.313	0.78	1.491	7.917	6.175	0.78	1.562	7.704	6.009	0.78	1.669
28	22	8.627	5.694	0.66	1.527	8.449	5.576	0.66	1.615	8.236	5.436	0.66	1.722
30	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
30	18	7.526	7.375	0.98	1.447	7.313	7.167	0.98	1.527	7.065	6.924	0.98	1.633
30	20	8.094	6.961	0.86	1.491	7.917	6.809	0.86	1.562	7.704	6.625	0.86	1.669
30	22	8.627	6.384	0.74	1.527	8.449	6.252	0.74	1.615	8.236	6.095	0.74	1.722
32	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
32	18	7.526	7.526	1.00	1.447	7.313	7.313	1.00	1.527	7.065	7.065	1.00	1.633
32	20	8.094	7.608	0.94	1.491	7.917	7.442	0.94	1.562	7.704	7.242	0.94	1.669
32	22	8.627	7.074	0.82	1.527	8.449	6.928	0.82	1.615	8.236	6.754	0.82	1.722
34	16	7.029	7.029	1.00	1.420	6.816	6.816	1.00	1.500	6.603	6.603	1.00	1.589
34	18	7.526	7.526	1.00	1.447	7.313	7.313	1.00	1.527	7.065	7.065	1.00	1.633
34	20	8.094	8.094	1.00	1.491	7.917	7.917	1.00	1.562	7.704	7.704	1.00	1.669
34	22	8.627	7.764	0.90	1.527	8.449	7.604	0.90	1.615	8.236	7.412	0.90	1.722

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.423	0.70	1.704	6.035	4.225	0.70	1.828	5.751	4.026	0.70	1.979
20	18	6.816	3.953	0.58	1.748	6.603	3.830	0.58	1.882	6.177	3.583	0.58	2.024
20	20	7.384	3.397	0.46	1.793	7.100	3.266	0.46	1.917	6.674	3.070	0.46	2.059
22	16	6.319	4.929	0.78	1.704	6.035	4.707	0.78	1.828	5.751	4.486	0.78	1.979
22	18	6.816	4.499	0.66	1.748	6.603	4.358	0.66	1.882	6.177	4.077	0.66	2.024
22	20	7.384	3.987	0.54	1.793	7.100	3.834	0.54	1.917	6.674	3.604	0.54	2.059
24	16	6.319	5.434	0.86	1.704	6.035	5.190	0.86	1.828	5.751	4.946	0.86	1.979
24	18	6.816	5.044	0.74	1.748	6.603	4.886	0.74	1.882	6.177	4.571	0.74	2.024
24	20	7.384	4.578	0.62	1.793	7.100	4.402	0.62	1.917	6.674	4.138	0.62	2.059
24	22	7.952	3.976	0.50	1.828	7.668	3.834	0.50	1.970	7.242	3.621	0.50	2.095
26	16	6.319	5.940	0.94	1.704	6.035	5.673	0.94	1.828	5.751	5.406	0.94	1.979
26	18	6.816	5.589	0.82	1.748	6.603	5.414	0.82	1.882	6.177	5.065	0.82	2.024
26	20	7.384	5.169	0.70	1.793	7.100	4.970	0.70	1.917	6.674	4.672	0.70	2.059
26	22	7.952	4.612	0.58	1.828	7.668	4.447	0.58	1.970	7.242	4.200	0.58	2.095
27	16	6.319	6.193	0.98	1.704	6.035	5.914	0.98	1.828	5.751	5.636	0.98	1.979
27	18	6.816	5.862	0.86	1.748	6.603	5.679	0.86	1.882	6.177	5.312	0.86	2.024
27	20	7.384	5.464	0.74	1.793	7.100	5.254	0.74	1.917	6.674	4.939	0.74	2.059
27	22	7.952	4.930	0.62	1.828	7.668	4.754	0.62	1.970	7.242	4.490	0.62	2.095
28	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
28	18	6.816	6.134	0.90	1.748	6.603	5.943	0.90	1.882	6.177	5.559	0.90	2.024
28	20	7.384	5.760	0.78	1.793	7.100	5.538	0.78	1.917	6.674	5.206	0.78	2.059
28	22	7.952	5.248	0.66	1.828	7.668	5.061	0.66	1.970	7.242	4.780	0.66	2.095
30	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
30	18	6.816	6.680	0.98	1.748	6.603	6.471	0.98	1.882	6.177	6.053	0.98	2.024
30	20	7.384	6.350	0.86	1.793	7.100	6.106	0.86	1.917	6.674	5.740	0.86	2.059
30	22	7.952	5.884	0.74	1.828	7.668	5.674	0.74	1.970	7.242	5.359	0.74	2.095
32	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
32	18	6.816	6.816	1.00	1.748	6.603	6.603	1.00	1.882	6.177	6.177	1.00	2.024
32	20	7.384	6.941	0.94	1.793	7.100	6.674	0.94	1.917	6.674	6.274	0.94	2.059
32	22	7.952	6.521	0.82	1.828	7.668	6.288	0.82	1.970	7.242	5.938	0.82	2.095
34	16	6.319	6.319	1.00	1.704	6.035	6.035	1.00	1.828	5.751	5.751	1.00	1.979
34	18	6.816	6.816	1.00	1.748	6.603	6.603	1.00	1.882	6.177	6.177	1.00	2.024
34	20	7.384	7.384	1.00	1.793	7.100	7.100	1.00	1.917	6.674	6.674	1.00	2.059
34	22	7.952	7.157	0.90	1.828	7.668	6.901	0.90	1.970	7.242	6.518	0.90	2.095

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

COOLING CAPACITY
PEAD-M100JA(L)2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	1.809	9.120	6.566	0.72	1.911	8.835	6.361	0.72	2.024
20	18	10.070	6.042	0.60	1.843	9.785	5.871	0.60	1.944	9.453	5.672	0.60	2.080
20	20	10.830	5.198	0.48	1.899	10.593	5.085	0.48	1.990	10.308	4.948	0.48	2.125
22	16	9.405	7.524	0.80	1.809	9.120	7.296	0.80	1.911	8.835	7.068	0.80	2.024
22	18	10.070	6.848	0.68	1.843	9.785	6.654	0.68	1.944	9.453	6.428	0.68	2.080
22	20	10.830	6.065	0.56	1.899	10.593	5.932	0.56	1.990	10.308	5.772	0.56	2.125
24	16	9.405	8.276	0.88	1.809	9.120	8.026	0.88	1.911	8.835	7.775	0.88	2.024
24	18	10.070	7.653	0.76	1.843	9.785	7.437	0.76	1.944	9.453	7.184	0.76	2.080
24	20	10.830	6.931	0.64	1.899	10.593	6.780	0.64	1.990	10.308	6.597	0.64	2.125
24	22	11.543	6.002	0.52	1.944	11.305	5.879	0.52	2.058	11.020	5.730	0.52	2.193
26	16	9.405	9.029	0.96	1.809	9.120	8.755	0.96	1.911	8.835	8.482	0.96	2.024
26	18	10.070	8.459	0.84	1.843	9.785	8.219	0.84	1.944	9.453	7.941	0.84	2.080
26	20	10.830	7.798	0.72	1.899	10.593	7.627	0.72	1.990	10.308	7.422	0.72	2.125
26	22	11.543	6.926	0.60	1.944	11.305	6.783	0.60	2.058	11.020	6.612	0.60	2.193
27	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
27	18	10.070	8.862	0.88	1.843	9.785	8.611	0.88	1.944	9.453	8.319	0.88	2.080
27	20	10.830	8.231	0.76	1.899	10.593	8.051	0.76	1.990	10.308	7.834	0.76	2.125
27	22	11.543	7.388	0.64	1.944	11.305	7.235	0.64	2.058	11.020	7.053	0.64	2.193
28	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
28	18	10.070	9.264	0.92	1.843	9.785	9.002	0.92	1.944	9.453	8.697	0.92	2.080
28	20	10.830	8.664	0.80	1.899	10.593	8.474	0.80	1.990	10.308	8.246	0.80	2.125
28	22	11.543	7.849	0.68	1.944	11.305	7.687	0.68	2.058	11.020	7.494	0.68	2.193
30	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
30	18	10.070	10.070	1.00	1.843	9.785	9.785	1.00	1.944	9.453	9.453	1.00	2.080
30	20	10.830	9.530	0.88	1.899	10.593	9.322	0.88	1.990	10.308	9.071	0.88	2.125
30	22	11.543	8.773	0.76	1.944	11.305	8.592	0.76	2.058	11.020	8.375	0.76	2.193
32	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
32	18	10.070	10.070	1.00	1.843	9.785	9.785	1.00	1.944	9.453	9.453	1.00	2.080
32	20	10.830	10.397	0.96	1.899	10.593	10.169	0.96	1.990	10.308	9.896	0.96	2.125
32	22	11.543	9.696	0.84	1.944	11.305	9.496	0.84	2.058	11.020	9.257	0.84	2.193
34	16	9.405	9.405	1.00	1.809	9.120	9.120	1.00	1.911	8.835	8.835	1.00	2.024
34	18	10.070	10.070	1.00	1.843	9.785	9.785	1.00	1.944	9.453	9.453	1.00	2.080
34	20	10.830	10.830	1.00	1.899	10.593	10.593	1.00	1.990	10.308	10.308	1.00	2.125
34	22	11.543	10.620	0.92	1.944	11.305	10.401	0.92	2.058	11.020	10.138	0.92	2.193

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.171	8.075	5.814	0.72	2.329	7.695	5.540	0.72	2.521
20	18	9.120	5.472	0.60	2.227	8.835	5.301	0.60	2.397	8.265	4.959	0.60	2.578
20	20	9.880	4.742	0.48	2.284	9.500	4.560	0.48	2.442	8.930	4.286	0.48	2.623
22	16	8.455	6.764	0.80	2.171	8.075	6.460	0.80	2.329	7.695	6.156	0.80	2.521
22	18	9.120	6.202	0.68	2.227	8.835	6.008	0.68	2.397	8.265	5.620	0.68	2.578
22	20	9.880	5.533	0.56	2.284	9.500	5.320	0.56	2.442	8.930	5.001	0.56	2.623
24	16	8.455	7.440	0.88	2.171	8.075	7.106	0.88	2.329	7.695	6.772	0.88	2.521
24	18	9.120	6.931	0.76	2.227	8.835	6.715	0.76	2.397	8.265	6.281	0.76	2.578
24	20	9.880	6.323	0.64	2.284	9.500	6.080	0.64	2.442	8.930	5.715	0.64	2.623
24	22	10.640	5.533	0.52	2.329	10.260	5.335	0.52	2.510	9.690	5.039	0.52	2.668
26	16	8.455	8.117	0.96	2.171	8.075	7.752	0.96	2.329	7.695	7.387	0.96	2.521
26	18	9.120	7.661	0.84	2.227	8.835	7.421	0.84	2.397	8.265	6.943	0.84	2.578
26	20	9.880	7.114	0.72	2.284	9.500	6.840	0.72	2.442	8.930	6.430	0.72	2.623
26	22	10.640	6.384	0.60	2.329	10.260	6.156	0.60	2.510	9.690	5.814	0.60	2.668
27	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
27	18	9.120	8.026	0.88	2.227	8.835	7.775	0.88	2.397	8.265	7.273	0.88	2.578
27	20	9.880	7.509	0.76	2.284	9.500	7.220	0.76	2.442	8.930	6.787	0.76	2.623
27	22	10.640	6.810	0.64	2.329	10.260	6.566	0.64	2.510	9.690	6.202	0.64	2.668
28	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
28	18	9.120	8.390	0.92	2.227	8.835	8.128	0.92	2.397	8.265	7.604	0.92	2.578
28	20	9.880	7.904	0.80	2.284	9.500	7.600	0.80	2.442	8.930	7.144	0.80	2.623
28	22	10.640	7.235	0.68	2.329	10.260	6.977	0.68	2.510	9.690	6.589	0.68	2.668
30	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
30	18	9.120	9.120	1.00	2.227	8.835	8.835	1.00	2.397	8.265	8.265	1.00	2.578
30	20	9.880	8.694	0.88	2.284	9.500	8.360	0.88	2.442	8.930	7.858	0.88	2.623
30	22	10.640	8.086	0.76	2.329	10.260	7.798	0.76	2.510	9.690	7.364	0.76	2.668
32	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
32	18	9.120	9.120	1.00	2.227	8.835	8.835	1.00	2.397	8.265	8.265	1.00	2.578
32	20	9.880	9.485	0.96	2.284	9.500	9.120	0.96	2.442	8.930	8.573	0.96	2.623
32	22	10.640	8.938	0.84	2.329	10.260	8.618	0.84	2.510	9.690	8.140	0.84	2.668
34	16	8.455	8.455	1.00	2.171	8.075	8.075	1.00	2.329	7.695	7.695	1.00	2.521
34	18	9.120	9.120	1.00	2.227	8.835	8.835	1.00	2.397	8.265	8.265	1.00	2.578
34	20	9.880	9.880	1.00	2.284	9.500	9.500	1.00	2.442	8.930	8.930	1.00	2.623
34	22	10.640	9.789	0.92	2.329	10.260	9.439	0.92	2.510	9.690	8.915	0.92	2.668

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

COOLING CAPACITY
PEAD-M125JA(L)2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	8.415	0.68	2.666	12.000	8.160	0.68	2.816	11.625	7.905	0.68	2.983
20	18	13.250	7.420	0.56	2.716	12.875	7.210	0.56	2.866	12.438	6.965	0.56	3.066
20	20	14.250	6.270	0.44	2.800	13.938	6.133	0.44	2.933	13.563	5.968	0.44	3.133
22	16	12.375	9.405	0.76	2.666	12.000	9.120	0.76	2.816	11.625	8.835	0.76	2.983
22	18	13.250	8.480	0.64	2.716	12.875	8.240	0.64	2.866	12.438	7.960	0.64	3.066
22	20	14.250	7.410	0.52	2.800	13.938	7.248	0.52	2.933	13.563	7.053	0.52	3.133
24	16	12.375	10.395	0.84	2.666	12.000	10.080	0.84	2.816	11.625	9.765	0.84	2.983
24	18	13.250	9.540	0.72	2.716	12.875	9.270	0.72	2.866	12.438	8.955	0.72	3.066
24	20	14.250	8.550	0.60	2.800	13.938	8.363	0.60	2.933	13.563	8.138	0.60	3.133
24	22	15.188	7.290	0.48	2.866	14.875	7.140	0.48	3.033	14.500	6.960	0.48	3.233
26	16	12.375	11.385	0.92	2.666	12.000	11.040	0.92	2.816	11.625	10.695	0.92	2.983
26	18	13.250	10.600	0.80	2.716	12.875	10.300	0.80	2.866	12.438	9.950	0.80	3.066
26	20	14.250	9.690	0.68	2.800	13.938	9.478	0.68	2.933	13.563	9.223	0.68	3.133
26	22	15.188	8.505	0.56	2.866	14.875	8.330	0.56	3.033	14.500	8.120	0.56	3.233
27	16	12.375	11.880	0.96	2.666	12.000	11.520	0.96	2.816	11.625	11.160	0.96	2.983
27	18	13.250	11.130	0.84	2.716	12.875	10.815	0.84	2.866	12.438	10.448	0.84	3.066
27	20	14.250	10.260	0.72	2.800	13.938	10.035	0.72	2.933	13.563	9.765	0.72	3.133
27	22	15.188	9.113	0.60	2.866	14.875	8.925	0.60	3.033	14.500	8.700	0.60	3.233
28	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
28	18	13.250	11.660	0.88	2.716	12.875	11.330	0.88	2.866	12.438	10.945	0.88	3.066
28	20	14.250	10.830	0.76	2.800	13.938	10.593	0.76	2.933	13.563	10.308	0.76	3.133
28	22	15.188	9.720	0.64	2.866	14.875	9.520	0.64	3.033	14.500	9.280	0.64	3.233
30	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
30	18	13.250	12.720	0.96	2.716	12.875	12.360	0.96	2.866	12.438	11.940	0.96	3.066
30	20	14.250	11.970	0.84	2.800	13.938	11.708	0.84	2.933	13.563	11.393	0.84	3.133
30	22	15.188	10.935	0.72	2.866	14.875	10.710	0.72	3.033	14.500	10.440	0.72	3.233
32	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
32	18	13.250	13.250	1.00	2.716	12.875	12.875	1.00	2.866	12.438	12.438	1.00	3.066
32	20	14.250	13.110	0.92	2.800	13.938	12.823	0.92	2.933	13.563	12.478	0.92	3.133
32	22	15.188	12.150	0.80	2.866	14.875	11.900	0.80	3.033	14.500	11.600	0.80	3.233
34	16	12.375	12.375	1.00	2.666	12.000	12.000	1.00	2.816	11.625	11.625	1.00	2.983
34	18	13.250	13.250	1.00	2.716	12.875	12.875	1.00	2.866	12.438	12.438	1.00	3.066
34	20	14.250	14.250	1.00	2.800	13.938	13.938	1.00	2.933	13.563	13.563	1.00	3.133
34	22	15.188	13.365	0.88	2.866	14.875	13.090	0.88	3.033	14.500	12.760	0.88	3.233

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	7.565	0.68	3.200	10.625	7.225	0.68	3.433	10.125	6.885	0.68	3.716
20	18	12.000	6.720	0.56	3.283	11.625	6.510	0.56	3.533	10.875	6.090	0.56	3.800
20	20	13.000	5.720	0.44	3.366	12.500	5.500	0.44	3.600	11.750	5.170	0.44	3.866
22	16	11.125	8.455	0.76	3.200	10.625	8.075	0.76	3.433	10.125	7.695	0.76	3.716
22	18	12.000	7.680	0.64	3.283	11.625	7.440	0.64	3.533	10.875	6.960	0.64	3.800
22	20	13.000	6.760	0.52	3.366	12.500	6.500	0.52	3.600	11.750	6.110	0.52	3.866
24	16	11.125	9.345	0.84	3.200	10.625	8.925	0.84	3.433	10.125	8.505	0.84	3.716
24	18	12.000	8.640	0.72	3.283	11.625	8.370	0.72	3.533	10.875	7.830	0.72	3.800
24	20	13.000	7.800	0.60	3.366	12.500	7.500	0.60	3.600	11.750	7.050	0.60	3.866
24	22	14.000	6.720	0.48	3.433	13.500	6.480	0.48	3.700	12.750	6.120	0.48	3.933
26	16	11.125	10.235	0.92	3.200	10.625	9.775	0.92	3.433	10.125	9.315	0.92	3.716
26	18	12.000	9.600	0.80	3.283	11.625	9.300	0.80	3.533	10.875	8.700	0.80	3.800
26	20	13.000	8.840	0.68	3.366	12.500	8.500	0.68	3.600	11.750	7.990	0.68	3.866
26	22	14.000	7.840	0.56	3.433	13.500	7.560	0.56	3.700	12.750	7.140	0.56	3.933
27	16	11.125	10.680	0.96	3.200	10.625	10.200	0.96	3.433	10.125	9.720	0.96	3.716
27	18	12.000	10.080	0.84	3.283	11.625	9.765	0.84	3.533	10.875	9.135	0.84	3.800
27	20	13.000	9.360	0.72	3.366	12.500	9.000	0.72	3.600	11.750	8.460	0.72	3.866
27	22	14.000	8.400	0.60	3.433	13.500	8.100	0.60	3.700	12.750	7.650	0.60	3.933
28	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
28	18	12.000	10.560	0.88	3.283	11.625	10.230	0.88	3.533	10.875	9.570	0.88	3.800
28	20	13.000	9.880	0.76	3.366	12.500	9.500	0.76	3.600	11.750	8.930	0.76	3.866
28	22	14.000	8.960	0.64	3.433	13.500	8.640	0.64	3.700	12.750	8.160	0.64	3.933
30	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
30	18	12.000	11.520	0.96	3.283	11.625	11.160	0.96	3.533	10.875	10.440	0.96	3.800
30	20	13.000	10.920	0.84	3.366	12.500	10.500	0.84	3.600	11.750	9.870	0.84	3.866
30	22	14.000	10.080	0.72	3.433	13.500	9.720	0.72	3.700	12.750	9.180	0.72	3.933
32	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
32	18	12.000	12.000	1.00	3.283	11.625	11.625	1.00	3.533	10.875	10.875	1.00	3.800
32	20	13.000	11.960	0.92	3.366	12.500	11.500	0.92	3.600	11.750	10.810	0.92	3.866
32	22	14.000	11.200	0.80	3.433	13.500	10.800	0.80	3.700	12.750	10.200	0.80	3.933
34	16	11.125	11.125	1.00	3.200	10.625	10.625	1.00	3.433	10.125	10.125	1.00	3.716
34	18	12.000	12.000	1.00	3.283	11.625	11.625	1.00	3.533	10.875	10.875	1.00	3.800
34	20	13.000	13.000	1.00	3.366	12.500	12.500	1.00	3.600	11.750	11.750	1.00	3.866
34	22	14.000	12.320	0.88	3.433	13.500	11.880	0.88	3.700	12.750	11.220	0.88	3.933

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

Slim Deluxe

COOLING CAPACITY
PEAD-M140JA(L)2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	2.961	12.864	8.619	0.67	3.127	12.462	8.350	0.67	3.312
20	18	14.204	7.812	0.55	3.016	13.802	7.591	0.55	3.183	13.333	7.333	0.55	3.405
20	20	15.276	6.569	0.43	3.109	14.941	6.425	0.43	3.257	14.539	6.252	0.43	3.479
22	16	13.266	9.950	0.75	2.961	12.864	9.648	0.75	3.127	12.462	9.347	0.75	3.312
22	18	14.204	8.949	0.63	3.016	13.802	8.695	0.63	3.183	13.333	8.400	0.63	3.405
22	20	15.276	7.791	0.51	3.109	14.941	7.620	0.51	3.257	14.539	7.415	0.51	3.479
24	16	13.266	11.011	0.83	2.961	12.864	10.677	0.83	3.127	12.462	10.343	0.83	3.312
24	18	14.204	10.085	0.71	3.016	13.802	9.799	0.71	3.183	13.333	9.466	0.71	3.405
24	20	15.276	9.013	0.59	3.109	14.941	8.815	0.59	3.257	14.539	8.578	0.59	3.479
24	22	16.281	7.652	0.47	3.183	15.946	7.495	0.47	3.368	15.544	7.306	0.47	3.590
26	16	13.266	12.072	0.91	2.961	12.864	11.706	0.91	3.127	12.462	11.340	0.91	3.312
26	18	14.204	11.221	0.79	3.016	13.802	10.904	0.79	3.183	13.333	10.533	0.79	3.405
26	20	15.276	10.235	0.67	3.109	14.941	10.010	0.67	3.257	14.539	9.741	0.67	3.479
26	22	16.281	8.955	0.55	3.183	15.946	8.770	0.55	3.368	15.544	8.549	0.55	3.590
27	16	13.266	12.603	0.95	2.961	12.864	12.221	0.95	3.127	12.462	11.839	0.95	3.312
27	18	14.204	11.789	0.83	3.016	13.802	11.456	0.83	3.183	13.333	11.066	0.83	3.405
27	20	15.276	10.846	0.71	3.109	14.941	10.608	0.71	3.257	14.539	10.323	0.71	3.479
27	22	16.281	9.606	0.59	3.183	15.946	9.408	0.59	3.368	15.544	9.171	0.59	3.590
28	16	13.266	13.133	0.99	2.961	12.864	12.735	0.99	3.127	12.462	12.337	0.99	3.312
28	18	14.204	12.357	0.87	3.016	13.802	12.008	0.87	3.183	13.333	11.600	0.87	3.405
28	20	15.276	11.457	0.75	3.109	14.941	11.206	0.75	3.257	14.539	10.904	0.75	3.479
28	22	16.281	10.257	0.63	3.183	15.946	10.046	0.63	3.368	15.544	9.793	0.63	3.590
30	16	13.266	13.266	1.00	2.961	12.864	12.864	1.00	3.127	12.462	12.462	1.00	3.312
30	18	14.204	13.494	0.95	3.016	13.802	13.112	0.95	3.183	13.333	12.666	0.95	3.405
30	20	15.276	12.679	0.83	3.109	14.941	12.401	0.83	3.257	14.539	12.067	0.83	3.479
30	22	16.281	11.560	0.71	3.183	15.946	11.322	0.71	3.368	15.544	11.036	0.71	3.590
32	16	13.266	13.266	1.00	2.961	12.864	12.864	1.00	3.127	12.462	12.462	1.00	3.312
32	18	14.204	14.204	1.00	3.016	13.802	13.802	1.00	3.183	13.333	13.333	1.00	3.405
32	20	15.276	13.901	0.91	3.109	14.941	13.596	0.91	3.257	14.539	13.230	0.91	3.479
32	22	16.281	12.862	0.79	3.183	15.946	12.597	0.79	3.368	15.544	12.280	0.79	3.590
34	16	13.266	13.266	1.00	2.961	12.864	12.864	1.00	3.127	12.462	12.462	1.00	3.312
34	18	14.204	14.204	1.00	3.016	13.802	13.802	1.00	3.183	13.333	13.333	1.00	3.405
34	20	15.276	15.123	0.99	3.109	14.941	14.792	0.99	3.257	14.539	14.394	0.99	3.479
34	22	16.281	14.164	0.87	3.183	15.946	13.873	0.87	3.368	15.544	13.523	0.87	3.590

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	3.553	11.390	7.631	0.67	3.812	10.854	7.272	0.67	4.127
20	18	12.864	7.075	0.55	3.645	12.462	6.854	0.55	3.923	11.658	6.412	0.55	4.219
20	20	13.936	5.992	0.43	3.738	13.400	5.762	0.43	3.997	12.596	5.416	0.43	4.293
22	16	11.926	8.945	0.75	3.553	11.390	8.543	0.75	3.812	10.854	8.141	0.75	4.127
22	18	12.864	8.104	0.63	3.645	12.462	7.851	0.63	3.923	11.658	7.345	0.63	4.219
22	20	13.936	7.107	0.51	3.738	13.400	6.834	0.51	3.997	12.596	6.424	0.51	4.293
24	16	11.926	9.899	0.83	3.553	11.390	9.454	0.83	3.812	10.854	9.009	0.83	4.127
24	18	12.864	9.133	0.71	3.645	12.462	8.848	0.71	3.923	11.658	8.277	0.71	4.219
24	20	13.936	8.222	0.59	3.738	13.400	7.906	0.59	3.997	12.596	7.432	0.59	4.293
24	22	15.008	7.054	0.47	3.812	14.472	6.802	0.47	4.108	13.668	6.424	0.47	4.367
26	16	11.926	10.853	0.91	3.553	11.390	10.365	0.91	3.812	10.854	9.877	0.91	4.127
26	18	12.864	10.163	0.79	3.645	12.462	9.845	0.79	3.923	11.658	9.210	0.79	4.219
26	20	13.936	9.337	0.67	3.738	13.400	8.978	0.67	3.997	12.596	8.439	0.67	4.293
26	22	15.008	8.254	0.55	3.812	14.472	7.960	0.55	4.108	13.668	7.517	0.55	4.367
27	16	11.926	11.330	0.95	3.553	11.390	10.821	0.95	3.812	10.854	10.311	0.95	4.127
27	18	12.864	10.677	0.83	3.645	12.462	10.343	0.83	3.923	11.658	9.676	0.83	4.219
27	20	13.936	9.895	0.71	3.738	13.400	9.514	0.71	3.997	12.596	8.943	0.71	4.293
27	22	15.008	8.855	0.59	3.812	14.472	8.538	0.59	4.108	13.668	8.064	0.59	4.367
28	16	11.926	11.807	0.99	3.553	11.390	11.276	0.99	3.812	10.854	10.745	0.99	4.127
28	18	12.864	11.192	0.87	3.645	12.462	10.842	0.87	3.923	11.658	10.142	0.87	4.219
28	20	13.936	10.452	0.75	3.738	13.400	10.050	0.75	3.997	12.596	9.447	0.75	4.293
28	22	15.008	9.455	0.63	3.812	14.472	9.117	0.63	4.108	13.668	8.611	0.63	4.367
30	16	11.926	11.926	1.00	3.553	11.390	11.390	1.00	3.812	10.854	10.854	1.00	4.127
30	18	12.864	12.221	0.95	3.645	12.462	11.839	0.95	3.923	11.658	11.075	0.95	4.219
30	20	13.936	11.567	0.83	3.738	13.400	11.122	0.83	3.997	12.596	10.455	0.83	4.293
30	22	15.008	10.656	0.71	3.812	14.472	10.275	0.71	4.108	13.668	9.704	0.71	4.367
32	16	11.926	11.926	1.00	3.553	11.390	11.390	1.00	3.812	10.854	10.854	1.00	4.127
32	18	12.864	12.864	1.00	3.645	12.462	12.462	1.00	3.923	11.658	11.658	1.00	4.219
32	20	13.936	12.682	0.91	3.738	13.400	12.194	0.91	3.997	12.596	11.462	0.91	4.293
32	22	15.008	11.856	0.79	3.812	14.472	11.433	0.79	4.108	13.668	10.798	0.79	4.367
34	16	11.926	11.926	1.00	3.553	11.390	11.390	1.00	3.812	10.854	10.854	1.00	4.127
34	18	12.864	12.864	1.00	3.645	12.462	12.462	1.00	3.923	11.658	11.658	1.00	4.219
34	20	13.936	13.797	0.99	3.738	13.400	13.266	0.99	3.997	12.596	12.470	0.99	4.293
34	22	15.008	13.057	0.87	3.812	14.472	12.591	0.87	4.108	13.668	11.891	0.87	4.367

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

COOLING CAPACITY
PEA-M200LA2 / PUZ-ZM200YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	18.810	13.167	0.70	4.606	18.240	12.768	0.70	4.865	17.670	12.369	0.70	5.153
20	18	20.140	11.681	0.58	4.692	19.570	11.351	0.58	4.951	18.905	10.965	0.58	5.296
20	20	21.660	9.964	0.46	4.836	21.185	9.745	0.46	5.066	20.615	9.483	0.46	5.412
22	16	18.810	14.672	0.78	4.606	18.240	14.227	0.78	4.865	17.670	13.783	0.78	5.153
22	18	20.140	13.292	0.66	4.692	19.570	12.916	0.66	4.951	18.905	12.477	0.66	5.296
22	20	21.660	11.696	0.54	4.836	21.185	11.440	0.54	5.066	20.615	11.132	0.54	5.412
24	16	18.810	16.177	0.86	4.606	18.240	15.686	0.86	4.865	17.670	15.196	0.86	5.153
24	18	20.140	14.904	0.74	4.692	19.570	14.482	0.74	4.951	18.905	13.990	0.74	5.296
24	20	21.660	13.429	0.62	4.836	21.185	13.135	0.62	5.066	20.615	12.781	0.62	5.412
24	22	23.085	11.543	0.50	4.951	22.610	11.305	0.50	5.239	22.040	11.020	0.50	5.584
26	16	18.810	17.681	0.94	4.606	18.240	17.146	0.94	4.865	17.670	16.610	0.94	5.153
26	18	20.140	16.515	0.82	4.692	19.570	16.047	0.82	4.951	18.905	15.502	0.82	5.296
26	20	21.660	15.162	0.70	4.836	21.185	14.830	0.70	5.066	20.615	14.431	0.70	5.412
26	22	23.085	13.389	0.58	4.951	22.610	13.114	0.58	5.239	22.040	12.783	0.58	5.584
27	16	18.810	18.434	0.98	4.606	18.240	17.875	0.98	4.865	17.670	17.317	0.98	5.153
27	18	20.140	17.320	0.86	4.692	19.570	16.830	0.86	4.951	18.905	16.258	0.86	5.296
27	20	21.660	16.028	0.74	4.836	21.185	15.677	0.74	5.066	20.615	15.255	0.74	5.412
27	22	23.085	14.313	0.62	4.951	22.610	14.018	0.62	5.239	22.040	13.665	0.62	5.584
28	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
28	18	20.140	18.126	0.90	4.692	19.570	17.613	0.90	4.951	18.905	17.015	0.90	5.296
28	20	21.660	16.895	0.78	4.836	21.185	16.524	0.78	5.066	20.615	16.080	0.78	5.412
28	22	23.085	15.236	0.66	4.951	22.610	14.923	0.66	5.239	22.040	14.546	0.66	5.584
30	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
30	18	20.140	19.737	0.98	4.692	19.570	19.179	0.98	4.951	18.905	18.527	0.98	5.296
30	20	21.660	18.628	0.86	4.836	21.185	18.219	0.86	5.066	20.615	17.729	0.86	5.412
30	22	23.085	17.083	0.74	4.951	22.610	16.731	0.74	5.239	22.040	16.310	0.74	5.584
32	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
32	18	20.140	20.140	1.00	4.692	19.570	19.570	1.00	4.951	18.905	18.905	1.00	5.296
32	20	21.660	20.360	0.94	4.836	21.185	19.914	0.94	5.066	20.615	19.378	0.94	5.412
32	22	23.085	18.930	0.82	4.951	22.610	18.540	0.82	5.239	22.040	18.073	0.82	5.584
34	16	18.810	18.810	1.00	4.606	18.240	18.240	1.00	4.865	17.670	17.670	1.00	5.153
34	18	20.140	20.140	1.00	4.692	19.570	19.570	1.00	4.951	18.905	18.905	1.00	5.296
34	20	21.660	21.660	1.00	4.836	21.185	21.185	1.00	5.066	20.615	20.615	1.00	5.412
34	22	23.085	20.777	0.90	4.951	22.610	20.349	0.90	5.239	22.040	19.836	0.90	5.584

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	16.910	11.837	0.70	5.527	16.150	11.305	0.70	5.930	15.390	10.773	0.70	6.419
20	18	18.240	10.579	0.58	5.671	17.670	10.249	0.58	6.102	16.530	9.587	0.58	6.563
20	20	19.760	9.090	0.46	5.815	19.000	8.740	0.46	6.218	17.860	8.216	0.46	6.678
22	16	16.910	13.190	0.78	5.527	16.150	12.597	0.78	5.930	15.390	12.004	0.78	6.419
22	18	18.240	12.038	0.66	5.671	17.670	11.662	0.66	6.102	16.530	10.910	0.66	6.563
22	20	19.760	10.670	0.54	5.815	19.000	10.260	0.54	6.218	17.860	9.644	0.54	6.678
24	16	16.910	14.543	0.86	5.527	16.150	13.889	0.86	5.930	15.390	13.235	0.86	6.419
24	18	18.240	13.498	0.74	5.671	17.670	13.076	0.74	6.102	16.530	12.232	0.74	6.563
24	20	19.760	12.251	0.62	5.815	19.000	11.780	0.62	6.218	17.860	11.073	0.62	6.678
24	22	21.280	10.640	0.50	5.930	20.520	10.260	0.50	6.390	19.380	9.690	0.50	6.793
26	16	16.910	15.895	0.94	5.527	16.150	15.181	0.94	5.930	15.390	14.467	0.94	6.419
26	18	18.240	14.957	0.82	5.671	17.670	14.489	0.82	6.102	16.530	13.555	0.82	6.563
26	20	19.760	13.832	0.70	5.815	19.000	13.300	0.70	6.218	17.860	12.502	0.70	6.678
26	22	21.280	12.342	0.58	5.930	20.520	11.902	0.58	6.390	19.380	11.240	0.58	6.793
27	16	16.910	16.572	0.98	5.527	16.150	15.827	0.98	5.930	15.390	15.082	0.98	6.419
27	18	18.240	15.686	0.86	5.671	17.670	15.196	0.86	6.102	16.530	14.216	0.86	6.563
27	20	19.760	14.622	0.74	5.815	19.000	14.060	0.74	6.218	17.860	13.216	0.74	6.678
27	22	21.280	13.194	0.62	5.930	20.520	12.722	0.62	6.390	19.380	12.016	0.62	6.793
28	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
28	18	18.240	16.416	0.90	5.671	17.670	15.903	0.90	6.102	16.530	14.877	0.90	6.563
28	20	19.760	15.413	0.78	5.815	19.000	14.820	0.78	6.218	17.860	13.931	0.78	6.678
28	22	21.280	14.045	0.66	5.930	20.520	13.543	0.66	6.390	19.380	12.791	0.66	6.793
30	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
30	18	18.240	17.875	0.98	5.671	17.670	17.317	0.98	6.102	16.530	16.199	0.98	6.563
30	20	19.760	16.994	0.86	5.815	19.000	16.340	0.86	6.218	17.860	15.360	0.86	6.678
30	22	21.280	15.747	0.74	5.930	20.520	15.185	0.74	6.390	19.380	14.341	0.74	6.793
32	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
32	18	18.240	18.240	1.00	5.671	17.670	17.670	1.00	6.102	16.530	16.530	1.00	6.563
32	20	19.760	18.574	0.94	5.815	19.000	17.860	0.94	6.218	17.860	16.788	0.94	6.678
32	22	21.280	17.450	0.82	5.930	20.520	16.826	0.82	6.390	19.380	15.892	0.82	6.793
34	16	16.910	16.910	1.00	5.527	16.150	16.150	1.00	5.930	15.390	15.390	1.00	6.419
34	18	18.240	18.240	1.00	5.671	17.670	17.670	1.00	6.102	16.530	16.530	1.00	6.563
34	20	19.760	19.760	1.00	5.815	19.000	19.000	1.00	6.218	17.860	17.860	1.00	6.678
34	22	21.280	19.152	0.90	5.930	20.520	18.468	0.90	6.390	19.380	17.442	0.90	6.793

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

COOLING CAPACITY
PEA-M250LA2 / PUZ-ZM250YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	21.780	15.028	0.69	5.770	21.120	14.573	0.69	6.095	20.460	14.117	0.69	6.456
20	18	23.320	13.292	0.57	5.879	22.660	12.916	0.57	6.203	21.890	12.477	0.57	6.636
20	20	25.080	11.286	0.45	6.059	24.530	11.039	0.45	6.347	23.870	10.742	0.45	6.780
22	16	21.780	16.771	0.77	5.770	21.120	16.262	0.77	6.095	20.460	15.754	0.77	6.456
22	18	23.320	15.158	0.65	5.879	22.660	14.729	0.65	6.203	21.890	14.229	0.65	6.636
22	20	25.080	13.292	0.53	6.059	24.530	13.001	0.53	6.347	23.870	12.651	0.53	6.780
24	16	21.780	18.513	0.85	5.770	21.120	17.952	0.85	6.095	20.460	17.391	0.85	6.456
24	18	23.320	17.024	0.73	5.879	22.660	16.542	0.73	6.203	21.890	15.980	0.73	6.636
24	20	25.080	15.299	0.61	6.059	24.530	14.963	0.61	6.347	23.870	14.561	0.61	6.780
24	22	26.730	13.098	0.49	6.203	26.180	12.828	0.49	6.564	25.520	12.505	0.49	6.997
26	16	21.780	20.255	0.93	5.770	21.120	19.642	0.93	6.095	20.460	19.028	0.93	6.456
26	18	23.320	18.889	0.81	5.879	22.660	18.355	0.81	6.203	21.890	17.731	0.81	6.636
26	20	25.080	17.305	0.69	6.059	24.530	16.926	0.69	6.347	23.870	16.470	0.69	6.780
26	22	26.730	15.236	0.57	6.203	26.180	14.923	0.57	6.564	25.520	14.546	0.57	6.997
27	16	21.780	21.127	0.97	5.770	21.120	20.486	0.97	6.095	20.460	19.846	0.97	6.456
27	18	23.320	19.822	0.85	5.879	22.660	19.261	0.85	6.203	21.890	18.607	0.85	6.636
27	20	25.080	18.308	0.73	6.059	24.530	17.907	0.73	6.347	23.870	17.425	0.73	6.780
27	22	26.730	16.305	0.61	6.203	26.180	15.970	0.61	6.564	25.520	15.567	0.61	6.997
28	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
28	18	23.320	20.755	0.89	5.879	22.660	20.167	0.89	6.203	21.890	19.482	0.89	6.636
28	20	25.080	19.312	0.77	6.059	24.530	18.888	0.77	6.347	23.870	18.380	0.77	6.780
28	22	26.730	17.375	0.65	6.203	26.180	17.017	0.65	6.564	25.520	16.588	0.65	6.997
30	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
30	18	23.320	22.620	0.97	5.879	22.660	21.980	0.97	6.203	21.890	21.233	0.97	6.636
30	20	25.080	21.318	0.85	6.059	24.530	20.851	0.85	6.347	23.870	20.290	0.85	6.780
30	22	26.730	19.513	0.73	6.203	26.180	19.111	0.73	6.564	25.520	18.630	0.73	6.997
32	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
32	18	23.320	23.320	1.00	5.879	22.660	22.660	1.00	6.203	21.890	21.890	1.00	6.636
32	20	25.080	23.324	0.93	6.059	24.530	22.813	0.93	6.347	23.870	22.199	0.93	6.780
32	22	26.730	21.651	0.81	6.203	26.180	21.206	0.81	6.564	25.520	20.671	0.81	6.997
34	16	21.780	21.780	1.00	5.770	21.120	21.120	1.00	6.095	20.460	20.460	1.00	6.456
34	18	23.320	23.320	1.00	5.879	22.660	22.660	1.00	6.203	21.890	21.890	1.00	6.636
34	20	25.080	25.080	1.00	6.059	24.530	24.530	1.00	6.347	23.870	23.870	1.00	6.780
34	22	26.730	23.790	0.89	6.203	26.180	23.300	0.89	6.564	25.520	22.713	0.89	6.997

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	19.580	13.510	0.69	6.924	18.700	12.903	0.69	7.429	17.820	12.296	0.69	8.042
20	18	21.120	12.038	0.57	7.105	20.460	11.662	0.57	7.646	19.140	10.910	0.57	8.223
20	20	22.880	10.296	0.45	7.285	22.000	9.900	0.45	7.790	20.680	9.306	0.45	8.367
22	16	19.580	15.077	0.77	6.924	18.700	14.399	0.77	7.429	17.820	13.721	0.77	8.042
22	18	21.120	13.728	0.65	7.105	20.460	13.299	0.65	7.646	19.140	12.441	0.65	8.223
22	20	22.880	12.126	0.53	7.285	22.000	11.660	0.53	7.790	20.680	10.960	0.53	8.367
24	16	19.580	16.643	0.85	6.924	18.700	15.895	0.85	7.429	17.820	15.147	0.85	8.042
24	18	21.120	15.418	0.73	7.105	20.460	14.936	0.73	7.646	19.140	13.972	0.73	8.223
24	20	22.880	13.957	0.61	7.285	22.000	13.420	0.61	7.790	20.680	12.615	0.61	8.367
24	22	24.640	12.074	0.49	7.429	23.760	11.642	0.49	8.006	22.440	10.996	0.49	8.511
26	16	19.580	18.209	0.93	6.924	18.700	17.391	0.93	7.429	17.820	16.573	0.93	8.042
26	18	21.120	17.107	0.81	7.105	20.460	16.573	0.81	7.646	19.140	15.503	0.81	8.223
26	20	22.880	15.787	0.69	7.285	22.000	15.180	0.69	7.790	20.680	14.269	0.69	8.367
26	22	24.640	14.045	0.57	7.429	23.760	13.543	0.57	8.006	22.440	12.791	0.57	8.511
27	16	19.580	18.993	0.97	6.924	18.700	18.139	0.97	7.429	17.820	17.285	0.97	8.042
27	18	21.120	17.952	0.85	7.105	20.460	17.391	0.85	7.646	19.140	16.269	0.85	8.223
27	20	22.880	16.702	0.73	7.285	22.000	16.060	0.73	7.790	20.680	15.096	0.73	8.367
27	22	24.640	15.030	0.61	7.429	23.760	14.494	0.61	8.006	22.440	13.688	0.61	8.511
28	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
28	18	21.120	18.797	0.89	7.105	20.460	18.209	0.89	7.646	19.140	17.035	0.89	8.223
28	20	22.880	17.618	0.77	7.285	22.000	16.940	0.77	7.790	20.680	15.924	0.77	8.367
28	22	24.640	16.016	0.65	7.429	23.760	15.444	0.65	8.006	22.440	14.586	0.65	8.511
30	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
30	18	21.120	20.486	0.97	7.105	20.460	19.846	0.97	7.646	19.140	18.566	0.97	8.223
30	20	22.880	19.448	0.85	7.285	22.000	18.700	0.85	7.790	20.680	17.578	0.85	8.367
30	22	24.640	17.987	0.73	7.429	23.760	17.345	0.73	8.006	22.440	16.381	0.73	8.511
32	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
32	18	21.120	21.120	1.00	7.105	20.460	20.460	1.00	7.646	19.140	19.140	1.00	8.223
32	20	22.880	21.278	0.93	7.285	22.000	20.460	0.93	7.790	20.680	19.232	0.93	8.367
32	22	24.640	19.958	0.81	7.429	23.760	19.246	0.81	8.006	22.440	18.176	0.81	8.511
34	16	19.580	19.580	1.00	6.924	18.700	18.700	1.00	7.429	17.820	17.820	1.00	8.042
34	18	21.120	21.120	1.00	7.105	20.460	20.460	1.00	7.646	19.140	19.140	1.00	8.223
34	20	22.880	22.880	1.00	7.285	22.000	22.000	1.00	7.790	20.680	20.680	1.00	8.367
34	22	24.640	21.930	0.89	7.429	23.760	21.146	0.89	8.006	22.440	19.972	0.89	8.511

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

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-M35VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.834	0.67	0.738	4.050	2.714	0.67	0.775	3.888	2.605	0.67	0.812	3.744	2.508	0.67	0.849
21	20	4.410	2.426	0.55	0.775	4.230	2.327	0.55	0.821	4.104	2.257	0.55	0.840	3.960	2.178	0.55	0.877
22	18	4.230	3.003	0.71	0.738	4.050	2.876	0.71	0.775	3.888	2.760	0.71	0.812	3.744	2.658	0.71	0.849
22	20	4.410	2.602	0.59	0.775	4.230	2.496	0.59	0.821	4.104	2.421	0.59	0.840	3.960	2.336	0.59	0.877
22	22	4.590	2.157	0.47	0.803	4.428	2.081	0.47	0.854	4.320	2.030	0.47	0.877	4.140	1.946	0.47	0.914
23	18	4.230	3.173	0.75	0.738	4.050	3.038	0.75	0.775	3.888	2.916	0.75	0.812	3.744	2.808	0.75	0.849
23	20	4.410	2.778	0.63	0.775	4.230	2.665	0.63	0.821	4.104	2.586	0.63	0.840	3.960	2.495	0.63	0.877
23	22	4.590	2.341	0.51	0.803	4.428	2.258	0.51	0.854	4.320	2.203	0.51	0.877	4.140	2.111	0.51	0.914
24	18	4.230	3.342	0.79	0.738	4.050	3.200	0.79	0.775	3.888	3.072	0.79	0.812	3.744	2.958	0.79	0.849
24	20	4.410	2.955	0.67	0.775	4.230	2.834	0.67	0.821	4.104	2.750	0.67	0.840	3.960	2.653	0.67	0.877
24	22	4.590	2.525	0.55	0.803	4.428	2.435	0.55	0.854	4.320	2.376	0.55	0.877	4.140	2.277	0.55	0.914
24	24	4.824	2.074	0.43	0.840	4.644	1.997	0.43	0.886	4.536	1.950	0.43	0.914	4.392	1.889	0.43	0.960
25	20	4.410	3.131	0.71	0.775	4.230	3.003	0.71	0.821	4.104	2.914	0.71	0.840	3.960	2.812	0.71	0.877
25	22	4.590	2.708	0.59	0.803	4.428	2.613	0.59	0.854	4.320	2.549	0.59	0.877	4.140	2.443	0.59	0.914
25	24	4.824	2.267	0.47	0.840	4.644	2.183	0.47	0.886	4.536	2.132	0.47	0.914	4.392	2.064	0.47	0.960
26	18	4.230	3.680	0.87	0.738	4.050	3.524	0.87	0.775	3.888	3.383	0.87	0.812	3.744	3.257	0.87	0.849
26	20	4.410	3.308	0.75	0.775	4.230	3.173	0.75	0.821	4.104	3.078	0.75	0.840	3.960	2.970	0.75	0.877
26	22	4.590	2.892	0.63	0.803	4.428	2.790	0.63	0.854	4.320	2.722	0.63	0.877	4.140	2.608	0.63	0.914
26	24	4.824	2.460	0.51	0.840	4.644	2.368	0.51	0.886	4.536	2.313	0.51	0.914	4.392	2.240	0.51	0.960
26	26	4.968	1.938	0.39	0.886	4.824	1.881	0.39	0.932	4.752	1.853	0.39	0.960	4.608	1.797	0.39	0.988
27	18	4.230	3.849	0.91	0.738	4.050	3.686	0.91	0.775	3.888	3.538	0.91	0.812	3.744	3.407	0.91	0.849
27	20	4.410	3.484	0.79	0.775	4.230	3.342	0.79	0.821	4.104	3.242	0.79	0.840	3.960	3.128	0.79	0.877
27	22	4.590	3.075	0.67	0.803	4.428	2.967	0.67	0.854	4.320	2.894	0.67	0.877	4.140	2.774	0.67	0.914
27	24	4.824	2.653	0.55	0.840	4.644	2.554	0.55	0.886	4.536	2.495	0.55	0.914	4.392	2.416	0.55	0.960
27	26	4.968	2.136	0.43	0.886	4.824	2.074	0.43	0.932	4.752	2.043	0.43	0.960	4.608	1.981	0.43	0.988
28	18	4.230	4.019	0.95	0.738	4.050	3.848	0.95	0.775	3.888	3.694	0.95	0.812	3.744	3.557	0.95	0.849
28	20	4.410	3.660	0.83	0.775	4.230	3.511	0.83	0.821	4.104	3.406	0.83	0.840	3.960	3.287	0.83	0.877
28	22	4.590	3.259	0.71	0.803	4.428	3.144	0.71	0.854	4.320	3.067	0.71	0.877	4.140	2.939	0.71	0.914
28	24	4.824	2.846	0.59	0.840	4.644	2.740	0.59	0.886	4.536	2.676	0.59	0.914	4.392	2.591	0.59	0.960
28	26	4.968	2.335	0.47	0.886	4.824	2.267	0.47	0.932	4.752	2.233	0.47	0.960	4.608	2.166	0.47	0.988
29	18	4.230	4.188	0.99	0.738	4.050	4.010	0.99	0.775	3.888	3.849	0.99	0.812	3.744	3.707	0.99	0.849
29	20	4.410	3.837	0.87	0.775	4.230	3.680	0.87	0.821	4.104	3.570	0.87	0.840	3.960	3.445	0.87	0.877
29	22	4.590	3.443	0.75	0.803	4.428	3.321	0.75	0.854	4.320	3.240	0.75	0.877	4.140	3.105	0.75	0.914
29	24	4.824	3.039	0.63	0.840	4.644	2.926	0.63	0.886	4.536	2.858	0.63	0.914	4.392	2.767	0.63	0.960
29	26	4.968	2.534	0.51	0.886	4.824	2.460	0.51	0.932	4.752	2.424	0.51	0.960	4.608	2.350	0.51	0.988
30	18	4.230	4.230	1.00	0.738	4.050	4.050	1.00	0.775	3.888	3.888	1.00	0.812	3.744	3.744	1.00	0.849
30	20	4.410	4.013	0.91	0.775	4.230	3.849	0.91	0.821	4.104	3.735	0.91	0.840	3.960	3.604	0.91	0.877
30	22	4.590	3.626	0.79	0.803	4.428	3.498	0.79	0.854	4.320	3.413	0.79	0.877	4.140	3.271	0.79	0.914
30	24	4.824	3.232	0.67	0.840	4.644	3.111	0.67	0.886	4.536	3.039	0.67	0.914	4.392	2.943	0.67	0.960
30	26	4.968	2.732	0.55	0.886	4.824	2.653	0.55	0.932	4.752	2.614	0.55	0.960	4.608	2.534	0.55	0.988
31	18	4.230	4.230	1.00	0.738	4.050	4.050	1.00	0.775	3.888	3.888	1.00	0.812	3.744	3.744	1.00	0.849
31	20	4.410	4.190	0.95	0.775	4.230	4.019	0.95	0.821	4.104	3.899	0.95	0.840	3.960	3.762	0.95	0.877
31	22	4.590	3.810	0.83	0.803	4.428	3.675	0.83	0.854	4.320	3.586	0.83	0.877	4.140	3.436	0.83	0.914
31	24	4.824	3.425	0.71	0.840	4.644	3.297	0.71	0.886	4.536	3.221	0.71	0.914	4.392	3.118	0.71	0.960
31	26	4.968	2.931	0.59	0.886	4.824	2.846	0.59	0.932	4.752	2.804	0.59	0.960	4.608	2.719	0.59	0.988
32	18	4.230	4.230	1.00	0.738	4.050	4.050	1.00	0.775	3.888	3.888	1.00	0.812	3.744	3.744	1.00	0.849
32	20	4.410	4.366	0.99	0.775	4.230	4.188	0.99	0.821	4.104	4.063	0.99	0.840	3.960	3.920	0.99	0.877
32	22	4.590	3.993	0.87	0.803	4.428	3.852	0.87	0.854	4.320	3.758	0.87	0.877	4.140	3.602	0.87	0.914
32	24	4.824	3.618	0.75	0.840	4.644	3.483	0.75	0.886	4.536	3.402	0.75	0.914	4.392	3.294	0.75	0.960
32	26	4.968	3.130	0.63	0.886	4.824	3.039	0.63	0.932	4.752	2.994	0.63	0.960	4.608	2.903	0.63	0.988

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

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-M35VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA (kW)	SHC (kW)	SHF	P.C. (kW)	40 CA (kW)	SHC (kW)	SHF	P.C. (kW)	46 CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	0.905	3.240	2.171	0.67	0.960	2.988	2.002	0.67	0.997
21	20	3.708	2.039	0.55	0.941	3.456	1.901	0.55	0.988	3.204	1.762	0.55	1.043
22	18	3.528	2.505	0.71	0.905	3.240	2.300	0.71	0.960	2.988	2.121	0.71	0.997
22	20	3.708	2.188	0.59	0.941	3.456	2.039	0.59	0.988	3.204	1.890	0.59	1.043
22	22	3.924	1.844	0.47	0.978	3.672	1.726	0.47	1.034	3.420	1.607	0.47	1.071
23	18	3.528	2.646	0.75	0.905	3.240	2.430	0.75	0.960	2.988	2.241	0.75	0.997
23	20	3.708	2.336	0.63	0.941	3.456	2.177	0.63	0.988	3.204	2.019	0.63	1.043
23	22	3.924	2.001	0.51	0.978	3.672	1.873	0.51	1.034	3.420	1.744	0.51	1.071
24	18	3.528	2.787	0.79	0.905	3.240	2.560	0.79	0.960	2.988	2.361	0.79	0.997
24	20	3.708	2.484	0.67	0.941	3.456	2.316	0.67	0.988	3.204	2.147	0.67	1.043
24	22	3.924	2.158	0.55	0.978	3.672	2.020	0.55	1.034	3.420	1.881	0.55	1.071
24	24	4.140	1.780	0.43	1.015	3.888	1.672	0.43	1.061	3.672	1.579	0.43	1.108
25	20	3.708	2.633	0.71	0.941	3.456	2.454	0.71	0.988	3.204	2.275	0.71	1.043
25	22	3.924	2.315	0.59	0.978	3.672	2.166	0.59	1.034	3.420	2.018	0.59	1.071
25	24	4.140	1.946	0.47	1.015	3.888	1.827	0.47	1.061	3.672	1.726	0.47	1.108
26	18	3.528	3.069	0.87	0.905	3.240	2.819	0.87	0.960	2.988	2.600	0.87	0.997
26	20	3.708	2.781	0.75	0.941	3.456	2.592	0.75	0.988	3.204	2.403	0.75	1.043
26	22	3.924	2.472	0.63	0.978	3.672	2.313	0.63	1.034	3.420	2.155	0.63	1.071
26	24	4.140	2.111	0.51	1.015	3.888	1.983	0.51	1.061	3.672	1.873	0.51	1.108
26	26	4.356	1.699	0.39	1.052	4.104	1.601	0.39	1.098	3.852	1.502	0.39	1.145
27	18	3.528	3.210	0.91	0.905	3.240	2.948	0.91	0.960	2.988	2.719	0.91	0.997
27	20	3.708	2.929	0.79	0.941	3.456	2.730	0.79	0.988	3.204	2.531	0.79	1.043
27	22	3.924	2.629	0.67	0.978	3.672	2.460	0.67	1.034	3.420	2.291	0.67	1.071
27	24	4.140	2.277	0.55	1.015	3.888	2.138	0.55	1.061	3.672	2.020	0.55	1.108
27	26	4.356	1.873	0.43	1.052	4.104	1.765	0.43	1.098	3.852	1.656	0.43	1.145
28	18	3.528	3.352	0.95	0.905	3.240	3.078	0.95	0.960	2.988	2.839	0.95	0.997
28	20	3.708	3.078	0.83	0.941	3.456	2.868	0.83	0.988	3.204	2.659	0.83	1.043
28	22	3.924	2.786	0.71	0.978	3.672	2.607	0.71	1.034	3.420	2.428	0.71	1.071
28	24	4.140	2.443	0.59	1.015	3.888	2.294	0.59	1.061	3.672	2.166	0.59	1.108
28	26	4.356	2.047	0.47	1.052	4.104	1.929	0.47	1.098	3.852	1.810	0.47	1.145
29	18	3.528	3.493	0.99	0.905	3.240	3.208	0.99	0.960	2.988	2.958	0.99	0.997
29	20	3.708	3.226	0.87	0.941	3.456	3.007	0.87	0.988	3.204	2.787	0.87	1.043
29	22	3.924	2.943	0.75	0.978	3.672	2.754	0.75	1.034	3.420	2.565	0.75	1.071
29	24	4.140	2.608	0.63	1.015	3.888	2.449	0.63	1.061	3.672	2.313	0.63	1.108
29	26	4.356	2.222	0.51	1.052	4.104	2.093	0.51	1.098	3.852	1.965	0.51	1.145
30	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
30	20	3.708	3.374	0.91	0.941	3.456	3.145	0.91	0.988	3.204	2.916	0.91	1.043
30	22	3.924	3.100	0.79	0.978	3.672	2.901	0.79	1.034	3.420	2.702	0.79	1.071
30	24	4.140	2.774	0.67	1.015	3.888	2.605	0.67	1.061	3.672	2.460	0.67	1.108
30	26	4.356	2.396	0.55	1.052	4.104	2.257	0.55	1.098	3.852	2.119	0.55	1.145
31	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
31	20	3.708	3.523	0.95	0.941	3.456	3.283	0.95	0.988	3.204	3.044	0.95	1.043
31	22	3.924	3.257	0.83	0.978	3.672	3.048	0.83	1.034	3.420	2.839	0.83	1.071
31	24	4.140	2.939	0.71	1.015	3.888	2.760	0.71	1.061	3.672	2.607	0.71	1.108
31	26	4.356	2.570	0.59	1.052	4.104	2.421	0.59	1.098	3.852	2.273	0.59	1.145
32	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
32	20	3.708	3.671	0.99	0.941	3.456	3.421	0.99	0.988	3.204	3.172	0.99	1.043
32	22	3.924	3.414	0.87	0.978	3.672	3.195	0.87	1.034	3.420	2.975	0.87	1.071
32	24	4.140	3.105	0.75	1.015	3.888	2.916	0.75	1.061	3.672	2.754	0.75	1.108
32	26	4.356	2.744	0.63	1.052	4.104	2.586	0.63	1.098	3.852	2.427	0.63	1.145

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

Slim Standard

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-M50VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.878	0.66	1.081	5.625	3.713	0.66	1.135	5.400	3.564	0.66	1.189	5.200	3.432	0.66	1.243
21	20	6.125	3.308	0.54	1.135	5.875	3.173	0.54	1.202	5.700	3.078	0.54	1.229	5.500	2.970	0.54	1.283
22	18	5.875	4.113	0.70	1.081	5.625	3.938	0.70	1.135	5.400	3.780	0.70	1.189	5.200	3.640	0.70	1.243
22	20	6.125	3.553	0.58	1.135	5.875	3.408	0.58	1.202	5.700	3.306	0.58	1.229	5.500	3.190	0.58	1.283
22	22	6.375	2.933	0.46	1.175	6.150	2.829	0.46	1.250	6.000	2.760	0.46	1.283	5.750	2.645	0.46	1.337
23	18	5.875	4.348	0.74	1.081	5.625	4.163	0.74	1.135	5.400	3.996	0.74	1.189	5.200	3.848	0.74	1.243
23	20	6.125	3.798	0.62	1.135	5.875	3.643	0.62	1.202	5.700	3.534	0.62	1.229	5.500	3.410	0.62	1.283
23	22	6.375	3.188	0.50	1.175	6.150	3.075	0.50	1.250	6.000	3.000	0.50	1.283	5.750	2.875	0.50	1.337
24	18	5.875	4.583	0.78	1.081	5.625	4.388	0.78	1.135	5.400	4.212	0.78	1.189	5.200	4.056	0.78	1.243
24	20	6.125	4.043	0.66	1.135	5.875	3.878	0.66	1.202	5.700	3.762	0.66	1.229	5.500	3.630	0.66	1.283
24	22	6.375	3.443	0.54	1.175	6.150	3.321	0.54	1.250	6.000	3.240	0.54	1.283	5.750	3.105	0.54	1.337
24	24	6.700	2.814	0.42	1.229	6.450	2.709	0.42	1.297	6.300	2.646	0.42	1.337	6.100	2.562	0.42	1.405
25	20	6.125	4.288	0.70	1.135	5.875	4.113	0.70	1.202	5.700	3.990	0.70	1.229	5.500	3.850	0.70	1.283
25	22	6.375	3.698	0.58	1.175	6.150	3.567	0.58	1.250	6.000	3.480	0.58	1.283	5.750	3.335	0.58	1.337
25	24	6.700	3.082	0.46	1.229	6.450	2.967	0.46	1.297	6.300	2.898	0.46	1.337	6.100	2.806	0.46	1.405
26	18	5.875	5.053	0.86	1.081	5.625	4.838	0.86	1.135	5.400	4.644	0.86	1.189	5.200	4.472	0.86	1.243
26	20	6.125	4.533	0.74	1.135	5.875	4.348	0.74	1.202	5.700	4.218	0.74	1.229	5.500	4.070	0.74	1.283
26	22	6.375	3.953	0.62	1.175	6.150	3.813	0.62	1.250	6.000	3.720	0.62	1.283	5.750	3.565	0.62	1.337
26	24	6.700	3.350	0.50	1.229	6.450	3.225	0.50	1.297	6.300	3.150	0.50	1.337	6.100	3.050	0.50	1.405
26	26	6.900	2.622	0.38	1.297	6.700	2.546	0.38	1.365	6.600	2.508	0.38	1.405	6.400	2.432	0.38	1.446
27	18	5.875	5.288	0.90	1.081	5.625	5.063	0.90	1.135	5.400	4.860	0.90	1.189	5.200	4.680	0.90	1.243
27	20	6.125	4.778	0.78	1.135	5.875	4.583	0.78	1.202	5.700	4.446	0.78	1.229	5.500	4.290	0.78	1.283
27	22	6.375	4.208	0.66	1.175	6.150	4.059	0.66	1.250	6.000	3.960	0.66	1.283	5.750	3.795	0.66	1.337
27	24	6.700	3.618	0.54	1.229	6.450	3.483	0.54	1.297	6.300	3.402	0.54	1.337	6.100	3.294	0.54	1.405
27	26	6.900	2.898	0.42	1.297	6.700	2.814	0.42	1.365	6.600	2.772	0.42	1.405	6.400	2.688	0.42	1.446
28	18	5.875	5.523	0.94	1.081	5.625	5.288	0.94	1.135	5.400	5.076	0.94	1.189	5.200	4.888	0.94	1.243
28	20	6.125	5.023	0.82	1.135	5.875	4.818	0.82	1.202	5.700	4.674	0.82	1.229	5.500	4.510	0.82	1.283
28	22	6.375	4.463	0.70	1.175	6.150	4.305	0.70	1.250	6.000	4.200	0.70	1.283	5.750	4.025	0.70	1.337
28	24	6.700	3.886	0.58	1.229	6.450	3.741	0.58	1.297	6.300	3.654	0.58	1.337	6.100	3.538	0.58	1.405
28	26	6.900	3.174	0.46	1.297	6.700	3.082	0.46	1.365	6.600	3.036	0.46	1.405	6.400	2.944	0.46	1.446
29	18	5.875	5.758	0.98	1.081	5.625	5.513	0.98	1.135	5.400	5.292	0.98	1.189	5.200	5.096	0.98	1.243
29	20	6.125	5.268	0.86	1.135	5.875	5.053	0.86	1.202	5.700	4.902	0.86	1.229	5.500	4.730	0.86	1.283
29	22	6.375	4.718	0.74	1.175	6.150	4.551	0.74	1.250	6.000	4.440	0.74	1.283	5.750	4.255	0.74	1.337
29	24	6.700	4.154	0.62	1.229	6.450	3.999	0.62	1.297	6.300	3.906	0.62	1.337	6.100	3.782	0.62	1.405
29	26	6.900	3.450	0.50	1.297	6.700	3.350	0.50	1.365	6.600	3.300	0.50	1.405	6.400	3.200	0.50	1.446
30	18	5.875	5.875	1.00	1.081	5.625	5.625	1.00	1.135	5.400	5.400	1.00	1.189	5.200	5.200	1.00	1.243
30	20	6.125	5.513	0.90	1.135	5.875	5.288	0.90	1.202	5.700	5.130	0.90	1.229	5.500	4.950	0.90	1.283
30	22	6.375	4.973	0.78	1.175	6.150	4.797	0.78	1.250	6.000	4.680	0.78	1.283	5.750	4.485	0.78	1.337
30	24	6.700	4.422	0.66	1.229	6.450	4.257	0.66	1.297	6.300	4.158	0.66	1.337	6.100	4.026	0.66	1.405
30	26	6.900	3.726	0.54	1.297	6.700	3.618	0.54	1.365	6.600	3.564	0.54	1.405	6.400	3.456	0.54	1.446
31	18	5.875	5.875	1.00	1.081	5.625	5.625	1.00	1.135	5.400	5.400	1.00	1.189	5.200	5.200	1.00	1.243
31	20	6.125	5.758	0.94	1.135	5.875	5.523	0.94	1.202	5.700	5.358	0.94	1.229	5.500	5.170	0.94	1.283
31	22	6.375	5.228	0.82	1.175	6.150	5.043	0.82	1.250	6.000	4.920	0.82	1.283	5.750	4.715	0.82	1.337
31	24	6.700	4.690	0.70	1.229	6.450	4.515	0.70	1.297	6.300	4.410	0.70	1.337	6.100	4.270	0.70	1.405
31	26	6.900	4.002	0.58	1.297	6.700	3.886	0.58	1.365	6.600	3.828	0.58	1.405	6.400	3.712	0.58	1.446
32	18	5.875	5.875	1.00	1.081	5.625	5.625	1.00	1.135	5.400	5.400	1.00	1.189	5.200	5.200	1.00	1.243
32	20	6.125	6.003	0.98	1.135	5.875	5.758	0.98	1.202	5.700	5.586	0.98	1.229	5.500	5.390	0.98	1.283
32	22	6.375	5.483	0.86	1.175	6.150	5.289	0.86	1.250	6.000	5.160	0.86	1.283	5.750	4.945	0.86	1.337
32	24	6.700	4.958	0.74	1.229	6.450	4.773	0.74	1.297	6.300	4.662	0.74	1.337	6.100	4.514	0.74	1.405
32	26	6.900	4.278	0.62	1.297	6.700	4.154	0.62	1.365	6.600	4.092	0.62	1.405	6.400	3.968	0.62	1.446

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

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-M50VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	3.234	0.66	1.324	4.500	2.970	0.66	1.405	4.150	2.739	0.66	1.459
21	20	5.150	2.781	0.54	1.378	4.800	2.592	0.54	1.446	4.450	2.403	0.54	1.527
22	18	4.900	3.430	0.70	1.324	4.500	3.150	0.70	1.405	4.150	2.905	0.70	1.459
22	20	5.150	2.987	0.58	1.378	4.800	2.784	0.58	1.446	4.450	2.581	0.58	1.527
22	22	5.450	2.507	0.46	1.432	5.100	2.346	0.46	1.513	4.750	2.185	0.46	1.567
23	18	4.900	3.626	0.74	1.324	4.500	3.330	0.74	1.405	4.150	3.071	0.74	1.459
23	20	5.150	3.193	0.62	1.378	4.800	2.976	0.62	1.446	4.450	2.759	0.62	1.527
23	22	5.450	2.725	0.50	1.432	5.100	2.550	0.50	1.513	4.750	2.375	0.50	1.567
24	18	4.900	3.822	0.78	1.324	4.500	3.510	0.78	1.405	4.150	3.237	0.78	1.459
24	20	5.150	3.399	0.66	1.378	4.800	3.168	0.66	1.446	4.450	2.937	0.66	1.527
24	22	5.450	2.943	0.54	1.432	5.100	2.754	0.54	1.513	4.750	2.565	0.54	1.567
24	24	5.750	2.415	0.42	1.486	5.400	2.268	0.42	1.554	5.100	2.142	0.42	1.621
25	20	5.150	3.605	0.70	1.378	4.800	3.360	0.70	1.446	4.450	3.115	0.70	1.527
25	22	5.450	3.161	0.58	1.432	5.100	2.958	0.58	1.513	4.750	2.755	0.58	1.567
25	24	5.750	2.645	0.46	1.486	5.400	2.484	0.46	1.554	5.100	2.346	0.46	1.621
26	18	4.900	4.214	0.86	1.324	4.500	3.870	0.86	1.405	4.150	3.569	0.86	1.459
26	20	5.150	3.811	0.74	1.378	4.800	3.552	0.74	1.446	4.450	3.293	0.74	1.527
26	22	5.450	3.379	0.62	1.432	5.100	3.162	0.62	1.513	4.750	2.945	0.62	1.567
26	24	5.750	2.875	0.50	1.486	5.400	2.700	0.50	1.554	5.100	2.550	0.50	1.621
26	26	6.050	2.299	0.38	1.540	5.700	2.166	0.38	1.608	5.350	2.033	0.38	1.675
27	18	4.900	4.410	0.90	1.324	4.500	4.050	0.90	1.405	4.150	3.735	0.90	1.459
27	20	5.150	4.017	0.78	1.378	4.800	3.744	0.78	1.446	4.450	3.471	0.78	1.527
27	22	5.450	3.597	0.66	1.432	5.100	3.366	0.66	1.513	4.750	3.135	0.66	1.567
27	24	5.750	3.105	0.54	1.486	5.400	2.916	0.54	1.554	5.100	2.754	0.54	1.621
27	26	6.050	2.541	0.42	1.540	5.700	2.394	0.42	1.608	5.350	2.247	0.42	1.675
28	18	4.900	4.606	0.94	1.324	4.500	4.230	0.94	1.405	4.150	3.901	0.94	1.459
28	20	5.150	4.223	0.82	1.378	4.800	3.936	0.82	1.446	4.450	3.649	0.82	1.527
28	22	5.450	3.815	0.70	1.432	5.100	3.570	0.70	1.513	4.750	3.325	0.70	1.567
28	24	5.750	3.335	0.58	1.486	5.400	3.132	0.58	1.554	5.100	2.958	0.58	1.621
28	26	6.050	2.783	0.46	1.540	5.700	2.622	0.46	1.608	5.350	2.461	0.46	1.675
29	18	4.900	4.802	0.98	1.324	4.500	4.410	0.98	1.405	4.150	4.067	0.98	1.459
29	20	5.150	4.429	0.86	1.378	4.800	4.128	0.86	1.446	4.450	3.827	0.86	1.527
29	22	5.450	4.033	0.74	1.432	5.100	3.774	0.74	1.513	4.750	3.515	0.74	1.567
29	24	5.750	3.565	0.62	1.486	5.400	3.348	0.62	1.554	5.100	3.162	0.62	1.621
29	26	6.050	3.025	0.50	1.540	5.700	2.850	0.50	1.608	5.350	2.675	0.50	1.675
30	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
30	20	5.150	4.635	0.90	1.378	4.800	4.320	0.90	1.446	4.450	4.005	0.90	1.527
30	22	5.450	4.251	0.78	1.432	5.100	3.978	0.78	1.513	4.750	3.705	0.78	1.567
30	24	5.750	3.795	0.66	1.486	5.400	3.564	0.66	1.554	5.100	3.366	0.66	1.621
30	26	6.050	3.267	0.54	1.540	5.700	3.078	0.54	1.608	5.350	2.889	0.54	1.675
31	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
31	20	5.150	4.841	0.94	1.378	4.800	4.512	0.94	1.446	4.450	4.183	0.94	1.527
31	22	5.450	4.469	0.82	1.432	5.100	4.182	0.82	1.513	4.750	3.895	0.82	1.567
31	24	5.750	4.025	0.70	1.486	5.400	3.780	0.70	1.554	5.100	3.570	0.70	1.621
31	26	6.050	3.509	0.58	1.540	5.700	3.306	0.58	1.608	5.350	3.103	0.58	1.675
32	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
32	20	5.150	5.047	0.98	1.378	4.800	4.704	0.98	1.446	4.450	4.361	0.98	1.527
32	22	5.450	4.687	0.86	1.432	5.100	4.386	0.86	1.513	4.750	4.085	0.86	1.567
32	24	5.750	4.255	0.74	1.486	5.400	3.996	0.74	1.554	5.100	3.774	0.74	1.621
32	26	6.050	3.751	0.62	1.540	5.700	3.534	0.62	1.608	5.350	3.317	0.62	1.675

Note:
CA : Capacity (kW)　SHC : Sensible heat capacity (kW)　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-M60JA(L)2 / SUZ-M60VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.659	0.65	1.355	6.863	4.461	0.65	1.423	6.588	4.282	0.65	1.491	6.344	4.124	0.65	1.558
21	20	7.473	3.961	0.53	1.423	7.168	3.799	0.53	1.508	6.954	3.686	0.53	1.542	6.710	3.556	0.53	1.609
22	18	7.168	4.946	0.69	1.355	6.863	4.735	0.69	1.423	6.588	4.546	0.69	1.491	6.344	4.377	0.69	1.558
22	20	7.473	4.260	0.57	1.423	7.168	4.086	0.57	1.508	6.954	3.964	0.57	1.542	6.710	3.825	0.57	1.609
22	22	7.778	3.500	0.45	1.474	7.503	3.376	0.45	1.567	7.320	3.294	0.45	1.609	7.015	3.157	0.45	1.677
23	18	7.168	5.233	0.73	1.355	6.863	5.010	0.73	1.423	6.588	4.809	0.73	1.491	6.344	4.631	0.73	1.558
23	20	7.473	4.559	0.61	1.423	7.168	4.372	0.61	1.508	6.954	4.242	0.61	1.542	6.710	4.093	0.61	1.609
23	22	7.778	3.811	0.49	1.474	7.503	3.676	0.49	1.567	7.320	3.587	0.49	1.609	7.015	3.437	0.49	1.677
24	18	7.168	5.519	0.77	1.355	6.863	5.285	0.77	1.423	6.588	5.073	0.77	1.491	6.344	4.885	0.77	1.558
24	20	7.473	4.857	0.65	1.423	7.168	4.659	0.65	1.508	6.954	4.520	0.65	1.542	6.710	4.362	0.65	1.609
24	22	7.778	4.122	0.53	1.474	7.503	3.977	0.53	1.567	7.320	3.880	0.53	1.609	7.015	3.718	0.53	1.677
24	24	8.174	3.351	0.41	1.542	7.869	3.226	0.41	1.626	7.686	3.151	0.41	1.677	7.442	3.051	0.41	1.762
25	20	7.473	5.156	0.69	1.423	7.168	4.946	0.69	1.508	6.954	4.798	0.69	1.542	6.710	4.630	0.69	1.609
25	22	7.778	4.433	0.57	1.474	7.503	4.277	0.57	1.567	7.320	4.172	0.57	1.609	7.015	3.999	0.57	1.677
25	24	8.174	3.678	0.45	1.542	7.869	3.541	0.45	1.626	7.686	3.459	0.45	1.677	7.442	3.349	0.45	1.762
26	18	7.168	6.093	0.85	1.355	6.863	5.834	0.85	1.423	6.588	5.600	0.85	1.491	6.344	5.392	0.85	1.558
26	20	7.473	5.455	0.73	1.423	7.168	5.233	0.73	1.508	6.954	5.076	0.73	1.542	6.710	4.898	0.73	1.609
26	22	7.778	4.745	0.61	1.474	7.503	4.577	0.61	1.567	7.320	4.465	0.61	1.609	7.015	4.279	0.61	1.677
26	24	8.174	4.005	0.49	1.542	7.869	3.856	0.49	1.626	7.686	3.766	0.49	1.677	7.442	3.647	0.49	1.762
26	26	8.418	3.115	0.37	1.626	8.174	3.024	0.37	1.711	8.052	2.979	0.37	1.762	7.808	2.889	0.37	1.813
27	18	7.168	6.380	0.89	1.355	6.863	6.108	0.89	1.423	6.588	5.863	0.89	1.491	6.344	5.646	0.89	1.558
27	20	7.473	5.754	0.77	1.423	7.168	5.519	0.77	1.508	6.954	5.355	0.77	1.542	6.710	5.167	0.77	1.609
27	22	7.778	5.056	0.65	1.474	7.503	4.877	0.65	1.567	7.320	4.758	0.65	1.609	7.015	4.560	0.65	1.677
27	24	8.174	4.332	0.53	1.542	7.869	4.171	0.53	1.626	7.686	4.074	0.53	1.677	7.442	3.944	0.53	1.762
27	26	8.418	3.451	0.41	1.626	8.174	3.351	0.41	1.711	8.052	3.301	0.41	1.762	7.808	3.201	0.41	1.813
28	18	7.168	6.666	0.93	1.355	6.863	6.383	0.93	1.423	6.588	6.127	0.93	1.491	6.344	5.900	0.93	1.558
28	20	7.473	6.053	0.81	1.423	7.168	5.806	0.81	1.508	6.954	5.633	0.81	1.542	6.710	5.435	0.81	1.609
28	22	7.778	5.367	0.69	1.474	7.503	5.177	0.69	1.567	7.320	5.051	0.69	1.609	7.015	4.840	0.69	1.677
28	24	8.174	4.659	0.57	1.542	7.869	4.485	0.57	1.626	7.686	4.381	0.57	1.677	7.442	4.242	0.57	1.762
28	26	8.418	3.788	0.45	1.626	8.174	3.678	0.45	1.711	8.052	3.623	0.45	1.762	7.808	3.514	0.45	1.813
29	18	7.168	6.953	0.97	1.355	6.863	6.657	0.97	1.423	6.588	6.390	0.97	1.491	6.344	6.154	0.97	1.558
29	20	7.473	6.352	0.85	1.423	7.168	6.093	0.85	1.508	6.954	5.911	0.85	1.542	6.710	5.704	0.85	1.609
29	22	7.778	5.678	0.73	1.474	7.503	5.477	0.73	1.567	7.320	5.344	0.73	1.609	7.015	5.121	0.73	1.677
29	24	8.174	4.986	0.61	1.542	7.869	4.800	0.61	1.626	7.686	4.688	0.61	1.677	7.442	4.540	0.61	1.762
29	26	8.418	4.125	0.49	1.626	8.174	4.005	0.49	1.711	8.052	3.945	0.49	1.762	7.808	3.826	0.49	1.813
30	18	7.168	6.953	1.00	1.355	6.863	6.863	1.00	1.423	6.588	6.588	1.00	1.491	6.344	6.344	1.00	1.558
30	20	7.473	6.651	0.89	1.423	7.168	6.380	0.89	1.508	6.954	6.189	0.89	1.542	6.710	5.972	0.89	1.609
30	22	7.778	5.989	0.77	1.474	7.503	5.777	0.77	1.567	7.320	5.636	0.77	1.609	7.015	5.402	0.77	1.677
30	24	8.174	5.313	0.65	1.542	7.869	5.115	0.65	1.626	7.686	4.996	0.65	1.677	7.442	4.837	0.65	1.762
30	26	8.418	4.462	0.53	1.626	8.174	4.332	0.53	1.711	8.052	4.268	0.53	1.762	7.808	4.138	0.53	1.813
31	18	7.168	7.168	1.00	1.355	6.863	6.863	1.00	1.423	6.588	6.588	1.00	1.491	6.344	6.344	1.00	1.558
31	20	7.473	6.950	0.93	1.423	7.168	6.666	0.93	1.508	6.954	6.467	0.93	1.542	6.710	6.240	0.93	1.609
31	22	7.778	6.300	0.81	1.474	7.503	6.077	0.81	1.567	7.320	5.929	0.81	1.609	7.015	5.682	0.81	1.677
31	24	8.174	5.640	0.69	1.542	7.869	5.430	0.69	1.626	7.686	5.303	0.69	1.677	7.442	5.135	0.69	1.762
31	26	8.418	4.798	0.57	1.626	8.174	4.659	0.57	1.711	8.052	4.590	0.57	1.762	7.808	4.451	0.57	1.813
32	18	7.168	7.168	1.00	1.355	6.863	6.863	1.00	1.423	6.588	6.588	1.00	1.491	6.344	6.344	1.00	1.558
32	20	7.473	7.249	0.97	1.423	7.168	6.953	0.97	1.508	6.954	6.745	0.97	1.542	6.710	6.509	0.97	1.609
32	22	7.778	6.611	0.85	1.474	7.503	6.378	0.85	1.567	7.320	6.222	0.85	1.609	7.015	5.963	0.85	1.677
32	24	8.174	5.967	0.73	1.542	7.869	5.744	0.73	1.626	7.686	5.611	0.73	1.677	7.442	5.433	0.73	1.762
32	26	8.418	5.135	0.61	1.626	8.174	4.986	0.61	1.711	8.052	4.912	0.61	1.762	7.808	4.763	0.61	1.813

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

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-M60VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.886	0.65	1.660	5.490	3.569	0.65	1.762	5.063	3.291	0.65	1.830
21	20	6.283	3.330	0.53	1.728	5.856	3.104	0.53	1.813	5.429	2.877	0.53	1.914
22	18	5.978	4.125	0.69	1.660	5.490	3.788	0.69	1.762	5.063	3.493	0.69	1.830
22	20	6.283	3.581	0.57	1.728	5.856	3.338	0.57	1.813	5.429	3.095	0.57	1.914
22	22	6.649	2.992	0.45	1.796	6.222	2.800	0.45	1.897	5.795	2.608	0.45	1.965
23	18	5.978	4.364	0.73	1.660	5.490	4.008	0.73	1.762	5.063	3.696	0.73	1.830
23	20	6.283	3.833	0.61	1.728	5.856	3.572	0.61	1.813	5.429	3.312	0.61	1.914
23	22	6.649	3.258	0.49	1.796	6.222	3.049	0.49	1.897	5.795	2.840	0.49	1.965
24	18	5.978	4.603	0.77	1.660	5.490	4.227	0.77	1.762	5.063	3.899	0.77	1.830
24	20	6.283	4.084	0.65	1.728	5.856	3.806	0.65	1.813	5.429	3.529	0.65	1.914
24	22	6.649	3.524	0.53	1.796	6.222	3.298	0.53	1.897	5.795	3.071	0.53	1.965
24	24	7.015	2.876	0.41	1.863	6.588	2.701	0.41	1.948	6.222	2.551	0.41	2.033
25	20	6.283	4.335	0.69	1.728	5.856	4.041	0.69	1.813	5.429	3.746	0.69	1.914
25	22	6.649	3.790	0.57	1.796	6.222	3.547	0.57	1.897	5.795	3.303	0.57	1.965
25	24	7.015	3.157	0.45	1.863	6.588	2.965	0.45	1.948	6.222	2.800	0.45	2.033
26	18	5.978	5.081	0.85	1.660	5.490	4.667	0.85	1.762	5.063	4.304	0.85	1.830
26	20	6.283	4.587	0.73	1.728	5.856	4.275	0.73	1.813	5.429	3.963	0.73	1.914
26	22	6.649	4.056	0.61	1.796	6.222	3.795	0.61	1.897	5.795	3.535	0.61	1.965
26	24	7.015	3.437	0.49	1.863	6.588	3.228	0.49	1.948	6.222	3.049	0.49	2.033
26	26	7.381	2.731	0.37	1.931	6.954	2.573	0.37	2.016	6.527	2.415	0.37	2.101
27	18	5.978	5.320	0.89	1.660	5.490	4.886	0.89	1.762	5.063	4.506	0.89	1.830
27	20	6.283	4.838	0.77	1.728	5.856	4.509	0.77	1.813	5.429	4.180	0.77	1.914
27	22	6.649	4.322	0.65	1.796	6.222	4.044	0.65	1.897	5.795	3.767	0.65	1.965
27	24	7.015	3.718	0.53	1.863	6.588	3.492	0.53	1.948	6.222	3.298	0.53	2.033
27	26	7.381	3.026	0.41	1.931	6.954	2.851	0.41	2.016	6.527	2.676	0.41	2.101
28	18	5.978	5.560	0.93	1.660	5.490	5.106	0.93	1.762	5.063	4.709	0.93	1.830
28	20	6.283	5.089	0.81	1.728	5.856	4.743	0.81	1.813	5.429	4.397	0.81	1.914
28	22	6.649	4.588	0.69	1.796	6.222	4.293	0.69	1.897	5.795	3.999	0.69	1.965
28	24	7.015	3.999	0.57	1.863	6.588	3.755	0.57	1.948	6.222	3.547	0.57	2.033
28	26	7.381	3.321	0.45	1.931	6.954	3.129	0.45	2.016	6.527	2.937	0.45	2.101
29	18	5.978	5.799	0.97	1.660	5.490	5.325	0.97	1.762	5.063	4.911	0.97	1.830
29	20	6.283	5.341	0.85	1.728	5.856	4.978	0.85	1.813	5.429	4.615	0.85	1.914
29	22	6.649	4.854	0.73	1.796	6.222	4.542	0.73	1.897	5.795	4.230	0.73	1.965
29	24	7.015	4.279	0.61	1.863	6.588	4.019	0.61	1.948	6.222	3.795	0.61	2.033
29	26	7.381	3.617	0.49	1.931	6.954	3.407	0.49	2.016	6.527	3.198	0.49	2.101
30	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
30	20	6.283	5.592	0.89	1.728	5.856	5.212	0.89	1.813	5.429	4.832	0.89	1.914
30	22	6.649	5.120	0.77	1.796	6.222	4.791	0.77	1.897	5.795	4.462	0.77	1.965
30	24	7.015	4.560	0.65	1.863	6.588	4.282	0.65	1.948	6.222	4.044	0.65	2.033
30	26	7.381	3.912	0.53	1.931	6.954	3.686	0.53	2.016	6.527	3.459	0.53	2.101
31	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
31	20	6.283	5.843	0.93	1.728	5.856	5.446	0.93	1.813	5.429	5.049	0.93	1.914
31	22	6.649	5.386	0.81	1.796	6.222	5.040	0.81	1.897	5.795	4.694	0.81	1.965
31	24	7.015	4.840	0.69	1.863	6.588	4.546	0.69	1.948	6.222	4.293	0.69	2.033
31	26	7.381	4.207	0.57	1.931	6.954	3.964	0.57	2.016	6.527	3.720	0.57	2.101
32	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
32	20	6.283	6.095	0.97	1.728	5.856	5.680	0.97	1.813	5.429	5.266	0.97	1.914
32	22	6.649	5.652	0.85	1.796	6.222	5.289	0.85	1.897	5.795	4.926	0.85	1.965
32	24	7.015	5.121	0.73	1.863	6.588	4.809	0.73	1.948	6.222	4.542	0.73	2.033
32	26	7.381	4.502	0.61	1.931	6.954	4.242	0.61	2.016	6.527	3.981	0.61	2.101

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

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-M71VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.622	7.988	4.953	0.62	1.704	7.668	4.754	0.62	1.785	7.384	4.578	0.62	1.866
21	20	8.698	4.349	0.50	1.704	8.343	4.172	0.50	1.805	8.094	4.047	0.50	1.845	7.810	3.905	0.50	1.927
22	18	8.343	5.506	0.66	1.622	7.988	5.272	0.66	1.704	7.668	5.061	0.66	1.785	7.384	4.873	0.66	1.866
22	20	8.698	4.697	0.54	1.704	8.343	4.505	0.54	1.805	8.094	4.371	0.54	1.845	7.810	4.217	0.54	1.927
22	22	9.053	3.802	0.42	1.764	8.733	3.668	0.42	1.876	8.520	3.578	0.42	1.927	8.165	3.429	0.42	2.008
23	18	8.343	5.840	0.70	1.622	7.988	5.592	0.70	1.704	7.668	5.368	0.70	1.785	7.384	5.169	0.70	1.866
23	20	8.698	5.045	0.58	1.704	8.343	4.839	0.58	1.805	8.094	4.695	0.58	1.845	7.810	4.530	0.58	1.927
23	22	9.053	4.164	0.46	1.764	8.733	4.017	0.46	1.876	8.520	3.919	0.46	1.927	8.165	3.756	0.46	2.008
24	18	8.343	6.174	0.74	1.622	7.988	5.911	0.74	1.704	7.668	5.674	0.74	1.785	7.384	5.464	0.74	1.866
24	20	8.698	5.393	0.62	1.704	8.343	5.173	0.62	1.805	8.094	5.018	0.62	1.845	7.810	4.842	0.62	1.927
24	22	9.053	4.527	0.50	1.764	8.733	4.367	0.50	1.876	8.520	4.260	0.50	1.927	8.165	4.083	0.50	2.008
24	24	9.514	3.615	0.38	1.845	9.159	3.480	0.38	1.947	8.946	3.399	0.38	2.008	8.662	3.292	0.38	2.109
25	20	8.698	5.741	0.66	1.704	8.343	5.506	0.66	1.805	8.094	5.342	0.66	1.845	7.810	5.155	0.66	1.927
25	22	9.053	4.889	0.54	1.764	8.733	4.716	0.54	1.876	8.520	4.601	0.54	1.927	8.165	4.409	0.54	2.008
25	24	9.514	3.996	0.42	1.845	9.159	3.847	0.42	1.947	8.946	3.757	0.42	2.008	8.662	3.638	0.42	2.109
26	18	8.343	6.841	0.82	1.622	7.988	6.550	0.82	1.704	7.668	6.288	0.82	1.785	7.384	6.055	0.82	1.866
26	20	8.698	6.089	0.70	1.704	8.343	5.840	0.70	1.805	8.094	5.666	0.70	1.845	7.810	5.467	0.70	1.927
26	22	9.053	5.251	0.58	1.764	8.733	5.065	0.58	1.876	8.520	4.942	0.58	1.927	8.165	4.736	0.58	2.008
26	24	9.514	4.376	0.46	1.845	9.159	4.213	0.46	1.947	8.946	4.115	0.46	2.008	8.662	3.985	0.46	2.109
26	26	9.798	3.331	0.34	1.947	9.514	3.235	0.34	2.048	9.372	3.186	0.34	2.109	9.088	3.090	0.34	2.170
27	18	8.343	7.175	0.86	1.622	7.988	6.870	0.86	1.704	7.668	6.594	0.86	1.785	7.384	6.350	0.86	1.866
27	20	8.698	6.437	0.74	1.704	8.343	6.174	0.74	1.805	8.094	5.990	0.74	1.845	7.810	5.779	0.74	1.927
27	22	9.053	5.613	0.62	1.764	8.733	5.414	0.62	1.876	8.520	5.282	0.62	1.927	8.165	5.062	0.62	2.008
27	24	9.514	4.757	0.50	1.845	9.159	4.580	0.50	1.947	8.946	4.473	0.50	2.008	8.662	4.331	0.50	2.109
27	26	9.798	3.723	0.38	1.947	9.514	3.615	0.38	2.048	9.372	3.561	0.38	2.109	9.088	3.453	0.38	2.170
28	18	8.343	7.509	0.90	1.622	7.988	7.189	0.90	1.704	7.668	6.901	0.90	1.785	7.384	6.646	0.90	1.866
28	20	8.698	6.784	0.78	1.704	8.343	6.508	0.78	1.805	8.094	6.313	0.78	1.845	7.810	6.092	0.78	1.927
28	22	9.053	5.975	0.66	1.764	8.733	5.764	0.66	1.876	8.520	5.623	0.66	1.927	8.165	5.389	0.66	2.008
28	24	9.514	5.138	0.54	1.845	9.159	4.946	0.54	1.947	8.946	4.831	0.54	2.008	8.662	4.677	0.54	2.109
28	26	9.798	4.115	0.42	1.947	9.514	3.996	0.42	2.048	9.372	3.936	0.42	2.109	9.088	3.817	0.42	2.170
29	18	8.343	7.842	0.94	1.622	7.988	7.509	0.94	1.704	7.668	7.208	0.94	1.785	7.384	6.941	0.94	1.866
29	20	8.698	7.132	0.82	1.704	8.343	6.841	0.82	1.805	8.094	6.637	0.82	1.845	7.810	6.404	0.82	1.927
29	22	9.053	6.337	0.70	1.764	8.733	6.113	0.70	1.876	8.520	5.964	0.70	1.927	8.165	5.716	0.70	2.008
29	24	9.514	5.518	0.58	1.845	9.159	5.312	0.58	1.947	8.946	5.189	0.58	2.008	8.662	5.024	0.58	2.109
29	26	9.798	4.507	0.46	1.947	9.514	4.376	0.46	2.048	9.372	4.311	0.46	2.109	9.088	4.180	0.46	2.170
30	18	8.343	8.176	0.98	1.622	7.988	7.828	0.98	1.704	7.668	7.515	0.98	1.785	7.384	7.236	0.98	1.866
30	20	8.698	7.480	0.86	1.704	8.343	7.175	0.86	1.805	8.094	6.961	0.86	1.845	7.810	6.717	0.86	1.927
30	22	9.053	6.699	0.74	1.764	8.733	6.462	0.74	1.876	8.520	6.305	0.74	1.927	8.165	6.042	0.74	2.008
30	24	9.514	5.899	0.62	1.845	9.159	5.679	0.62	1.947	8.946	5.547	0.62	2.008	8.662	5.370	0.62	2.109
30	26	9.798	4.899	0.50	1.947	9.514	4.757	0.50	2.048	9.372	4.686	0.50	2.109	9.088	4.544	0.50	2.170
31	18	8.343	8.343	1.00	1.622	7.988	7.988	1.00	1.704	7.668	7.668	1.00	1.785	7.384	7.384	1.00	1.866
31	20	8.698	7.828	0.90	1.704	8.343	7.509	0.90	1.805	8.094	7.285	0.90	1.845	7.810	7.029	0.90	1.927
31	22	9.053	7.061	0.78	1.764	8.733	6.812	0.78	1.876	8.520	6.646	0.78	1.927	8.165	6.369	0.78	2.008
31	24	9.514	6.279	0.66	1.845	9.159	6.045	0.66	1.947	8.946	5.904	0.66	2.008	8.662	5.717	0.66	2.109
31	26	9.798	5.291	0.54	1.947	9.514	5.138	0.54	2.048	9.372	5.061	0.54	2.109	9.088	4.908	0.54	2.170
32	18	8.343	8.343	1.00	1.622	7.988	7.988	1.00	1.704	7.668	7.668	1.00	1.785	7.384	7.384	1.00	1.866
32	20	8.698	8.176	0.94	1.704	8.343	7.842	0.94	1.805	8.094	7.608	0.94	1.845	7.810	7.341	0.94	1.927
32	22	9.053	7.423	0.82	1.764	8.733	7.161	0.82	1.876	8.520	6.986	0.82	1.927	8.165	6.695	0.82	2.008
32	24	9.514	6.660	0.70	1.845	9.159	6.411	0.70	1.947	8.946	6.262	0.70	2.008	8.662	6.063	0.70	2.109
32	26	9.798	5.683	0.58	1.947	9.514	5.518	0.58	2.048	9.372	5.436	0.58	2.109	9.088	5.271	0.58	2.170

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

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-M71VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	1.987	6.390	3.962	0.62	2.109	5.893	3.654	0.62	2.190
21	20	7.313	3.657	0.50	2.069	6.816	3.408	0.50	2.170	6.319	3.160	0.50	2.292
22	18	6.958	4.592	0.66	1.987	6.390	4.217	0.66	2.109	5.893	3.889	0.66	2.190
22	20	7.313	3.949	0.54	2.069	6.816	3.681	0.54	2.170	6.319	3.412	0.54	2.292
22	22	7.739	3.250	0.42	2.150	7.242	3.042	0.42	2.271	6.745	2.833	0.42	2.352
23	18	6.958	4.871	0.70	1.987	6.390	4.473	0.70	2.109	5.893	4.125	0.70	2.190
23	20	7.313	4.242	0.58	2.069	6.816	3.953	0.58	2.170	6.319	3.665	0.58	2.292
23	22	7.739	3.560	0.46	2.150	7.242	3.331	0.46	2.271	6.745	3.103	0.46	2.352
24	18	6.958	5.149	0.74	1.987	6.390	4.729	0.74	2.109	5.893	4.361	0.74	2.190
24	20	7.313	4.534	0.62	2.069	6.816	4.226	0.62	2.170	6.319	3.918	0.62	2.292
24	22	7.739	3.870	0.50	2.150	7.242	3.621	0.50	2.271	6.745	3.373	0.50	2.352
24	24	8.165	3.103	0.38	2.231	7.668	2.914	0.38	2.332	7.242	2.752	0.38	2.434
25	20	7.313	4.827	0.66	2.069	6.816	4.499	0.66	2.170	6.319	4.171	0.66	2.292
25	22	7.739	4.179	0.54	2.150	7.242	3.911	0.54	2.271	6.745	3.642	0.54	2.352
25	24	8.165	3.429	0.42	2.231	7.668	3.221	0.42	2.332	7.242	3.042	0.42	2.434
26	18	6.958	5.706	0.82	1.987	6.390	5.240	0.82	2.109	5.893	4.832	0.82	2.190
26	20	7.313	5.119	0.70	2.069	6.816	4.771	0.70	2.170	6.319	4.423	0.70	2.292
26	22	7.739	4.489	0.58	2.150	7.242	4.200	0.58	2.271	6.745	3.912	0.58	2.352
26	24	8.165	3.756	0.46	2.231	7.668	3.527	0.46	2.332	7.242	3.331	0.46	2.434
26	26	8.591	2.921	0.34	2.312	8.094	2.752	0.34	2.413	7.597	2.583	0.34	2.515
27	18	6.958	5.984	0.86	1.987	6.390	5.495	0.86	2.109	5.893	5.068	0.86	2.190
27	20	7.313	5.412	0.74	2.069	6.816	5.044	0.74	2.170	6.319	4.676	0.74	2.292
27	22	7.739	4.798	0.62	2.150	7.242	4.490	0.62	2.271	6.745	4.182	0.62	2.352
27	24	8.165	4.083	0.50	2.231	7.668	3.834	0.50	2.332	7.242	3.621	0.50	2.434
27	26	8.591	3.265	0.38	2.312	8.094	3.076	0.38	2.413	7.597	2.887	0.38	2.515
28	18	6.958	6.262	0.90	1.987	6.390	5.751	0.90	2.109	5.893	5.304	0.90	2.190
28	20	7.313	5.704	0.78	2.069	6.816	5.316	0.78	2.170	6.319	4.929	0.78	2.292
28	22	7.739	5.108	0.66	2.150	7.242	4.780	0.66	2.271	6.745	4.452	0.66	2.352
28	24	8.165	4.409	0.54	2.231	7.668	4.141	0.54	2.332	7.242	3.911	0.54	2.434
28	26	8.591	3.608	0.42	2.312	8.094	3.399	0.42	2.413	7.597	3.191	0.42	2.515
29	18	6.958	6.541	0.94	1.987	6.390	6.007	0.94	2.109	5.893	5.539	0.94	2.190
29	20	7.313	5.997	0.82	2.069	6.816	5.589	0.82	2.170	6.319	5.182	0.82	2.292
29	22	7.739	5.417	0.70	2.150	7.242	5.069	0.70	2.271	6.745	4.722	0.70	2.352
29	24	8.165	4.736	0.58	2.231	7.668	4.447	0.58	2.332	7.242	4.200	0.58	2.434
29	26	8.591	3.952	0.46	2.312	8.094	3.723	0.46	2.413	7.597	3.495	0.46	2.515
30	18	6.958	6.819	0.98	1.987	6.390	6.262	0.98	2.109	5.893	5.775	0.98	2.190
30	20	7.313	6.289	0.86	2.069	6.816	5.862	0.86	2.170	6.319	5.434	0.86	2.292
30	22	7.739	5.727	0.74	2.150	7.242	5.359	0.74	2.271	6.745	4.991	0.74	2.352
30	24	8.165	5.062	0.62	2.231	7.668	4.754	0.62	2.332	7.242	4.490	0.62	2.434
30	26	8.591	4.296	0.50	2.312	8.094	4.047	0.50	2.413	7.597	3.799	0.50	2.515
31	18	6.958	6.958	1.00	1.987	6.390	6.390	1.00	2.109	5.893	5.893	1.00	2.190
31	20	7.313	6.582	0.90	2.069	6.816	6.134	0.90	2.170	6.319	5.687	0.90	2.292
31	22	7.739	6.036	0.78	2.150	7.242	5.649	0.78	2.271	6.745	5.261	0.78	2.352
31	24	8.165	5.389	0.66	2.231	7.668	5.061	0.66	2.332	7.242	4.780	0.66	2.434
31	26	8.591	4.639	0.54	2.312	8.094	4.371	0.54	2.413	7.597	4.102	0.54	2.515
32	18	6.958	6.958	1.00	1.987	6.390	6.390	1.00	2.109	5.893	5.893	1.00	2.190
32	20	7.313	6.874	0.94	2.069	6.816	6.407	0.94	2.170	6.319	5.940	0.94	2.292
32	22	7.739	6.346	0.82	2.150	7.242	5.938	0.82	2.271	6.745	5.531	0.82	2.352
32	24	8.165	5.716	0.70	2.231	7.668	5.368	0.70	2.332	7.242	5.069	0.70	2.434
32	26	8.591	4.983	0.58	2.312	8.094	4.695	0.58	2.413	7.597	4.406	0.58	2.515

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

COOLING CAPACITY
PEAD-M100JA(L)2 / PUZ-M100VKA2 PUZ-M100YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	2.302	9.120	6.566	0.72	2.432	8.835	6.361	0.72	2.576
20	18	10.070	6.042	0.60	2.346	9.785	5.871	0.60	2.475	9.453	5.672	0.60	2.648
20	20	10.830	5.198	0.48	2.418	10.593	5.085	0.48	2.533	10.308	4.948	0.48	2.705
22	16	9.405	7.524	0.80	2.302	9.120	7.296	0.80	2.432	8.835	7.068	0.80	2.576
22	18	10.070	6.848	0.68	2.346	9.785	6.654	0.68	2.475	9.453	6.428	0.68	2.648
22	20	10.830	6.065	0.56	2.418	10.593	5.932	0.56	2.533	10.308	5.772	0.56	2.705
24	16	9.405	8.276	0.88	2.302	9.120	8.026	0.88	2.432	8.835	7.775	0.88	2.576
24	18	10.070	7.653	0.76	2.346	9.785	7.437	0.76	2.475	9.453	7.184	0.76	2.648
24	20	10.830	6.931	0.64	2.418	10.593	6.780	0.64	2.533	10.308	6.597	0.64	2.705
24	22	11.543	6.002	0.52	2.475	11.305	5.879	0.52	2.619	11.020	5.730	0.52	2.792
26	16	9.405	9.029	0.96	2.302	9.120	8.755	0.96	2.432	8.835	8.482	0.96	2.576
26	18	10.070	8.459	0.84	2.346	9.785	8.219	0.84	2.475	9.453	7.941	0.84	2.648
26	20	10.830	7.798	0.72	2.418	10.593	7.627	0.72	2.533	10.308	7.422	0.72	2.705
26	22	11.543	6.926	0.60	2.475	11.305	6.783	0.60	2.619	11.020	6.612	0.60	2.792
27	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
27	18	10.070	8.862	0.88	2.346	9.785	8.611	0.88	2.475	9.453	8.319	0.88	2.648
27	20	10.830	8.231	0.76	2.418	10.593	8.051	0.76	2.533	10.308	7.834	0.76	2.705
27	22	11.543	7.388	0.64	2.475	11.305	7.235	0.64	2.619	11.020	7.053	0.64	2.792
28	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
28	18	10.070	9.264	0.92	2.346	9.785	9.002	0.92	2.475	9.453	8.697	0.92	2.648
28	20	10.830	8.664	0.80	2.418	10.593	8.474	0.80	2.533	10.308	8.246	0.80	2.705
28	22	11.543	7.849	0.68	2.475	11.305	7.687	0.68	2.619	11.020	7.494	0.68	2.792
30	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
30	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
30	20	10.830	9.530	0.88	2.418	10.593	9.322	0.88	2.533	10.308	9.071	0.88	2.705
30	22	11.543	8.773	0.76	2.475	11.305	8.592	0.76	2.619	11.020	8.375	0.76	2.792
32	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
32	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
32	20	10.830	10.397	0.96	2.418	10.593	10.169	0.96	2.533	10.308	9.896	0.96	2.705
32	22	11.543	9.696	0.84	2.475	11.305	9.496	0.84	2.619	11.020	9.257	0.84	2.792
34	16	9.405	9.405	1.00	2.302	9.120	9.120	1.00	2.432	8.835	8.835	1.00	2.576
34	18	10.070	10.070	1.00	2.346	9.785	9.785	1.00	2.475	9.453	9.453	1.00	2.648
34	20	10.830	10.830	1.00	2.418	10.593	10.593	1.00	2.533	10.308	10.308	1.00	2.705
34	22	11.543	10.620	0.92	2.475	11.305	10.401	0.92	2.619	11.020	10.138	0.92	2.792

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.763	8.075	5.814	0.72	2.964	7.695	5.540	0.72	3.209
20	18	9.120	5.472	0.60	2.835	8.835	5.301	0.60	3.051	8.265	4.959	0.60	3.281
20	20	9.880	4.742	0.48	2.907	9.500	4.560	0.48	3.108	8.930	4.286	0.48	3.338
22	16	8.455	6.764	0.80	2.763	8.075	6.460	0.80	2.964	7.695	6.156	0.80	3.209
22	18	9.120	6.202	0.68	2.835	8.835	6.008	0.68	3.051	8.265	5.620	0.68	3.281
22	20	9.880	5.533	0.56	2.907	9.500	5.320	0.56	3.108	8.930	5.001	0.56	3.338
24	16	8.455	7.440	0.88	2.763	8.075	7.106	0.88	2.964	7.695	6.772	0.88	3.209
24	18	9.120	6.931	0.76	2.835	8.835	6.715	0.76	3.051	8.265	6.281	0.76	3.281
24	20	9.880	6.323	0.64	2.907	9.500	6.080	0.64	3.108	8.930	5.715	0.64	3.338
24	22	10.640	5.533	0.52	2.964	10.260	5.335	0.52	3.195	9.690	5.039	0.52	3.396
26	16	8.455	8.117	0.96	2.763	8.075	7.752	0.96	2.964	7.695	7.387	0.96	3.209
26	18	9.120	7.661	0.84	2.835	8.835	7.421	0.84	3.051	8.265	6.943	0.84	3.281
26	20	9.880	7.114	0.72	2.907	9.500	6.840	0.72	3.108	8.930	6.430	0.72	3.338
26	22	10.640	6.384	0.60	2.964	10.260	6.156	0.60	3.195	9.690	5.814	0.60	3.396
27	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
27	18	9.120	8.026	0.88	2.835	8.835	7.775	0.88	3.051	8.265	7.273	0.88	3.281
27	20	9.880	7.509	0.76	2.907	9.500	7.220	0.76	3.108	8.930	6.787	0.76	3.338
27	22	10.640	6.810	0.64	2.964	10.260	6.566	0.64	3.195	9.690	6.202	0.64	3.396
28	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
28	18	9.120	8.390	0.92	2.835	8.835	8.128	0.92	3.051	8.265	7.604	0.92	3.281
28	20	9.880	7.904	0.80	2.907	9.500	7.600	0.80	3.108	8.930	7.144	0.80	3.338
28	22	10.640	7.235	0.68	2.964	10.260	6.977	0.68	3.195	9.690	6.589	0.68	3.396
30	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
30	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
30	20	9.880	8.694	0.88	2.907	9.500	8.360	0.88	3.108	8.930	7.858	0.88	3.338
30	22	10.640	8.086	0.76	2.964	10.260	7.798	0.76	3.195	9.690	7.364	0.76	3.396
32	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
32	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
32	20	9.880	9.485	0.96	2.907	9.500	9.120	0.96	3.108	8.930	8.573	0.96	3.338
32	22	10.640	8.938	0.84	2.964	10.260	8.618	0.84	3.195	9.690	8.140	0.84	3.396
34	16	8.455	8.455	1.00	2.763	8.075	8.075	1.00	2.964	7.695	7.695	1.00	3.209
34	18	9.120	9.120	1.00	2.835	8.835	8.835	1.00	3.051	8.265	8.265	1.00	3.281
34	20	9.880	9.880	1.00	2.907	9.500	9.500	1.00	3.108	8.930	8.930	1.00	3.338
34	22	10.640	9.789	0.92	2.964	10.260	9.439	0.92	3.195	9.690	8.915	0.92	3.396

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

COOLING CAPACITY
PEAD-M125JA(L)2 / PUZ-M125VKA2 PUZ-M125YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	8.146	0.68	3.215	11.616	7.899	0.68	3.396	11.253	7.652	0.68	3.597
20	18	12.826	7.183	0.56	3.275	12.463	6.979	0.56	3.456	12.040	6.742	0.56	3.697
20	20	13.794	6.069	0.44	3.376	13.492	5.936	0.44	3.537	13.129	5.777	0.44	3.778
22	16	11.979	9.104	0.76	3.215	11.616	8.828	0.76	3.396	11.253	8.552	0.76	3.597
22	18	12.826	8.209	0.64	3.275	12.463	7.976	0.64	3.456	12.040	7.706	0.64	3.697
22	20	13.794	7.173	0.52	3.376	13.492	7.016	0.52	3.537	13.129	6.827	0.52	3.778
24	16	11.979	10.062	0.84	3.215	11.616	9.757	0.84	3.396	11.253	9.453	0.84	3.597
24	18	12.826	9.235	0.72	3.275	12.463	8.973	0.72	3.456	12.040	8.669	0.72	3.697
24	20	13.794	8.276	0.60	3.376	13.492	8.095	0.60	3.537	13.129	7.877	0.60	3.778
24	22	14.702	7.057	0.48	3.456	14.399	6.912	0.48	3.657	14.036	6.737	0.48	3.898
26	16	11.979	11.021	0.92	3.215	11.616	10.687	0.92	3.396	11.253	10.353	0.92	3.597
26	18	12.826	10.261	0.80	3.275	12.463	9.970	0.80	3.456	12.040	9.632	0.80	3.697
26	20	13.794	9.380	0.68	3.376	13.492	9.175	0.68	3.537	13.129	8.928	0.68	3.778
26	22	14.702	8.233	0.56	3.456	14.399	8.063	0.56	3.657	14.036	7.860	0.56	3.898
27	16	11.979	11.500	0.96	3.215	11.616	11.151	0.96	3.396	11.253	10.803	0.96	3.597
27	18	12.826	10.774	0.84	3.275	12.463	10.469	0.84	3.456	12.040	10.114	0.84	3.697
27	20	13.794	9.932	0.72	3.376	13.492	9.714	0.72	3.537	13.129	9.453	0.72	3.778
27	22	14.702	8.821	0.60	3.456	14.399	8.639	0.60	3.657	14.036	8.422	0.60	3.898
28	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
28	18	12.826	11.287	0.88	3.275	12.463	10.967	0.88	3.456	12.040	10.595	0.88	3.697
28	20	13.794	10.483	0.76	3.376	13.492	10.254	0.76	3.537	13.129	9.978	0.76	3.778
28	22	14.702	9.409	0.64	3.456	14.399	9.215	0.64	3.657	14.036	8.983	0.64	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	12.313	0.96	3.275	12.463	11.964	0.96	3.456	12.040	11.558	0.96	3.697
30	20	13.794	11.587	0.84	3.376	13.492	11.333	0.84	3.537	13.129	11.028	0.84	3.778
30	22	14.702	10.585	0.72	3.456	14.399	10.367	0.72	3.657	14.036	10.106	0.72	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
32	20	13.794	12.690	0.92	3.376	13.492	12.413	0.92	3.537	13.129	12.079	0.92	3.778
32	22	14.702	11.762	0.80	3.456	14.399	11.519	0.80	3.657	14.036	11.229	0.80	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	13.794	1.00	3.376	13.492	13.492	1.00	3.537	13.129	13.129	1.00	3.778
34	22	14.702	12.938	0.88	3.456	14.399	12.671	0.88	3.657	14.036	12.352	0.88	3.898

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	7.323	0.68	3.858	10.285	6.994	0.68	4.140	9.801	6.665	0.68	4.481
20	18	11.616	6.505	0.56	3.959	11.253	6.302	0.56	4.260	10.527	5.895	0.56	4.582
20	20	12.584	5.537	0.44	4.059	12.100	5.324	0.44	4.341	11.374	5.005	0.44	4.662
22	16	10.769	8.184	0.76	3.858	10.285	7.817	0.76	4.140	9.801	7.449	0.76	4.481
22	18	11.616	7.434	0.64	3.959	11.253	7.202	0.64	4.260	10.527	6.737	0.64	4.582
22	20	12.584	6.544	0.52	4.059	12.100	6.292	0.52	4.341	11.374	5.914	0.52	4.662
24	16	10.769	9.046	0.84	3.858	10.285	8.639	0.84	4.140	9.801	8.233	0.84	4.481
24	18	11.616	8.364	0.72	3.959	11.253	8.102	0.72	4.260	10.527	7.579	0.72	4.582
24	20	12.584	7.550	0.60	4.059	12.100	7.260	0.60	4.341	11.374	6.824	0.60	4.662
24	22	13.552	6.505	0.48	4.140	13.068	6.273	0.48	4.461	12.342	5.924	0.48	4.742
26	16	10.769	9.907	0.92	3.858	10.285	9.462	0.92	4.140	9.801	9.017	0.92	4.481
26	18	11.616	9.293	0.80	3.959	11.253	9.002	0.80	4.260	10.527	8.422	0.80	4.582
26	20	12.584	8.557	0.68	4.059	12.100	8.228	0.68	4.341	11.374	7.734	0.68	4.662
26	22	13.552	7.589	0.56	4.140	13.068	7.318	0.56	4.461	12.342	6.912	0.56	4.742
27	16	10.769	10.338	0.96	3.858	10.285	9.874	0.96	4.140	9.801	9.409	0.96	4.481
27	18	11.616	9.757	0.84	3.959	11.253	9.453	0.84	4.260	10.527	8.843	0.84	4.582
27	20	12.584	9.060	0.72	4.059	12.100	8.712	0.72	4.341	11.374	8.189	0.72	4.662
27	22	13.552	8.131	0.60	4.140	13.068	7.841	0.60	4.461	12.342	7.405	0.60	4.742
28	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
28	18	11.616	10.222	0.88	3.959	11.253	9.903	0.88	4.260	10.527	9.264	0.88	4.582
28	20	12.584	9.564	0.76	4.059	12.100	9.196	0.76	4.341	11.374	8.644	0.76	4.662
28	22	13.552	8.673	0.64	4.140	13.068	8.364	0.64	4.461	12.342	7.899	0.64	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	11.151	0.96	3.959	11.253	10.803	0.96	4.260	10.527	10.106	0.96	4.582
30	20	12.584	10.571	0.84	4.059	12.100	10.164	0.84	4.341	11.374	9.554	0.84	4.662
30	22	13.552	9.757	0.72	4.140	13.068	9.409	0.72	4.461	12.342	8.886	0.72	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
32	20	12.584	11.577	0.92	4.059	12.100	11.132	0.92	4.341	11.374	10.464	0.92	4.662
32	22	13.552	10.842	0.80	4.140	13.068	10.454	0.80	4.461	12.342	9.874	0.80	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260	10.527	10.527	1.00	4.582
34	20	12.584	12.584	1.00	4.059	12.100	12.100	1.00	4.341	11.374	11.374	1.00	4.662
34	22	13.552	11.926	0.88	4.140	13.068	11.500	0.88	4.461	12.342	10.861	0.88	4.742

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

COOLING CAPACITY
PEAD-M140JA2 / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	3.814	12.864	8.619	0.67	4.029	12.462	8.350	0.67	4.267
20	18	14.204	7.812	0.55	3.886	13.802	7.591	0.55	4.100	13.333	7.333	0.55	4.387
20	20	15.276	6.569	0.43	4.005	14.941	6.425	0.43	4.196	14.539	6.252	0.43	4.482
22	16	13.266	9.950	0.75	3.814	12.864	9.648	0.75	4.029	12.462	9.347	0.75	4.267
22	18	14.204	8.949	0.63	3.886	13.802	8.695	0.63	4.100	13.333	8.400	0.63	4.387
22	20	15.276	7.791	0.51	4.005	14.941	7.620	0.51	4.196	14.539	7.415	0.51	4.482
24	16	13.266	11.011	0.83	3.814	12.864	10.677	0.83	4.029	12.462	10.343	0.83	4.267
24	18	14.204	10.085	0.71	3.886	13.802	9.799	0.71	4.100	13.333	9.466	0.71	4.387
24	20	15.276	9.013	0.59	4.005	14.941	8.815	0.59	4.196	14.539	8.578	0.59	4.482
24	22	16.281	7.652	0.47	4.100	15.946	7.495	0.47	4.339	15.544	7.306	0.47	4.625
26	16	13.266	12.072	0.91	3.814	12.864	11.706	0.91	4.029	12.462	11.340	0.91	4.267
26	18	14.204	11.221	0.79	3.886	13.802	10.904	0.79	4.100	13.333	10.533	0.79	4.387
26	20	15.276	10.235	0.67	4.005	14.941	10.010	0.67	4.196	14.539	9.741	0.67	4.482
26	22	16.281	8.955	0.55	4.100	15.946	8.770	0.55	4.339	15.544	8.549	0.55	4.625
27	16	13.266	12.603	0.95	3.814	12.864	12.221	0.95	4.029	12.462	11.839	0.95	4.267
27	18	14.204	11.789	0.83	3.886	13.802	11.456	0.83	4.100	13.333	11.066	0.83	4.387
27	20	15.276	10.846	0.71	4.005	14.941	10.608	0.71	4.196	14.539	10.323	0.71	4.482
27	22	16.281	9.606	0.59	4.100	15.946	9.408	0.59	4.339	15.544	9.171	0.59	4.625
28	16	13.266	13.133	0.99	3.814	12.864	12.735	0.99	4.029	12.462	12.337	0.99	4.267
28	18	14.204	12.357	0.87	3.886	13.802	12.008	0.87	4.100	13.333	11.600	0.87	4.387
28	20	15.276	11.457	0.75	4.005	14.941	11.206	0.75	4.196	14.539	10.904	0.75	4.482
28	22	16.281	10.257	0.63	4.100	15.946	10.046	0.63	4.339	15.544	9.793	0.63	4.625
30	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
30	18	14.204	13.494	0.95	3.886	13.802	13.112	0.95	4.100	13.333	12.666	0.95	4.387
30	20	15.276	12.679	0.83	4.005	14.941	12.401	0.83	4.196	14.539	12.067	0.83	4.482
30	22	16.281	11.560	0.71	4.100	15.946	11.322	0.71	4.339	15.544	11.036	0.71	4.625
32	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
32	18	14.204	14.204	1.00	3.886	13.802	13.802	1.00	4.100	13.333	13.333	1.00	4.387
32	20	15.276	13.901	0.91	4.005	14.941	13.596	0.91	4.196	14.539	13.230	0.91	4.482
32	22	16.281	12.862	0.79	4.100	15.946	12.597	0.79	4.339	15.544	12.280	0.79	4.625
34	16	13.266	13.266	1.00	3.814	12.864	12.864	1.00	4.029	12.462	12.462	1.00	4.267
34	18	14.204	14.204	1.00	3.886	13.802	13.802	1.00	4.100	13.333	13.333	1.00	4.387
34	20	15.276	15.123	0.99	4.005	14.941	14.792	0.99	4.196	14.539	14.394	0.99	4.482
34	22	16.281	14.164	0.87	4.100	15.946	13.873	0.87	4.339	15.544	13.523	0.87	4.625

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	4.577	11.390	7.631	0.67	4.911	10.854	7.272	0.67	5.316
20	18	12.864	7.075	0.55	4.696	12.462	6.854	0.55	5.054	11.658	6.412	0.55	5.436
20	20	13.936	5.992	0.43	4.816	13.400	5.762	0.43	5.149	12.596	5.416	0.43	5.531
22	16	11.926	8.945	0.75	4.577	11.390	8.543	0.75	4.911	10.854	8.141	0.75	5.316
22	18	12.864	8.104	0.63	4.696	12.462	7.851	0.63	5.054	11.658	7.345	0.63	5.436
22	20	13.936	7.107	0.51	4.816	13.400	6.834	0.51	5.149	12.596	6.424	0.51	5.531
24	16	11.926	9.899	0.83	4.577	11.390	9.454	0.83	4.911	10.854	9.009	0.83	5.316
24	18	12.864	9.133	0.71	4.696	12.462	8.848	0.71	5.054	11.658	8.277	0.71	5.436
24	20	13.936	8.222	0.59	4.816	13.400	7.906	0.59	5.149	12.596	7.432	0.59	5.531
24	22	15.008	7.054	0.47	4.911	14.472	6.802	0.47	5.292	13.668	6.424	0.47	5.626
26	16	11.926	10.853	0.91	4.577	11.390	10.365	0.91	4.911	10.854	9.877	0.91	5.316
26	18	12.864	10.163	0.79	4.696	12.462	9.845	0.79	5.054	11.658	9.210	0.79	5.436
26	20	13.936	9.337	0.67	4.816	13.400	8.978	0.67	5.149	12.596	8.439	0.67	5.531
26	22	15.008	8.254	0.55	4.911	14.472	7.960	0.55	5.292	13.668	7.517	0.55	5.626
27	16	11.926	11.330	0.95	4.577	11.390	10.821	0.95	4.911	10.854	10.311	0.95	5.316
27	18	12.864	10.677	0.83	4.696	12.462	10.343	0.83	5.054	11.658	9.676	0.83	5.436
27	20	13.936	9.895	0.71	4.816	13.400	9.514	0.71	5.149	12.596	8.943	0.71	5.531
27	22	15.008	8.855	0.59	4.911	14.472	8.538	0.59	5.292	13.668	8.064	0.59	5.626
28	16	11.926	11.807	0.99	4.577	11.390	11.276	0.99	4.911	10.854	10.745	0.99	5.316
28	18	12.864	11.192	0.87	4.696	12.462	10.842	0.87	5.054	11.658	10.142	0.87	5.436
28	20	13.936	10.452	0.75	4.816	13.400	10.050	0.75	5.149	12.596	9.447	0.75	5.531
28	22	15.008	9.455	0.63	4.911	14.472	9.117	0.63	5.292	13.668	8.611	0.63	5.626
30	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
30	18	12.864	12.221	0.95	4.696	12.462	11.839	0.95	5.054	11.658	11.075	0.95	5.436
30	20	13.936	11.567	0.83	4.816	13.400	11.122	0.83	5.149	12.596	10.455	0.83	5.531
30	22	15.008	10.656	0.71	4.911	14.472	10.275	0.71	5.292	13.668	9.704	0.71	5.626
32	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
32	18	12.864	12.864	1.00	4.696	12.462	12.462	1.00	5.054	11.658	11.658	1.00	5.436
32	20	13.936	12.682	0.91	4.816	13.400	12.194	0.91	5.149	12.596	11.462	0.91	5.531
32	22	15.008	11.856	0.79	4.911	14.472	11.433	0.79	5.292	13.668	10.798	0.79	5.626
34	16	11.926	11.926	1.00	4.577	11.390	11.390	1.00	4.911	10.854	10.854	1.00	5.316
34	18	12.864	12.864	1.00	4.696	12.462	12.462	1.00	5.054	11.658	11.658	1.00	5.436
34	20	13.936	13.797	0.99	4.816	13.400	13.266	0.99	5.149	12.596	12.470	0.99	5.531
34	22	15.008	13.057	0.87	4.911	14.472	12.591	0.87	5.292	13.668	11.891	0.87	5.626

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

COOLING CAPACITY
PEA-M200LA2 / PUZ-M200YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	18.810	13.167	0.70	4.871	18.240	12.768	0.70	5.145	17.670	12.369	0.70	5.450
20	18	20.140	11.681	0.58	4.963	19.570	11.351	0.58	5.237	18.905	10.965	0.58	5.602
20	20	21.660	9.964	0.46	5.115	21.185	9.745	0.46	5.358	20.615	9.483	0.46	5.724
22	16	18.810	14.672	0.78	4.871	18.240	14.227	0.78	5.145	17.670	13.783	0.78	5.450
22	18	20.140	13.292	0.66	4.963	19.570	12.916	0.66	5.237	18.905	12.477	0.66	5.602
22	20	21.660	11.696	0.54	5.115	21.185	11.440	0.54	5.358	20.615	11.132	0.54	5.724
24	16	18.810	16.177	0.86	4.871	18.240	15.686	0.86	5.145	17.670	15.196	0.86	5.450
24	18	20.140	14.904	0.74	4.963	19.570	14.482	0.74	5.237	18.905	13.990	0.74	5.602
24	20	21.660	13.429	0.62	5.115	21.185	13.135	0.62	5.358	20.615	12.781	0.62	5.724
24	22	23.085	11.543	0.50	5.237	22.610	11.305	0.50	5.541	22.040	11.020	0.50	5.906
26	16	18.810	17.681	0.94	4.871	18.240	17.146	0.94	5.145	17.670	16.610	0.94	5.450
26	18	20.140	16.515	0.82	4.963	19.570	16.047	0.82	5.237	18.905	15.502	0.82	5.602
26	20	21.660	15.162	0.70	5.115	21.185	14.830	0.70	5.358	20.615	14.431	0.70	5.724
26	22	23.085	13.389	0.58	5.237	22.610	13.114	0.58	5.541	22.040	12.783	0.58	5.906
27	16	18.810	18.434	0.98	4.871	18.240	17.875	0.98	5.145	17.670	17.317	0.98	5.450
27	18	20.140	17.320	0.86	4.963	19.570	16.830	0.86	5.237	18.905	16.258	0.86	5.602
27	20	21.660	16.028	0.74	5.115	21.185	15.677	0.74	5.358	20.615	15.255	0.74	5.724
27	22	23.085	14.313	0.62	5.237	22.610	14.018	0.62	5.541	22.040	13.665	0.62	5.906
28	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
28	18	20.140	18.126	0.90	4.963	19.570	17.613	0.90	5.237	18.905	17.015	0.90	5.602
28	20	21.660	16.895	0.78	5.115	21.185	16.524	0.78	5.358	20.615	16.080	0.78	5.724
28	22	23.085	15.236	0.66	5.237	22.610	14.923	0.66	5.541	22.040	14.546	0.66	5.906
30	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
30	18	20.140	19.737	0.98	4.963	19.570	19.179	0.98	5.237	18.905	18.527	0.98	5.602
30	20	21.660	18.628	0.86	5.115	21.185	18.219	0.86	5.358	20.615	17.729	0.86	5.724
30	22	23.085	17.083	0.74	5.237	22.610	16.731	0.74	5.541	22.040	16.310	0.74	5.906
32	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
32	18	20.140	20.140	1.00	4.963	19.570	19.570	1.00	5.237	18.905	18.905	1.00	5.602
32	20	21.660	20.360	0.94	5.115	21.185	19.914	0.94	5.358	20.615	19.378	0.94	5.724
32	22	23.085	18.930	0.82	5.237	22.610	18.540	0.82	5.541	22.040	18.073	0.82	5.906
34	16	18.810	18.810	1.00	4.871	18.240	18.240	1.00	5.145	17.670	17.670	1.00	5.450
34	18	20.140	20.140	1.00	4.963	19.570	19.570	1.00	5.237	18.905	18.905	1.00	5.602
34	20	21.660	21.660	1.00	5.115	21.185	21.185	1.00	5.358	20.615	20.615	1.00	5.724
34	22	23.085	20.777	0.90	5.237	22.610	20.349	0.90	5.541	22.040	19.836	0.90	5.906

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	16.910	11.837	0.70	5.845	16.150	11.305	0.70	6.272	15.390	10.773	0.70	6.789
20	18	18.240	10.579	0.58	5.998	17.670	10.249	0.58	6.454	16.530	9.587	0.58	6.941
20	20	19.760	9.090	0.46	6.150	19.000	8.740	0.46	6.576	17.860	8.216	0.46	7.063
22	16	16.910	13.190	0.78	5.845	16.150	12.597	0.78	6.272	15.390	12.004	0.78	6.789
22	18	18.240	12.038	0.66	5.998	17.670	11.662	0.66	6.454	16.530	10.910	0.66	6.941
22	20	19.760	10.670	0.54	6.150	19.000	10.260	0.54	6.576	17.860	9.644	0.54	7.063
24	16	16.910	14.543	0.86	5.845	16.150	13.889	0.86	6.272	15.390	13.235	0.86	6.789
24	18	18.240	13.498	0.74	5.998	17.670	13.076	0.74	6.454	16.530	12.232	0.74	6.941
24	20	19.760	12.251	0.62	6.150	19.000	11.780	0.62	6.576	17.860	11.073	0.62	7.063
24	22	21.280	10.640	0.50	6.272	20.520	10.260	0.50	6.759	19.380	9.690	0.50	7.185
26	16	16.910	15.895	0.94	5.845	16.150	15.181	0.94	6.272	15.390	14.467	0.94	6.789
26	18	18.240	14.957	0.82	5.998	17.670	14.489	0.82	6.454	16.530	13.555	0.82	6.941
26	20	19.760	13.832	0.70	6.150	19.000	13.300	0.70	6.576	17.860	12.502	0.70	7.063
26	22	21.280	12.342	0.58	6.272	20.520	11.902	0.58	6.759	19.380	11.240	0.58	7.185
27	16	16.910	16.572	0.98	5.845	16.150	15.827	0.98	6.272	15.390	15.082	0.98	6.789
27	18	18.240	15.686	0.86	5.998	17.670	15.196	0.86	6.454	16.530	14.216	0.86	6.941
27	20	19.760	14.622	0.74	6.150	19.000	14.060	0.74	6.576	17.860	13.216	0.74	7.063
27	22	21.280	13.194	0.62	6.272	20.520	12.722	0.62	6.759	19.380	12.016	0.62	7.185
28	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
28	18	18.240	16.416	0.90	5.998	17.670	15.903	0.90	6.454	16.530	14.877	0.90	6.941
28	20	19.760	15.413	0.78	6.150	19.000	14.820	0.78	6.576	17.860	13.931	0.78	7.063
28	22	21.280	14.045	0.66	6.272	20.520	13.543	0.66	6.759	19.380	12.791	0.66	7.185
30	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
30	18	18.240	17.875	0.98	5.998	17.670	17.317	0.98	6.454	16.530	16.199	0.98	6.941
30	20	19.760	16.994	0.86	6.150	19.000	16.340	0.86	6.576	17.860	15.360	0.86	7.063
30	22	21.280	15.747	0.74	6.272	20.520	15.185	0.74	6.759	19.380	14.341	0.74	7.185
32	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
32	18	18.240	18.240	1.00	5.998	17.670	17.670	1.00	6.454	16.530	16.530	1.00	6.941
32	20	19.760	18.574	0.94	6.150	19.000	17.860	0.94	6.576	17.860	16.788	0.94	7.063
32	22	21.280	17.450	0.82	6.272	20.520	16.826	0.82	6.759	19.380	15.892	0.82	7.185
34	16	16.910	16.910	1.00	5.845	16.150	16.150	1.00	6.272	15.390	15.390	1.00	6.789
34	18	18.240	18.240	1.00	5.998	17.670	17.670	1.00	6.454	16.530	16.530	1.00	6.941
34	20	19.760	19.760	1.00	6.150	19.000	19.000	1.00	6.576	17.860	17.860	1.00	7.063
34	22	21.280	19.152	0.90	6.272	20.520	18.468	0.90	6.759	19.380	17.442	0.90	7.185

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

COOLING CAPACITY
PEA-M250LA2 / PUZ-M250YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	21.780	15.028	0.69	5.866	21.120	14.573	0.69	6.196	20.460	14.117	0.69	6.563
20	18	23.320	13.292	0.57	5.976	22.660	12.916	0.57	6.306	21.890	12.477	0.57	6.746
20	20	25.080	11.286	0.45	6.160	24.530	11.039	0.45	6.453	23.870	10.742	0.45	6.893
22	16	21.780	16.771	0.77	5.866	21.120	16.262	0.77	6.196	20.460	15.754	0.77	6.563
22	18	23.320	15.158	0.65	5.976	22.660	14.729	0.65	6.306	21.890	14.229	0.65	6.746
22	20	25.080	13.292	0.53	6.160	24.530	13.001	0.53	6.453	23.870	12.651	0.53	6.893
24	16	21.780	18.513	0.85	5.866	21.120	17.952	0.85	6.196	20.460	17.391	0.85	6.563
24	18	23.320	17.024	0.73	5.976	22.660	16.542	0.73	6.306	21.890	15.980	0.73	6.746
24	20	25.080	15.299	0.61	6.160	24.530	14.963	0.61	6.453	23.870	14.561	0.61	6.893
24	22	26.730	13.098	0.49	6.306	26.180	12.828	0.49	6.673	25.520	12.505	0.49	7.113
26	16	21.780	20.255	0.93	5.866	21.120	19.642	0.93	6.196	20.460	19.028	0.93	6.563
26	18	23.320	18.889	0.81	5.976	22.660	18.355	0.81	6.306	21.890	17.731	0.81	6.746
26	20	25.080	17.305	0.69	6.160	24.530	16.926	0.69	6.453	23.870	16.470	0.69	6.893
26	22	26.730	15.236	0.57	6.306	26.180	14.923	0.57	6.673	25.520	14.546	0.57	7.113
27	16	21.780	21.127	0.97	5.866	21.120	20.486	0.97	6.196	20.460	19.846	0.97	6.563
27	18	23.320	19.822	0.85	5.976	22.660	19.261	0.85	6.306	21.890	18.607	0.85	6.746
27	20	25.080	18.308	0.73	6.160	24.530	17.907	0.73	6.453	23.870	17.425	0.73	6.893
27	22	26.730	16.305	0.61	6.306	26.180	15.970	0.61	6.673	25.520	15.567	0.61	7.113
28	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
28	18	23.320	20.755	0.89	5.976	22.660	20.167	0.89	6.306	21.890	19.482	0.89	6.746
28	20	25.080	19.312	0.77	6.160	24.530	18.888	0.77	6.453	23.870	18.380	0.77	6.893
28	22	26.730	17.375	0.65	6.306	26.180	17.017	0.65	6.673	25.520	16.588	0.65	7.113
30	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
30	18	23.320	22.620	0.97	5.976	22.660	21.980	0.97	6.306	21.890	21.233	0.97	6.746
30	20	25.080	21.318	0.85	6.160	24.530	20.851	0.85	6.453	23.870	20.290	0.85	6.893
30	22	26.730	19.513	0.73	6.306	26.180	19.111	0.73	6.673	25.520	18.630	0.73	7.113
32	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
32	18	23.320	23.320	1.00	5.976	22.660	22.660	1.00	6.306	21.890	21.890	1.00	6.746
32	20	25.080	23.324	0.93	6.160	24.530	22.813	0.93	6.453	23.870	22.199	0.93	6.893
32	22	26.730	21.651	0.81	6.306	26.180	21.206	0.81	6.673	25.520	20.671	0.81	7.113
34	16	21.780	21.780	1.00	5.866	21.120	21.120	1.00	6.196	20.460	20.460	1.00	6.563
34	18	23.320	23.320	1.00	5.976	22.660	22.660	1.00	6.306	21.890	21.890	1.00	6.746
34	20	25.080	25.080	1.00	6.160	24.530	24.530	1.00	6.453	23.870	23.870	1.00	6.893
34	22	26.730	23.790	0.89	6.306	26.180	23.300	0.89	6.673	25.520	22.713	0.89	7.113

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	19.580	13.510	0.69	7.040	18.700	12.903	0.69	7.553	17.820	12.296	0.69	8.176
20	18	21.120	12.038	0.57	7.223	20.460	11.662	0.57	7.773	19.140	10.910	0.57	8.360
20	20	22.880	10.296	0.45	7.406	22.000	9.900	0.45	7.920	20.680	9.306	0.45	8.506
22	16	19.580	15.077	0.77	7.040	18.700	14.399	0.77	7.553	17.820	13.721	0.77	8.176
22	18	21.120	13.728	0.65	7.223	20.460	13.299	0.65	7.773	19.140	12.441	0.65	8.360
22	20	22.880	12.126	0.53	7.406	22.000	11.660	0.53	7.920	20.680	10.960	0.53	8.506
24	16	19.580	16.643	0.85	7.040	18.700	15.895	0.85	7.553	17.820	15.147	0.85	8.176
24	18	21.120	15.418	0.73	7.223	20.460	14.936	0.73	7.773	19.140	13.972	0.73	8.360
24	20	22.880	13.957	0.61	7.406	22.000	13.420	0.61	7.920	20.680	12.615	0.61	8.506
24	22	24.640	12.074	0.49	7.553	23.760	11.642	0.49	8.140	22.440	10.996	0.49	8.653
26	16	19.580	18.209	0.93	7.040	18.700	17.391	0.93	7.553	17.820	16.573	0.93	8.176
26	18	21.120	17.107	0.81	7.223	20.460	16.573	0.81	7.773	19.140	15.503	0.81	8.360
26	20	22.880	15.787	0.69	7.406	22.000	15.180	0.69	7.920	20.680	14.269	0.69	8.506
26	22	24.640	14.045	0.57	7.553	23.760	13.543	0.57	8.140	22.440	12.791	0.57	8.653
27	16	19.580	18.993	0.97	7.040	18.700	18.139	0.97	7.553	17.820	17.285	0.97	8.176
27	18	21.120	17.952	0.85	7.223	20.460	17.391	0.85	7.773	19.140	16.269	0.85	8.360
27	20	22.880	16.702	0.73	7.406	22.000	16.060	0.73	7.920	20.680	15.096	0.73	8.506
27	22	24.640	15.030	0.61	7.553	23.760	14.494	0.61	8.140	22.440	13.688	0.61	8.653
28	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
28	18	21.120	18.797	0.89	7.223	20.460	18.209	0.89	7.773	19.140	17.035	0.89	8.360
28	20	22.880	17.618	0.77	7.406	22.000	16.940	0.77	7.920	20.680	15.924	0.77	8.506
28	22	24.640	16.016	0.65	7.553	23.760	15.444	0.65	8.140	22.440	14.586	0.65	8.653
30	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
30	18	21.120	20.486	0.97	7.223	20.460	19.846	0.97	7.773	19.140	18.566	0.97	8.360
30	20	22.880	19.448	0.85	7.406	22.000	18.700	0.85	7.920	20.680	17.578	0.85	8.506
30	22	24.640	17.987	0.73	7.553	23.760	17.345	0.73	8.140	22.440	16.381	0.73	8.653
32	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
32	18	21.120	21.120	1.00	7.223	20.460	20.460	1.00	7.773	19.140	19.140	1.00	8.360
32	20	22.880	21.278	0.93	7.406	22.000	20.460	0.93	7.920	20.680	19.232	0.93	8.506
32	22	24.640	19.958	0.81	7.553	23.760	19.246	0.81	8.140	22.440	18.176	0.81	8.653
34	16	19.580	19.580	1.00	7.040	18.700	18.700	1.00	7.553	17.820	17.820	1.00	8.176
34	18	21.120	21.120	1.00	7.223	20.460	20.460	1.00	7.773	19.140	19.140	1.00	8.360
34	20	22.880	22.880	1.00	7.406	22.000	22.000	1.00	7.920	20.680	20.680	1.00	8.506
34	22	24.640	21.930	0.89	7.553	23.760	21.146	0.89	8.140	22.440	19.972	0.89	8.653

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

COOLING CAPACITY
PEAD-SM35JA(L) / SUZ-SM35VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.834	0.67	0.891	4.050	2.714	0.67	0.936	3.888	2.605	0.67	0.980	3.744	2.508	0.67	1.025
21	20	4.410	2.426	0.55	0.936	4.230	2.327	0.55	0.991	4.104	2.257	0.55	1.014	3.960	2.178	0.55	1.058
22	18	4.230	3.003	0.71	0.891	4.050	2.876	0.71	0.936	3.888	2.760	0.71	0.980	3.744	2.658	0.71	1.025
22	20	4.410	2.602	0.59	0.936	4.230	2.496	0.59	0.991	4.104	2.421	0.59	1.014	3.960	2.336	0.59	1.058
22	22	4.590	2.157	0.47	0.969	4.428	2.081	0.47	1.030	4.320	2.030	0.47	1.058	4.140	1.946	0.47	1.103
23	18	4.230	3.173	0.75	0.891	4.050	3.038	0.75	0.936	3.888	2.916	0.75	0.980	3.744	2.808	0.75	1.025
23	20	4.410	2.778	0.63	0.936	4.230	2.665	0.63	0.991	4.104	2.586	0.63	1.014	3.960	2.495	0.63	1.058
23	22	4.590	2.341	0.51	0.969	4.428	2.258	0.51	1.030	4.320	2.203	0.51	1.058	4.140	2.111	0.51	1.103
24	18	4.230	3.342	0.79	0.891	4.050	3.200	0.79	0.936	3.888	3.072	0.79	0.980	3.744	2.958	0.79	1.025
24	20	4.410	2.955	0.67	0.936	4.230	2.834	0.67	0.991	4.104	2.750	0.67	1.014	3.960	2.653	0.67	1.058
24	22	4.590	2.525	0.55	0.969	4.428	2.435	0.55	1.030	4.320	2.376	0.55	1.058	4.140	2.277	0.55	1.103
24	24	4.824	2.074	0.43	1.014	4.644	1.997	0.43	1.069	4.536	1.950	0.43	1.103	4.392	1.889	0.43	1.159
25	20	4.410	3.131	0.71	0.936	4.230	3.003	0.71	0.991	4.104	2.914	0.71	1.014	3.960	2.812	0.71	1.058
25	22	4.590	2.708	0.59	0.969	4.428	2.613	0.59	1.030	4.320	2.549	0.59	1.058	4.140	2.443	0.59	1.103
25	24	4.824	2.267	0.47	1.014	4.644	2.183	0.47	1.069	4.536	2.132	0.47	1.103	4.392	2.064	0.47	1.159
26	18	4.230	3.680	0.87	0.891	4.050	3.524	0.87	0.936	3.888	3.383	0.87	0.980	3.744	3.257	0.87	1.025
26	20	4.410	3.308	0.75	0.936	4.230	3.173	0.75	0.991	4.104	3.078	0.75	1.014	3.960	2.970	0.75	1.058
26	22	4.590	2.892	0.63	0.969	4.428	2.790	0.63	1.030	4.320	2.722	0.63	1.058	4.140	2.608	0.63	1.103
26	24	4.824	2.460	0.51	1.014	4.644	2.368	0.51	1.069	4.536	2.313	0.51	1.103	4.392	2.240	0.51	1.159
26	26	4.968	1.938	0.39	1.069	4.824	1.881	0.39	1.125	4.752	1.853	0.39	1.159	4.608	1.797	0.39	1.192
27	18	4.230	3.849	0.91	0.891	4.050	3.686	0.91	0.936	3.888	3.538	0.91	0.980	3.744	3.407	0.91	1.025
27	20	4.410	3.484	0.79	0.936	4.230	3.342	0.79	0.991	4.104	3.242	0.79	1.014	3.960	3.128	0.79	1.058
27	22	4.590	3.075	0.67	0.969	4.428	2.967	0.67	1.030	4.320	2.894	0.67	1.058	4.140	2.774	0.67	1.103
27	24	4.824	2.653	0.55	1.014	4.644	2.554	0.55	1.069	4.536	2.495	0.55	1.103	4.392	2.416	0.55	1.159
27	26	4.968	2.136	0.43	1.069	4.824	2.074	0.43	1.125	4.752	2.043	0.43	1.159	4.608	1.981	0.43	1.192
28	18	4.230	4.019	0.95	0.891	4.050	3.848	0.95	0.936	3.888	3.694	0.95	0.980	3.744	3.557	0.95	1.025
28	20	4.410	3.660	0.83	0.936	4.230	3.511	0.83	0.991	4.104	3.406	0.83	1.014	3.960	3.287	0.83	1.058
28	22	4.590	3.259	0.71	0.969	4.428	3.144	0.71	1.030	4.320	3.067	0.71	1.058	4.140	2.939	0.71	1.103
28	24	4.824	2.846	0.59	1.014	4.644	2.740	0.59	1.069	4.536	2.676	0.59	1.103	4.392	2.591	0.59	1.159
28	26	4.968	2.335	0.47	1.069	4.824	2.267	0.47	1.125	4.752	2.233	0.47	1.159	4.608	2.166	0.47	1.192
29	18	4.230	4.188	0.99	0.891	4.050	4.010	0.99	0.936	3.888	3.849	0.99	0.980	3.744	3.707	0.99	1.025
29	20	4.410	3.837	0.87	0.936	4.230	3.680	0.87	0.991	4.104	3.570	0.87	1.014	3.960	3.445	0.87	1.058
29	22	4.590	3.443	0.75	0.969	4.428	3.321	0.75	1.030	4.320	3.240	0.75	1.058	4.140	3.105	0.75	1.103
29	24	4.824	3.039	0.63	1.014	4.644	2.926	0.63	1.069	4.536	2.858	0.63	1.103	4.392	2.767	0.63	1.159
29	26	4.968	2.534	0.51	1.069	4.824	2.460	0.51	1.125	4.752	2.424	0.51	1.159	4.608	2.350	0.51	1.192
30	18	4.230	4.230	1.00	0.891	4.050	4.050	1.00	0.936	3.888	3.888	1.00	0.980	3.744	3.744	1.00	1.025
30	20	4.410	4.013	0.91	0.936	4.230	3.849	0.91	0.991	4.104	3.735	0.91	1.014	3.960	3.604	0.91	1.058
30	22	4.590	3.626	0.79	0.969	4.428	3.498	0.79	1.030	4.320	3.413	0.79	1.058	4.140	3.271	0.79	1.103
30	24	4.824	3.232	0.67	1.014	4.644	3.111	0.67	1.069	4.536	3.039	0.67	1.103	4.392	2.943	0.67	1.159
30	26	4.968	2.732	0.55	1.069	4.824	2.653	0.55	1.125	4.752	2.614	0.55	1.159	4.608	2.534	0.55	1.192
31	18	4.230	4.230	1.00	0.891	4.050	4.050	1.00	0.936	3.888	3.888	1.00	0.980	3.744	3.744	1.00	1.025
31	20	4.410	4.190	0.95	0.936	4.230	4.019	0.95	0.991	4.104	3.899	0.95	1.014	3.960	3.762	0.95	1.058
31	22	4.590	3.810	0.83	0.969	4.428	3.675	0.83	1.030	4.320	3.586	0.83	1.058	4.140	3.436	0.83	1.103
31	24	4.824	3.425	0.71	1.014	4.644	3.297	0.71	1.069	4.536	3.221	0.71	1.103	4.392	3.118	0.71	1.159
31	26	4.968	2.931	0.59	1.069	4.824	2.846	0.59	1.125	4.752	2.804	0.59	1.159	4.608	2.719	0.59	1.192
32	18	4.230	4.230	1.00	0.891	4.050	4.050	1.00	0.936	3.888	3.888	1.00	0.980	3.744	3.744	1.00	1.025
32	20	4.410	4.366	0.99	0.936	4.230	4.188	0.99	0.991	4.104	4.063	0.99	1.014	3.960	3.920	0.99	1.058
32	22	4.590	3.993	0.87	0.969	4.428	3.852	0.87	1.030	4.320	3.758	0.87	1.058	4.140	3.602	0.87	1.103
32	24	4.824	3.618	0.75	1.014	4.644	3.483	0.75	1.069	4.536	3.402	0.75	1.103	4.392	3.294	0.75	1.159
32	26	4.968	3.130	0.63	1.069	4.824	3.039	0.63	1.125	4.752	2.994	0.63	1.159	4.608	2.903	0.63	1.192

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

COOLING CAPACITY
PEAD-SM35JA(L) / SUZ-SM35VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	1.092	3.240	2.171	0.67	1.159	2.988	2.002	0.67	1.203
21	20	3.708	2.039	0.55	1.136	3.456	1.901	0.55	1.192	3.204	1.762	0.55	1.259
22	18	3.528	2.505	0.71	1.092	3.240	2.300	0.71	1.159	2.988	2.121	0.71	1.203
22	20	3.708	2.188	0.59	1.136	3.456	2.039	0.59	1.192	3.204	1.890	0.59	1.259
22	22	3.924	1.844	0.47	1.181	3.672	1.726	0.47	1.248	3.420	1.607	0.47	1.292
23	18	3.528	2.646	0.75	1.092	3.240	2.430	0.75	1.159	2.988	2.241	0.75	1.203
23	20	3.708	2.336	0.63	1.136	3.456	2.177	0.63	1.192	3.204	2.019	0.63	1.259
23	22	3.924	2.001	0.51	1.181	3.672	1.873	0.51	1.248	3.420	1.744	0.51	1.292
24	18	3.528	2.787	0.79	1.092	3.240	2.560	0.79	1.159	2.988	2.361	0.79	1.203
24	20	3.708	2.484	0.67	1.136	3.456	2.316	0.67	1.192	3.204	2.147	0.67	1.259
24	22	3.924	2.158	0.55	1.181	3.672	2.020	0.55	1.248	3.420	1.881	0.55	1.292
24	24	4.140	1.780	0.43	1.225	3.888	1.672	0.43	1.281	3.672	1.579	0.43	1.337
25	20	3.708	2.633	0.71	1.136	3.456	2.454	0.71	1.192	3.204	2.275	0.71	1.259
25	22	3.924	2.315	0.59	1.181	3.672	2.166	0.59	1.248	3.420	2.018	0.59	1.292
25	24	4.140	1.946	0.47	1.225	3.888	1.827	0.47	1.281	3.672	1.726	0.47	1.337
26	18	3.528	3.069	0.87	1.092	3.240	2.819	0.87	1.159	2.988	2.600	0.87	1.203
26	20	3.708	2.781	0.75	1.136	3.456	2.592	0.75	1.192	3.204	2.403	0.75	1.259
26	22	3.924	2.472	0.63	1.181	3.672	2.313	0.63	1.248	3.420	2.155	0.63	1.292
26	24	4.140	2.111	0.51	1.225	3.888	1.983	0.51	1.281	3.672	1.873	0.51	1.337
26	26	4.356	1.699	0.39	1.270	4.104	1.601	0.39	1.326	3.852	1.502	0.39	1.381
27	18	3.528	3.210	0.91	1.092	3.240	2.948	0.91	1.159	2.988	2.719	0.91	1.203
27	20	3.708	2.929	0.79	1.136	3.456	2.730	0.79	1.192	3.204	2.531	0.79	1.259
27	22	3.924	2.629	0.67	1.181	3.672	2.460	0.67	1.248	3.420	2.291	0.67	1.292
27	24	4.140	2.277	0.55	1.225	3.888	2.138	0.55	1.281	3.672	2.020	0.55	1.337
27	26	4.356	1.873	0.43	1.270	4.104	1.765	0.43	1.326	3.852	1.656	0.43	1.381
28	18	3.528	3.352	0.95	1.092	3.240	3.078	0.95	1.159	2.988	2.839	0.95	1.203
28	20	3.708	3.078	0.83	1.136	3.456	2.868	0.83	1.192	3.204	2.659	0.83	1.259
28	22	3.924	2.786	0.71	1.181	3.672	2.607	0.71	1.248	3.420	2.428	0.71	1.292
28	24	4.140	2.443	0.59	1.225	3.888	2.294	0.59	1.281	3.672	2.166	0.59	1.337
28	26	4.356	2.047	0.47	1.270	4.104	1.929	0.47	1.326	3.852	1.810	0.47	1.381
29	18	3.528	3.493	0.99	1.092	3.240	3.208	0.99	1.159	2.988	2.958	0.99	1.203
29	20	3.708	3.226	0.87	1.136	3.456	3.007	0.87	1.192	3.204	2.787	0.87	1.259
29	22	3.924	2.943	0.75	1.181	3.672	2.754	0.75	1.248	3.420	2.565	0.75	1.292
29	24	4.140	2.608	0.63	1.225	3.888	2.449	0.63	1.281	3.672	2.313	0.63	1.337
29	26	4.356	2.222	0.51	1.270	4.104	2.093	0.51	1.326	3.852	1.965	0.51	1.381
30	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
30	20	3.708	3.374	0.91	1.136	3.456	3.145	0.91	1.192	3.204	2.916	0.91	1.259
30	22	3.924	3.100	0.79	1.181	3.672	2.901	0.79	1.248	3.420	2.702	0.79	1.292
30	24	4.140	2.774	0.67	1.225	3.888	2.605	0.67	1.281	3.672	2.460	0.67	1.337
30	26	4.356	2.396	0.55	1.270	4.104	2.257	0.55	1.326	3.852	2.119	0.55	1.381
31	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
31	20	3.708	3.523	0.95	1.136	3.456	3.283	0.95	1.192	3.204	3.044	0.95	1.259
31	22	3.924	3.257	0.83	1.181	3.672	3.048	0.83	1.248	3.420	2.839	0.83	1.292
31	24	4.140	2.939	0.71	1.225	3.888	2.760	0.71	1.281	3.672	2.607	0.71	1.337
31	26	4.356	2.570	0.59	1.270	4.104	2.421	0.59	1.326	3.852	2.273	0.59	1.381
32	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
32	20	3.708	3.671	0.99	1.136	3.456	3.421	0.99	1.192	3.204	3.172	0.99	1.259
32	22	3.924	3.414	0.87	1.181	3.672	3.195	0.87	1.248	3.420	2.975	0.87	1.292
32	24	4.140	3.105	0.75	1.225	3.888	2.916	0.75	1.281	3.672	2.754	0.75	1.337
32	26	4.356	2.744	0.63	1.270	4.104	2.586	0.63	1.326	3.852	2.427	0.63	1.381

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

COOLING CAPACITY
PEAD-SM50JA(L) / SUZ-SM50VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.878	0.66	1.238	5.625	3.713	0.66	1.299	5.400	3.564	0.66	1.361	5.200	3.432	0.66	1.423
21	20	6.125	3.308	0.54	1.299	5.875	3.173	0.54	1.377	5.700	3.078	0.54	1.408	5.500	2.970	0.54	1.470
22	18	5.875	4.113	0.70	1.238	5.625	3.938	0.70	1.299	5.400	3.780	0.70	1.361	5.200	3.640	0.70	1.423
22	20	6.125	3.553	0.58	1.299	5.875	3.408	0.58	1.377	5.700	3.306	0.58	1.408	5.500	3.190	0.58	1.470
22	22	6.375	2.933	0.46	1.346	6.150	2.829	0.46	1.431	6.000	2.760	0.46	1.470	5.750	2.645	0.46	1.532
23	18	5.875	4.348	0.74	1.238	5.625	4.163	0.74	1.299	5.400	3.996	0.74	1.361	5.200	3.848	0.74	1.423
23	20	6.125	3.798	0.62	1.299	5.875	3.643	0.62	1.377	5.700	3.534	0.62	1.408	5.500	3.410	0.62	1.470
23	22	6.375	3.188	0.50	1.346	6.150	3.075	0.50	1.431	6.000	3.000	0.50	1.470	5.750	2.875	0.50	1.532
24	18	5.875	4.583	0.78	1.238	5.625	4.388	0.78	1.299	5.400	4.212	0.78	1.361	5.200	4.056	0.78	1.423
24	20	6.125	4.043	0.66	1.299	5.875	3.878	0.66	1.377	5.700	3.762	0.66	1.408	5.500	3.630	0.66	1.470
24	22	6.375	3.443	0.54	1.346	6.150	3.321	0.54	1.431	6.000	3.240	0.54	1.470	5.750	3.105	0.54	1.532
24	24	6.700	2.814	0.42	1.408	6.450	2.709	0.42	1.485	6.300	2.646	0.42	1.532	6.100	2.562	0.42	1.609
25	20	6.125	4.288	0.70	1.299	5.875	4.113	0.70	1.377	5.700	3.990	0.70	1.408	5.500	3.850	0.70	1.470
25	22	6.375	3.698	0.58	1.346	6.150	3.567	0.58	1.431	6.000	3.480	0.58	1.470	5.750	3.335	0.58	1.532
25	24	6.700	3.082	0.46	1.408	6.450	2.967	0.46	1.485	6.300	2.898	0.46	1.532	6.100	2.806	0.46	1.609
26	18	5.875	5.053	0.86	1.238	5.625	4.838	0.86	1.299	5.400	4.644	0.86	1.361	5.200	4.472	0.86	1.423
26	20	6.125	4.533	0.74	1.299	5.875	4.348	0.74	1.377	5.700	4.218	0.74	1.408	5.500	4.070	0.74	1.470
26	22	6.375	3.953	0.62	1.346	6.150	3.813	0.62	1.431	6.000	3.720	0.62	1.470	5.750	3.565	0.62	1.532
26	24	6.700	3.350	0.50	1.408	6.450	3.225	0.50	1.485	6.300	3.150	0.50	1.532	6.100	3.050	0.50	1.609
26	26	6.900	2.622	0.38	1.485	6.700	2.546	0.38	1.562	6.600	2.508	0.38	1.609	6.400	2.432	0.38	1.655
27	18	5.875	5.288	0.90	1.238	5.625	5.063	0.90	1.299	5.400	4.860	0.90	1.361	5.200	4.680	0.90	1.423
27	20	6.125	4.778	0.78	1.299	5.875	4.583	0.78	1.377	5.700	4.446	0.78	1.408	5.500	4.290	0.78	1.470
27	22	6.375	4.208	0.66	1.346	6.150	4.059	0.66	1.431	6.000	3.960	0.66	1.470	5.750	3.795	0.66	1.532
27	24	6.700	3.618	0.54	1.408	6.450	3.483	0.54	1.485	6.300	3.402	0.54	1.532	6.100	3.294	0.54	1.609
27	26	6.900	2.898	0.42	1.485	6.700	2.814	0.42	1.562	6.600	2.772	0.42	1.609	6.400	2.688	0.42	1.655
28	18	5.875	5.523	0.94	1.238	5.625	5.288	0.94	1.299	5.400	5.076	0.94	1.361	5.200	4.888	0.94	1.423
28	20	6.125	5.023	0.82	1.299	5.875	4.818	0.82	1.377	5.700	4.674	0.82	1.408	5.500	4.510	0.82	1.470
28	22	6.375	4.463	0.70	1.346	6.150	4.305	0.70	1.431	6.000	4.200	0.70	1.470	5.750	4.025	0.70	1.532
28	24	6.700	3.886	0.58	1.408	6.450	3.741	0.58	1.485	6.300	3.654	0.58	1.532	6.100	3.538	0.58	1.609
28	26	6.900	3.174	0.46	1.485	6.700	3.082	0.46	1.562	6.600	3.036	0.46	1.609	6.400	2.944	0.46	1.655
29	18	5.875	5.758	0.98	1.238	5.625	5.513	0.98	1.299	5.400	5.292	0.98	1.361	5.200	5.096	0.98	1.423
29	20	6.125	5.268	0.86	1.299	5.875	5.053	0.86	1.377	5.700	4.902	0.86	1.408	5.500	4.730	0.86	1.470
29	22	6.375	4.718	0.74	1.346	6.150	4.551	0.74	1.431	6.000	4.440	0.74	1.470	5.750	4.255	0.74	1.532
29	24	6.700	4.154	0.62	1.408	6.450	3.999	0.62	1.485	6.300	3.906	0.62	1.532	6.100	3.782	0.62	1.609
29	26	6.900	3.450	0.50	1.485	6.700	3.350	0.50	1.562	6.600	3.300	0.50	1.609	6.400	3.200	0.50	1.655
30	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
30	20	6.125	5.513	0.90	1.299	5.875	5.288	0.90	1.377	5.700	5.130	0.90	1.408	5.500	4.950	0.90	1.470
30	22	6.375	4.973	0.78	1.346	6.150	4.797	0.78	1.431	6.000	4.680	0.78	1.470	5.750	4.485	0.78	1.532
30	24	6.700	4.422	0.66	1.408	6.450	4.257	0.66	1.485	6.300	4.158	0.66	1.532	6.100	4.026	0.66	1.609
30	26	6.900	3.726	0.54	1.485	6.700	3.618	0.54	1.562	6.600	3.564	0.54	1.609	6.400	3.456	0.54	1.655
31	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
31	20	6.125	5.758	0.94	1.299	5.875	5.523	0.94	1.377	5.700	5.358	0.94	1.408	5.500	5.170	0.94	1.470
31	22	6.375	5.228	0.82	1.346	6.150	5.043	0.82	1.431	6.000	4.920	0.82	1.470	5.750	4.715	0.82	1.532
31	24	6.700	4.690	0.70	1.408	6.450	4.515	0.70	1.485	6.300	4.410	0.70	1.532	6.100	4.270	0.70	1.609
31	26	6.900	4.002	0.58	1.485	6.700	3.886	0.58	1.562	6.600	3.828	0.58	1.609	6.400	3.712	0.58	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	6.003	0.98	1.299	5.875	5.758	0.98	1.377	5.700	5.586	0.98	1.408	5.500	5.390	0.98	1.470
32	22	6.375	5.483	0.86	1.346	6.150	5.289	0.86	1.431	6.000	5.160	0.86	1.470	5.750	4.945	0.86	1.532
32	24	6.700	4.958	0.74	1.408	6.450	4.773	0.74	1.485	6.300	4.662	0.74	1.532	6.100	4.514	0.74	1.609
32	26	6.900	4.278	0.62	1.485	6.700	4.154	0.62	1.562	6.600	4.092	0.62	1.609	6.400	3.968	0.62	1.655

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

Slim Economy

COOLING CAPACITY
PEAD-SM50JA(L) / SUZ-SM50VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	3.234	0.66	1.516	4.500	2.970	0.66	1.609	4.150	2.739	0.66	1.671
21	20	5.150	2.781	0.54	1.578	4.800	2.592	0.54	1.655	4.450	2.403	0.54	1.748
22	18	4.900	3.430	0.70	1.516	4.500	3.150	0.70	1.609	4.150	2.905	0.70	1.671
22	20	5.150	2.987	0.58	1.578	4.800	2.784	0.58	1.655	4.450	2.581	0.58	1.748
22	22	5.450	2.507	0.46	1.640	5.100	2.346	0.46	1.733	4.750	2.185	0.46	1.795
23	18	4.900	3.626	0.74	1.516	4.500	3.330	0.74	1.609	4.150	3.071	0.74	1.671
23	20	5.150	3.193	0.62	1.578	4.800	2.976	0.62	1.655	4.450	2.759	0.62	1.748
23	22	5.450	2.725	0.50	1.640	5.100	2.550	0.50	1.733	4.750	2.375	0.50	1.795
24	18	4.900	3.822	0.78	1.516	4.500	3.510	0.78	1.609	4.150	3.237	0.78	1.671
24	20	5.150	3.399	0.66	1.578	4.800	3.168	0.66	1.655	4.450	2.937	0.66	1.748
24	22	5.450	2.943	0.54	1.640	5.100	2.754	0.54	1.733	4.750	2.565	0.54	1.795
24	24	5.750	2.415	0.42	1.702	5.400	2.268	0.42	1.779	5.100	2.142	0.42	1.856
25	20	5.150	3.605	0.70	1.578	4.800	3.360	0.70	1.655	4.450	3.115	0.70	1.748
25	22	5.450	3.161	0.58	1.640	5.100	2.958	0.58	1.733	4.750	2.755	0.58	1.795
25	24	5.750	2.645	0.46	1.702	5.400	2.484	0.46	1.779	5.100	2.346	0.46	1.856
26	18	4.900	4.214	0.86	1.516	4.500	3.870	0.86	1.609	4.150	3.569	0.86	1.671
26	20	5.150	3.811	0.74	1.578	4.800	3.552	0.74	1.655	4.450	3.293	0.74	1.748
26	22	5.450	3.379	0.62	1.640	5.100	3.162	0.62	1.733	4.750	2.945	0.62	1.795
26	24	5.750	2.875	0.50	1.702	5.400	2.700	0.50	1.779	5.100	2.550	0.50	1.856
26	26	6.050	2.299	0.38	1.764	5.700	2.166	0.38	1.841	5.350	2.033	0.38	1.918
27	18	4.900	4.410	0.90	1.516	4.500	4.050	0.90	1.609	4.150	3.735	0.90	1.671
27	20	5.150	4.017	0.78	1.578	4.800	3.744	0.78	1.655	4.450	3.471	0.78	1.748
27	22	5.450	3.597	0.66	1.640	5.100	3.366	0.66	1.733	4.750	3.135	0.66	1.795
27	24	5.750	3.105	0.54	1.702	5.400	2.916	0.54	1.779	5.100	2.754	0.54	1.856
27	26	6.050	2.541	0.42	1.764	5.700	2.394	0.42	1.841	5.350	2.247	0.42	1.918
28	18	4.900	4.606	0.94	1.516	4.500	4.230	0.94	1.609	4.150	3.901	0.94	1.671
28	20	5.150	4.223	0.82	1.578	4.800	3.936	0.82	1.655	4.450	3.649	0.82	1.748
28	22	5.450	3.815	0.70	1.640	5.100	3.570	0.70	1.733	4.750	3.325	0.70	1.795
28	24	5.750	3.335	0.58	1.702	5.400	3.132	0.58	1.779	5.100	2.958	0.58	1.856
28	26	6.050	2.783	0.46	1.764	5.700	2.622	0.46	1.841	5.350	2.461	0.46	1.918
29	18	4.900	4.802	0.98	1.516	4.500	4.410	0.98	1.609	4.150	4.067	0.98	1.671
29	20	5.150	4.429	0.86	1.578	4.800	4.128	0.86	1.655	4.450	3.827	0.86	1.748
29	22	5.450	4.033	0.74	1.640	5.100	3.774	0.74	1.733	4.750	3.515	0.74	1.795
29	24	5.750	3.565	0.62	1.702	5.400	3.348	0.62	1.779	5.100	3.162	0.62	1.856
29	26	6.050	3.025	0.50	1.764	5.700	2.850	0.50	1.841	5.350	2.675	0.50	1.918
30	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
30	20	5.150	4.635	0.90	1.578	4.800	4.320	0.90	1.655	4.450	4.005	0.90	1.748
30	22	5.450	4.251	0.78	1.640	5.100	3.978	0.78	1.733	4.750	3.705	0.78	1.795
30	24	5.750	3.795	0.66	1.702	5.400	3.564	0.66	1.779	5.100	3.366	0.66	1.856
30	26	6.050	3.267	0.54	1.764	5.700	3.078	0.54	1.841	5.350	2.889	0.54	1.918
31	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
31	20	5.150	4.841	0.94	1.578	4.800	4.512	0.94	1.655	4.450	4.183	0.94	1.748
31	22	5.450	4.469	0.82	1.640	5.100	4.182	0.82	1.733	4.750	3.895	0.82	1.795
31	24	5.750	4.025	0.70	1.702	5.400	3.780	0.70	1.779	5.100	3.570	0.70	1.856
31	26	6.050	3.509	0.58	1.764	5.700	3.306	0.58	1.841	5.350	3.103	0.58	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	5.047	0.98	1.578	4.800	4.704	0.98	1.655	4.450	4.361	0.98	1.748
32	22	5.450	4.687	0.86	1.640	5.100	4.386	0.86	1.733	4.750	4.085	0.86	1.795
32	24	5.750	4.255	0.74	1.702	5.400	3.996	0.74	1.779	5.100	3.774	0.74	1.856
32	26	6.050	3.751	0.62	1.764	5.700	3.534	0.62	1.841	5.350	3.317	0.62	1.918

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

COOLING CAPACITY
PEAD-SM60JA(L) / SUZ-SM60VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.659	0.65	1.510	6.863	4.461	0.65	1.586	6.588	4.282	0.65	1.661	6.344	4.124	0.65	1.737
21	20	7.473	3.961	0.53	1.586	7.168	3.799	0.53	1.680	6.954	3.686	0.53	1.718	6.710	3.556	0.53	1.794
22	18	7.168	4.946	0.69	1.510	6.863	4.735	0.69	1.586	6.588	4.546	0.69	1.661	6.344	4.377	0.69	1.737
22	20	7.473	4.260	0.57	1.586	7.168	4.086	0.57	1.680	6.954	3.964	0.57	1.718	6.710	3.825	0.57	1.794
22	22	7.778	3.500	0.45	1.643	7.503	3.376	0.45	1.746	7.320	3.294	0.45	1.794	7.015	3.157	0.45	1.869
23	18	7.168	5.233	0.73	1.510	6.863	5.010	0.73	1.586	6.588	4.809	0.73	1.661	6.344	4.631	0.73	1.737
23	20	7.473	4.559	0.61	1.586	7.168	4.372	0.61	1.680	6.954	4.242	0.61	1.718	6.710	4.093	0.61	1.794
23	22	7.778	3.811	0.49	1.643	7.503	3.676	0.49	1.746	7.320	3.587	0.49	1.794	7.015	3.437	0.49	1.869
24	18	7.168	5.519	0.77	1.510	6.863	5.285	0.77	1.586	6.588	5.073	0.77	1.661	6.344	4.885	0.77	1.737
24	20	7.473	4.857	0.65	1.586	7.168	4.659	0.65	1.680	6.954	4.520	0.65	1.718	6.710	4.362	0.65	1.794
24	22	7.778	4.122	0.53	1.643	7.503	3.977	0.53	1.746	7.320	3.880	0.53	1.794	7.015	3.718	0.53	1.869
24	24	8.174	3.351	0.41	1.718	7.869	3.226	0.41	1.812	7.686	3.151	0.41	1.869	7.442	3.051	0.41	1.964
25	20	7.473	5.156	0.69	1.586	7.168	4.946	0.69	1.680	6.954	4.798	0.69	1.718	6.710	4.630	0.69	1.794
25	22	7.778	4.433	0.57	1.643	7.503	4.277	0.57	1.746	7.320	4.172	0.57	1.794	7.015	3.999	0.57	1.869
25	24	8.174	3.678	0.45	1.718	7.869	3.541	0.45	1.812	7.686	3.459	0.45	1.869	7.442	3.349	0.45	1.964
26	18	7.168	6.093	0.85	1.510	6.863	5.834	0.85	1.586	6.588	5.600	0.85	1.661	6.344	5.392	0.85	1.737
26	20	7.473	5.455	0.73	1.586	7.168	5.233	0.73	1.680	6.954	5.076	0.73	1.718	6.710	4.898	0.73	1.794
26	22	7.778	4.745	0.61	1.643	7.503	4.577	0.61	1.746	7.320	4.465	0.61	1.794	7.015	4.279	0.61	1.869
26	24	8.174	4.005	0.49	1.718	7.869	3.856	0.49	1.812	7.686	3.766	0.49	1.869	7.442	3.647	0.49	1.964
26	26	8.418	3.115	0.37	1.812	8.174	3.024	0.37	1.907	8.052	2.979	0.37	1.964	7.808	2.889	0.37	2.020
27	18	7.168	6.380	0.89	1.510	6.863	6.108	0.89	1.586	6.588	5.863	0.89	1.661	6.344	5.646	0.89	1.737
27	20	7.473	5.754	0.77	1.586	7.168	5.519	0.77	1.680	6.954	5.355	0.77	1.718	6.710	5.167	0.77	1.794
27	22	7.778	5.056	0.65	1.643	7.503	4.877	0.65	1.746	7.320	4.758	0.65	1.794	7.015	4.560	0.65	1.869
27	24	8.174	4.332	0.53	1.718	7.869	4.171	0.53	1.812	7.686	4.074	0.53	1.869	7.442	3.944	0.53	1.964
27	26	8.418	3.451	0.41	1.812	8.174	3.351	0.41	1.907	8.052	3.301	0.41	1.964	7.808	3.201	0.41	2.020
28	18	7.168	6.666	0.93	1.510	6.863	6.383	0.93	1.586	6.588	6.127	0.93	1.661	6.344	5.900	0.93	1.737
28	20	7.473	6.053	0.81	1.586	7.168	5.806	0.81	1.680	6.954	5.633	0.81	1.718	6.710	5.435	0.81	1.794
28	22	7.778	5.367	0.69	1.643	7.503	5.177	0.69	1.746	7.320	5.051	0.69	1.794	7.015	4.840	0.69	1.869
28	24	8.174	4.659	0.57	1.718	7.869	4.485	0.57	1.812	7.686	4.381	0.57	1.869	7.442	4.242	0.57	1.964
28	26	8.418	3.788	0.45	1.812	8.174	3.678	0.45	1.907	8.052	3.623	0.45	1.964	7.808	3.514	0.45	2.020
29	18	7.168	6.953	0.97	1.510	6.863	6.657	0.97	1.586	6.588	6.390	0.97	1.661	6.344	6.154	0.97	1.737
29	20	7.473	6.352	0.85	1.586	7.168	6.093	0.85	1.680	6.954	5.911	0.85	1.718	6.710	5.704	0.85	1.794
29	22	7.778	5.678	0.73	1.643	7.503	5.477	0.73	1.746	7.320	5.344	0.73	1.794	7.015	5.121	0.73	1.869
29	24	8.174	4.986	0.61	1.718	7.869	4.800	0.61	1.812	7.686	4.688	0.61	1.869	7.442	4.540	0.61	1.964
29	26	8.418	4.125	0.49	1.812	8.174	4.005	0.49	1.907	8.052	3.945	0.49	1.964	7.808	3.826	0.49	2.020
30	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
30	20	7.473	6.651	0.89	1.586	7.168	6.380	0.89	1.680	6.954	6.189	0.89	1.718	6.710	5.972	0.89	1.794
30	22	7.778	5.989	0.77	1.643	7.503	5.777	0.77	1.746	7.320	5.636	0.77	1.794	7.015	5.402	0.77	1.869
30	24	8.174	5.313	0.65	1.718	7.869	5.115	0.65	1.812	7.686	4.996	0.65	1.869	7.442	4.837	0.65	1.964
30	26	8.418	4.462	0.53	1.812	8.174	4.332	0.53	1.907	8.052	4.268	0.53	1.964	7.808	4.138	0.53	2.020
31	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
31	20	7.473	6.950	0.93	1.586	7.168	6.666	0.93	1.680	6.954	6.467	0.93	1.718	6.710	6.240	0.93	1.794
31	22	7.778	6.300	0.81	1.643	7.503	6.077	0.81	1.746	7.320	5.929	0.81	1.794	7.015	5.682	0.81	1.869
31	24	8.174	5.640	0.69	1.718	7.869	5.430	0.69	1.812	7.686	5.303	0.69	1.869	7.442	5.135	0.69	1.964
31	26	8.418	4.798	0.57	1.812	8.174	4.659	0.57	1.907	8.052	4.590	0.57	1.964	7.808	4.451	0.57	2.020
32	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
32	20	7.473	7.249	0.97	1.586	7.168	6.953	0.97	1.680	6.954	6.745	0.97	1.718	6.710	6.509	0.97	1.794
32	22	7.778	6.611	0.85	1.643	7.503	6.378	0.85	1.746	7.320	6.222	0.85	1.794	7.015	5.963	0.85	1.869
32	24	8.174	5.967	0.73	1.718	7.869	5.744	0.73	1.812	7.686	5.611	0.73	1.869	7.442	5.433	0.73	1.964
32	26	8.418	5.135	0.61	1.812	8.174	4.986	0.61	1.907	8.052	4.912	0.61	1.964	7.808	4.763	0.61	2.020

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

COOLING CAPACITY
PEAD-SM60JA(L) / SUZ-SM60VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.886	0.65	1.850	5.490	3.569	0.65	1.964	5.063	3.291	0.65	2.039
21	20	6.283	3.330	0.53	1.926	5.856	3.104	0.53	2.020	5.429	2.877	0.53	2.133
22	18	5.978	4.125	0.69	1.850	5.490	3.788	0.69	1.964	5.063	3.493	0.69	2.039
22	20	6.283	3.581	0.57	1.926	5.856	3.338	0.57	2.020	5.429	3.095	0.57	2.133
22	22	6.649	2.992	0.45	2.001	6.222	2.800	0.45	2.115	5.795	2.608	0.45	2.190
23	18	5.978	4.364	0.73	1.850	5.490	4.008	0.73	1.964	5.063	3.696	0.73	2.039
23	20	6.283	3.833	0.61	1.926	5.856	3.572	0.61	2.020	5.429	3.312	0.61	2.133
23	22	6.649	3.258	0.49	2.001	6.222	3.049	0.49	2.115	5.795	2.840	0.49	2.190
24	18	5.978	4.603	0.77	1.850	5.490	4.227	0.77	1.964	5.063	3.899	0.77	2.039
24	20	6.283	4.084	0.65	1.926	5.856	3.806	0.65	2.020	5.429	3.529	0.65	2.133
24	22	6.649	3.524	0.53	2.001	6.222	3.298	0.53	2.115	5.795	3.071	0.53	2.190
24	24	7.015	2.876	0.41	2.077	6.588	2.701	0.41	2.171	6.222	2.551	0.41	2.266
25	20	6.283	4.335	0.69	1.926	5.856	4.041	0.69	2.020	5.429	3.746	0.69	2.133
25	22	6.649	3.790	0.57	2.001	6.222	3.547	0.57	2.115	5.795	3.303	0.57	2.190
25	24	7.015	3.157	0.45	2.077	6.588	2.965	0.45	2.171	6.222	2.800	0.45	2.266
26	18	5.978	5.081	0.85	1.850	5.490	4.667	0.85	1.964	5.063	4.304	0.85	2.039
26	20	6.283	4.587	0.73	1.926	5.856	4.275	0.73	2.020	5.429	3.963	0.73	2.133
26	22	6.649	4.056	0.61	2.001	6.222	3.795	0.61	2.115	5.795	3.535	0.61	2.190
26	24	7.015	3.437	0.49	2.077	6.588	3.228	0.49	2.171	6.222	3.049	0.49	2.266
26	26	7.381	2.731	0.37	2.152	6.954	2.573	0.37	2.247	6.527	2.415	0.37	2.341
27	18	5.978	5.320	0.89	1.850	5.490	4.886	0.89	1.964	5.063	4.506	0.89	2.039
27	20	6.283	4.838	0.77	1.926	5.856	4.509	0.77	2.020	5.429	4.180	0.77	2.133
27	22	6.649	4.322	0.65	2.001	6.222	4.044	0.65	2.115	5.795	3.767	0.65	2.190
27	24	7.015	3.718	0.53	2.077	6.588	3.492	0.53	2.171	6.222	3.298	0.53	2.266
27	26	7.381	3.026	0.41	2.152	6.954	2.851	0.41	2.247	6.527	2.676	0.41	2.341
28	18	5.978	5.560	0.93	1.850	5.490	5.106	0.93	1.964	5.063	4.709	0.93	2.039
28	20	6.283	5.089	0.81	1.926	5.856	4.743	0.81	2.020	5.429	4.397	0.81	2.133
28	22	6.649	4.588	0.69	2.001	6.222	4.293	0.69	2.115	5.795	3.999	0.69	2.190
28	24	7.015	3.999	0.57	2.077	6.588	3.755	0.57	2.171	6.222	3.547	0.57	2.266
28	26	7.381	3.321	0.45	2.152	6.954	3.129	0.45	2.247	6.527	2.937	0.45	2.341
29	18	5.978	5.799	0.97	1.850	5.490	5.325	0.97	1.964	5.063	4.911	0.97	2.039
29	20	6.283	5.341	0.85	1.926	5.856	4.978	0.85	2.020	5.429	4.615	0.85	2.133
29	22	6.649	4.854	0.73	2.001	6.222	4.542	0.73	2.115	5.795	4.230	0.73	2.190
29	24	7.015	4.279	0.61	2.077	6.588	4.019	0.61	2.171	6.222	3.795	0.61	2.266
29	26	7.381	3.617	0.49	2.152	6.954	3.407	0.49	2.247	6.527	3.198	0.49	2.341
30	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
30	20	6.283	5.592	0.89	1.926	5.856	5.212	0.89	2.020	5.429	4.832	0.89	2.133
30	22	6.649	5.120	0.77	2.001	6.222	4.791	0.77	2.115	5.795	4.462	0.77	2.190
30	24	7.015	4.560	0.65	2.077	6.588	4.282	0.65	2.171	6.222	4.044	0.65	2.266
30	26	7.381	3.912	0.53	2.152	6.954	3.686	0.53	2.247	6.527	3.459	0.53	2.341
31	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
31	20	6.283	5.843	0.93	1.926	5.856	5.446	0.93	2.020	5.429	5.049	0.93	2.133
31	22	6.649	5.386	0.81	2.001	6.222	5.040	0.81	2.115	5.795	4.694	0.81	2.190
31	24	7.015	4.840	0.69	2.077	6.588	4.546	0.69	2.171	6.222	4.293	0.69	2.266
31	26	7.381	4.207	0.57	2.152	6.954	3.964	0.57	2.247	6.527	3.720	0.57	2.341
32	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
32	20	6.283	6.095	0.97	1.926	5.856	5.680	0.97	2.020	5.429	5.266	0.97	2.133
32	22	6.649	5.652	0.85	2.001	6.222	5.289	0.85	2.115	5.795	4.926	0.85	2.190
32	24	7.015	5.121	0.73	2.077	6.588	4.809	0.73	2.171	6.222	4.542	0.73	2.266
32	26	7.381	4.502	0.61	2.152	6.954	4.242	0.61	2.247	6.527	3.981	0.61	2.341

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

COOLING CAPACITY
PEAD-SM71JA(L)2 / SUZ-SM71VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.758	7.988	4.953	0.62	1.846	7.668	4.754	0.62	1.934	7.384	4.578	0.62	2.022
21	20	8.698	4.349	0.50	1.846	8.343	4.172	0.50	1.956	8.094	4.047	0.50	2.000	7.810	3.905	0.50	2.088
22	18	8.343	5.506	0.66	1.758	7.988	5.272	0.66	1.846	7.668	5.061	0.66	1.934	7.384	4.873	0.66	2.022
22	20	8.698	4.697	0.54	1.846	8.343	4.505	0.54	1.956	8.094	4.371	0.54	2.000	7.810	4.217	0.54	2.088
22	22	9.053	3.802	0.42	1.912	8.733	3.668	0.42	2.033	8.520	3.578	0.42	2.088	8.165	3.429	0.42	2.176
23	18	8.343	5.840	0.70	1.758	7.988	5.592	0.70	1.846	7.668	5.368	0.70	1.934	7.384	5.169	0.70	2.022
23	20	8.698	5.045	0.58	1.846	8.343	4.839	0.58	1.956	8.094	4.695	0.58	2.000	7.810	4.530	0.58	2.088
23	22	9.053	4.164	0.46	1.912	8.733	4.017	0.46	2.033	8.520	3.919	0.46	2.088	8.165	3.756	0.46	2.176
24	18	8.343	6.174	0.74	1.758	7.988	5.911	0.74	1.846	7.668	5.674	0.74	1.934	7.384	5.464	0.74	2.022
24	20	8.698	5.393	0.62	1.846	8.343	5.173	0.62	1.956	8.094	5.018	0.62	2.000	7.810	4.842	0.62	2.088
24	22	9.053	4.527	0.50	1.912	8.733	4.367	0.50	2.033	8.520	4.260	0.50	2.088	8.165	4.083	0.50	2.176
24	24	9.514	3.615	0.38	2.000	9.159	3.480	0.38	2.110	8.946	3.399	0.38	2.176	8.662	3.292	0.38	2.286
25	20	8.698	5.741	0.66	1.846	8.343	5.506	0.66	1.956	8.094	5.342	0.66	2.000	7.810	5.155	0.66	2.088
25	22	9.053	4.889	0.54	1.912	8.733	4.716	0.54	2.033	8.520	4.601	0.54	2.088	8.165	4.409	0.54	2.176
25	24	9.514	3.996	0.42	2.000	9.159	3.847	0.42	2.110	8.946	3.757	0.42	2.176	8.662	3.638	0.42	2.286
26	18	8.343	6.841	0.82	1.758	7.988	6.550	0.82	1.846	7.668	6.288	0.82	1.934	7.384	6.055	0.82	2.022
26	20	8.698	6.089	0.70	1.846	8.343	5.840	0.70	1.956	8.094	5.666	0.70	2.000	7.810	5.467	0.70	2.088
26	22	9.053	5.251	0.58	1.912	8.733	5.065	0.58	2.033	8.520	4.942	0.58	2.088	8.165	4.736	0.58	2.176
26	24	9.514	4.376	0.46	2.000	9.159	4.213	0.46	2.110	8.946	4.115	0.46	2.176	8.662	3.985	0.46	2.286
26	26	9.798	3.331	0.34	2.110	9.514	3.235	0.34	2.220	9.372	3.186	0.34	2.286	9.088	3.090	0.34	2.352
27	18	8.343	7.175	0.86	1.758	7.988	6.870	0.86	1.846	7.668	6.594	0.86	1.934	7.384	6.350	0.86	2.022
27	20	8.698	6.437	0.74	1.846	8.343	6.174	0.74	1.956	8.094	5.990	0.74	2.000	7.810	5.779	0.74	2.088
27	22	9.053	5.613	0.62	1.912	8.733	5.414	0.62	2.033	8.520	5.282	0.62	2.088	8.165	5.062	0.62	2.176
27	24	9.514	4.757	0.50	2.000	9.159	4.580	0.50	2.110	8.946	4.473	0.50	2.176	8.662	4.331	0.50	2.286
27	26	9.798	3.723	0.38	2.110	9.514	3.615	0.38	2.220	9.372	3.561	0.38	2.286	9.088	3.453	0.38	2.352
28	18	8.343	7.509	0.90	1.758	7.988	7.189	0.90	1.846	7.668	6.901	0.90	1.934	7.384	6.646	0.90	2.022
28	20	8.698	6.784	0.78	1.846	8.343	6.508	0.78	1.956	8.094	6.313	0.78	2.000	7.810	6.092	0.78	2.088
28	22	9.053	5.975	0.66	1.912	8.733	5.764	0.66	2.033	8.520	5.623	0.66	2.088	8.165	5.389	0.66	2.176
28	24	9.514	5.138	0.54	2.000	9.159	4.946	0.54	2.110	8.946	4.831	0.54	2.176	8.662	4.677	0.54	2.286
28	26	9.798	4.115	0.42	2.110	9.514	3.996	0.42	2.220	9.372	3.936	0.42	2.286	9.088	3.817	0.42	2.352
29	18	8.343	7.842	0.94	1.758	7.988	7.509	0.94	1.846	7.668	7.208	0.94	1.934	7.384	6.941	0.94	2.022
29	20	8.698	7.132	0.82	1.846	8.343	6.841	0.82	1.956	8.094	6.637	0.82	2.000	7.810	6.404	0.82	2.088
29	22	9.053	6.337	0.70	1.912	8.733	6.113	0.70	2.033	8.520	5.964	0.70	2.088	8.165	5.716	0.70	2.176
29	24	9.514	5.518	0.58	2.000	9.159	5.312	0.58	2.110	8.946	5.189	0.58	2.176	8.662	5.024	0.58	2.286
29	26	9.798	4.507	0.46	2.110	9.514	4.376	0.46	2.220	9.372	4.311	0.46	2.286	9.088	4.180	0.46	2.352
30	18	8.343	8.176	0.98	1.758	7.988	7.828	0.98	1.846	7.668	7.515	0.98	1.934	7.384	7.236	0.98	2.022
30	20	8.698	7.480	0.86	1.846	8.343	7.175	0.86	1.956	8.094	6.961	0.86	2.000	7.810	6.717	0.86	2.088
30	22	9.053	6.699	0.74	1.912	8.733	6.462	0.74	2.033	8.520	6.305	0.74	2.088	8.165	6.042	0.74	2.176
30	24	9.514	5.899	0.62	2.000	9.159	5.679	0.62	2.110	8.946	5.547	0.62	2.176	8.662	5.370	0.62	2.286
30	26	9.798	4.899	0.50	2.110	9.514	4.757	0.50	2.220	9.372	4.686	0.50	2.286	9.088	4.544	0.50	2.352
31	18	8.343	8.343	1.00	1.758	7.988	7.988	1.00	1.846	7.668	7.668	1.00	1.934	7.384	7.384	1.00	2.022
31	20	8.698	7.828	0.90	1.846	8.343	7.509	0.90	1.956	8.094	7.285	0.90	2.000	7.810	7.029	0.90	2.088
31	22	9.053	7.061	0.78	1.912	8.733	6.812	0.78	2.033	8.520	6.646	0.78	2.088	8.165	6.369	0.78	2.176
31	24	9.514	6.279	0.66	2.000	9.159	6.045	0.66	2.110	8.946	5.904	0.66	2.176	8.662	5.717	0.66	2.286
31	26	9.798	5.291	0.54	2.110	9.514	5.138	0.54	2.220	9.372	5.061	0.54	2.286	9.088	4.908	0.54	2.352
32	18	8.343	8.343	1.00	1.758	7.988	7.988	1.00	1.846	7.668	7.668	1.00	1.934	7.384	7.384	1.00	2.022
32	20	8.698	8.176	0.94	1.846	8.343	7.842	0.94	1.956	8.094	7.608	0.94	2.000	7.810	7.341	0.94	2.088
32	22	9.053	7.423	0.82	1.912	8.733	7.161	0.82	2.033	8.520	6.986	0.82	2.088	8.165	6.695	0.82	2.176
32	24	9.514	6.660	0.70	2.000	9.159	6.411	0.70	2.110	8.946	6.262	0.70	2.176	8.662	6.063	0.70	2.286
32	26	9.798	5.683	0.58	2.110	9.514	5.518	0.58	2.220	9.372	5.436	0.58	2.286	9.088	5.271	0.58	2.352

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

COOLING CAPACITY
PEAD-SM71JA(L)2 / SUZ-SM71VA

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	2.154	6.390	3.962	0.62	2.286	5.893	3.654	0.62	2.374
21	20	7.313	3.657	0.50	2.242	6.816	3.408	0.50	2.352	6.319	3.160	0.50	2.484
22	18	6.958	4.592	0.66	2.154	6.390	4.217	0.66	2.286	5.893	3.889	0.66	2.374
22	20	7.313	3.949	0.54	2.242	6.816	3.681	0.54	2.352	6.319	3.412	0.54	2.484
22	22	7.739	3.250	0.42	2.330	7.242	3.042	0.42	2.462	6.745	2.833	0.42	2.550
23	18	6.958	4.871	0.70	2.154	6.390	4.473	0.70	2.286	5.893	4.125	0.70	2.374
23	20	7.313	4.242	0.58	2.242	6.816	3.953	0.58	2.352	6.319	3.665	0.58	2.484
23	22	7.739	3.560	0.46	2.330	7.242	3.331	0.46	2.462	6.745	3.103	0.46	2.550
24	18	6.958	5.149	0.74	2.154	6.390	4.729	0.74	2.286	5.893	4.361	0.74	2.374
24	20	7.313	4.534	0.62	2.242	6.816	4.226	0.62	2.352	6.319	3.918	0.62	2.484
24	22	7.739	3.870	0.50	2.330	7.242	3.621	0.50	2.462	6.745	3.373	0.50	2.550
24	24	8.165	3.103	0.38	2.418	7.668	2.914	0.38	2.528	7.242	2.752	0.38	2.638
25	20	7.313	4.827	0.66	2.242	6.816	4.499	0.66	2.352	6.319	4.171	0.66	2.484
25	22	7.739	4.179	0.54	2.330	7.242	3.911	0.54	2.462	6.745	3.642	0.54	2.550
25	24	8.165	3.429	0.42	2.418	7.668	3.221	0.42	2.528	7.242	3.042	0.42	2.638
26	18	6.958	5.706	0.82	2.154	6.390	5.240	0.82	2.286	5.893	4.832	0.82	2.374
26	20	7.313	5.119	0.70	2.242	6.816	4.771	0.70	2.352	6.319	4.423	0.70	2.484
26	22	7.739	4.489	0.58	2.330	7.242	4.200	0.58	2.462	6.745	3.912	0.58	2.550
26	24	8.165	3.756	0.46	2.418	7.668	3.527	0.46	2.528	7.242	3.331	0.46	2.638
26	26	8.591	2.921	0.34	2.506	8.094	2.752	0.34	2.616	7.597	2.583	0.34	2.726
27	18	6.958	5.984	0.86	2.154	6.390	5.495	0.86	2.286	5.893	5.068	0.86	2.374
27	20	7.313	5.412	0.74	2.242	6.816	5.044	0.74	2.352	6.319	4.676	0.74	2.484
27	22	7.739	4.798	0.62	2.330	7.242	4.490	0.62	2.462	6.745	4.182	0.62	2.550
27	24	8.165	4.083	0.50	2.418	7.668	3.834	0.50	2.528	7.242	3.621	0.50	2.638
27	26	8.591	3.265	0.38	2.506	8.094	3.076	0.38	2.616	7.597	2.887	0.38	2.726
28	18	6.958	6.262	0.90	2.154	6.390	5.751	0.90	2.286	5.893	5.304	0.90	2.374
28	20	7.313	5.704	0.78	2.242	6.816	5.316	0.78	2.352	6.319	4.929	0.78	2.484
28	22	7.739	5.108	0.66	2.330	7.242	4.780	0.66	2.462	6.745	4.452	0.66	2.550
28	24	8.165	4.409	0.54	2.418	7.668	4.141	0.54	2.528	7.242	3.911	0.54	2.638
28	26	8.591	3.608	0.42	2.506	8.094	3.399	0.42	2.616	7.597	3.191	0.42	2.726
29	18	6.958	6.541	0.94	2.154	6.390	6.007	0.94	2.286	5.893	5.539	0.94	2.374
29	20	7.313	5.997	0.82	2.242	6.816	5.589	0.82	2.352	6.319	5.182	0.82	2.484
29	22	7.739	5.417	0.70	2.330	7.242	5.069	0.70	2.462	6.745	4.722	0.70	2.550
29	24	8.165	4.736	0.58	2.418	7.668	4.447	0.58	2.528	7.242	4.200	0.58	2.638
29	26	8.591	3.952	0.46	2.506	8.094	3.723	0.46	2.616	7.597	3.495	0.46	2.726
30	18	6.958	6.819	0.98	2.154	6.390	6.262	0.98	2.286	5.893	5.775	0.98	2.374
30	20	7.313	6.289	0.86	2.242	6.816	5.862	0.86	2.352	6.319	5.434	0.86	2.484
30	22	7.739	5.727	0.74	2.330	7.242	5.359	0.74	2.462	6.745	4.991	0.74	2.550
30	24	8.165	5.062	0.62	2.418	7.668	4.754	0.62	2.528	7.242	4.490	0.62	2.638
30	26	8.591	4.296	0.50	2.506	8.094	4.047	0.50	2.616	7.597	3.799	0.50	2.726
31	18	6.958	6.958	1.00	2.154	6.390	6.390	1.00	2.286	5.893	5.893	1.00	2.374
31	20	7.313	6.582	0.90	2.242	6.816	6.134	0.90	2.352	6.319	5.687	0.90	2.484
31	22	7.739	6.036	0.78	2.330	7.242	5.649	0.78	2.462	6.745	5.261	0.78	2.550
31	24	8.165	5.389	0.66	2.418	7.668	5.061	0.66	2.528	7.242	4.780	0.66	2.638
31	26	8.591	4.639	0.54	2.506	8.094	4.371	0.54	2.616	7.597	4.102	0.54	2.726
32	18	6.958	6.958	1.00	2.154	6.390	6.390	1.00	2.286	5.893	5.893	1.00	2.374
32	20	7.313	6.874	0.94	2.242	6.816	6.407	0.94	2.352	6.319	5.940	0.94	2.484
32	22	7.739	6.346	0.82	2.330	7.242	5.938	0.82	2.462	6.745	5.531	0.82	2.550
32	24	8.165	5.716	0.70	2.418	7.668	5.368	0.70	2.528	7.242	5.069	0.70	2.638
32	26	8.591	4.983	0.58	2.506	8.094	4.695	0.58	2.616	7.597	4.406	0.58	2.726

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

COOLING CAPACITY
PEAD-SM100JA(L)2 / PUZ-SM100VKA2 PUZ-SM100YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.772	0.72	2.353	9.120	6.566	0.72	2.485	8.835	6.361	0.72	2.632
20	18	10.070	6.042	0.60	2.397	9.785	5.871	0.60	2.529	9.453	5.672	0.60	2.706
20	20	10.830	5.198	0.48	2.470	10.593	5.085	0.48	2.588	10.308	4.948	0.48	2.765
22	16	9.405	7.524	0.80	2.353	9.120	7.296	0.80	2.485	8.835	7.068	0.80	2.632
22	18	10.070	6.848	0.68	2.397	9.785	6.654	0.68	2.529	9.453	6.428	0.68	2.706
22	20	10.830	6.065	0.56	2.470	10.593	5.932	0.56	2.588	10.308	5.772	0.56	2.765
24	16	9.405	8.276	0.88	2.353	9.120	8.026	0.88	2.485	8.835	7.775	0.88	2.632
24	18	10.070	7.653	0.76	2.397	9.785	7.437	0.76	2.529	9.453	7.184	0.76	2.706
24	20	10.830	6.931	0.64	2.470	10.593	6.780	0.64	2.588	10.308	6.597	0.64	2.765
24	22	11.543	6.002	0.52	2.529	11.305	5.879	0.52	2.676	11.020	5.730	0.52	2.853
26	16	9.405	9.029	0.96	2.353	9.120	8.755	0.96	2.485	8.835	8.482	0.96	2.632
26	18	10.070	8.459	0.84	2.397	9.785	8.219	0.84	2.529	9.453	7.941	0.84	2.706
26	20	10.830	7.798	0.72	2.470	10.593	7.627	0.72	2.588	10.308	7.422	0.72	2.765
26	22	11.543	6.926	0.60	2.529	11.305	6.783	0.60	2.676	11.020	6.612	0.60	2.853
27	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
27	18	10.070	8.862	0.88	2.397	9.785	8.611	0.88	2.529	9.453	8.319	0.88	2.706
27	20	10.830	8.231	0.76	2.470	10.593	8.051	0.76	2.588	10.308	7.834	0.76	2.765
27	22	11.543	7.388	0.64	2.529	11.305	7.235	0.64	2.676	11.020	7.053	0.64	2.853
28	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
28	18	10.070	9.264	0.92	2.397	9.785	9.002	0.92	2.529	9.453	8.697	0.92	2.706
28	20	10.830	8.664	0.80	2.470	10.593	8.474	0.80	2.588	10.308	8.246	0.80	2.765
28	22	11.543	7.849	0.68	2.529	11.305	7.687	0.68	2.676	11.020	7.494	0.68	2.853
30	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
30	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
30	20	10.830	9.530	0.88	2.470	10.593	9.322	0.88	2.588	10.308	9.071	0.88	2.765
30	22	11.543	8.773	0.76	2.529	11.305	8.592	0.76	2.676	11.020	8.375	0.76	2.853
32	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
32	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
32	20	10.830	10.397	0.96	2.470	10.593	10.169	0.96	2.588	10.308	9.896	0.96	2.765
32	22	11.543	9.696	0.84	2.529	11.305	9.496	0.84	2.676	11.020	9.257	0.84	2.853
34	16	9.405	9.405	1.00	2.353	9.120	9.120	1.00	2.485	8.835	8.835	1.00	2.632
34	18	10.070	10.070	1.00	2.397	9.785	9.785	1.00	2.529	9.453	9.453	1.00	2.706
34	20	10.830	10.830	1.00	2.470	10.593	10.593	1.00	2.588	10.308	10.308	1.00	2.765
34	22	11.543	10.620	0.92	2.529	11.305	10.401	0.92	2.676	11.020	10.138	0.92	2.853

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	6.088	0.72	2.823	8.075	5.814	0.72	3.029	7.695	5.540	0.72	3.279
20	18	9.120	5.472	0.60	2.897	8.835	5.301	0.60	3.117	8.265	4.959	0.60	3.353
20	20	9.880	4.742	0.48	2.970	9.500	4.560	0.48	3.176	8.930	4.286	0.48	3.412
22	16	8.455	6.764	0.80	2.823	8.075	6.460	0.80	3.029	7.695	6.156	0.80	3.279
22	18	9.120	6.202	0.68	2.897	8.835	6.008	0.68	3.117	8.265	5.620	0.68	3.353
22	20	9.880	5.533	0.56	2.970	9.500	5.320	0.56	3.176	8.930	5.001	0.56	3.412
24	16	8.455	7.440	0.88	2.823	8.075	7.106	0.88	3.029	7.695	6.772	0.88	3.279
24	18	9.120	6.931	0.76	2.897	8.835	6.715	0.76	3.117	8.265	6.281	0.76	3.353
24	20	9.880	6.323	0.64	2.970	9.500	6.080	0.64	3.176	8.930	5.715	0.64	3.412
24	22	10.640	5.533	0.52	3.029	10.260	5.335	0.52	3.265	9.690	5.039	0.52	3.470
26	16	8.455	8.117	0.96	2.823	8.075	7.752	0.96	3.029	7.695	7.387	0.96	3.279
26	18	9.120	7.661	0.84	2.897	8.835	7.421	0.84	3.117	8.265	6.943	0.84	3.353
26	20	9.880	7.114	0.72	2.970	9.500	6.840	0.72	3.176	8.930	6.430	0.72	3.412
26	22	10.640	6.384	0.60	3.029	10.260	6.156	0.60	3.265	9.690	5.814	0.60	3.470
27	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
27	18	9.120	8.026	0.88	2.897	8.835	7.775	0.88	3.117	8.265	7.273	0.88	3.353
27	20	9.880	7.509	0.76	2.970	9.500	7.220	0.76	3.176	8.930	6.787	0.76	3.412
27	22	10.640	6.810	0.64	3.029	10.260	6.566	0.64	3.265	9.690	6.202	0.64	3.470
28	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
28	18	9.120	8.390	0.92	2.897	8.835	8.128	0.92	3.117	8.265	7.604	0.92	3.353
28	20	9.880	7.904	0.80	2.970	9.500	7.600	0.80	3.176	8.930	7.144	0.80	3.412
28	22	10.640	7.235	0.68	3.029	10.260	6.977	0.68	3.265	9.690	6.589	0.68	3.470
30	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
30	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
30	20	9.880	8.694	0.88	2.970	9.500	8.360	0.88	3.176	8.930	7.858	0.88	3.412
30	22	10.640	8.086	0.76	3.029	10.260	7.798	0.76	3.265	9.690	7.364	0.76	3.470
32	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
32	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
32	20	9.880	9.485	0.96	2.970	9.500	9.120	0.96	3.176	8.930	8.573	0.96	3.412
32	22	10.640	8.938	0.84	3.029	10.260	8.618	0.84	3.265	9.690	8.140	0.84	3.470
34	16	8.455	8.455	1.00	2.823	8.075	8.075	1.00	3.029	7.695	7.695	1.00	3.279
34	18	9.120	9.120	1.00	2.897	8.835	8.835	1.00	3.117	8.265	8.265	1.00	3.353
34	20	9.880	9.880	1.00	2.970	9.500	9.500	1.00	3.176	8.930	8.930	1.00	3.412
34	22	10.640	9.789	0.92	3.029	10.260	9.439	0.92	3.265	9.690	8.915	0.92	3.470

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

COOLING CAPACITY
PEAD-SM125JA(L)2 / PUZ-SM125VKA2 PUZ-SM125YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	8.146	0.68	3.338	11.616	7.899	0.68	3.525	11.253	7.652	0.68	3.734
20	18	12.826	7.183	0.56	3.400	12.463	6.979	0.56	3.588	12.040	6.742	0.56	3.838
20	20	13.794	6.069	0.44	3.504	13.492	5.936	0.44	3.671	13.129	5.777	0.44	3.922
22	16	11.979	9.104	0.76	3.338	11.616	8.828	0.76	3.525	11.253	8.552	0.76	3.734
22	18	12.826	8.209	0.64	3.400	12.463	7.976	0.64	3.588	12.040	7.706	0.64	3.838
22	20	13.794	7.173	0.52	3.504	13.492	7.016	0.52	3.671	13.129	6.827	0.52	3.922
24	16	11.979	10.062	0.84	3.338	11.616	9.757	0.84	3.525	11.253	9.453	0.84	3.734
24	18	12.826	9.235	0.72	3.400	12.463	8.973	0.72	3.588	12.040	8.669	0.72	3.838
24	20	13.794	8.276	0.60	3.504	13.492	8.095	0.60	3.671	13.129	7.877	0.60	3.922
24	22	14.702	7.057	0.48	3.588	14.399	6.912	0.48	3.797	14.036	6.737	0.48	4.047
26	16	11.979	11.021	0.92	3.338	11.616	10.687	0.92	3.525	11.253	10.353	0.92	3.734
26	18	12.826	10.261	0.80	3.400	12.463	9.970	0.80	3.588	12.040	9.632	0.80	3.838
26	20	13.794	9.380	0.68	3.504	13.492	9.175	0.68	3.671	13.129	8.928	0.68	3.922
26	22	14.702	8.233	0.56	3.588	14.399	8.063	0.56	3.797	14.036	7.860	0.56	4.047
27	16	11.979	11.500	0.96	3.338	11.616	11.151	0.96	3.525	11.253	10.803	0.96	3.734
27	18	12.826	10.774	0.84	3.400	12.463	10.469	0.84	3.588	12.040	10.114	0.84	3.838
27	20	13.794	9.932	0.72	3.504	13.492	9.714	0.72	3.671	13.129	9.453	0.72	3.922
27	22	14.702	8.821	0.60	3.588	14.399	8.639	0.60	3.797	14.036	8.422	0.60	4.047
28	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
28	18	12.826	11.287	0.88	3.400	12.463	10.967	0.88	3.588	12.040	10.595	0.88	3.838
28	20	13.794	10.483	0.76	3.504	13.492	10.254	0.76	3.671	13.129	9.978	0.76	3.922
28	22	14.702	9.409	0.64	3.588	14.399	9.215	0.64	3.797	14.036	8.983	0.64	4.047
30	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
30	18	12.826	12.313	0.96	3.400	12.463	11.964	0.96	3.588	12.040	11.558	0.96	3.838
30	20	13.794	11.587	0.84	3.504	13.492	11.333	0.84	3.671	13.129	11.028	0.84	3.922
30	22	14.702	10.585	0.72	3.588	14.399	10.367	0.72	3.797	14.036	10.106	0.72	4.047
32	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
32	18	12.826	12.826	1.00	3.400	12.463	12.463	1.00	3.588	12.040	12.040	1.00	3.838
32	20	13.794	12.690	0.92	3.504	13.492	12.413	0.92	3.671	13.129	12.079	0.92	3.922
32	22	14.702	11.762	0.80	3.588	14.399	11.519	0.80	3.797	14.036	11.229	0.80	4.047
34	16	11.979	11.979	1.00	3.338	11.616	11.616	1.00	3.525	11.253	11.253	1.00	3.734
34	18	12.826	12.826	1.00	3.400	12.463	12.463	1.00	3.588	12.040	12.040	1.00	3.838
34	20	13.794	13.794	1.00	3.504	13.492	13.492	1.00	3.671	13.129	13.129	1.00	3.922
34	22	14.702	12.938	0.88	3.588	14.399	12.671	0.88	3.797	14.036	12.352	0.88	4.047

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	7.323	0.68	4.005	10.285	6.994	0.68	4.297	9.801	6.665	0.68	4.652
20	18	11.616	6.505	0.56	4.109	11.253	6.302	0.56	4.422	10.527	5.895	0.56	4.756
20	20	12.584	5.537	0.44	4.214	12.100	5.324	0.44	4.506	11.374	5.005	0.44	4.840
22	16	10.769	8.184	0.76	4.005	10.285	7.817	0.76	4.297	9.801	7.449	0.76	4.652
22	18	11.616	7.434	0.64	4.109	11.253	7.202	0.64	4.422	10.527	6.737	0.64	4.756
22	20	12.584	6.544	0.52	4.214	12.100	6.292	0.52	4.506	11.374	5.914	0.52	4.840
24	16	10.769	9.046	0.84	4.005	10.285	8.639	0.84	4.297	9.801	8.233	0.84	4.652
24	18	11.616	8.364	0.72	4.109	11.253	8.102	0.72	4.422	10.527	7.579	0.72	4.756
24	20	12.584	7.550	0.60	4.214	12.100	7.260	0.60	4.506	11.374	6.824	0.60	4.840
24	22	13.552	6.505	0.48	4.297	13.068	6.273	0.48	4.631	12.342	5.924	0.48	4.923
26	16	10.769	9.907	0.92	4.005	10.285	9.462	0.92	4.297	9.801	9.017	0.92	4.652
26	18	11.616	9.293	0.80	4.109	11.253	9.002	0.80	4.422	10.527	8.422	0.80	4.756
26	20	12.584	8.557	0.68	4.214	12.100	8.228	0.68	4.506	11.374	7.734	0.68	4.840
26	22	13.552	7.589	0.56	4.297	13.068	7.318	0.56	4.631	12.342	6.912	0.56	4.923
27	16	10.769	10.338	0.96	4.005	10.285	9.874	0.96	4.297	9.801	9.409	0.96	4.652
27	18	11.616	9.757	0.84	4.109	11.253	9.453	0.84	4.422	10.527	8.843	0.84	4.756
27	20	12.584	9.060	0.72	4.214	12.100	8.712	0.72	4.506	11.374	8.189	0.72	4.840
27	22	13.552	8.131	0.60	4.297	13.068	7.841	0.60	4.631	12.342	7.405	0.60	4.923
28	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
28	18	11.616	10.222	0.88	4.109	11.253	9.903	0.88	4.422	10.527	9.264	0.88	4.756
28	20	12.584	9.564	0.76	4.214	12.100	9.196	0.76	4.506	11.374	8.644	0.76	4.840
28	22	13.552	8.673	0.64	4.297	13.068	8.364	0.64	4.631	12.342	7.899	0.64	4.923
30	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
30	18	11.616	11.151	0.96	4.109	11.253	10.803	0.96	4.422	10.527	10.106	0.96	4.756
30	20	12.584	10.571	0.84	4.214	12.100	10.164	0.84	4.506	11.374	9.554	0.84	4.840
30	22	13.552	9.757	0.72	4.297	13.068	9.409	0.72	4.631	12.342	8.886	0.72	4.923
32	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
32	18	11.616	11.616	1.00	4.109	11.253	11.253	1.00	4.422	10.527	10.527	1.00	4.756
32	20	12.584	11.577	0.92	4.214	12.100	11.132	0.92	4.506	11.374	10.464	0.92	4.840
32	22	13.552	10.842	0.80	4.297	13.068	10.454	0.80	4.631	12.342	9.874	0.80	4.923
34	16	10.769	10.769	1.00	4.005	10.285	10.285	1.00	4.297	9.801	9.801	1.00	4.652
34	18	11.616	11.616	1.00	4.109	11.253	11.253	1.00	4.422	10.527	10.527	1.00	4.756
34	20	12.584	12.584	1.00	4.214	12.100	12.100	1.00	4.506	11.374	11.374	1.00	4.840
34	22	13.552	11.926	0.88	4.297	13.068	11.500	0.88	4.631	12.342	10.861	0.88	4.923

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

COOLING CAPACITY
PEAD-SM140JA(L)2 / PUZ-SM140VKA2 PUZ-SM140YKA2

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	8.888	0.67	3.970	12.864	8.619	0.67	4.193	12.462	8.350	0.67	4.441
20	18	14.204	7.812	0.55	4.044	13.802	7.591	0.55	4.267	13.333	7.333	0.55	4.565
20	20	15.276	6.569	0.43	4.168	14.941	6.425	0.43	4.367	14.539	6.252	0.43	4.664
22	16	13.266	9.950	0.75	3.970	12.864	9.648	0.75	4.193	12.462	9.347	0.75	4.441
22	18	14.204	8.949	0.63	4.044	13.802	8.695	0.63	4.267	13.333	8.400	0.63	4.565
22	20	15.276	7.791	0.51	4.168	14.941	7.620	0.51	4.367	14.539	7.415	0.51	4.664
24	16	13.266	11.011	0.83	3.970	12.864	10.677	0.83	4.193	12.462	10.343	0.83	4.441
24	18	14.204	10.085	0.71	4.044	13.802	9.799	0.71	4.267	13.333	9.466	0.71	4.565
24	20	15.276	9.013	0.59	4.168	14.941	8.815	0.59	4.367	14.539	8.578	0.59	4.664
24	22	16.281	7.652	0.47	4.267	15.946	7.495	0.47	4.515	15.544	7.306	0.47	4.813
26	16	13.266	12.072	0.91	3.970	12.864	11.706	0.91	4.193	12.462	11.340	0.91	4.441
26	18	14.204	11.221	0.79	4.044	13.802	10.904	0.79	4.267	13.333	10.533	0.79	4.565
26	20	15.276	10.235	0.67	4.168	14.941	10.010	0.67	4.367	14.539	9.741	0.67	4.664
26	22	16.281	8.955	0.55	4.267	15.946	8.770	0.55	4.515	15.544	8.549	0.55	4.813
27	16	13.266	12.603	0.95	3.970	12.864	12.221	0.95	4.193	12.462	11.839	0.95	4.441
27	18	14.204	11.789	0.83	4.044	13.802	11.456	0.83	4.267	13.333	11.066	0.83	4.565
27	20	15.276	10.846	0.71	4.168	14.941	10.608	0.71	4.367	14.539	10.323	0.71	4.664
27	22	16.281	9.606	0.59	4.267	15.946	9.408	0.59	4.515	15.544	9.171	0.59	4.813
28	16	13.266	13.133	0.99	3.970	12.864	12.735	0.99	4.193	12.462	12.337	0.99	4.441
28	18	14.204	12.357	0.87	4.044	13.802	12.008	0.87	4.267	13.333	11.600	0.87	4.565
28	20	15.276	11.457	0.75	4.168	14.941	11.206	0.75	4.367	14.539	10.904	0.75	4.664
28	22	16.281	10.257	0.63	4.267	15.946	10.046	0.63	4.515	15.544	9.793	0.63	4.813
30	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
30	18	14.204	13.494	0.95	4.044	13.802	13.112	0.95	4.267	13.333	12.666	0.95	4.565
30	20	15.276	12.679	0.83	4.168	14.941	12.401	0.83	4.367	14.539	12.067	0.83	4.664
30	22	16.281	11.560	0.71	4.267	15.946	11.322	0.71	4.515	15.544	11.036	0.71	4.813
32	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
32	18	14.204	14.204	1.00	4.044	13.802	13.802	1.00	4.267	13.333	13.333	1.00	4.565
32	20	15.276	13.901	0.91	4.168	14.941	13.596	0.91	4.367	14.539	13.230	0.91	4.664
32	22	16.281	12.862	0.79	4.267	15.946	12.597	0.79	4.515	15.544	12.280	0.79	4.813
34	16	13.266	13.266	1.00	3.970	12.864	12.864	1.00	4.193	12.462	12.462	1.00	4.441
34	18	14.204	14.204	1.00	4.044	13.802	13.802	1.00	4.267	13.333	13.333	1.00	4.565
34	20	15.276	15.123	0.99	4.168	14.941	14.792	0.99	4.367	14.539	14.394	0.99	4.664
34	22	16.281	14.164	0.87	4.267	15.946	13.873	0.87	4.515	15.544	13.523	0.87	4.813

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.990	0.67	4.764	11.390	7.631	0.67	5.111	10.854	7.272	0.67	5.533
20	18	12.864	7.075	0.55	4.888	12.462	6.854	0.55	5.260	11.658	6.412	0.55	5.657
20	20	13.936	5.992	0.43	5.012	13.400	5.762	0.43	5.359	12.596	5.416	0.43	5.756
22	16	11.926	8.945	0.75	4.764	11.390	8.543	0.75	5.111	10.854	8.141	0.75	5.533
22	18	12.864	8.104	0.63	4.888	12.462	7.851	0.63	5.260	11.658	7.345	0.63	5.657
22	20	13.936	7.107	0.51	5.012	13.400	6.834	0.51	5.359	12.596	6.424	0.51	5.756
24	16	11.926	9.899	0.83	4.764	11.390	9.454	0.83	5.111	10.854	9.009	0.83	5.533
24	18	12.864	9.133	0.71	4.888	12.462	8.848	0.71	5.260	11.658	8.277	0.71	5.657
24	20	13.936	8.222	0.59	5.012	13.400	7.906	0.59	5.359	12.596	7.432	0.59	5.756
24	22	15.008	7.054	0.47	5.111	14.472	6.802	0.47	5.508	13.668	6.424	0.47	5.855
26	16	11.926	10.853	0.91	4.764	11.390	10.365	0.91	5.111	10.854	9.877	0.91	5.533
26	18	12.864	10.163	0.79	4.888	12.462	9.845	0.79	5.260	11.658	9.210	0.79	5.657
26	20	13.936	9.337	0.67	5.012	13.400	8.978	0.67	5.359	12.596	8.439	0.67	5.756
26	22	15.008	8.254	0.55	5.111	14.472	7.960	0.55	5.508	13.668	7.517	0.55	5.855
27	16	11.926	11.330	0.95	4.764	11.390	10.821	0.95	5.111	10.854	10.311	0.95	5.533
27	18	12.864	10.677	0.83	4.888	12.462	10.343	0.83	5.260	11.658	9.676	0.83	5.657
27	20	13.936	9.895	0.71	5.012	13.400	9.514	0.71	5.359	12.596	8.943	0.71	5.756
27	22	15.008	8.855	0.59	5.111	14.472	8.538	0.59	5.508	13.668	8.064	0.59	5.855
28	16	11.926	11.807	0.99	4.764	11.390	11.276	0.99	5.111	10.854	10.745	0.99	5.533
28	18	12.864	11.192	0.87	4.888	12.462	10.842	0.87	5.260	11.658	10.142	0.87	5.657
28	20	13.936	10.452	0.75	5.012	13.400	10.050	0.75	5.359	12.596	9.447	0.75	5.756
28	22	15.008	9.455	0.63	5.111	14.472	9.117	0.63	5.508	13.668	8.611	0.63	5.855
30	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
30	18	12.864	12.221	0.95	4.888	12.462	11.839	0.95	5.260	11.658	11.075	0.95	5.657
30	20	13.936	11.567	0.83	5.012	13.400	11.122	0.83	5.359	12.596	10.455	0.83	5.756
30	22	15.008	10.656	0.71	5.111	14.472	10.275	0.71	5.508	13.668	9.704	0.71	5.855
32	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
32	18	12.864	12.864	1.00	4.888	12.462	12.462	1.00	5.260	11.658	11.658	1.00	5.657
32	20	13.936	12.682	0.91	5.012	13.400	12.194	0.91	5.359	12.596	11.462	0.91	5.756
32	22	15.008	11.856	0.79	5.111	14.472	11.433	0.79	5.508	13.668	10.798	0.79	5.855
34	16	11.926	11.926	1.00	4.764	11.390	11.390	1.00	5.111	10.854	10.854	1.00	5.533
34	18	12.864	12.864	1.00	4.888	12.462	12.462	1.00	5.260	11.658	11.658	1.00	5.657
34	20	13.936	13.797	0.99	5.012	13.400	13.266	0.99	5.359	12.596	12.470	0.99	5.756
34	22	15.008	13.057	0.87	5.111	14.472	12.591	0.87	5.508	13.668	11.891	0.87	5.855

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

HEATING CAPACITY

PEAD-M•JA(L)2 / PUZ-ZM•VHA2 PUZ-ZM•VKA2 PUZ-ZM•YKA2

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M35JA(L)2	15	2.604	0.537	2.829	0.592	3.157	0.683	4.141	0.820	4.674	0.911	5.207	0.984
	20	2.501	0.583	2.706	0.638	2.993	0.738	3.998	0.884	4.510	0.984	5.023	1.057
	25	2.419	0.619	2.624	0.692	2.870	0.802	3.772	0.938	4.346	1.052	4.838	1.134
PEAD-M50JA(L)2	15	3.810	0.804	4.140	0.886	4.620	1.022	6.060	1.227	6.840	1.363	7.620	1.472
	20	3.660	0.872	3.960	0.954	4.380	1.104	5.850	1.322	6.600	1.472	7.350	1.581
	25	3.540	0.927	3.840	1.036	4.200	1.199	5.520	1.404	6.360	1.574	7.080	1.697
PEAD-M60JA(L)2	15	4.445	0.938	4.830	1.034	5.390	1.193	7.070	1.431	7.980	1.590	8.890	1.717
	20	4.270	1.018	4.620	1.113	5.110	1.288	6.825	1.542	7.700	1.717	8.575	1.844
	25	4.130	1.081	4.480	1.208	4.900	1.399	6.440	1.638	7.420	1.836	8.260	1.980
PEAD-M71JA(L)2	15	5.080	1.123	5.520	1.238	6.160	1.428	8.080	1.714	9.120	1.904	10.160	2.056
	20	4.880	1.219	5.280	1.333	5.840	1.542	7.800	1.847	8.800	2.056	9.800	2.209
	25	4.720	1.295	5.120	1.447	5.600	1.676	7.360	1.961	8.480	2.199	9.440	2.370
PEAD-M100JA(L)2	15	7.112	1.502	7.728	1.654	8.624	1.909	11.312	2.291	12.768	2.545	14.224	2.749
	20	6.832	1.629	7.392	1.782	8.176	2.061	10.920	2.469	12.320	2.749	13.720	2.952
	25	6.608	1.731	7.168	1.934	7.840	2.240	10.304	2.621	11.872	2.939	13.216	3.169
PEAD-M125JA(L)2	15	8.890	2.220	9.660	2.446	10.780	2.822	14.140	3.387	15.960	3.763	17.780	4.064
	20	8.540	2.408	9.240	2.634	10.220	3.048	13.650	3.650	15.400	4.064	17.150	4.365
	25	8.260	2.559	8.960	2.860	9.800	3.311	12.880	3.876	14.840	4.346	16.520	4.685
PEAD-M140JA(L)2	15	10.160	2.420	11.040	2.666	12.320	3.077	16.160	3.692	18.240	4.102	20.320	4.430
	20	9.760	2.625	10.560	2.871	11.680	3.323	15.600	3.979	17.600	4.430	19.600	4.758
	25	9.440	2.789	10.240	3.118	11.200	3.610	14.720	4.225	16.960	4.738	18.880	5.107

PEA-M•LA2 / PUZ-ZM•YKA2

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA2	15	14.224	3.776	15.456	4.160	17.248	4.800	22.624	5.760	25.536	6.400	28.448	6.912
	20	13.664	4.096	14.784	4.480	16.352	5.184	21.840	6.208	24.640	6.912	27.440	7.424
	25	13.216	4.352	14.336	4.864	15.680	5.632	20.608	6.592	23.744	7.392	26.432	7.968
PEA-M250LA2	15	17.145	4.685	18.630	5.162	20.790	5.956	27.270	7.147	30.780	7.941	34.290	8.576
	20	16.470	5.082	17.820	5.559	19.710	6.432	26.325	7.703	29.700	8.576	33.075	9.212
	25	15.930	5.400	17.280	6.035	18.900	6.988	24.840	8.179	28.620	9.172	31.860	9.887

PEAD-M•JA(L)2 / SUZ-M•VA2

	Indoor intake air DB℃	Outdoor intake air WB℃															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M35JA(L)2	15	2.050	0.533	2.583	0.666	3.116	0.800	3.649	0.902	4.182	0.974	4.715	1.035	5.207	1.066	5.740	1.087
	20	1.927	0.568	2.460	0.718	2.952	0.851	3.485	0.943	3.977	1.015	4.510	1.066	5.002	1.097	5.515	1.138
	25	1.681	0.615	2.214	0.769	2.747	0.902	3.239	0.994	3.772	1.066	4.305	1.117	4.797	1.148	5.330	1.179
PEAD-M50JA(L)2	15	3.000	0.761	3.780	0.951	4.560	1.141	5.340	1.287	6.120	1.390	6.900	1.478	7.620	1.522	8.400	1.551
	20	2.820	0.811	3.600	1.024	4.320	1.214	5.100	1.346	5.820	1.448	6.600	1.522	7.320	1.565	8.070	1.624
	25	2.460	0.878	3.240	1.097	4.020	1.287	4.740	1.419	5.520	1.522	6.300	1.595	7.020	1.639	7.800	1.682
PEAD-M60JA(L)2	15	3.500	0.958	4.410	1.197	5.320	1.437	6.230	1.621	7.140	1.750	8.050	1.860	8.890	1.916	9.800	1.953
	20	3.290	1.020	4.200	1.289	5.040	1.529	5.950	1.695	6.790	1.824	7.700	1.916	8.540	1.971	9.415	2.045
	25	2.870	1.105	3.780	1.382	4.690	1.621	5.530	1.787	6.440	1.916	7.350	2.008	8.190	2.063	9.100	2.118
PEAD-M71JA(L)2	15	4.000	1.095	5.040	1.368	6.080	1.642	7.120	1.852	8.160	2.000	9.200	2.126	10.160	2.189	11.200	2.231
	20	3.760	1.166	4.800	1.474	5.760	1.747	6.800	1.937	7.760	2.084	8.800	2.189	9.760	2.252	10.760	2.337
	25	3.280	1.263	4.320	1.579	5.360	1.852	6.320	2.042	7.360	2.189	8.400	2.294	9.360	2.358	10.400	2.421

PEAD-M•JA(L)2 / PUZ-M•VKA2 PUZ-M•YKA2

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-M100JA(L)2	15	7.112	1.739	7.728	1.916	8.624	2.210	11.312	2.652	12.768	2.947	14.224	3.183
	20	6.832	1.886	7.392	2.063	8.176	2.387	10.920	2.859	12.320	3.183	13.720	3.419
	25	6.608	2.004	7.168	2.240	7.840	2.593	10.304	3.035	11.872	3.404	13.216	3.669
PEAD-M125JA(L)2	15	8.573	2.206	9.315	2.430	10.395	2.804	13.635	3.365	15.390	3.739	17.145	4.038
	20	8.235	2.393	8.910	2.617	9.855	3.029	13.163	3.627	14.850	4.038	16.538	4.337
	25	7.965	2.543	8.640	2.842	9.450	3.290	12.420	3.851	14.310	4.319	15.930	4.655
PEAD-M140JA(L)2	15	9.525	2.451	10.350	2.701	11.550	3.116	15.150	3.740	17.100	4.155	19.050	4.487
	20	9.150	2.659	9.900	2.909	10.950	3.366	14.625	4.030	16.500	4.487	18.375	4.820
	25	8.850	2.825	9.600	3.158	10.500	3.656	13.800	4.280	15.900	4.799	17.700	5.173

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

HEATING CAPACITY
PEA-M•LA2 / PUZ-M•YKA2

Slim Standard

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA2	15	14.224	3.887	15.456	4.282	17.248	4.941	22.624	5.929	25.536	6.588	28.448	7.115
	20	13.664	4.216	14.784	4.612	16.352	5.336	21.840	6.390	24.640	7.115	27.440	7.642
	25	13.216	4.480	14.336	5.007	15.680	5.797	20.608	6.786	23.744	7.609	26.432	8.202
PEA-M250LA2	15	17.145	4.827	18.630	5.318	20.790	6.136	27.270	7.363	30.780	8.181	34.290	8.835
	20	16.470	5.236	17.820	5.727	19.710	6.627	26.325	7.936	29.700	8.835	33.075	9.490
	25	15.930	5.563	17.280	6.218	18.900	7.199	24.840	8.426	28.620	9.449	31.860	10.185

PEAD-SM•JA(L)(2) / SUZ-SM•VA

	Indoor intake air DB℃	Outdoor intake air WB℃															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM35JA(L)	15	2.050	0.575	2.583	0.718	3.116	0.862	3.649	0.972	4.182	1.050	4.715	1.116	5.207	1.149	5.740	1.171
	21	1.927	0.612	2.460	0.774	2.952	0.917	3.485	1.017	3.977	1.094	4.510	1.149	5.002	1.182	5.515	1.227
	26	1.681	0.663	2.214	0.829	2.747	0.972	3.239	1.072	3.772	1.149	4.305	1.204	4.797	1.238	5.330	1.271
PEAD-SM50JA(L)	15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
	21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
	26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860
PEAD-SM60JA(L)	15	3.500	0.981	4.410	1.226	5.320	1.471	6.230	1.660	7.140	1.792	8.050	1.905	8.890	1.961	9.800	1.999
	21	3.290	1.045	4.200	1.320	5.040	1.565	5.950	1.735	6.790	1.867	7.700	1.961	8.540	2.018	9.415	2.093
	26	2.870	1.132	3.780	1.415	4.690	1.660	5.530	1.829	6.440	1.961	7.350	2.056	8.190	2.112	9.100	2.169
PEAD-SM71JA(L)2	15	4.000	1.121	5.040	1.401	6.080	1.682	7.120	1.897	8.160	2.048	9.200	2.178	10.160	2.242	11.200	2.285
	21	3.760	1.194	4.800	1.509	5.760	1.789	6.800	1.984	7.760	2.134	8.800	2.242	9.760	2.307	10.760	2.393
	26	3.280	1.294	4.320	1.617	5.360	1.897	6.320	2.091	7.360	2.242	8.400	2.350	9.360	2.415	10.400	2.479

PEAD-SM•JA(L)2 / PUZ-SM•KA2

	Indoor intake air DB℃												
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM100JA(L)2	15	7.112	1.781	7.728	1.962	8.624	2.264	11.312	2.716	12.768	3.018	14.224	3.259
	20	6.832	1.932	7.392	2.113	8.176	2.445	10.920	2.927	12.320	3.259	13.720	3.501
	25	6.608	2.052	7.168	2.294	7.840	2.656	10.304	3.109	11.872	3.486	13.216	3.757
PEAD-SM125JA(L)2	15	8.573	2.276	9.315	2.507	10.395	2.893	13.635	3.471	15.390	3.857	17.145	4.166
	20	8.235	2.468	8.910	2.700	9.855	3.124	13.163	3.741	14.850	4.166	16.538	4.474
	25	7.965	2.623	8.640	2.931	9.450	3.394	12.420	3.973	14.310	4.455	15.930	4.802
PEAD-SM140JA(L)2	15	9.525	2.528	10.350	2.785	11.550	3.214	15.150	3.857	17.100	4.285	19.050	4.628
	20	9.150	2.742	9.900	3.000	10.950	3.471	14.625	4.156	16.500	4.628	18.375	4.971
	25	8.850	2.914	9.600	3.257	10.500	3.771	13.800	4.414	15.900	4.949	17.700	5.335

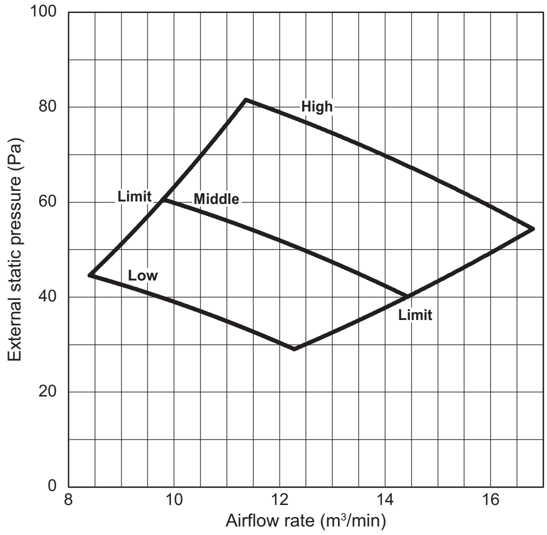
Note:
CA : Capacity (kW)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature (℃)
W.B. : Wet-bulb temperature (℃)

A.6.6 FAN PERFORMANCE

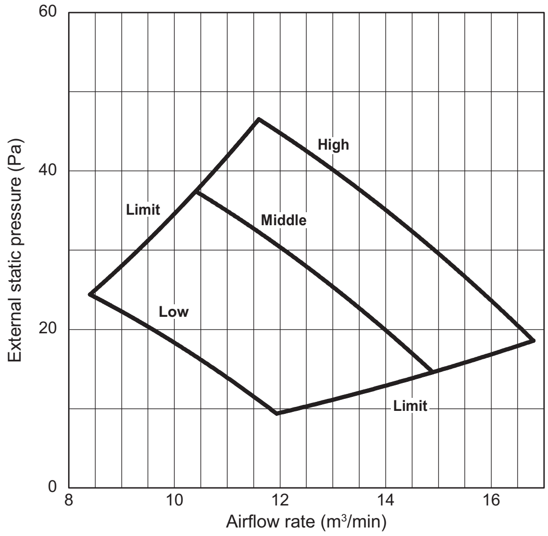
A.6.6.1 PEAD-M · JA(L)2 / PEAD-SM · JA(L)(2)

PEAD-M35JA2
PEAD-M35JAL2
PEAD-SM35JA
PEAD-SM35JAL

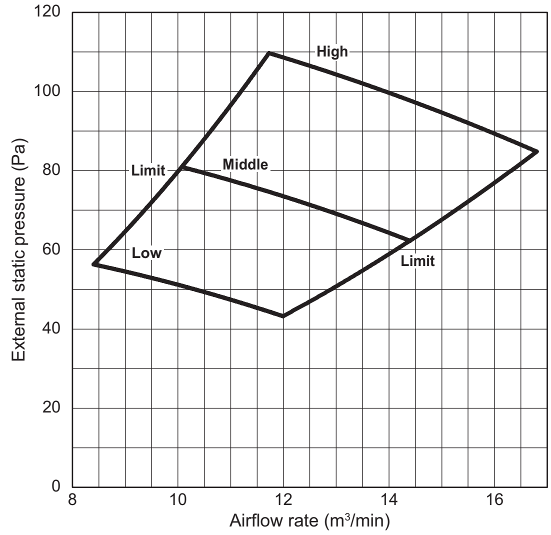
External static pressure: 70Pa
Powersource: 220-240V



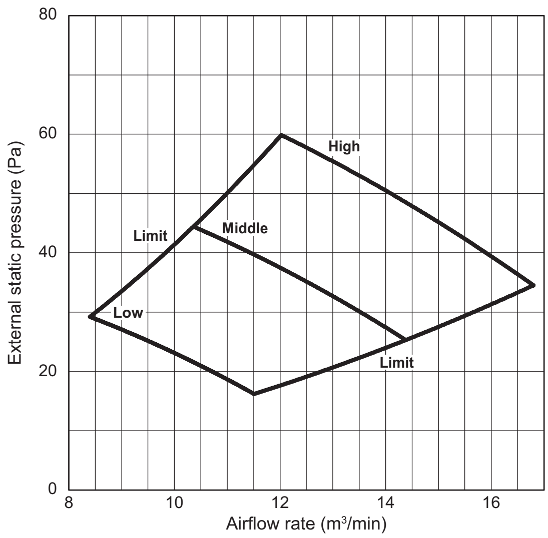
External static pressure: 35Pa
Powersource: 220-240V



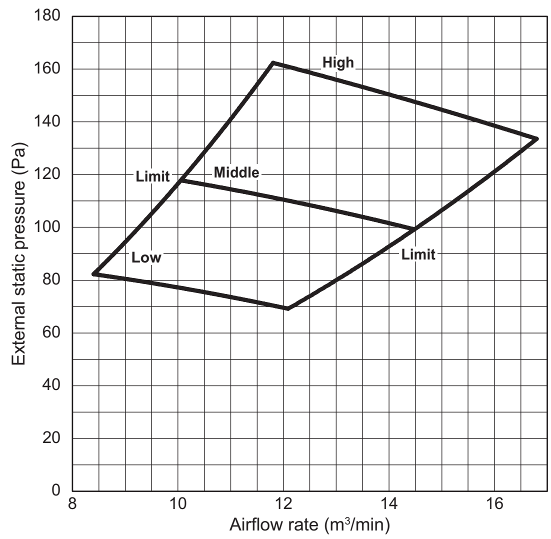
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V

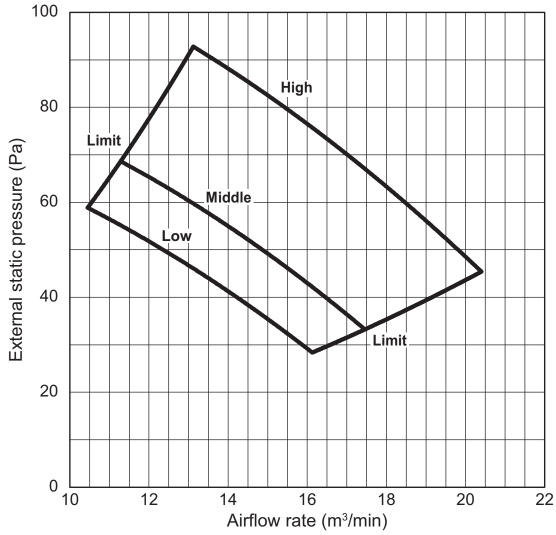


External static pressure: 150Pa
Powersource: 220-240V

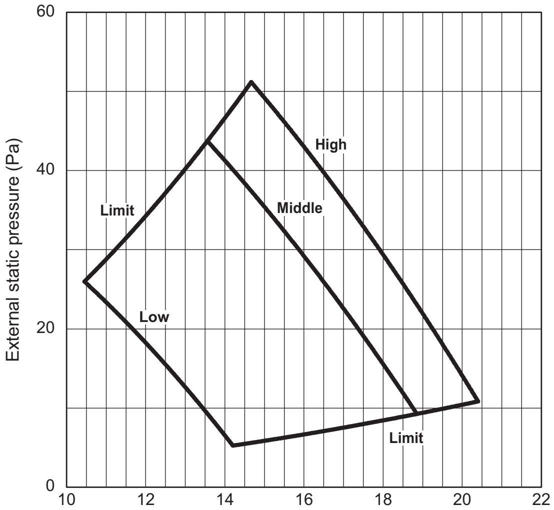


PEAD-M50JA2
PEAD-M50JAL2
PEAD-SM50JA
PEAD-SM50JAL

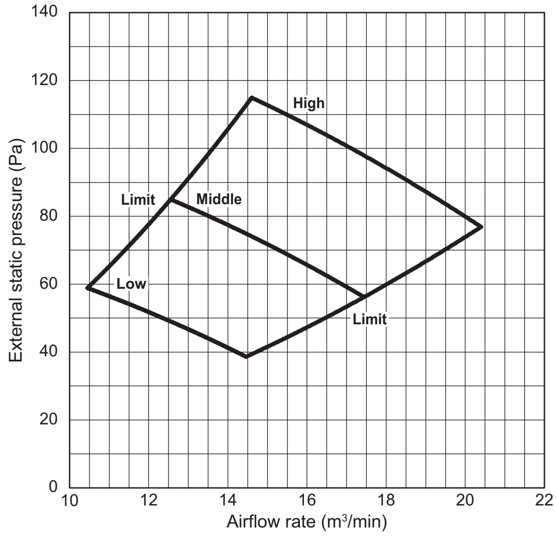
External static pressure: 70Pa
Powersource: 220-240V



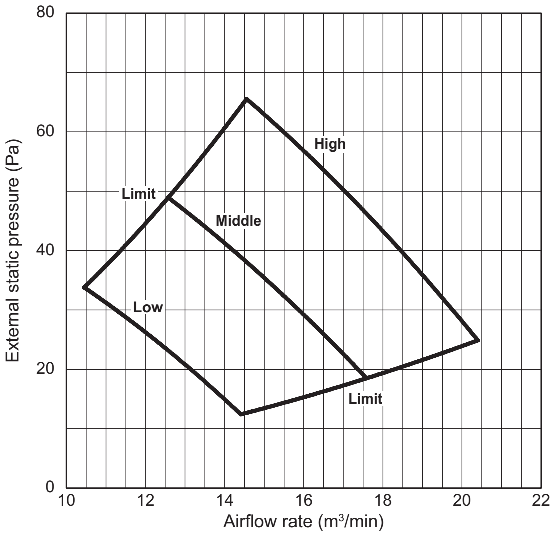
External static pressure: 35Pa
Powersource: 220-240V



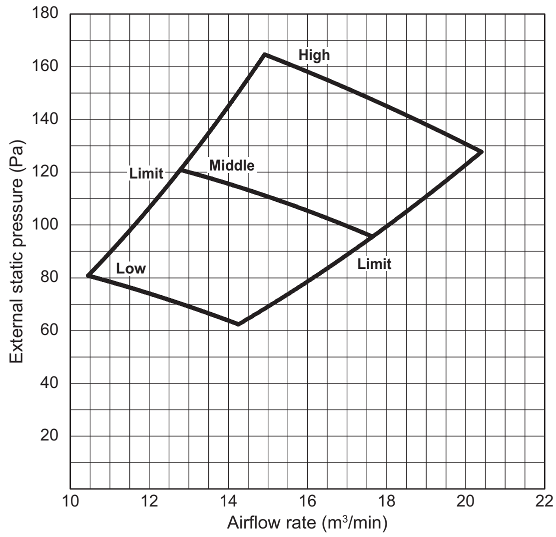
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V

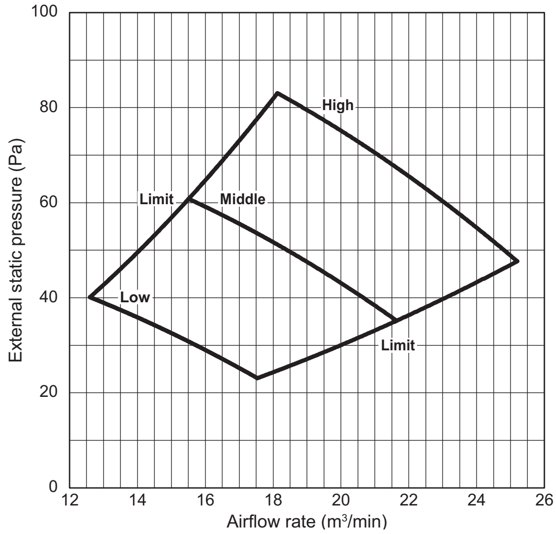


External static pressure: 150Pa
Powersource: 220-240V

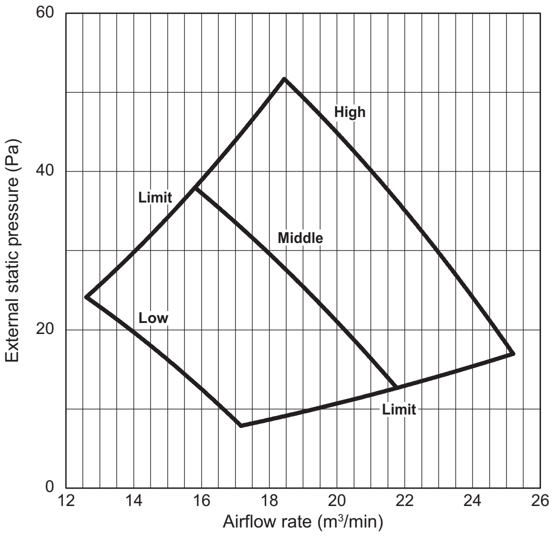


PEAD-M60JA2
PEAD-M60JAL2
PEAD-SM60JA
PEAD-SM60JAL

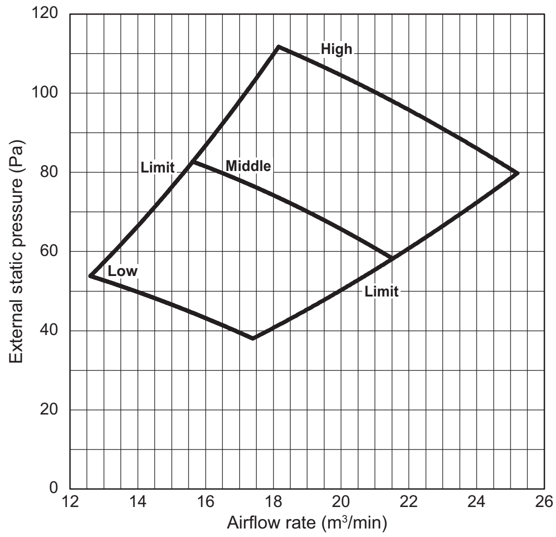
External static pressure: 70Pa
Powersource: 220-240V



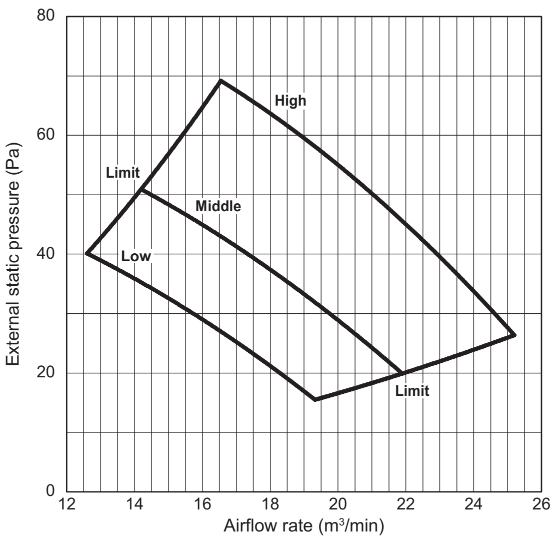
External static pressure: 40Pa
Powersource: 220-240V



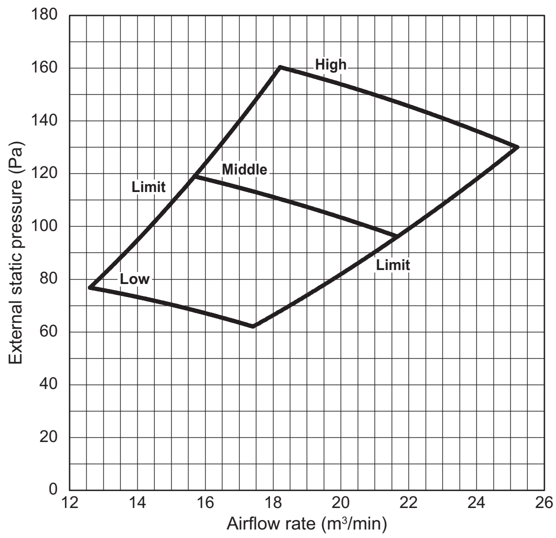
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V

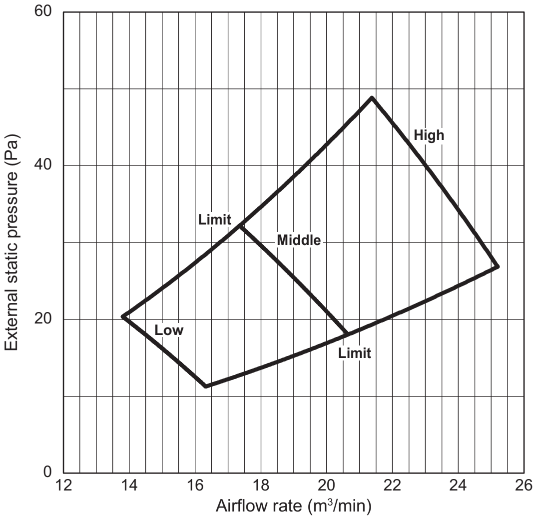


External static pressure: 150Pa
Powersource: 220-240V

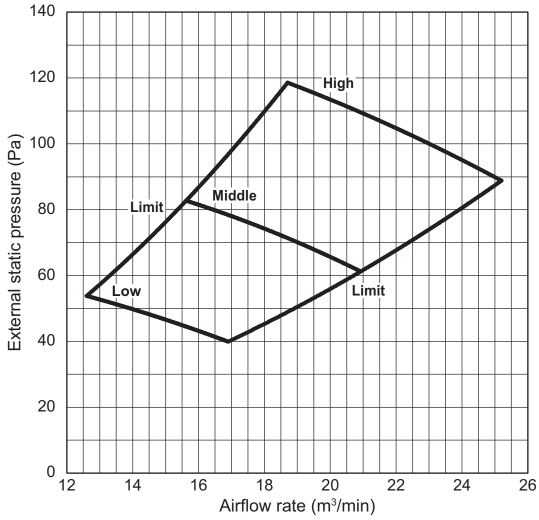


PEAD-M71JA2
PEAD-M71JAL2
PEAD-SM71JA2
PEAD-SM71JAL2

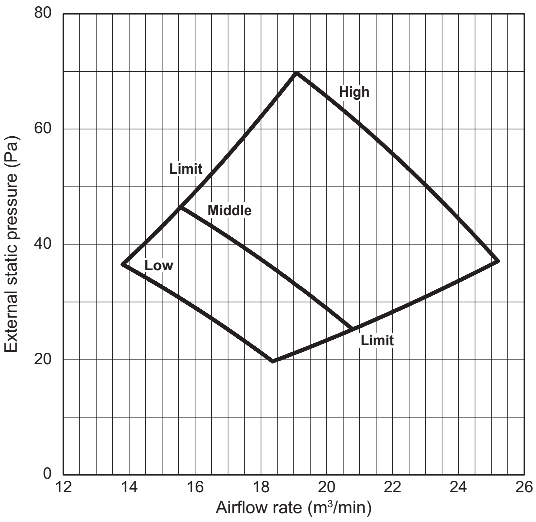
External static pressure: 40Pa
Powersource: 220-240V



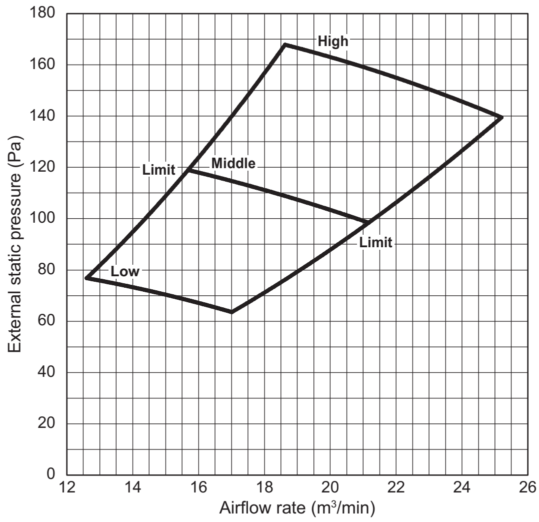
External static pressure: 100Pa
Powersource: 220-240V



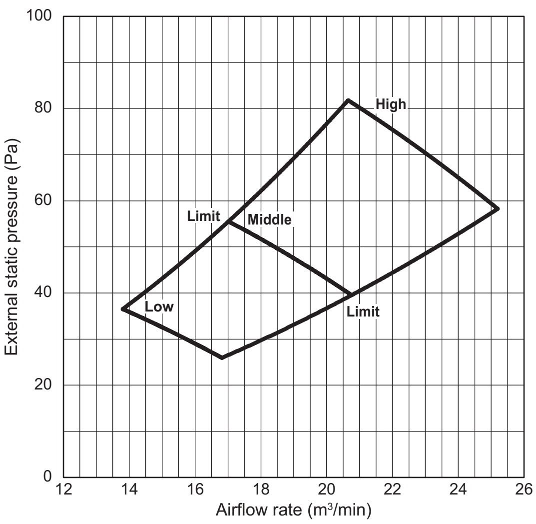
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



External static pressure: 70Pa
Powersource: 220-240V

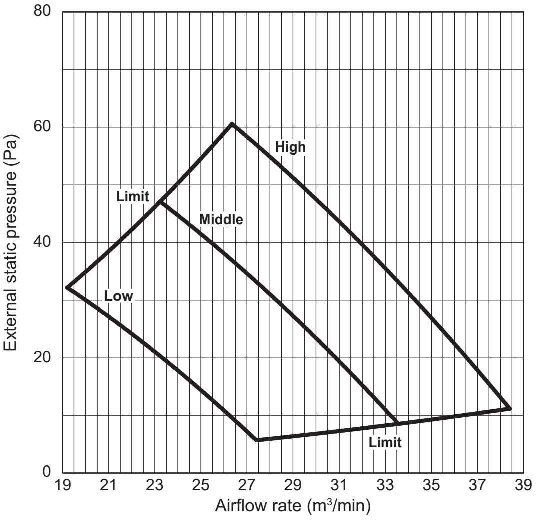


CEILING-CONCEALED

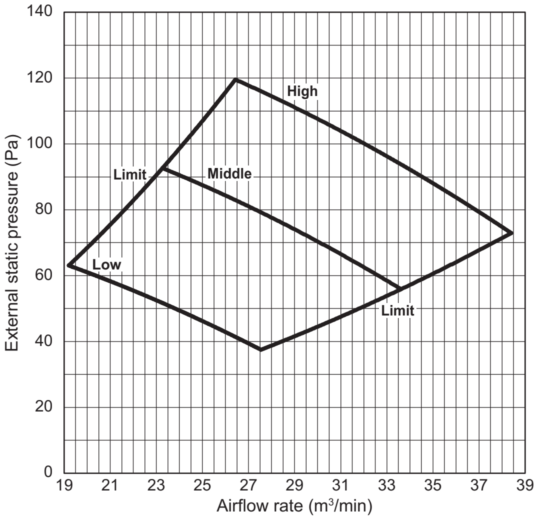
FAN PERFORMANCE

PEAD-M100JA2
PEAD-M100JAL2
PEAD-SM100JA2
PEAD-SM100JAL2

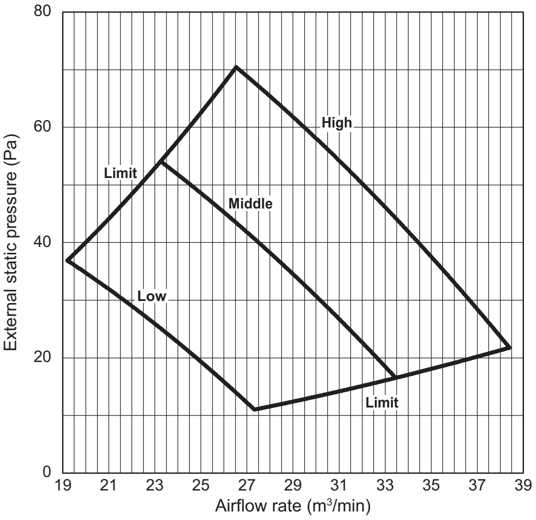
External static pressure: 40Pa
Powersource: 220-240V



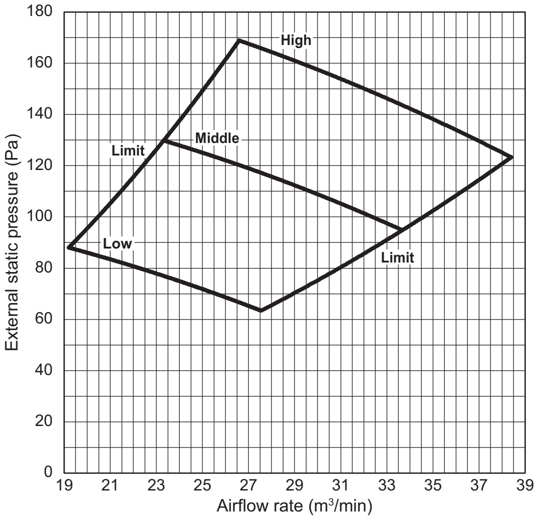
External static pressure: 100Pa
Powersource: 220-240V



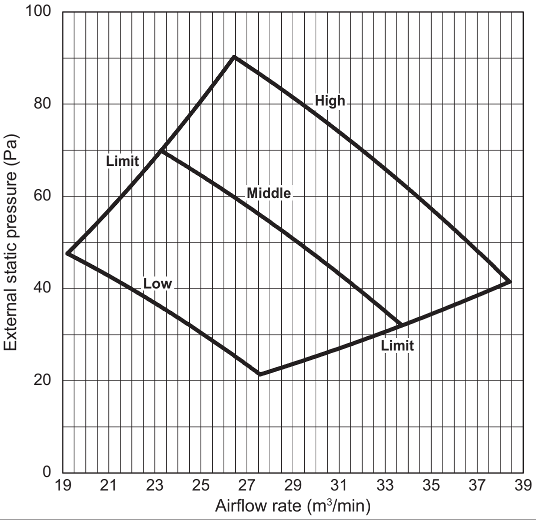
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V

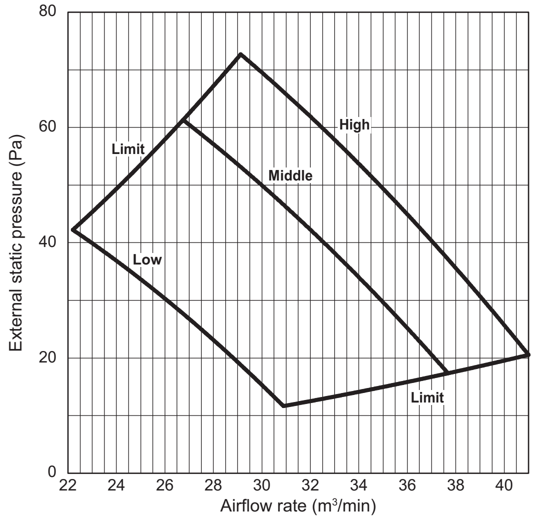


External static pressure: 70Pa
Powersource: 220-240V

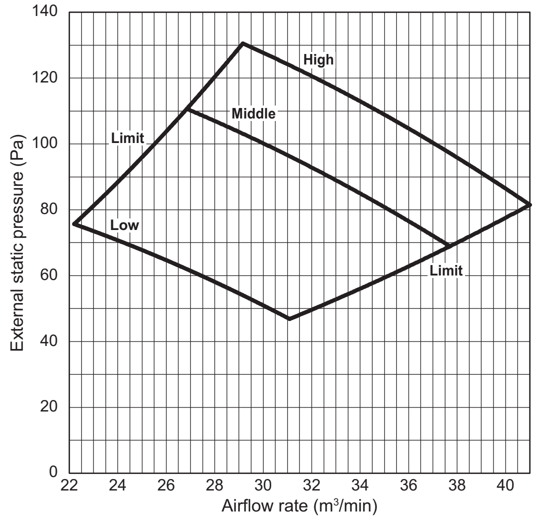


PEAD-M125JA2
PEAD-M125JAL2
PEAD-SM125JA2
PEAD-SM125JAL2

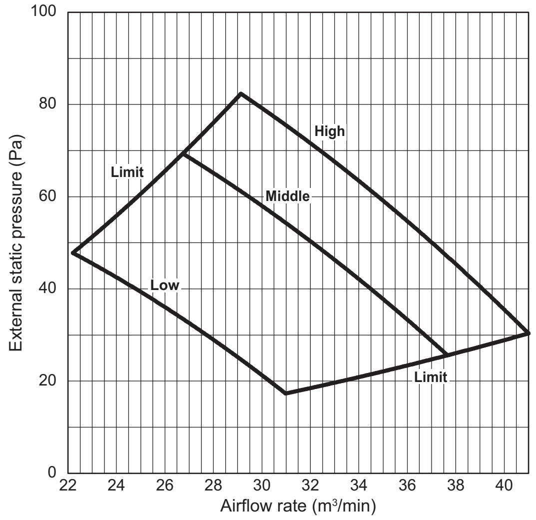
External static pressure: 40Pa
Powersource: 220-240V



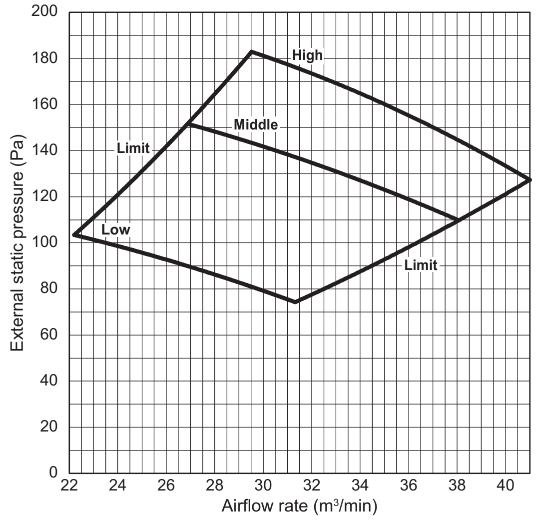
External static pressure: 100Pa
Powersource: 220-240V



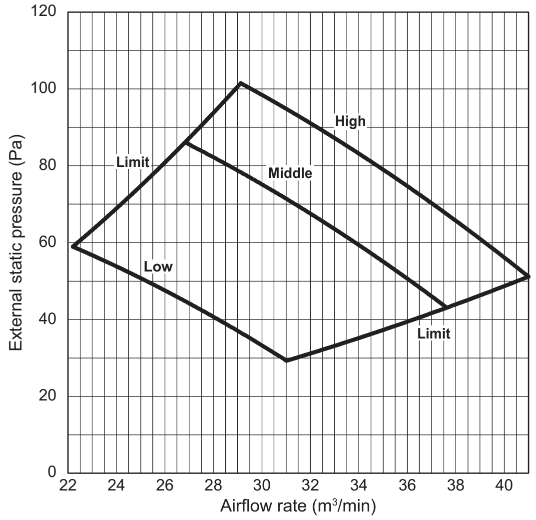
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V

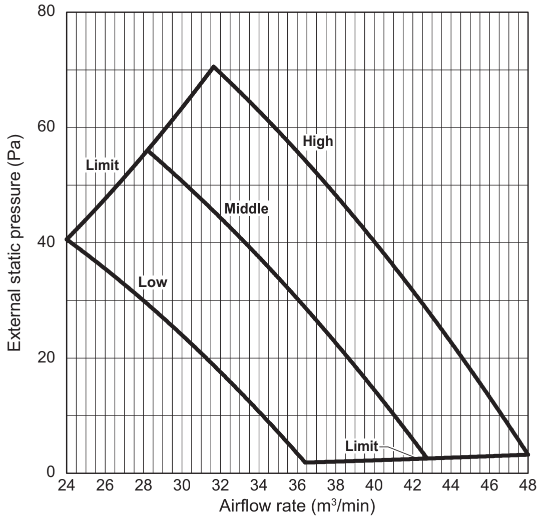


External static pressure: 70Pa
Powersource: 220-240V

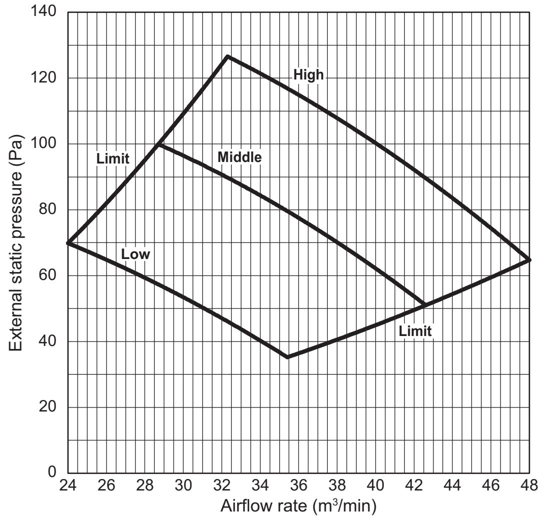


PEAD-M140JA2
PEAD-M140JAL2
PEAD-SM140JA2
PEAD-SM140JAL2

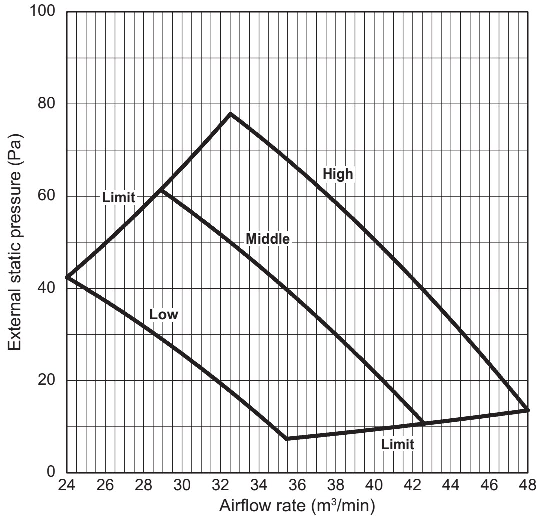
External static pressure: 40Pa
Powersource: 220-240V



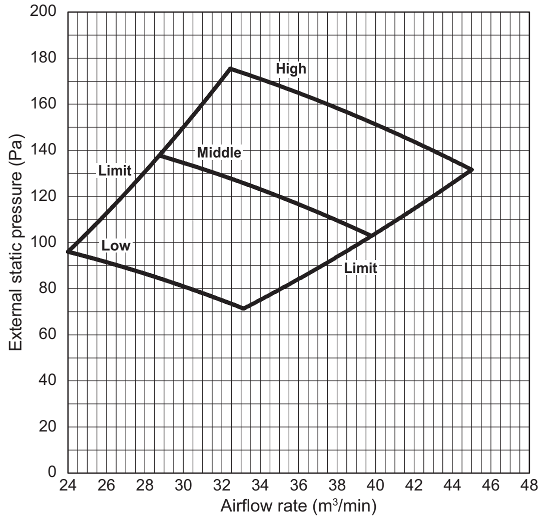
External static pressure: 100Pa
Powersource: 220-240V



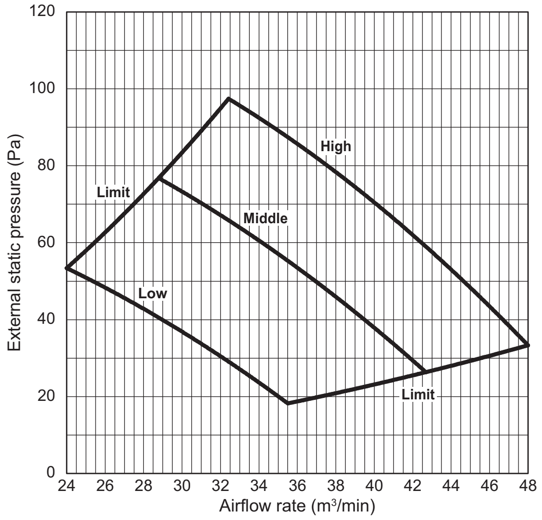
External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



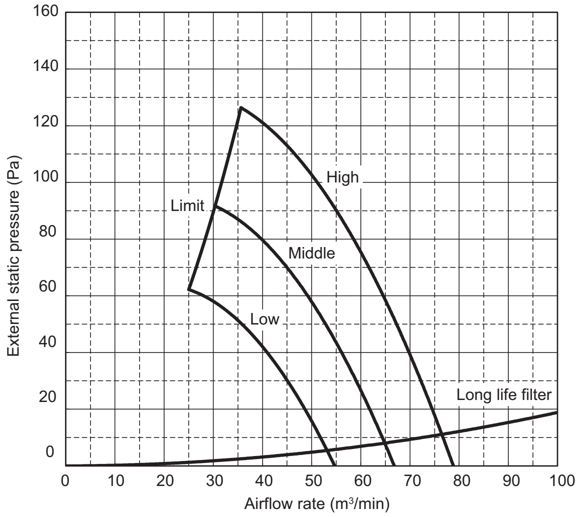
External static pressure: 70Pa
Powersource: 220-240V



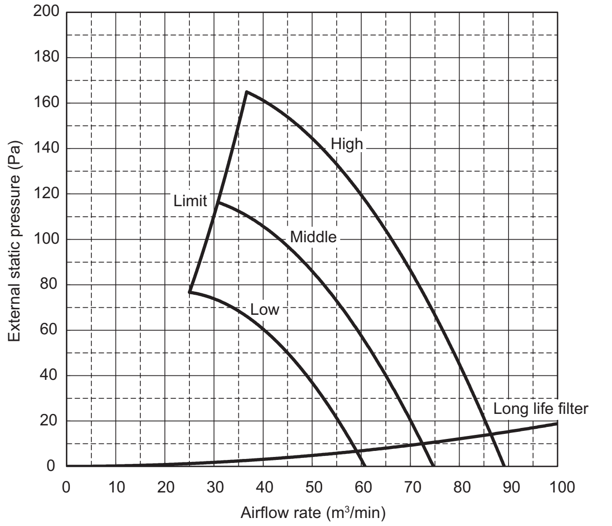
A.6.6.2 PEA-M·LA2

PEA-M200LA2

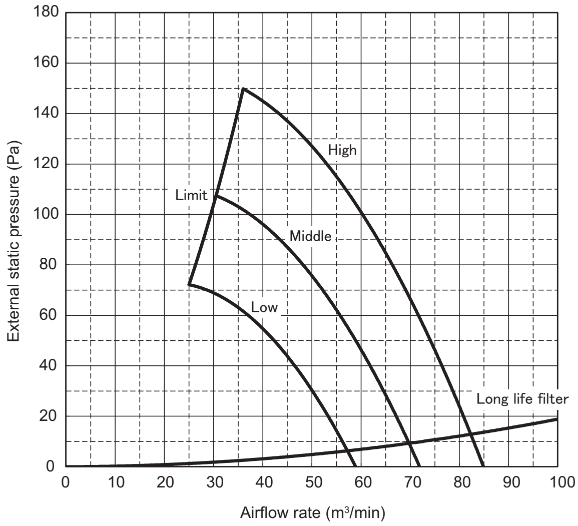
External static pressure: 75Pa Normal airflow mode
Power source: 220-240V



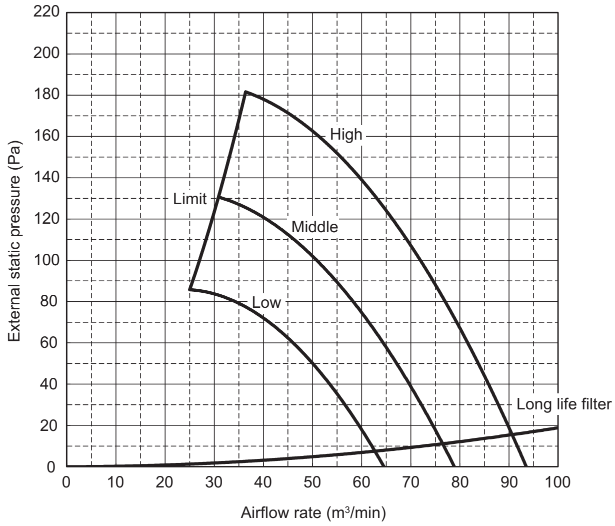
External static pressure: 75Pa High airflow mode
Power source: 220-240V



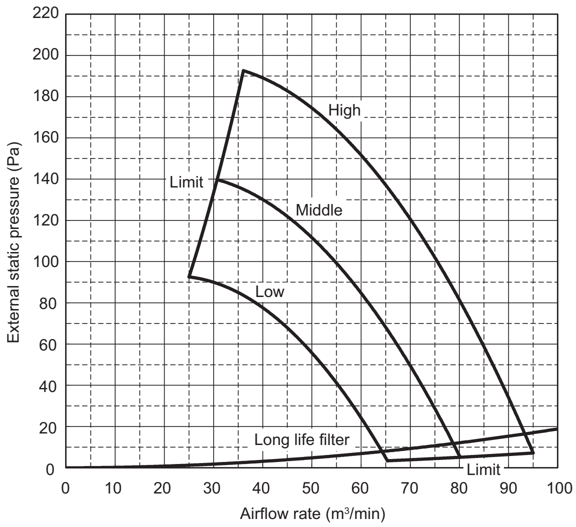
External static pressure: 100Pa Normal airflow mode
Power source: 220-240V



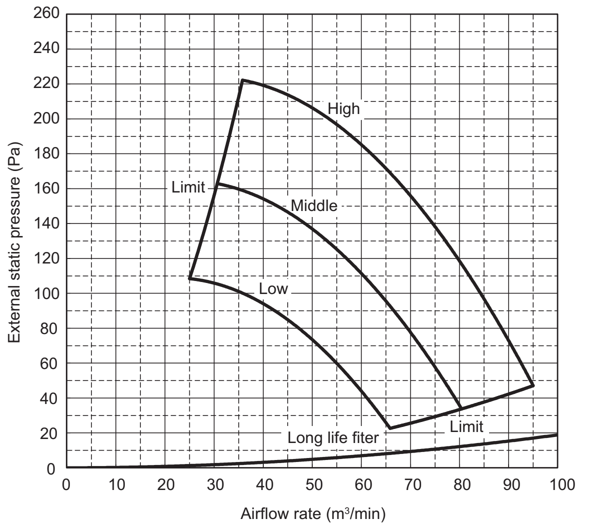
External static pressure: 100Pa High airflow mode
Power source: 220-240V



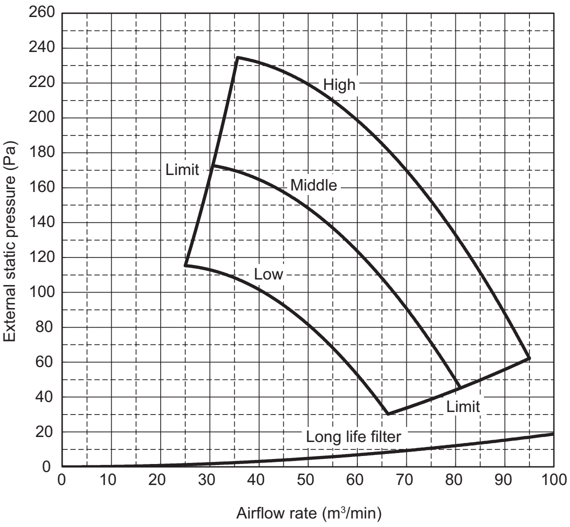
External static pressure: 150Pa Normal airflow mode
Power source: 220-240V



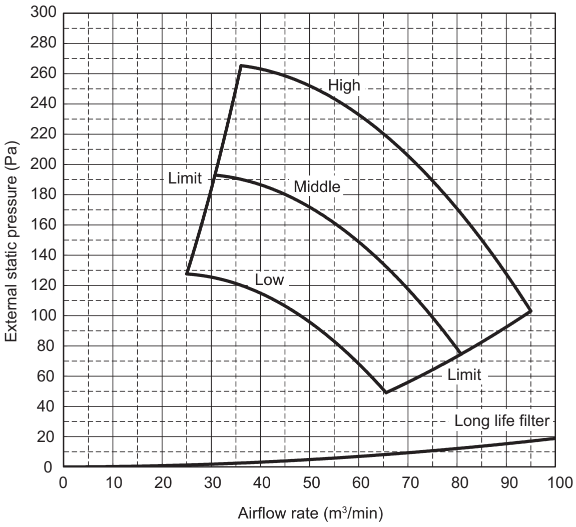
External static pressure: 150Pa High airflow mode
Power source: 220-240V



External static pressure: 200Pa Normal airflow mode
Power source: 220-240V

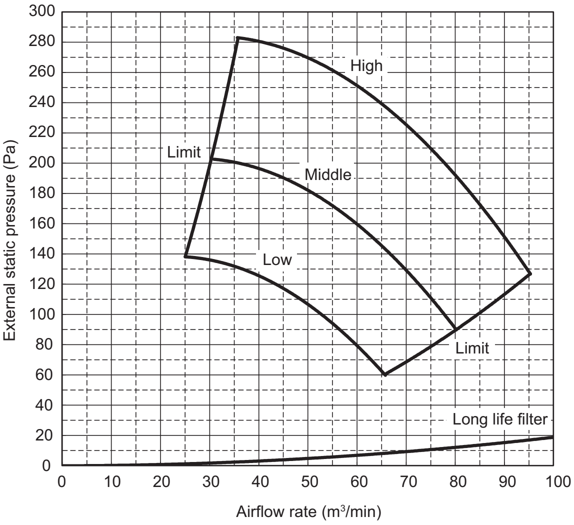


External static pressure: 200Pa High airflow mode
Power source: 220-240V



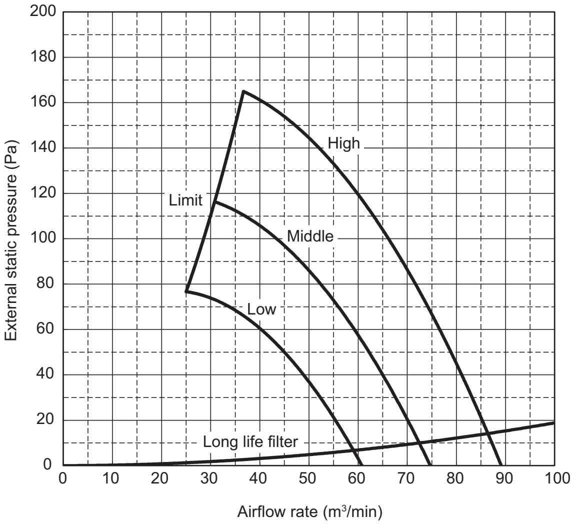
PEA-M200LA2

External static pressure: 250Pa Normal/High airflow mode
Power source: 220-240V

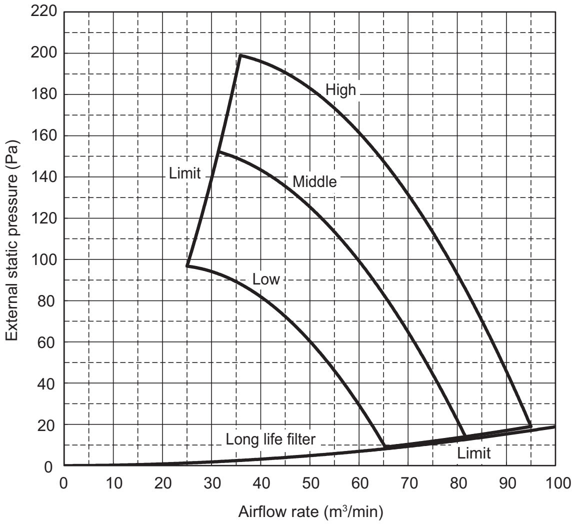


PEA-M250LA2

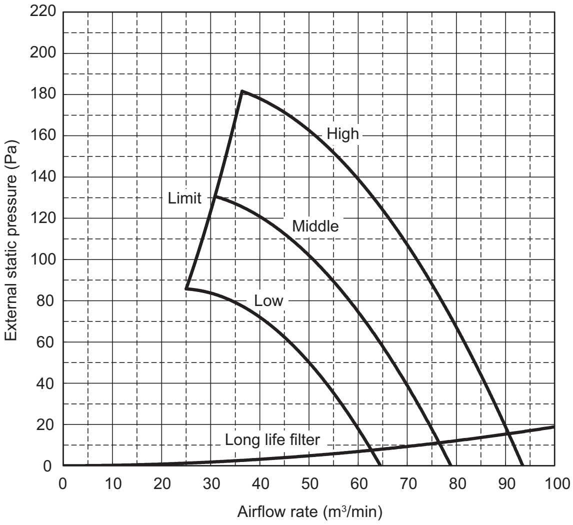
External static pressure: 75Pa Normal airflow mode
Power source: 220-240V



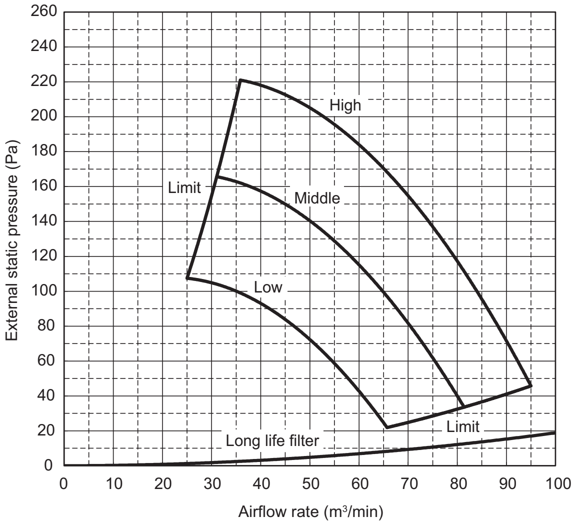
External static pressure: 75Pa High airflow mode
Power source: 220-240V



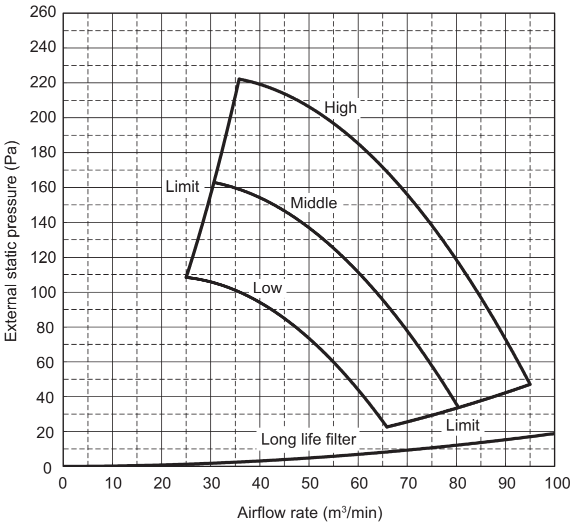
External static pressure: 100Pa Normal airflow mode
Power source: 220-240V



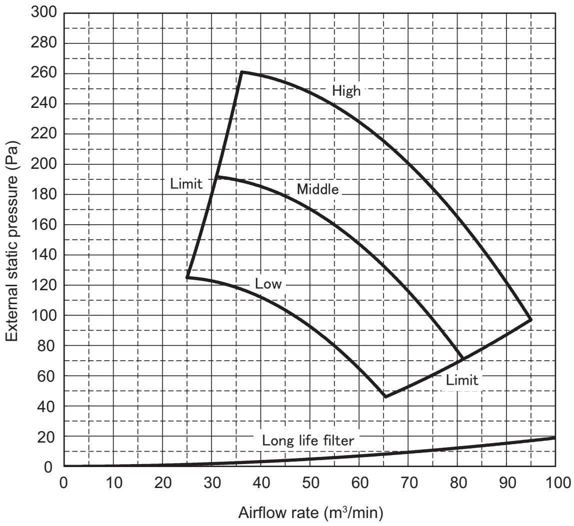
External static pressure: 100Pa High airflow mode
Power source: 220-240V



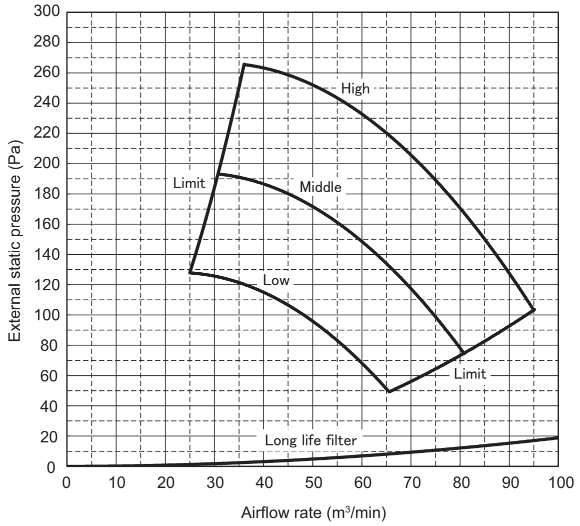
External static pressure: 150Pa Normal airflow mode
Power source: 220-240V



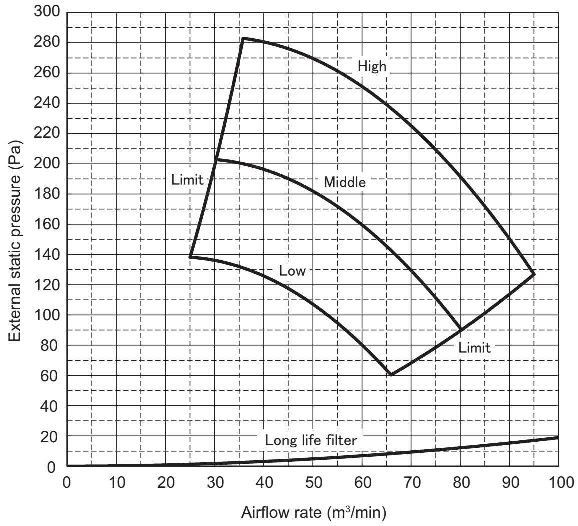
External static pressure: 150Pa High airflow mode
Power source: 220-240V



External static pressure: 200Pa Normal/High airflow mode
Power source: 220-240V

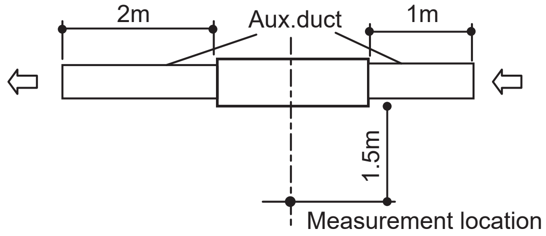


External static pressure: 250Pa Normal/High airflow mode
Power source: 220-240V



A.6.7 NOISE CRITERIA CURVES

Ceiling concealed



Noise level at anechoic room (Low-Middle-High) Unit:dB(A)

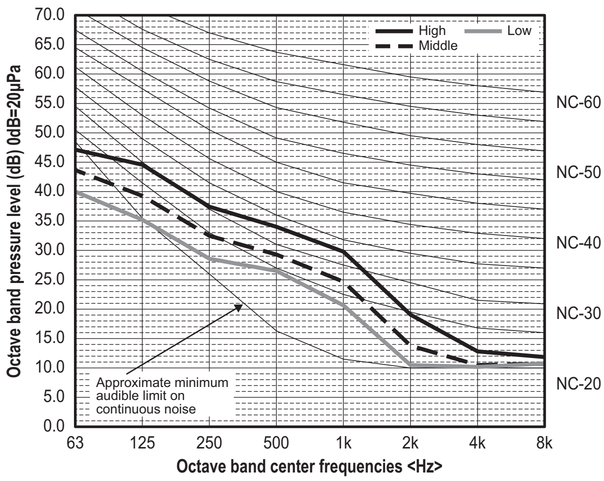
Model	Exrernal static pressure					
	35Pa	40Pa	50Pa	70Pa	100Pa	150Pa
PEAD-M35JA(L)2 PEAD-SM35JA(L)	24-29-32	-	25-32-34	28-32-36	30-34-38	33-38-42
PEAD-M50JA(L)2 PEAD-SM50JA(L)	27-33-35	-	28-33-36	31-34-38	31-36-40	34-39-43
PEAD-M60JA(L)2 PEAD-SM60JA(L)	-	26-32-35	30-33-36	30-34-38	31-36-40	34-40-43
PEAD-M71JA(L)2 PEAD-SM71JA(L)2	-	26-32-37	30-33-38	30-34-40	31-36-41	34-40-44
PEAD-M100JA(L)2 PEAD-SM100JA(L)2	-	31-36-39	32-37-40	34-39-42	36-41-44	38-44-47
PEAD-M125JA(L)2 PEAD-SM125JA(L)2	-	34-38-40	35-39-41	35-40-42	36-41-43	39-44-46
PEAD-M140JA(L)2 PEAD-SM140JA(L)2	-	34-38-40	34-38-41	35-39-41	36-40-43	38-42-46

Model		Exrernal static pressure				
		75Pa	100Pa	150Pa	200Pa	250Pa
PEA-M200LA2	normal airflow mode	34.5-39.0-43.0	36.0-40.5-44.0	38.0-43.0-46.5	40.0-44.5-48.5	41.5-46.5-50.5
	high airflow mode	37.5-42.0-46.0	38.5-43.0-47.0	40.0-45.0-49.0	41.5-46.5-50.5	41.5-46.5-50.5

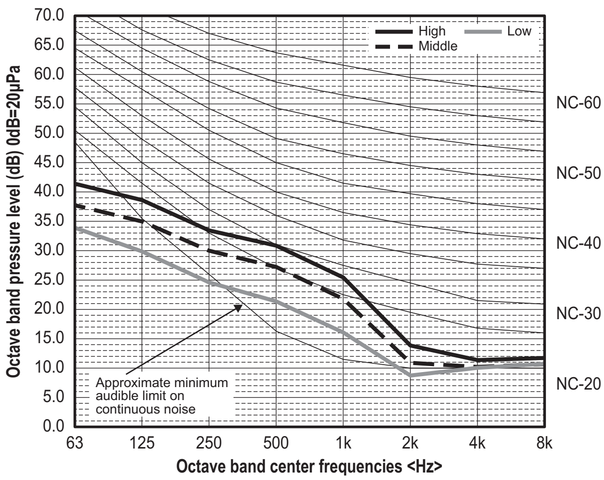
Model		Exrernal static pressure				
		75Pa	100Pa	150Pa	200Pa	250Pa
PEA-M250LA2	normal airflow mode	37.5-42.0-46.0	38.5-43.0-47.0	40.0-45.0-49.0	41.5-46.5-50.5	41.5-46.5-50.5
	high airflow mode	40.0-45.5-48.5	41.0-46.0-49.5	42.5-47.5-51.0	41.5-46.5-50.5	41.5-46.5-50.5

PEAD-M35JA2
PEAD-M35JAL2
PEAD-SM35JA
PEAD-SM35JAL

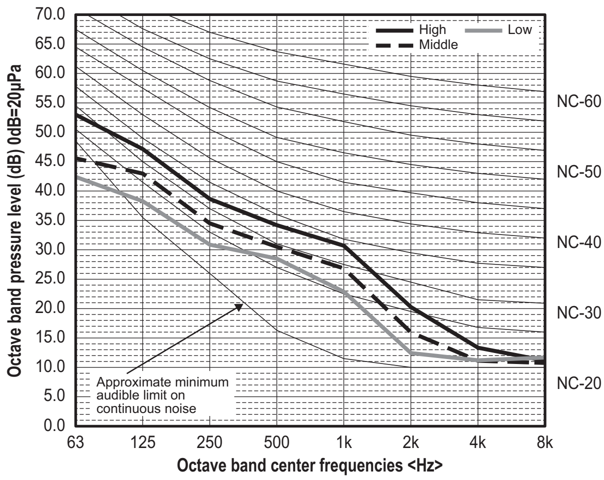
External static pressure: 70Pa
Powersource: 220-240V



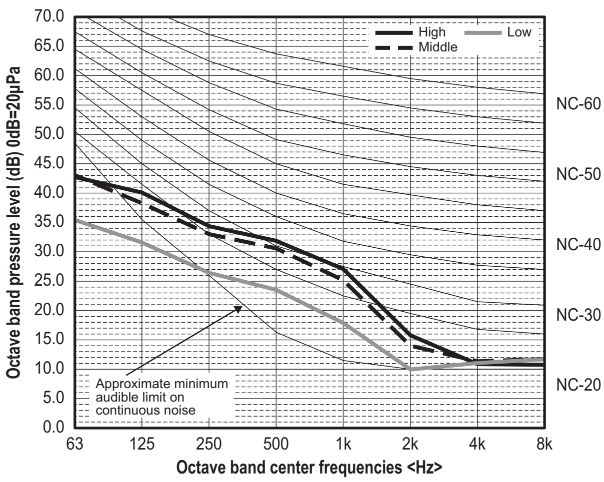
External static pressure: 35Pa
Powersource: 220-240V



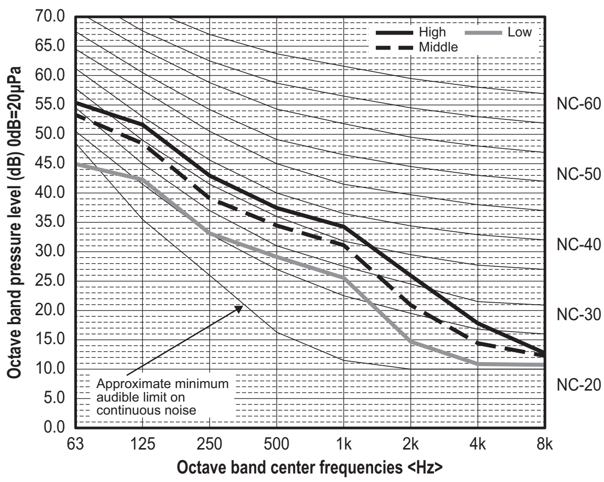
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



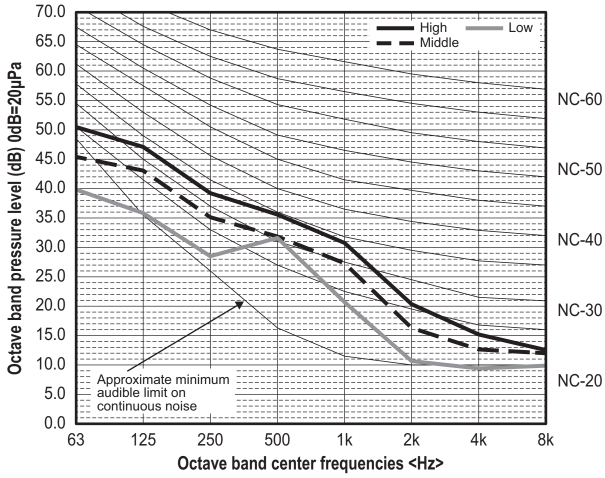
External static pressure: 150Pa
Powersource: 220-240V



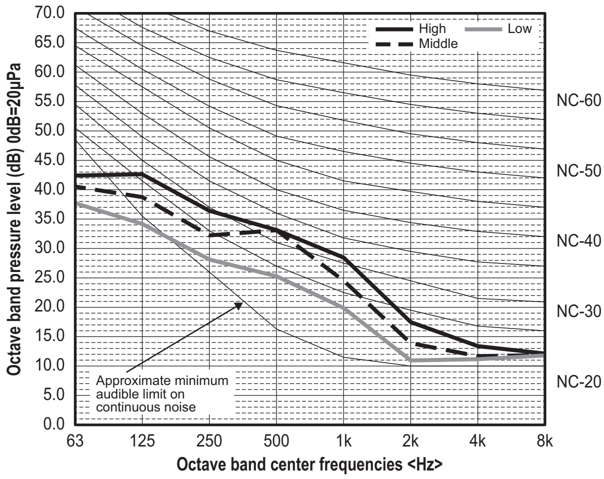
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M50JA2
PEAD-M50JAL2
PEAD-SM50JA
PEAD-SM50JAL

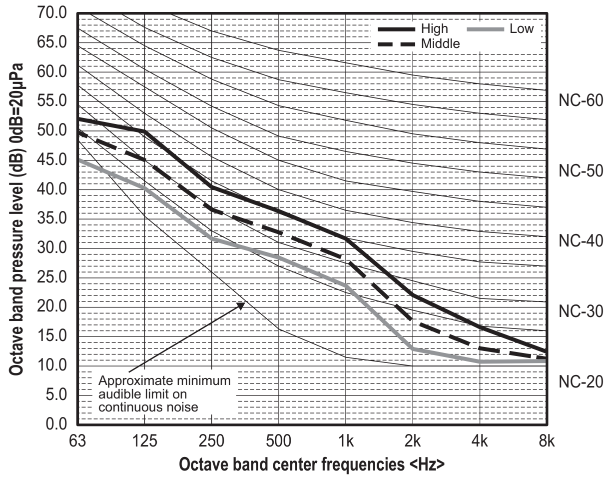
External static pressure: 70Pa
Powersource: 220-240V



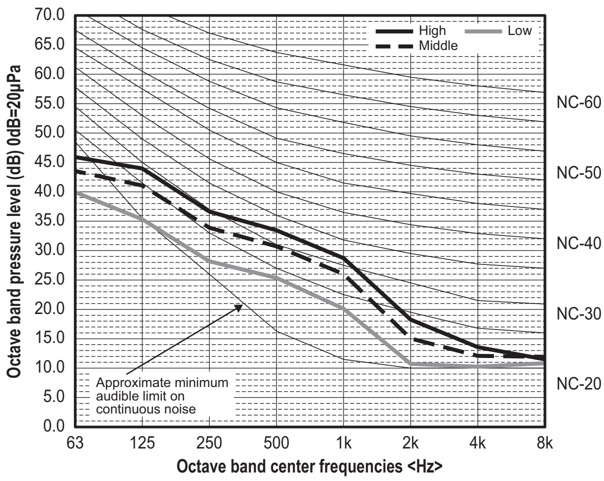
External static pressure: 35Pa
Powersource: 220-240V



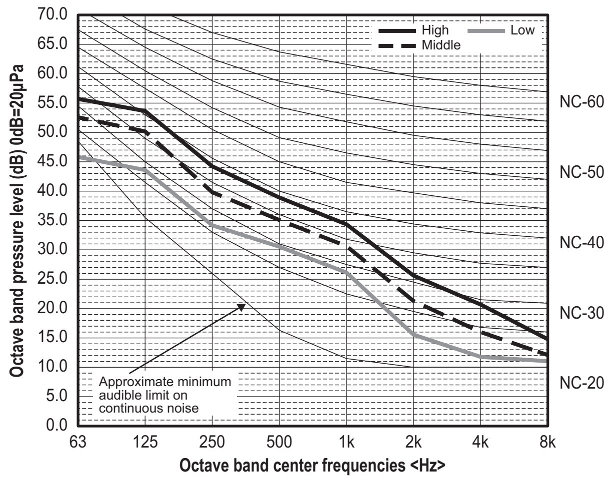
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



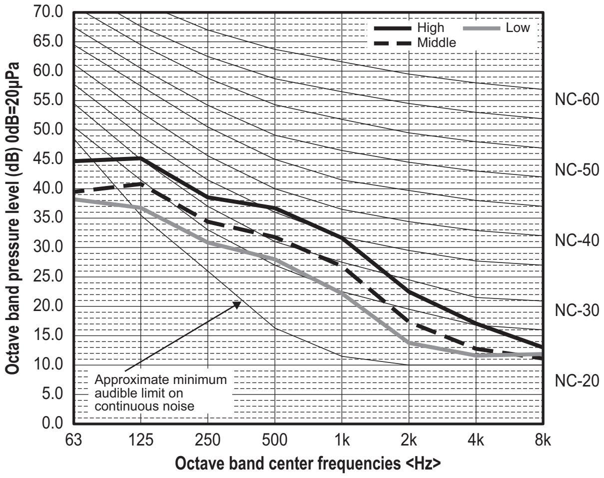
External static pressure: 150Pa
Powersource: 220-240V



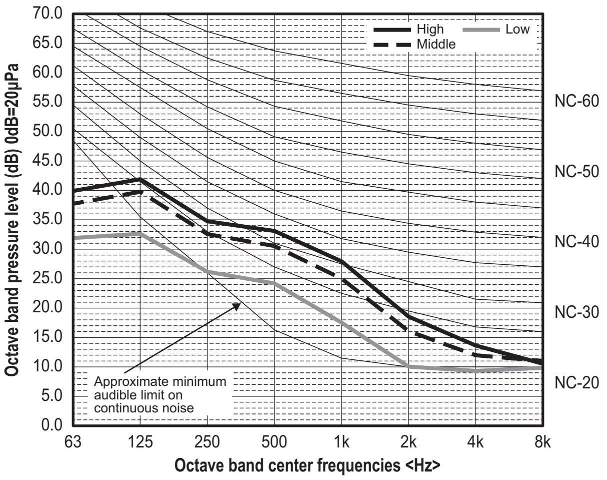
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M60JA2
PEAD-M60JAL2
PEAD-SM60JA
PEAD-SM60JAL

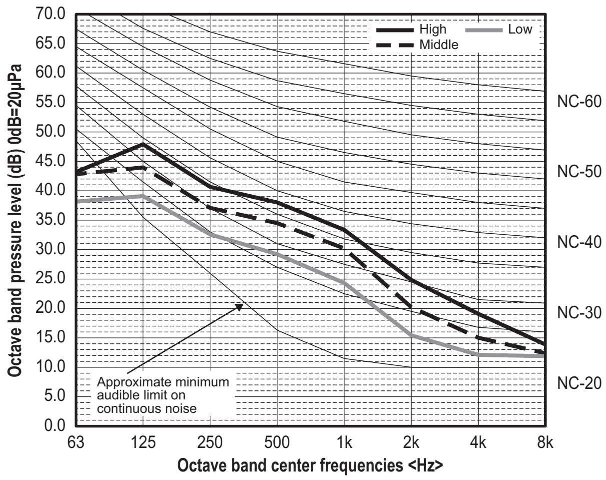
External static pressure: 70Pa
Powersource: 220-240V



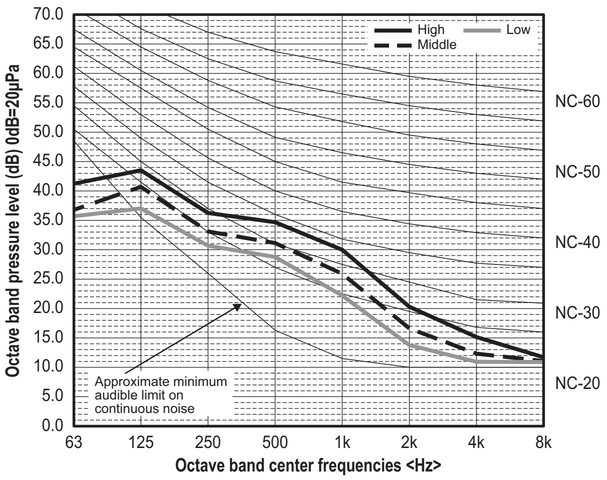
External static pressure: 40Pa
Powersource: 220-240V



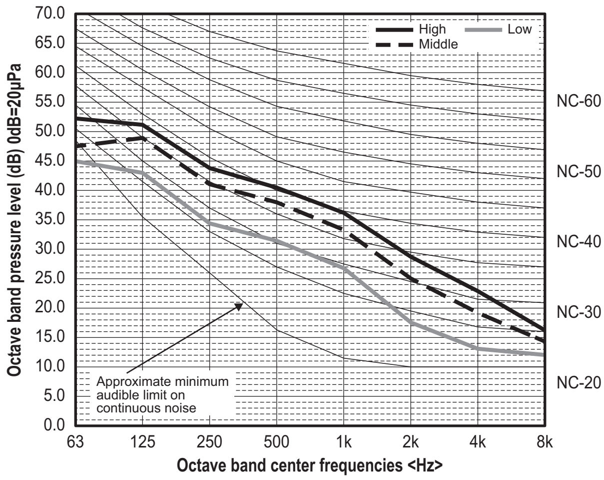
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



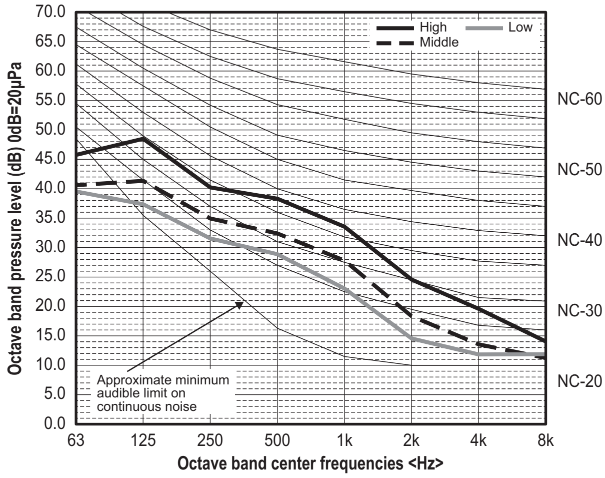
External static pressure: 150Pa
Powersource: 220-240V



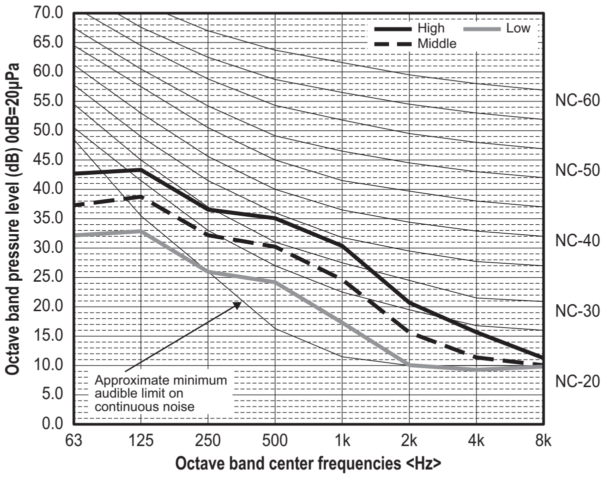
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M71JA2
PEAD-M71JAL2
PEAD-SM71JA2
PEAD-SM71JAL2

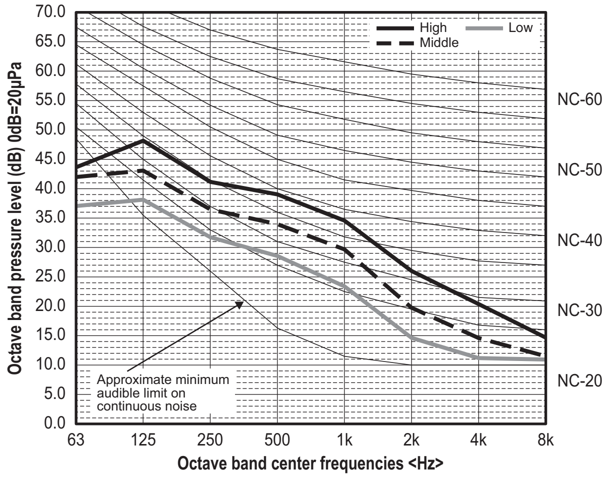
External static pressure: 70Pa
Powersource: 220-240V



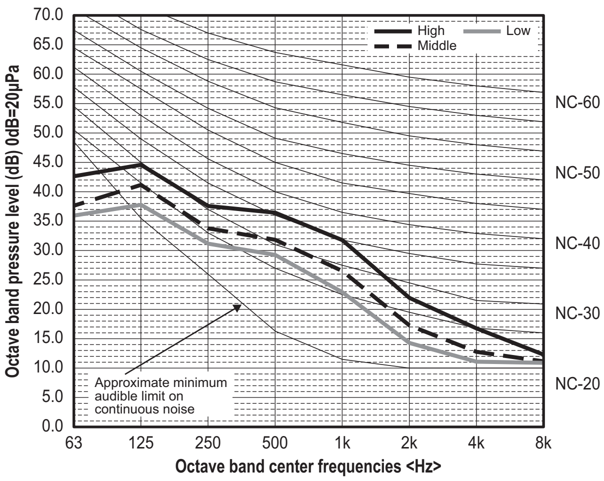
External static pressure: 40Pa
Powersource: 220-240V



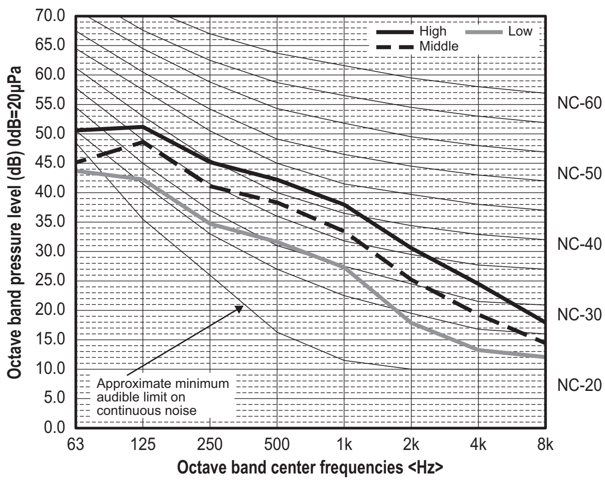
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



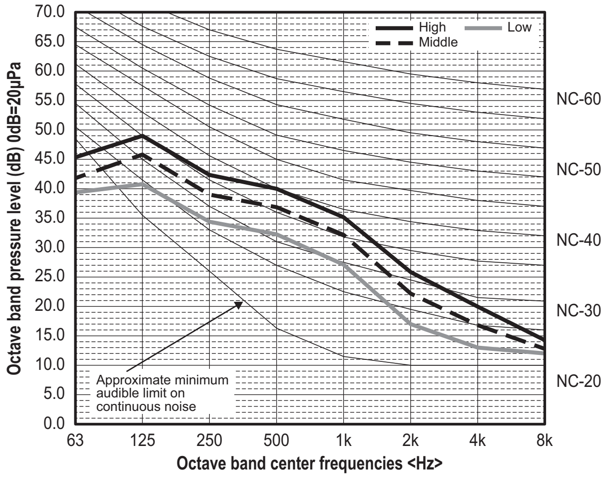
External static pressure: 150Pa
Powersource: 220-240V



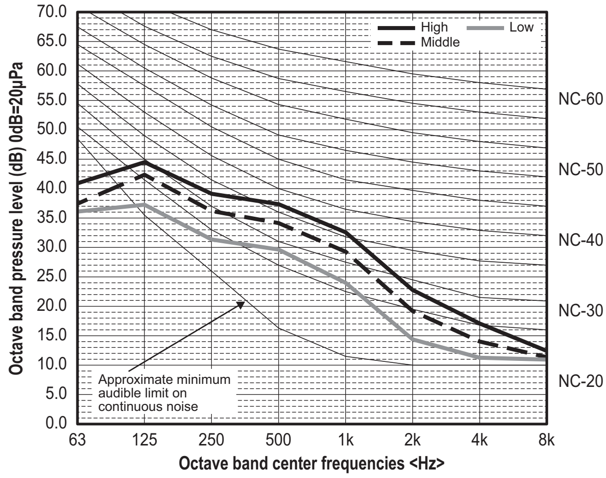
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M100JA2
PEAD-M100JAL2
PEAD-SM100JA2
PEAD-SM100JAL2

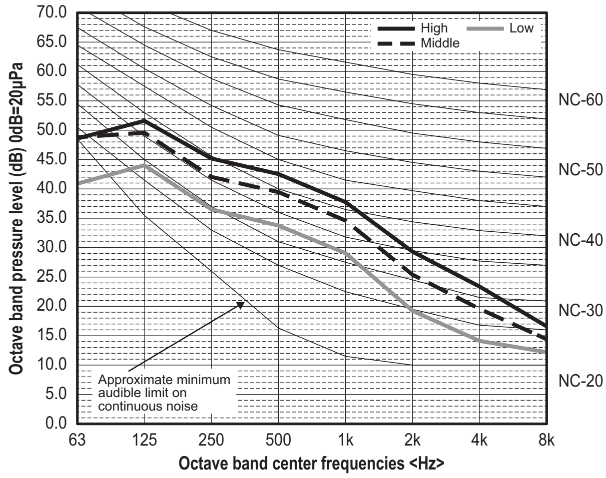
External static pressure: 70Pa
Powersource: 220-240V



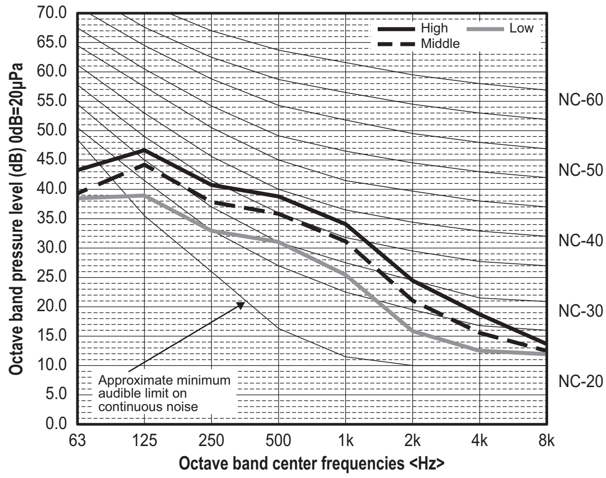
External static pressure: 40Pa
Powersource: 220-240V



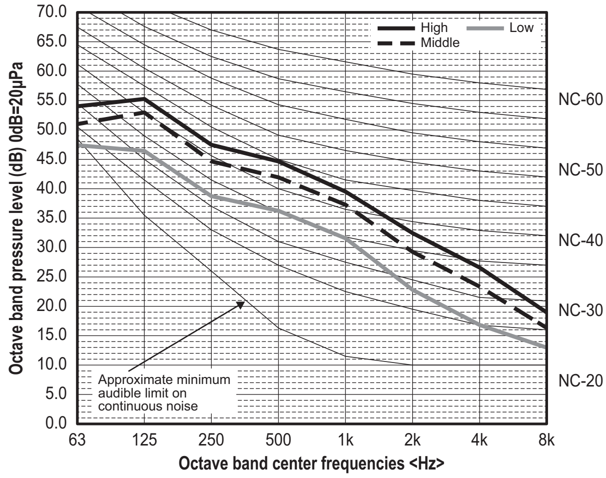
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



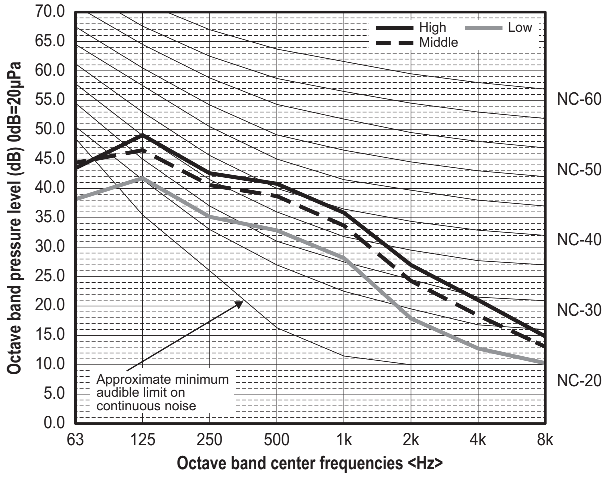
External static pressure: 150Pa
Powersource: 220-240V



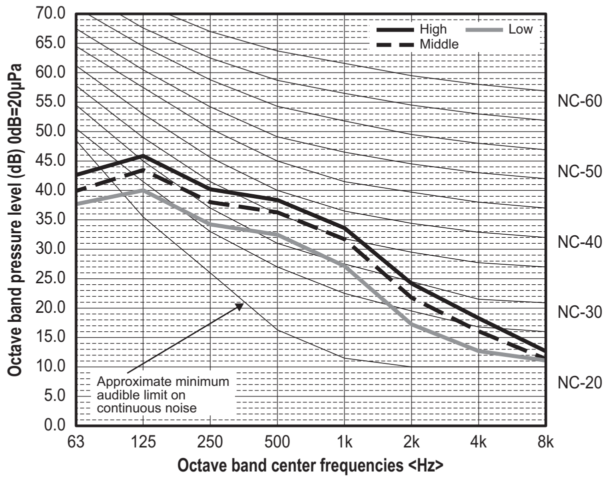
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M125JA2
PEAD-M125JAL2
PEAD-SM125JA2
PEAD-SM125JAL2

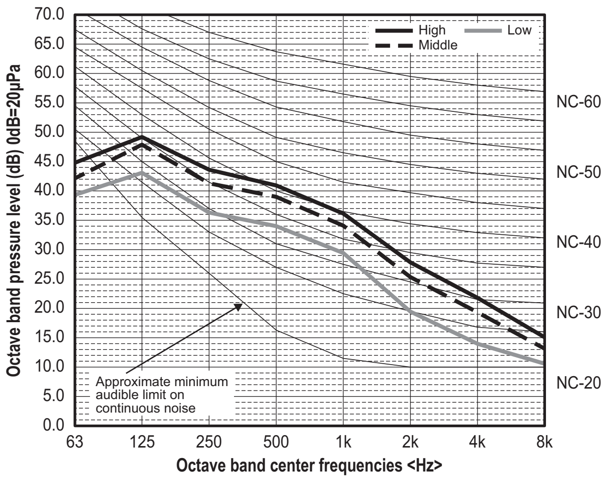
External static pressure: 70Pa
Powersource: 220-240V



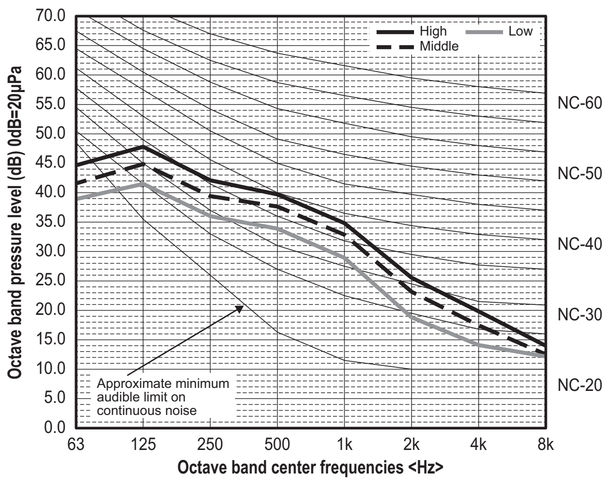
External static pressure: 40Pa
Powersource: 220-240V



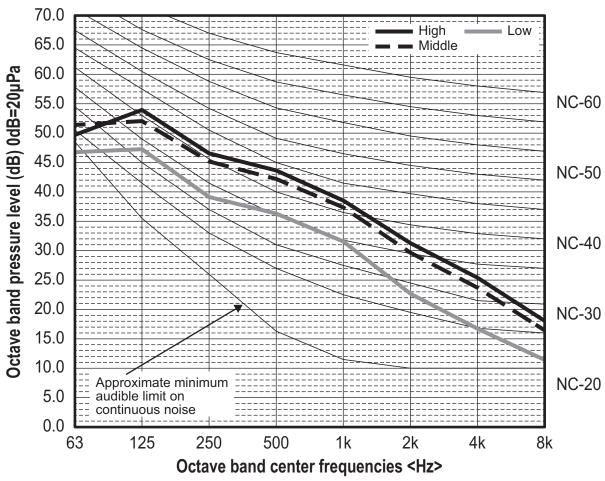
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



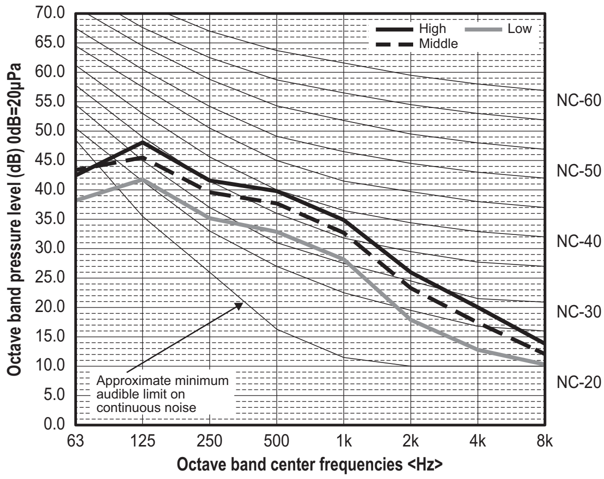
External static pressure: 150Pa
Powersource: 220-240V



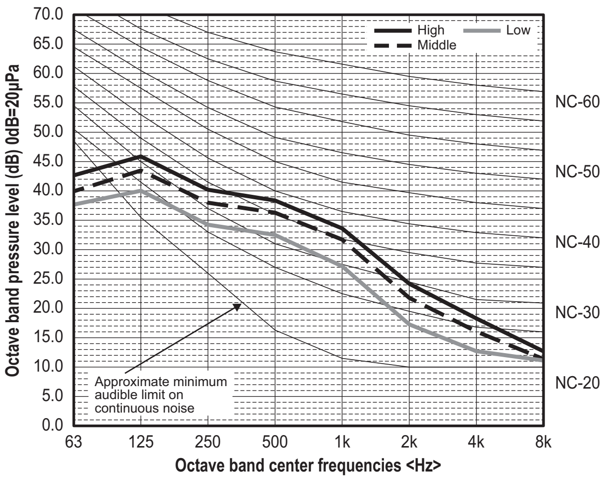
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M140JA2
PEAD-M140JAL2
PEAD-SM140JA2
PEAD-SM140JAL2

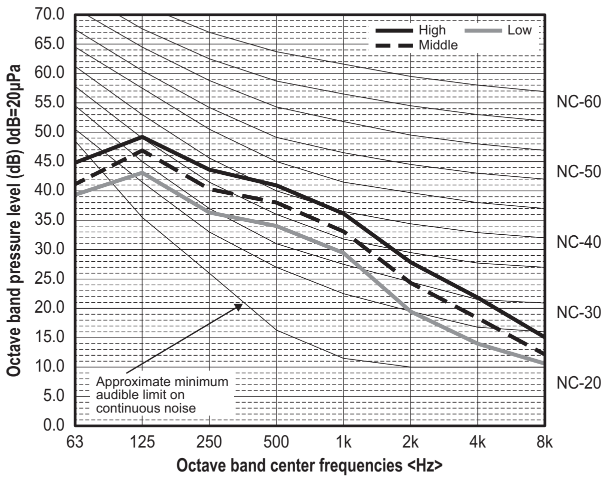
External static pressure: 70Pa
Powersource: 220-240V



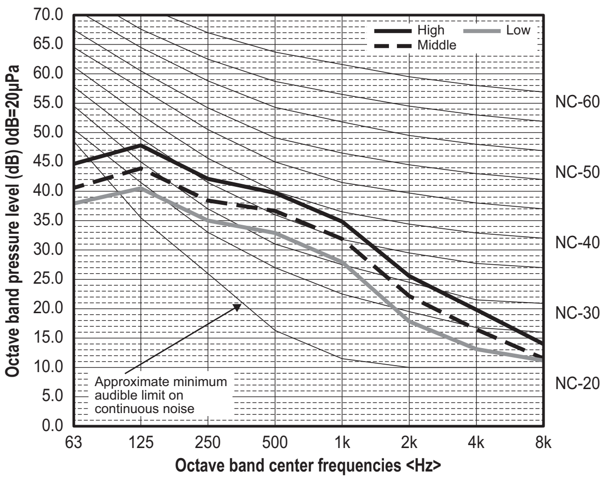
External static pressure: 40Pa
Powersource: 220-240V



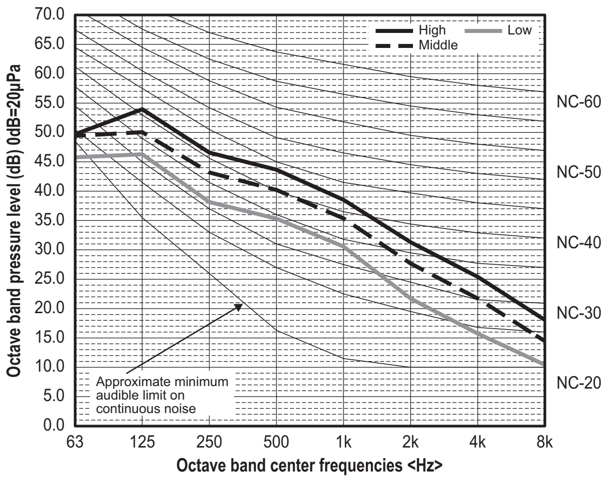
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



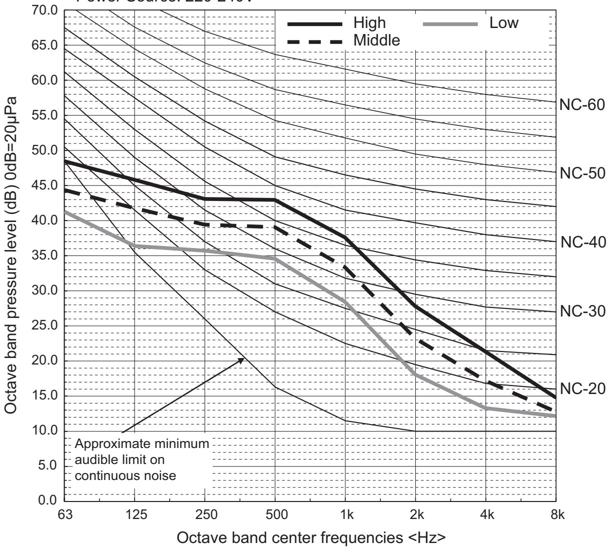
External static pressure: 150Pa
Powersource: 220-240V



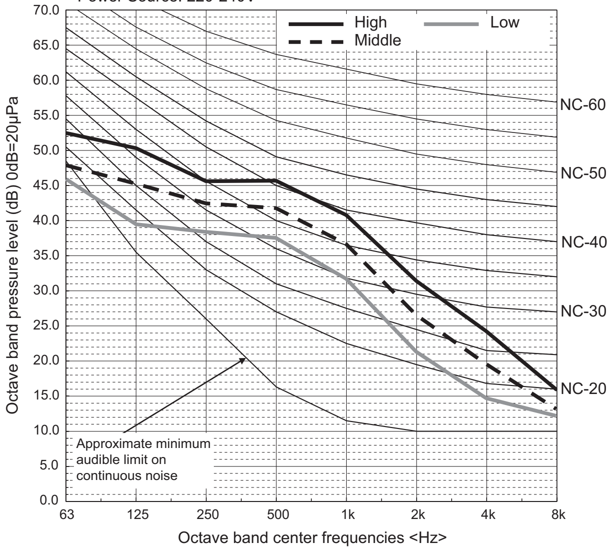
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEA-M200LA2

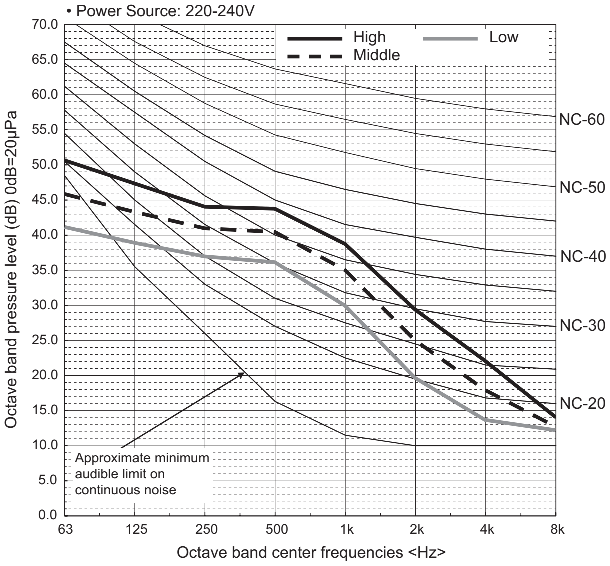
Normal airflow mode
• External Static Pressure: 75Pa
• Power Source: 220-240V



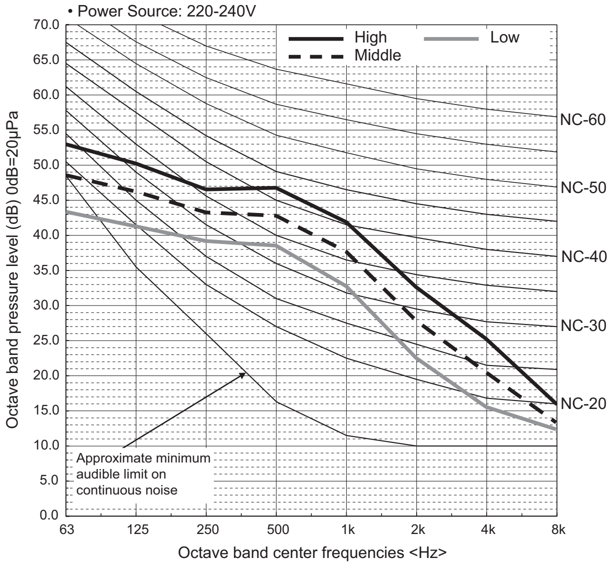
High airflow mode
• External Static Pressure: 75Pa
• Power Source: 220-240V



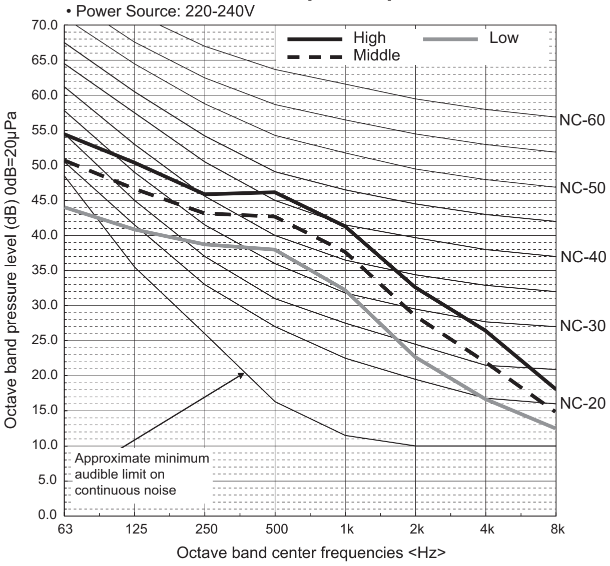
Normal airflow mode
• External Static Pressure: 100Pa
• Power Source: 220-240V



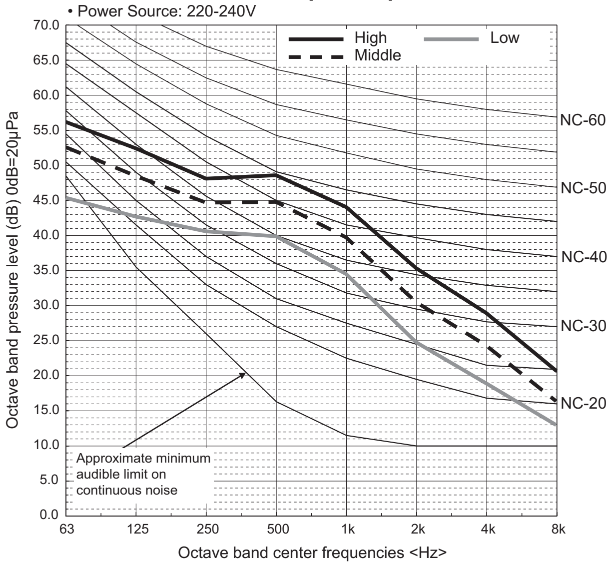
High airflow mode
• External Static Pressure: 100Pa
• Power Source: 220-240V



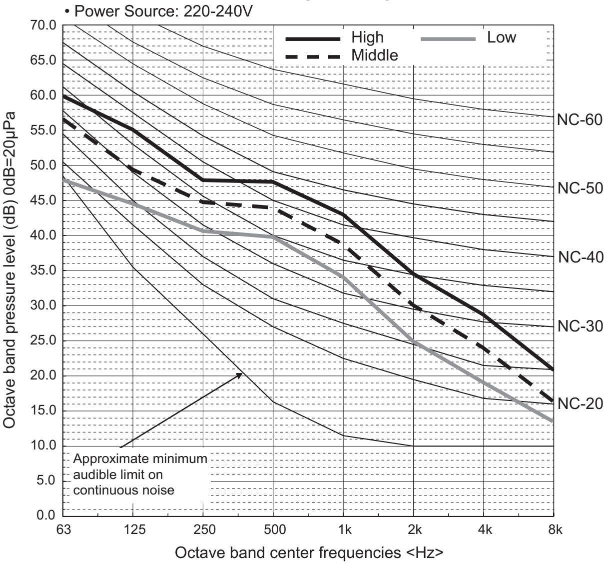
Normal airflow mode
• External Static Pressure: 150Pa [0.60in.WG]
• Power Source: 220-240V



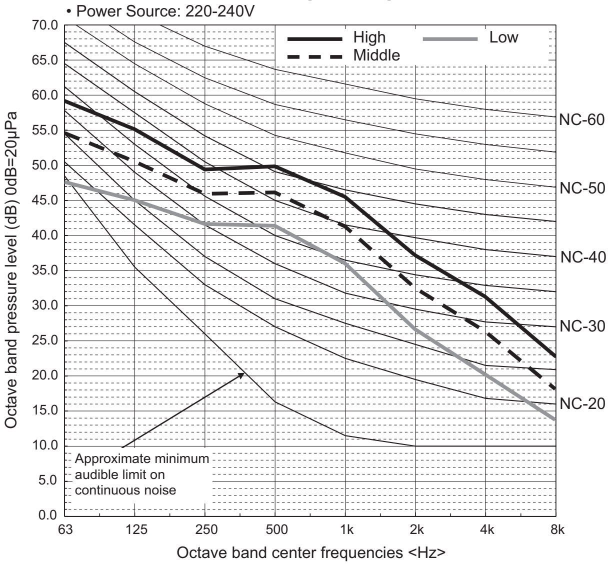
High airflow mode
• External Static Pressure: 150Pa [0.60in.WG]
• Power Source: 220-240V



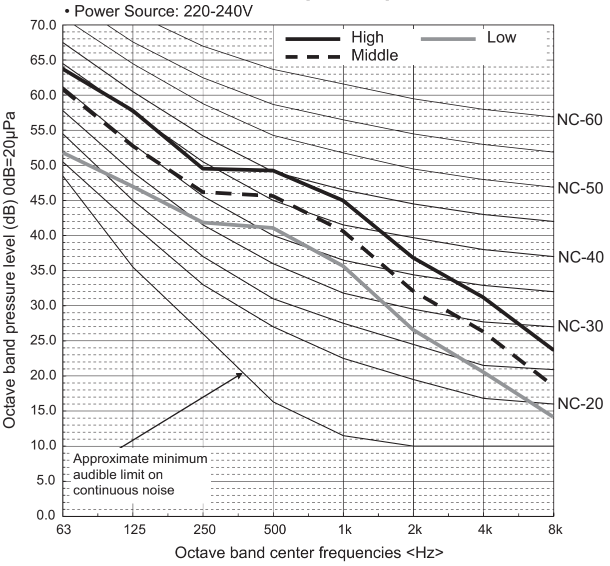
Normal airflow mode
• External Static Pressure: 200Pa [0.80in.WG]
• Power Source: 220-240V



High airflow mode
• External Static Pressure: 200Pa [0.80in.WG]
• Power Source: 220-240V

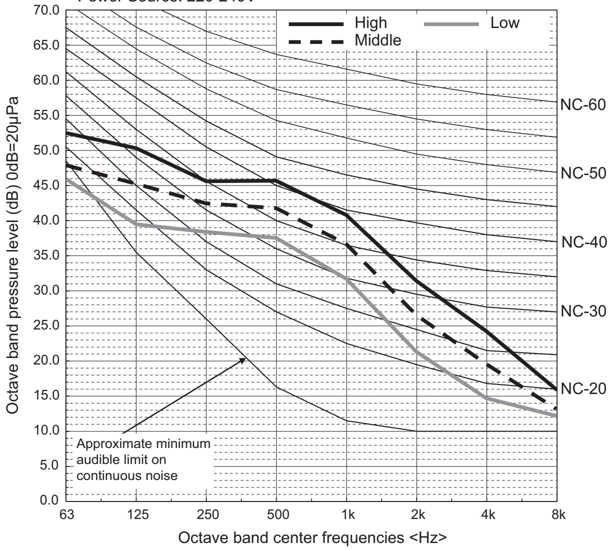


Normal airflow mode and High airflow mode
• External Static Pressure: 250Pa [1.00in.WG]
• Power Source: 220-240V

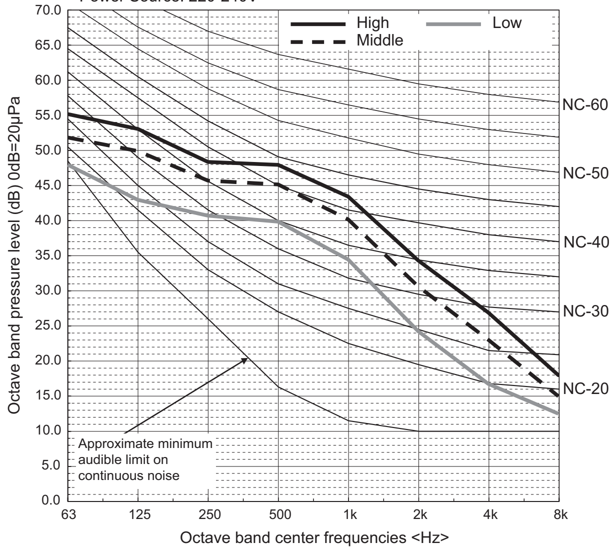


PEA-M250LA2

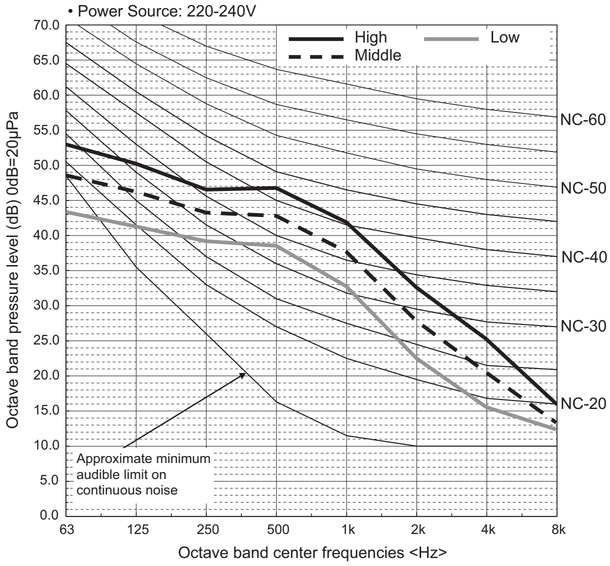
Normal airflow mode
• External Static Pressure: 75Pa
• Power Source: 220-240V



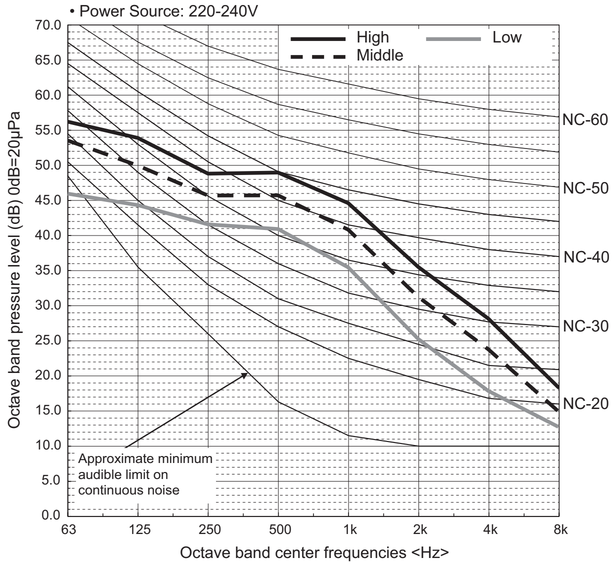
High airflow mode
• External Static Pressure: 75Pa
• Power Source: 220-240V



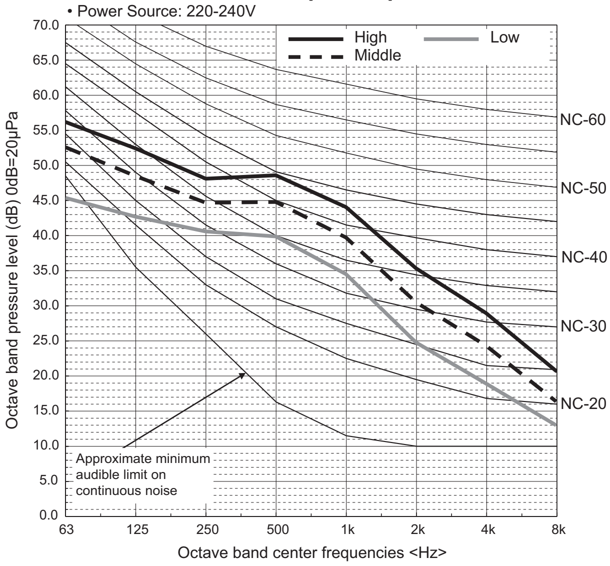
Normal airflow mode
• External Static Pressure: 100Pa
• Power Source: 220-240V



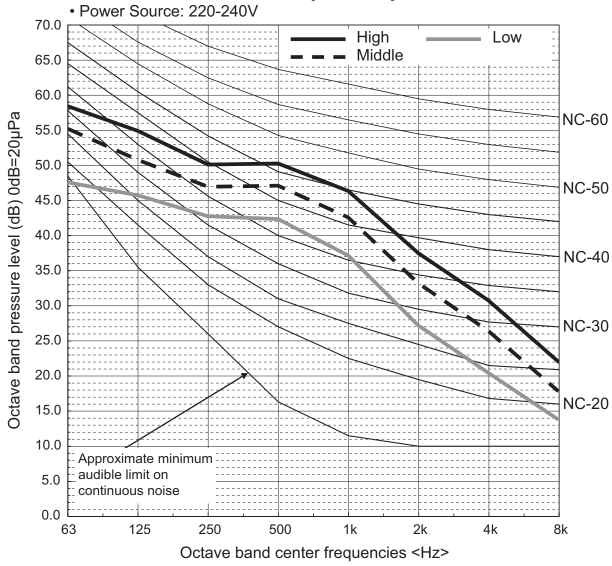
High airflow mode
• External Static Pressure: 100Pa
• Power Source: 220-240V



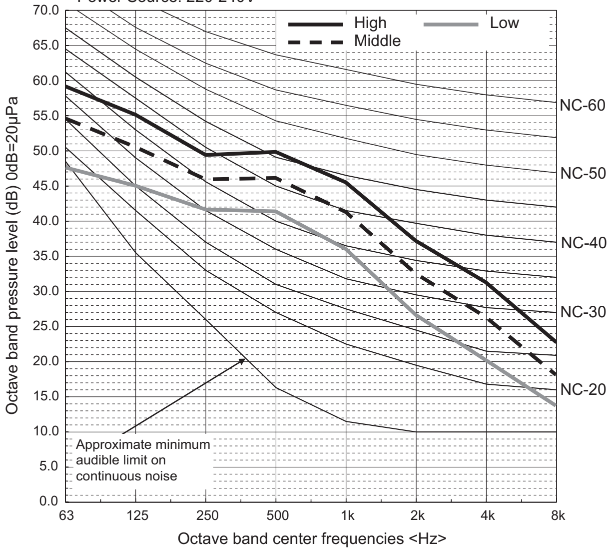
Normal airflow mode
• External Static Pressure: 150Pa [0.60in.WG]
• Power Source: 220-240V



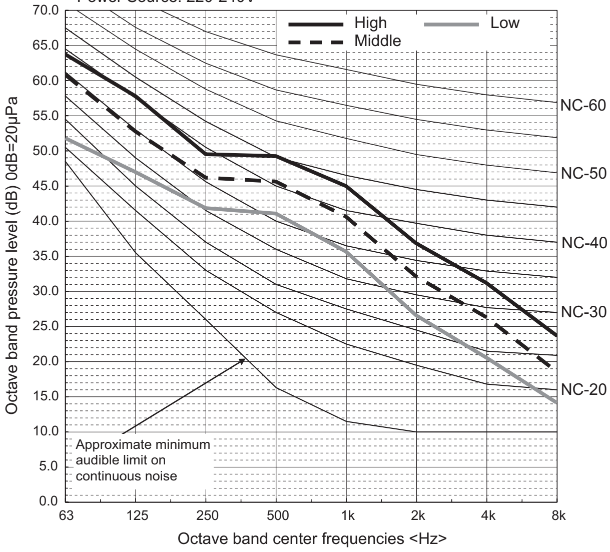
High airflow mode
• External Static Pressure: 150Pa [0.60in.WG]
• Power Source: 220-240V



Normal airflow mode and High airflow mode
• External Static Pressure: 200Pa [0.80in.WG]
• Power Source: 220-240V

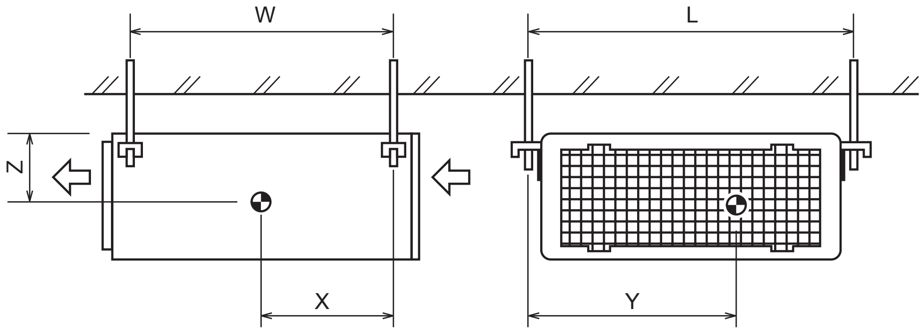


Normal airflow mode and High airflow mode
• External Static Pressure: 250Pa [1.00in.WG]
• Power Source: 220-240V



A.6.8 CENTER OF GRAVITY POSITION

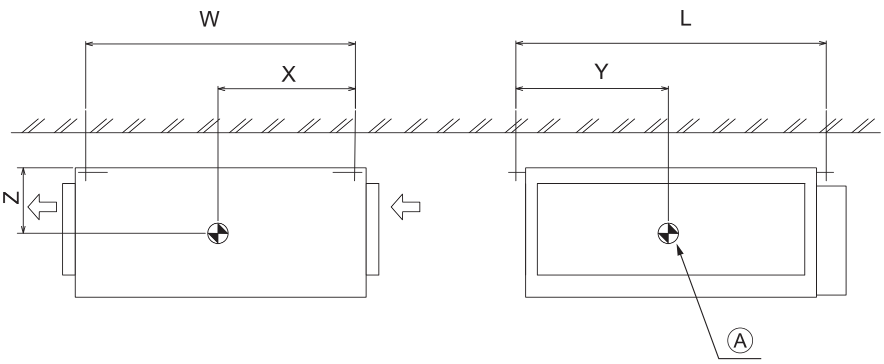
A.6.8.1 PEAD-M•JA(L)2 PEAD-SM•JA(L)(2)



(mm)

Model name	W	L	X	Y	Z
PEAD-M35JA(L)2 PEAD-SM35JA(L)	643	954	340	375	130
PEAD-M50JA(L)2 PEAD-SM50JA(L)	643	954	340	375	130
PEAD-M60JA(L)2 PEAD-SM60JA(L)	643	1154	325	525	130
PEAD-M71JA(L)2 PEAD-SM71JA(L)2	643	1154	325	525	130
PEAD-M100JA(L)2 PEAD-SM100JA(L)2	643	1454	330	675	130
PEAD-M125JA(L)2 PEAD-SM125JA(L)2	643	1454	330	675	130
PEAD-M140JA(L)2 PEAD-SM140JA(L)2	643	1654	332	725	130

A.6.8.2 PEA-M•LA2



Model name	W(mm)	L(mm)	X(mm)	Y(mm)	Z(mm)	Product Weight (kg)
PEA-M200/250LA2	1034	1326	479	701	250	88

A.7 REMOTE CONTROLLER AND TROUBLESHOOTING

A.7.1 WIRED REMOTE CONTROLLER [PAR-41MAA]
A.7.1.1 FUNCTIONS

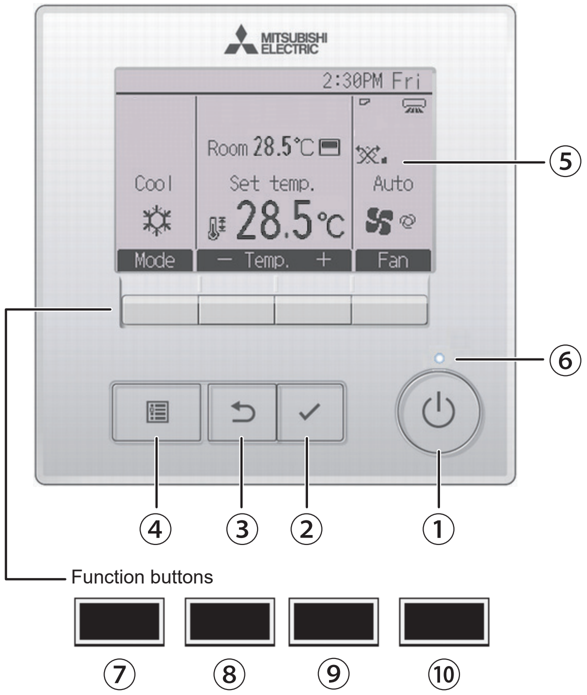
○ :Supported × :Unsupported

	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.

A.7.1.2 APPEARANCE

Controller interface



① ON/OFF button

Press to turn ON/OFF the indoor unit.

② SELECT button

Press to save the setting.

③ RETURN button

Press to return to the previous screen.

④ MENU button **Page 21**

Press to bring up the Main menu.

⑤ Backlit LCD

Operation settings will appear.
When the backlight is off, pressing any button turns the backlight on and it will stay lit for a certain period of time depending on the screen.

> When the backlight is off, pressing any button turns the backlight on and does not perform its function. (except for the ON/OFF button)

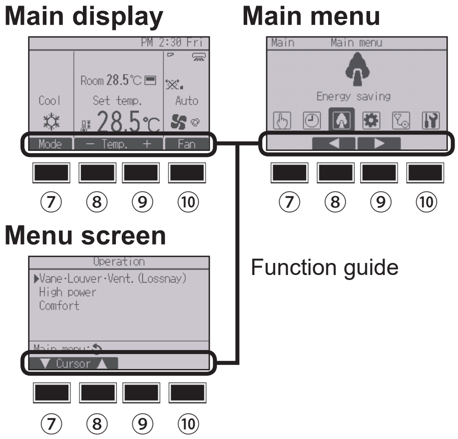
⑥ ON/OFF lamp

This lamp lights up in green while the unit is in operation. It blinks while the remote controller is starting up or when there is an error.

⑦ Function button F1

Main display: Press to change the operation mode.
Menu screen: The button function varies with the screen.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.
When the system is centrally controlled, the button function guide that corresponds to the locked button will not appear.



⑧ Function button F2

Main display: Press to decrease temperature.
Main menu: Press to move the cursor left.
Menu screen: The button function varies with the screen.

⑨ Function button F3

Main display: Press to increase temperature.
Main menu: Press to move the cursor right.
Menu screen: The button function varies with the screen.

⑩ Function button F4

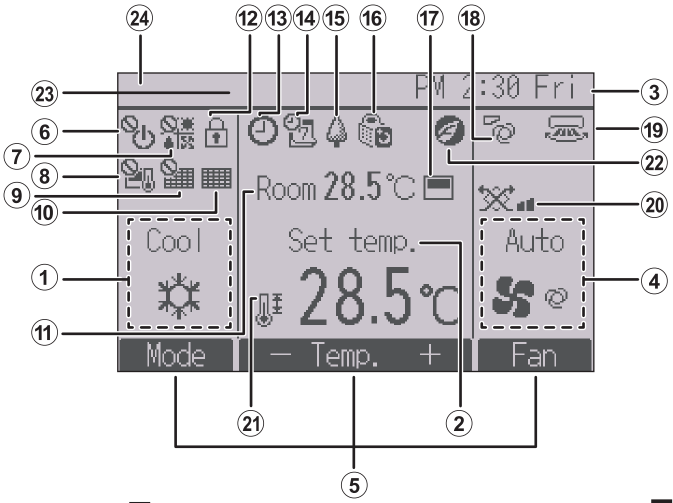
Main display: Press to change the fan speed.
Menu screen: The button function varies with the screen.

Display

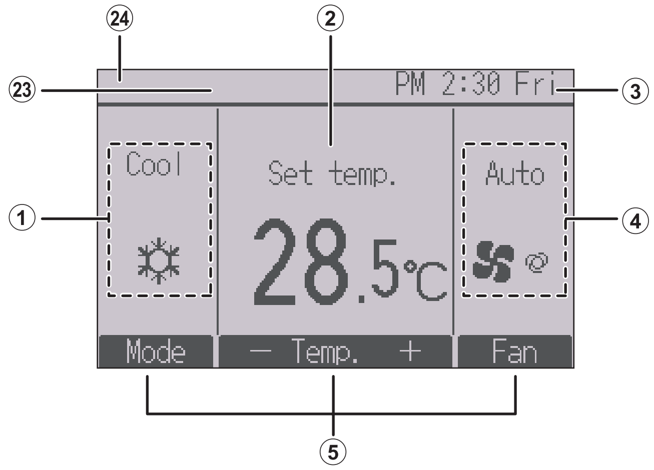
The main display can be displayed in two different modes: “Full” and “Basic.”
The factory setting is “Full.” To switch to the “Basic” mode, change the setting on the Main display setting.

■ Full mode

*** All icons are displayed for explanation.**



■ Basic mode



① Operation mode

② Preset temperature

③ Clock

See the Installation Manual.

④ Fan speed

⑤ Button function guide

Functions of the corresponding buttons appear here.

⑥

Appears when the ON/OFF operation is centrally controlled.

⑦

Appears when the operation mode is centrally controlled.

⑧

Appears when the preset temperature is centrally controlled.

⑨

Appears when the filter reset function is centrally controlled.

⑩

Indicates when filter needs maintenance.

⑪ Room temperature

See the Installation Manual.

⑫

Appears when the buttons are locked.

⑬

Appears when the On/Off timer , Night setback , or Auto-off timer function is enabled.

appears when the timer is disabled by the centralized control system.

⑭

Appears when the Weekly timer is enabled.

⑮

Appears while the units are operated in the energy save mode. (Will not appear on some models of indoor units)

⑯

Appears while the outdoor units are operated in the silent mode.

⑰

Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature (⑪).

appears when the thermistor on the indoor unit is activated to monitor the room temperature.

⑱

Indicates the vane setting.

⑲

Indicates the louver setting.

⑳

Indicates the ventilation setting.

㉑

Appears when the preset temperature range is restricted.

㉒

Appears when an energy-saving operation is performed using a “3D i-See sensor” function.

㉓ Centrally controlled

Appears for a certain period of time when a centrally-controlled item is operated.

㉔ Error display

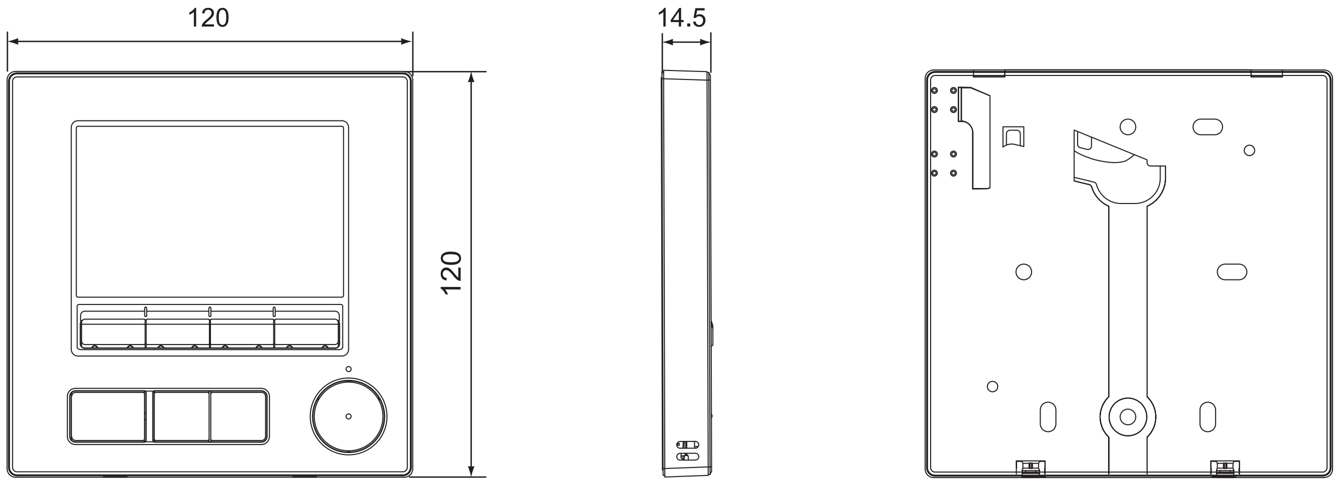
An error code appears during the error.
* When an error code is displayed on the main display, an error is occurring but the indoor unit can keep its operation. Check the error code, and consult your dealer.

Most settings (except ON/OFF, mode, fan speed, temperature) can be made from the Main menu.

A.7.1.3 OUTLINES AND DIMENSIONS

[PAR-41MAA]

unit : mm



(Front view) (Side view) (Rear view)

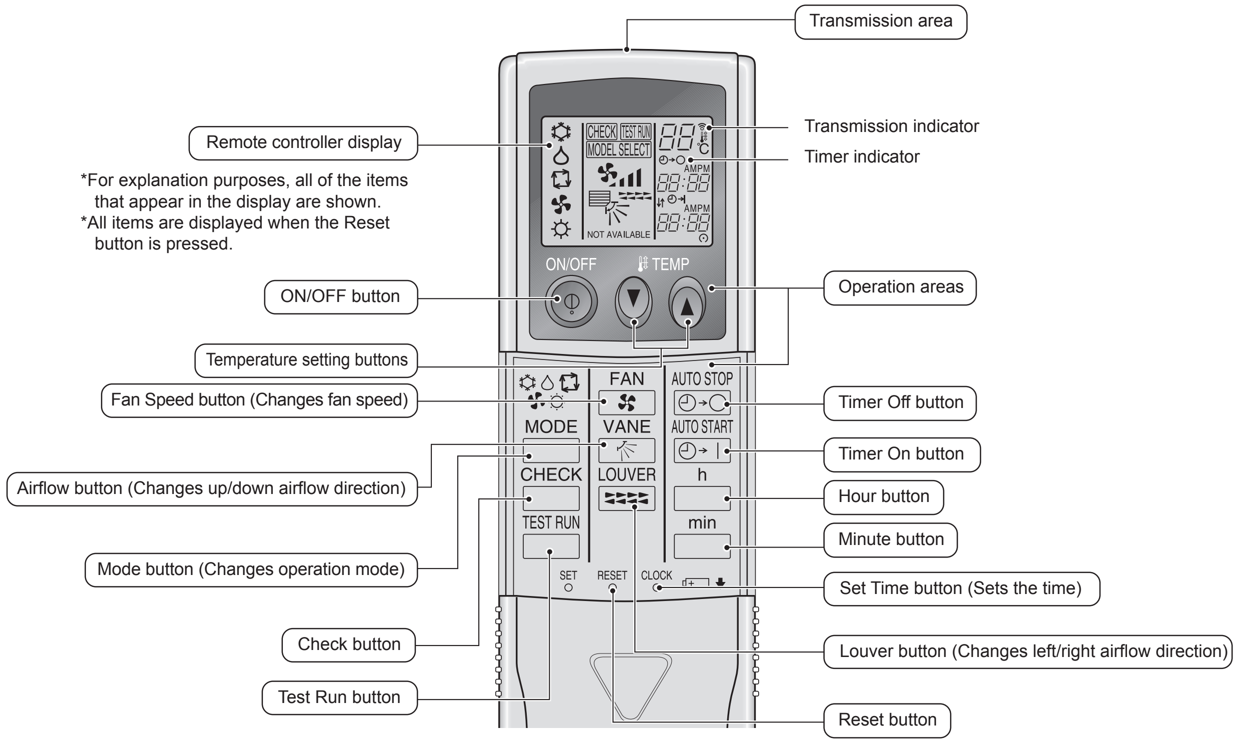
<Specifications>

Product size	120(W) × 120(H) × 14.5(D)mm (4 23/32 × 4 23/32 × 9/16 [in] (not including the protruding part)	
Net weight	0.25kg (35/64lbs)	
Rated power supply voltage	12V DC (supplied from indoor units)	
Power consumption	0.3W	
Usage environment	Temperature	0 - 40°C (32 - 104°F)
	Humidity	25 - 90%RH (with no dew condensation)
Material	Panel	PMMA
	Main body	ABS
Sound Pressure Level	The A-weighted sound pressure level is below 70dB	

A.7.2 WIRELESS REMOTE CONTROLLER

A.7.2.1 [PAR-SL97A-E] APPEARANCE

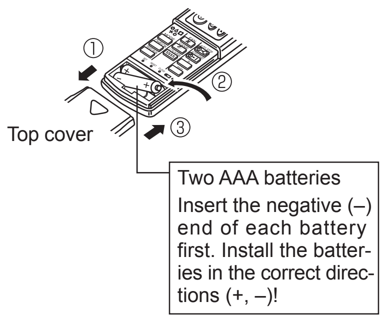
When cover is open



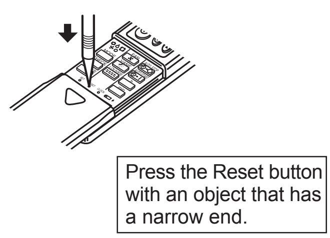
■ When using the wireless remote controller, point it towards the receiver on the indoor unit.
■ If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
■ The 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.

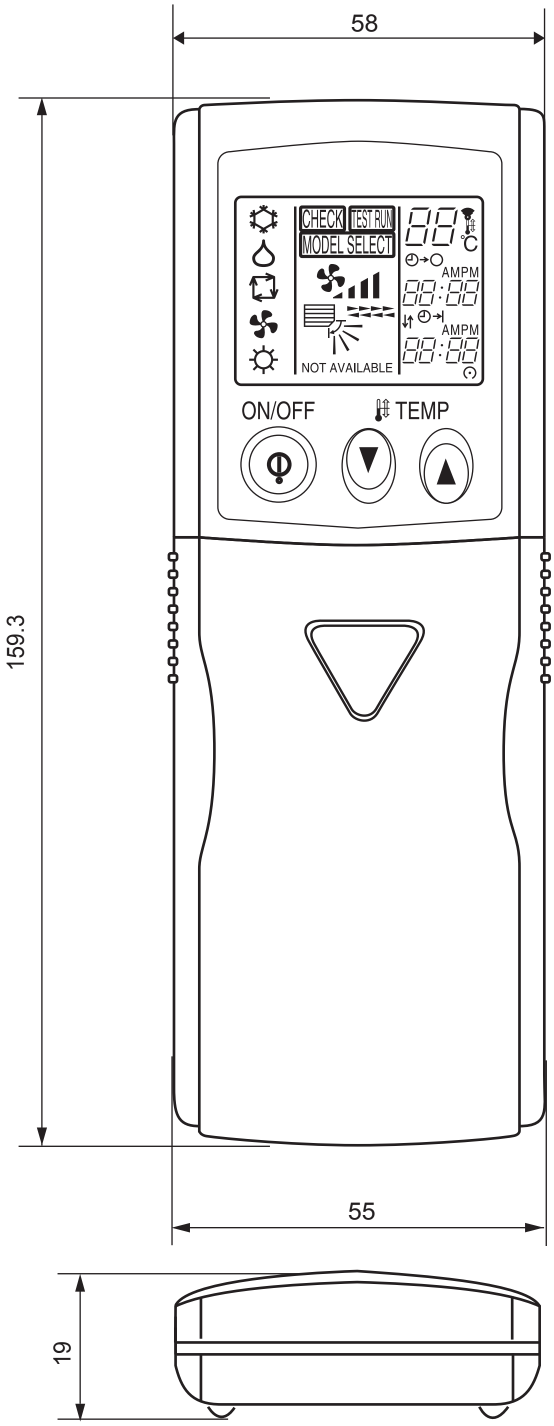


2.Press the Reset button.



OUTLINES AND DIMENSIONS

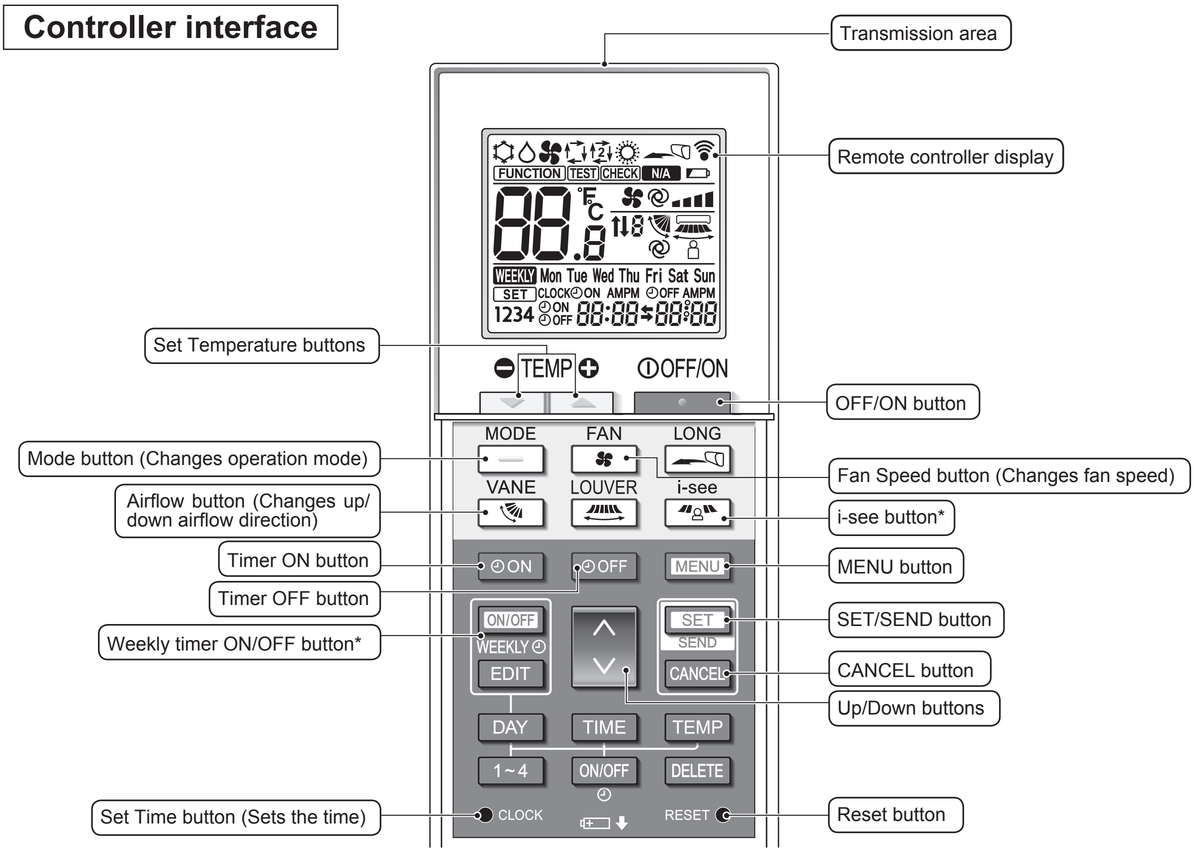
unit : mm



A.7.2.2 [PAR-SL101A-E] APPEARANCE

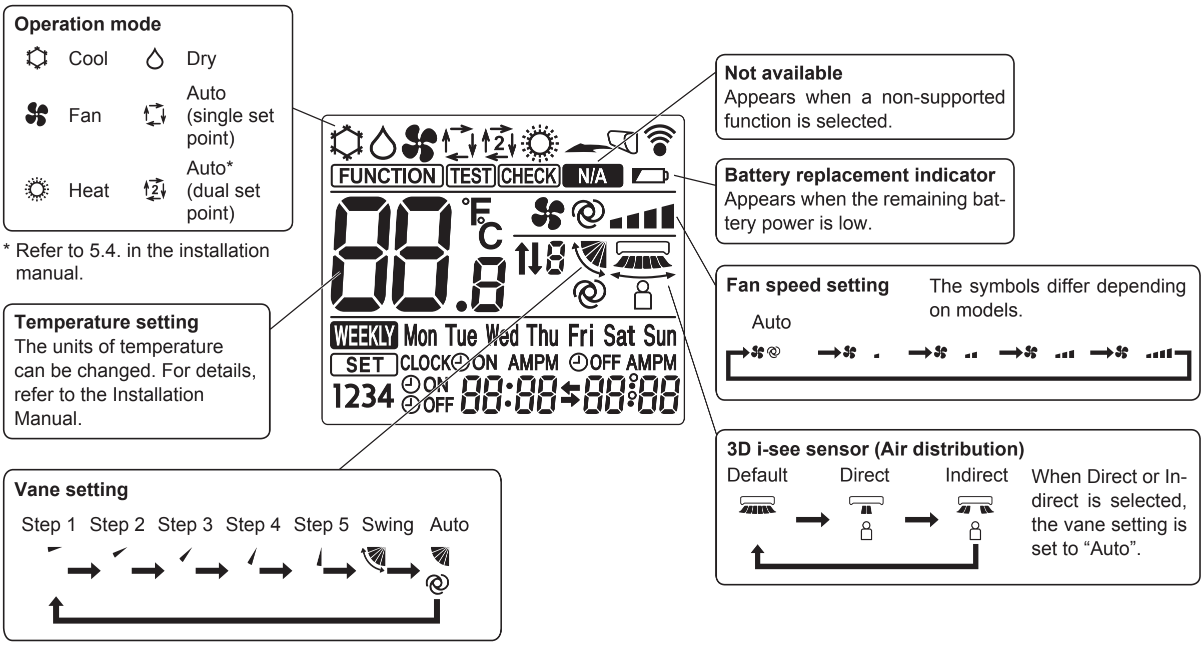
When cover is open

Controller interface



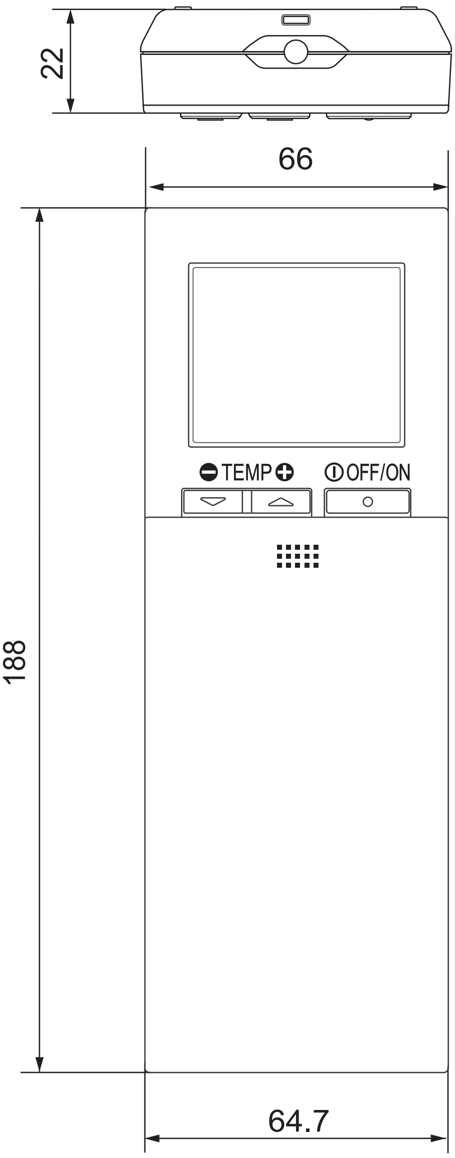
Note:
*** This button is enabled or disabled depending on the model of the indoor unit.**

Display



OUTLINES AND DIMENSIONS

unit : mm



A.7.3 SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]

A.7.3.1 FUNCTION

1. Operations/Display

V:Each group

Item	Setting	Display	Description
ON/OFF	✓	✓	Changes between ON and OFF.
Operation mode switching *1	✓	✓	Select from COOL, DRYING, FAN, AUTO, and HEAT.
Room temp. Setting *1	✓	✓	Sets a room temperature. * The preset temperature range varies depending on the indoor unit model to be connected. (The ranges for a standard model are as follows.) • COOL/DRY: 19°C - 30°C/67°F - 87°F • HEAT: 17°C - 28°C/63°F - 83°F • AUTO: 19°C - 28°C/67°F - 83°F
Fan speed setting	✓	✓	Changes the fan speed. * The settable fan speed varies depending on the indoor unit model to be connected.
Vane setting	✓	✓	Switches the vane directions. * The settable vane direction varies depending on the indoor unit model to be connected.
Ventilation equipment control	✓	✓	When the CITY MULTI indoor unit is connected, interlocked setting of the CITY MULTI LOSSNAY unit is possible. When the Mr. SLIM indoor unit (A-control) is connected, interlocked operation of the microcomputer-type LOSSNAY unit is possible.
Backlight	✓	✓	Pressing the button lights up a backlight. The light automatically turns off after a certain period of time. (The brightness settings can be selected from Bright, Dark, and Light off.)
Error information	—	✓	Displays the current error status with the address. * The address may not be displayed depending on the error status.

*1 AUTO mode is settable only when those functions are available on the indoor unit.

2. Restriction settings

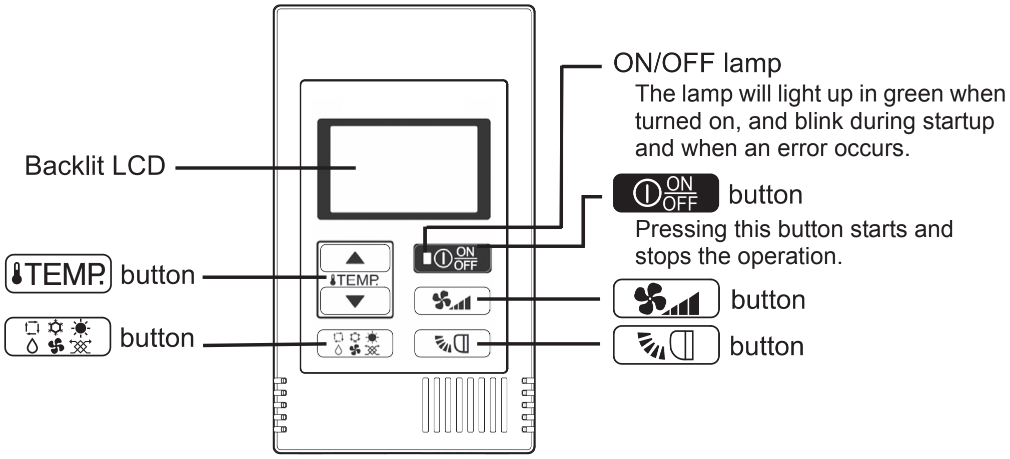
V:Each group

Item	Setting	Display	Description
Allows/disallows local operation	—	✓	By setting a centralized controller, the following local operations are prohibited: ON/OFF; operation mode; preset temperature; * The CENTRAL icon appears while the local operations are prohibited.
Operation lock	✓	✓	Locks all buttons.
Temperature range restriction	✓	✓	The preset temperature range can be restricted for each operation mode (COOL/HEAT/AUTO).

3. Miscellaneous

Item	Description
Room temperature detection	The temperature sensor is built-in on the remote controller.
Various settings	The following settings can be made by setting the dip switches. • Remote controller Main/Sub setting • Temperature display unit setting (Celsius/Fahrenheit) • Cooling/heating display in AUTO mode • Indoor temperature display

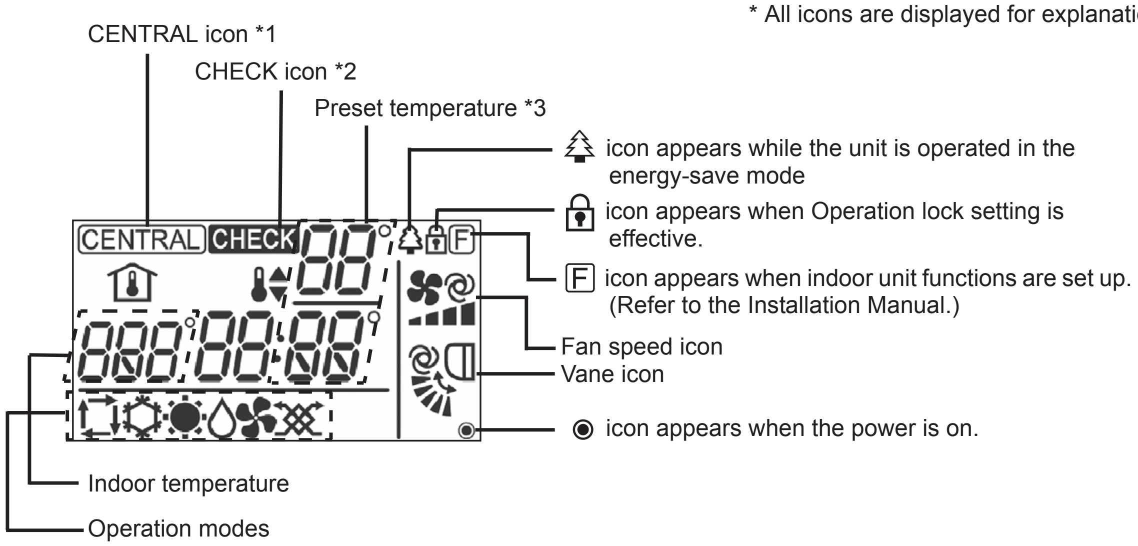
A.7.3.2 APPEARANCE
Controller interface



* To set the functions that are not available on this controller (PAC-YT52CRA) such as Louver, use MA remote controller or the centralized controller.

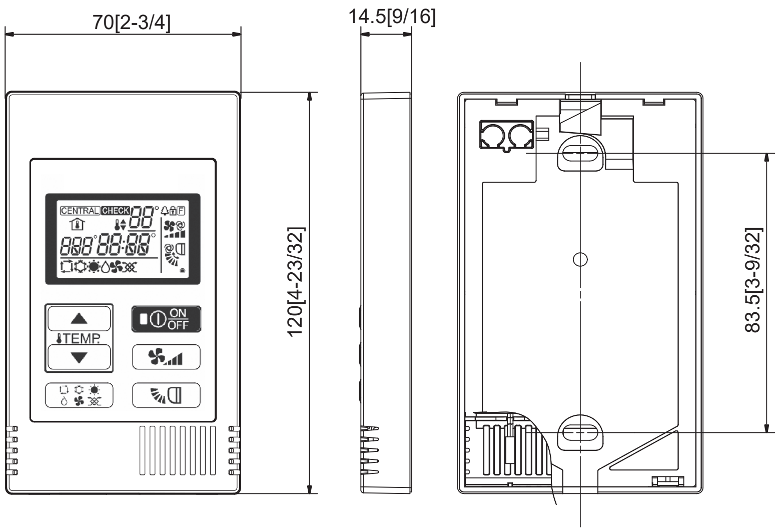
Display

* All icons are displayed for explanation.



A.7.3.3 OUTLINES AND DIMENSIONS
[PAC-YT52CRA]

Unit:mm[in.]



Controller specifications

	Specifications
Product size	70 (W) × 120 (H) × 14.5 (D) mm (2-3/4 × 4-23/32 × 9/16 [in]) (not including the protruding part)
Net weight	0.1 kg (1/4 lb.)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.3 W
Usage environment	Temperature 0 ~ 40ºC (32 ~ 104ºF) Humidity 30 ~ 90%RH (with no dew condensation)
Material	PC + ABS

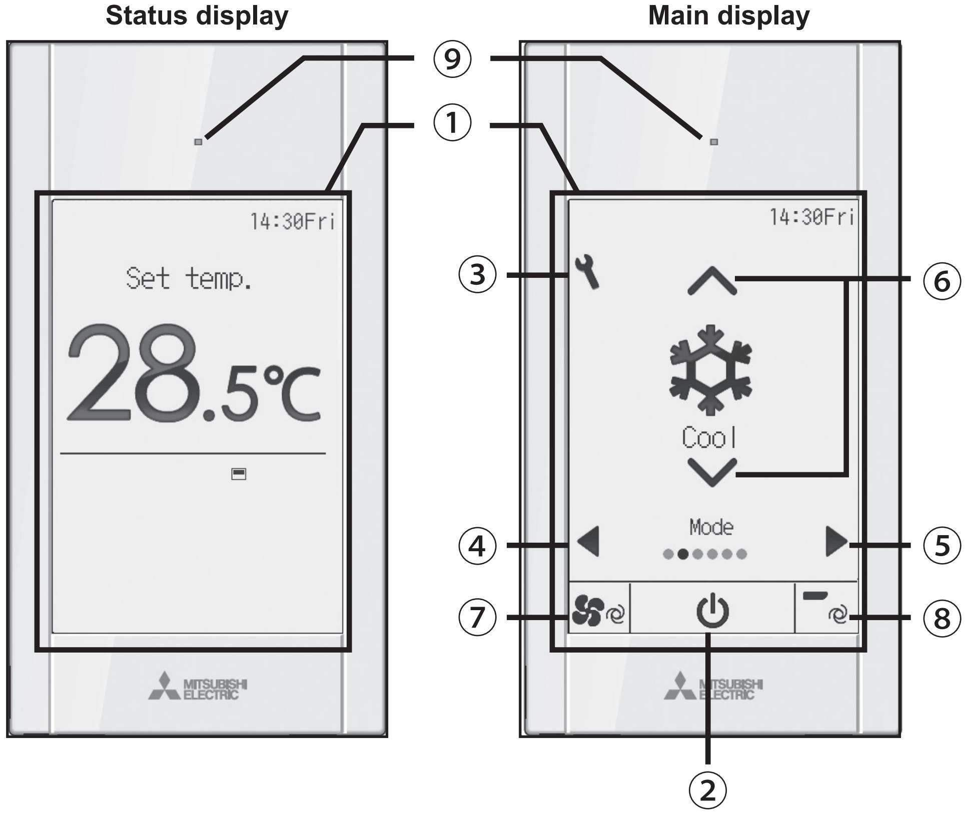
A.7.4 MA TOUCH REMOTE CONTROLLER [PAR-CT01MAA-PB/SB]
A.7.4.1 FUNCTION

○ : Supported × : Unsupported

	Function	CITY MULTI	Mr. SLIM	Required password
Power	Power ON/OFF	○	○	-
Settings	Operation mode	○	○	-
	Auto (dual set point) mode	○	○	-
	Preset temperature	○	○	-
	Fan speed	○	○	-
	Vane	○	○	-
	Louver	○	○	-
	Ventilation	○	○	-
Operation menu	High power	×	○	-
	Manual vane angle	○	○	-
	3D i-See sensor	○	○	-
Timer menu	Timer (On/Off timer)	○	○	administrator
	Timer (Auto-Off timer)	○	○	administrator
	Weekly timer	○	○	administrator
	OU silent mode	○	○	administrator
	Night setback	○	○	administrator
Energy saving menu	Temperature range restriction	○	○	administrator
	Operation lock function	○	○	administrator
	Auto return	○	○	administrator
	Schedule	×	○	administrator
Initial setting menu	Clock	○	○	administrator
	Clock display format setting	○	○	administrator
	Daylight saving time	○	○	administrator
	Main display	○	○	administrator
	Icon explanation	○	○	administrator
	Brightness	○	○	administrator
	Language selection	○	○	administrator
	Design	○	○	administrator
	Touch panel calibration	○	○	administrator
	Touch panel cleaning	○	○	administrator
	Password (Administrator)	○	○	administrator
Service menu	Initialize remote controller	○	○	maintenance
	Remote controller information	○	○	maintenance
	Test run	○	○	maintenance
	Model information input	○	○	maintenance
	Dealer information input	○	○	maintenance
	Function setting	○	○	maintenance
	Smooth maintenance	×	○	maintenance
	Password (Maintenance)	○	○	maintenance
Maintenance menu	Auto descending panel	○	○	-
	Error information	○	○	-
	Filter information	○	○	-

* The supported functions vary depending on the unit model.

A.7.4.2 APPEARANCE
1.Controller interface-Status display / Main display



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 ◀ button

Press to switch the setting items in the following order: louver, ventilation, vane, fan speed, operation mode, and preset temperature.

⑤ ▶ button

Press to switch the setting items in the following order: preset temperature, operation mode, fan speed, vane, ventilation, and louver.

⑥ ▲ ▼ button

Press to change the contents of the setting selected in ④ and ⑤ above.

⑦ Fan speed shortcut button

Press to directly access the fan speed settings screen.

⑧ Vane shortcut button

Press to directly access the vane settings screen.

⑨ ON/OFF lamp

This lamp lights up in green while the unit is in operation unless “LED lighting” is set to “No”. It blinks while the remote controller is starting up or when there is an error.

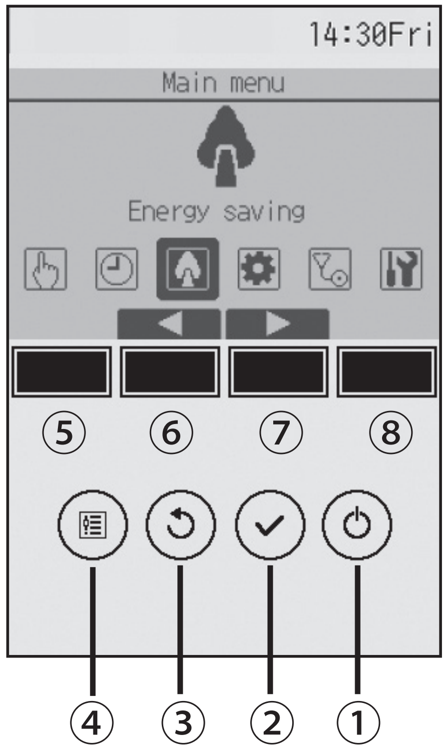
> When the ON/OFF operation is locked, ② will not be displayed.

> When the setting item is switched with the ④ or ⑤ button, if the operation of the selected setting item is locked, the item will not be displayed.

> If the operation of the fan speed or vane is locked, the item ⑦ or ⑧ will not be displayed.

> The setting contents cannot be changed with the ⑥ button when the setting item is centrally controlled by the system controller.

2.Controller interface-Main screen



① ON/OFF button

Press to turn ON/OFF the indoor unit.

② SELECT button

Press to save the setting.

③ RETURN button

Press to return to the previous screen. When the Main menu is displayed, pressing this button will display the Status display.

④ MENU button

Press to bring up the Main menu.

⑤ Function button F1

Menu screen: The button function varies with the screen.

⑥ Function button F2

Main menu: Press to move the cursor left.
Menu screen: The button function varies with the screen.

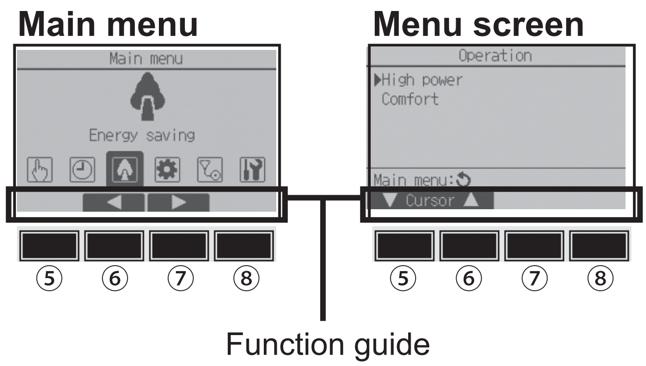
⑦ Function button F3

Main menu: Press to move the cursor right.
Menu screen: The button function varies with the screen.

⑧ Function button F4

Menu screen: The button function varies with the screen.

The functions of the function buttons change depending on the screen.
Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.



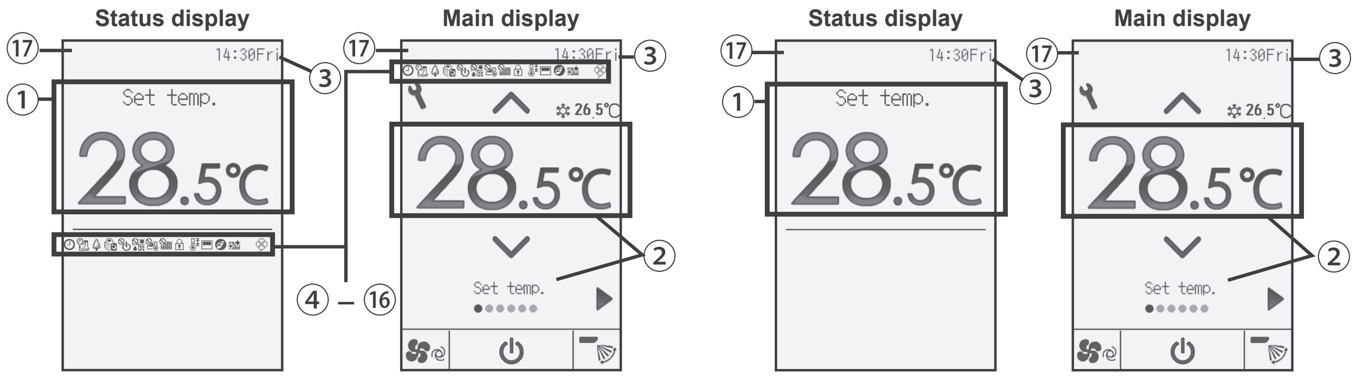
3.Display-Status display / Main display

The Status display and Main display can be displayed in two different modes: "Full" and "Basic."

Full mode

* All icons are displayed for explanation.

Basic mode



① Preset temperature or room temperature

Preset temperature or room temperature appears here.
(See the Installation Manual.)

② Setting item and setting contents

The setting items "Preset temperature" ↔ "Operation mode" ↔ "Fan speed" ↔ "Vane" ↔ "Ventilation" ↔ "Louver," and their setting contents appear here.
"Centrally controlled" appears for a certain period of time when a centrally-controlled item is operated.

③ Clock

Current time appears here.
(See the Installation Manual.)

④

Appears when the On/Off timer, Night set-back , or Auto-off timer function is enabled.

appears when the timer is disabled by the centralized control system.

⑤

Appears when the Weekly timer is enabled.

⑥

Appears while the units are operated in the energy-save mode. (Will not appear on some models of indoor units)

⑦

Appears while the outdoor units are operated in the silent mode.

⑧

Appears when the ON/OFF operation is centrally controlled.

⑨

Appears when the operation mode is centrally controlled.

⑩

Appears when the preset temperature is centrally controlled.

⑪

Appears when the filter reset function is centrally controlled.

⑫

Appears when the buttons are locked.

⑬

Appears when the preset temperature range is restricted.

⑭

Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature.

appears when the thermistor on the indoor unit is activated to monitor the room temperature.

⑮

Appears when an energy-saving operation is performed using a "3D i-See sensor" function.

⑯

Indicates when filter needs maintenance.

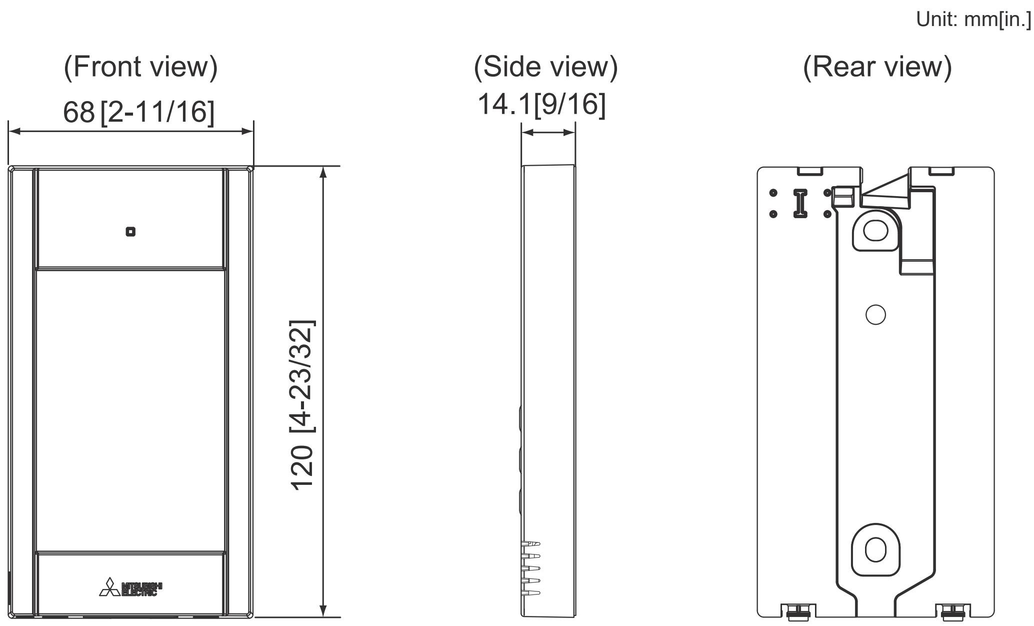
⑰ Preliminary error display

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): 0.25 kg (35/64 lbs)
	Premium (PAR-CT01MAA(R)-PB): 0.30 kg (21/32 lbs)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.6 W
Usage environment	Temperature 0 ~ 40ºC (32 ~ 104ºF) 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

A.7.4.4 OUTLINES AND DIMENSIONS



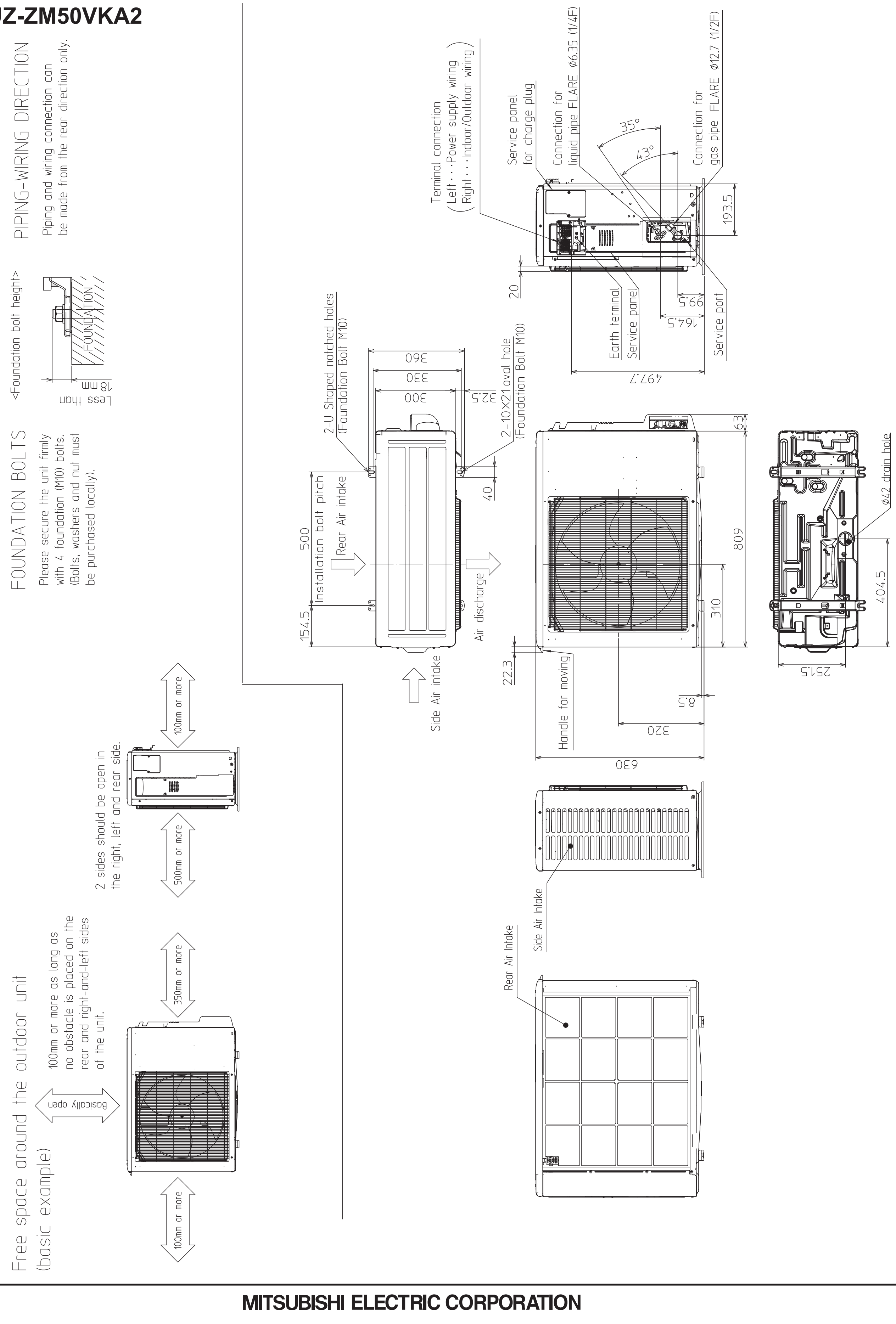
A.8 OUTDOOR UNIT

A.8.1 OUTLINES AND DIMENSIONS

1. PUZ-ZM•HA2 PUZ-ZM•KA2

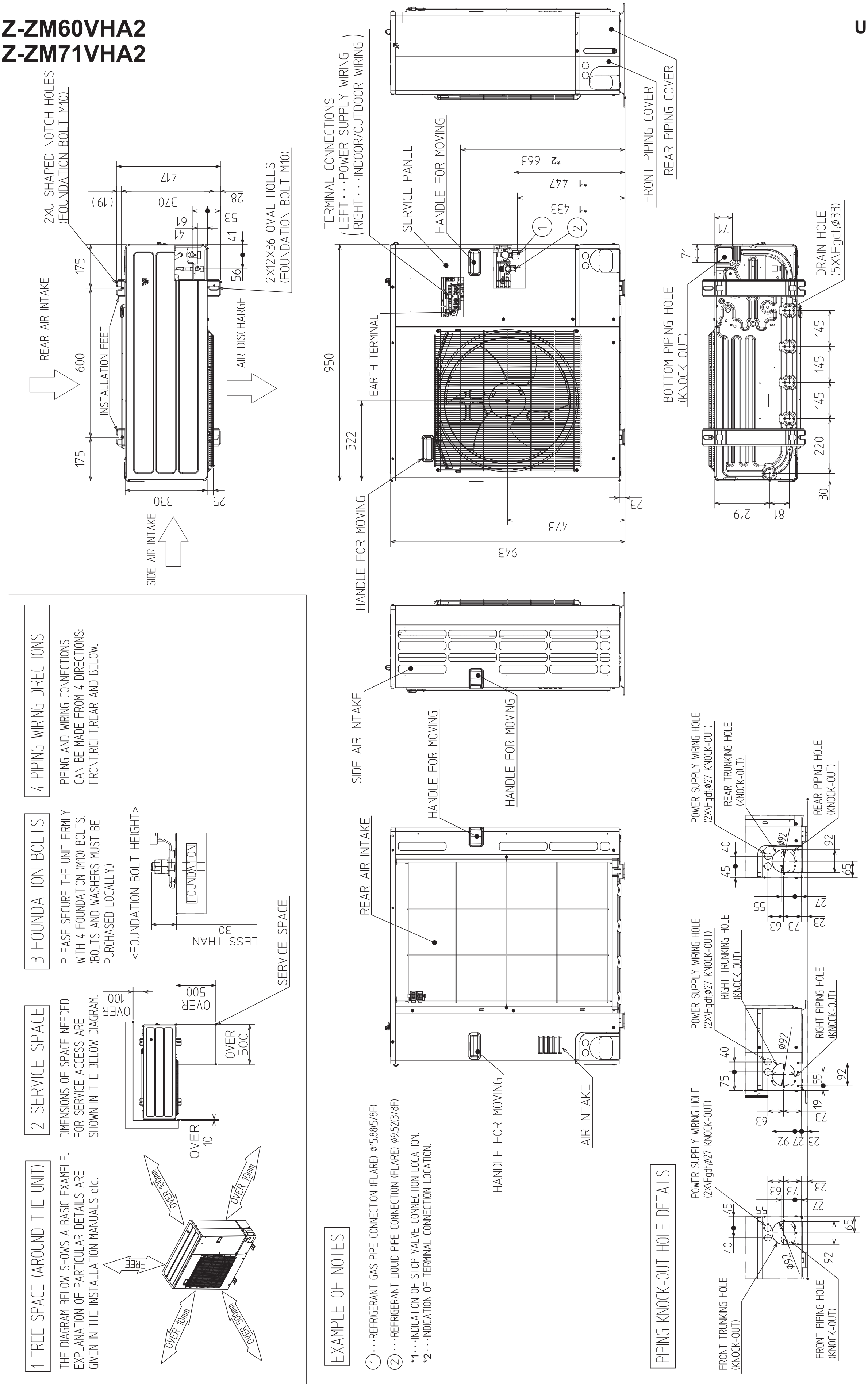
Unit : mm

PUZ-ZM35VKA2
PUZ-ZM50VKA2



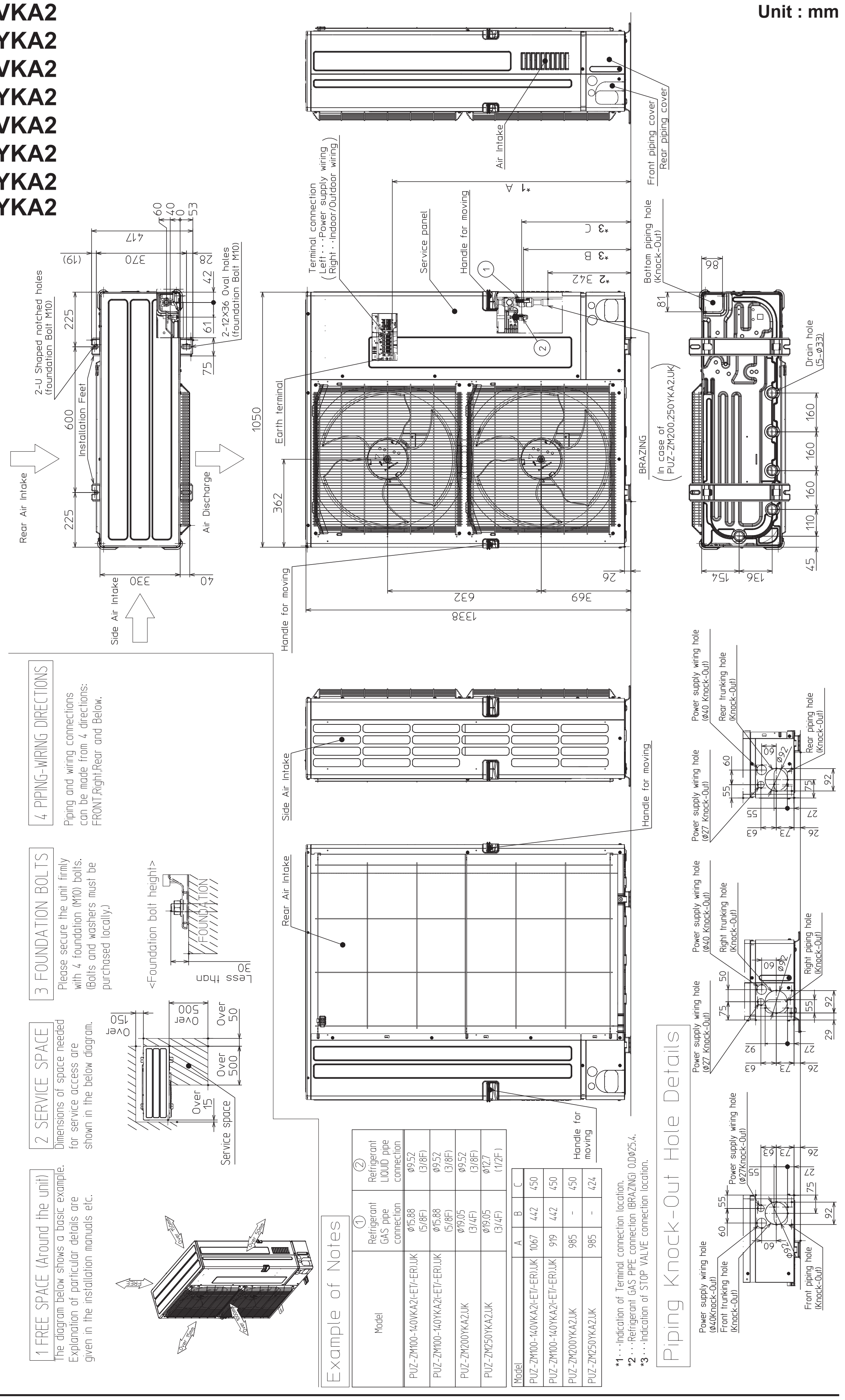
PUZ-ZM60VHA2
PUZ-ZM71VHA2

Unit : mm



PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2
PUZ-ZM200YKA2
PUZ-ZM250YKA2

Unit : mm

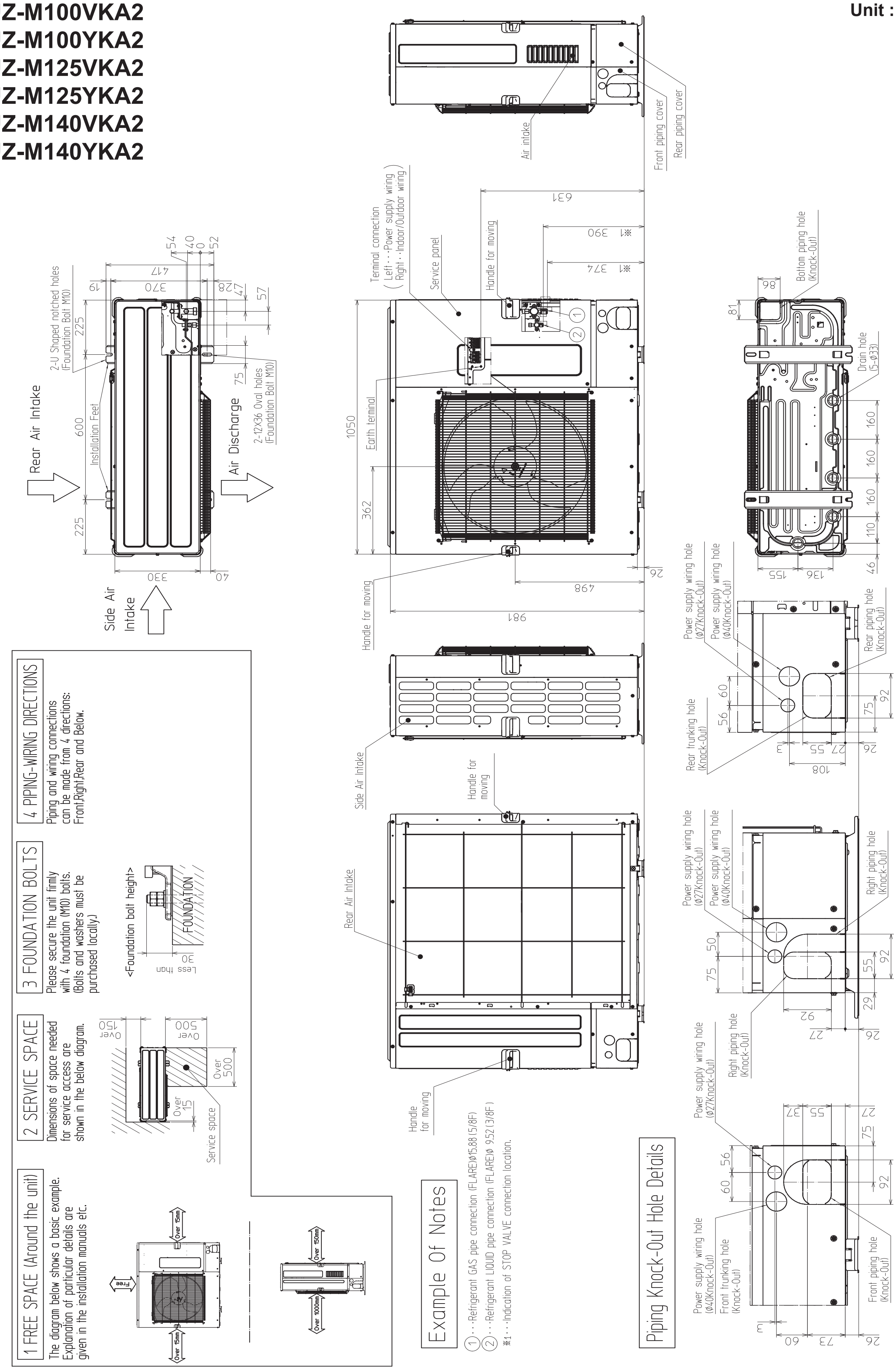


MITSUBISHI ELECTRIC CORPORATION

2. PUZ-M•KA2

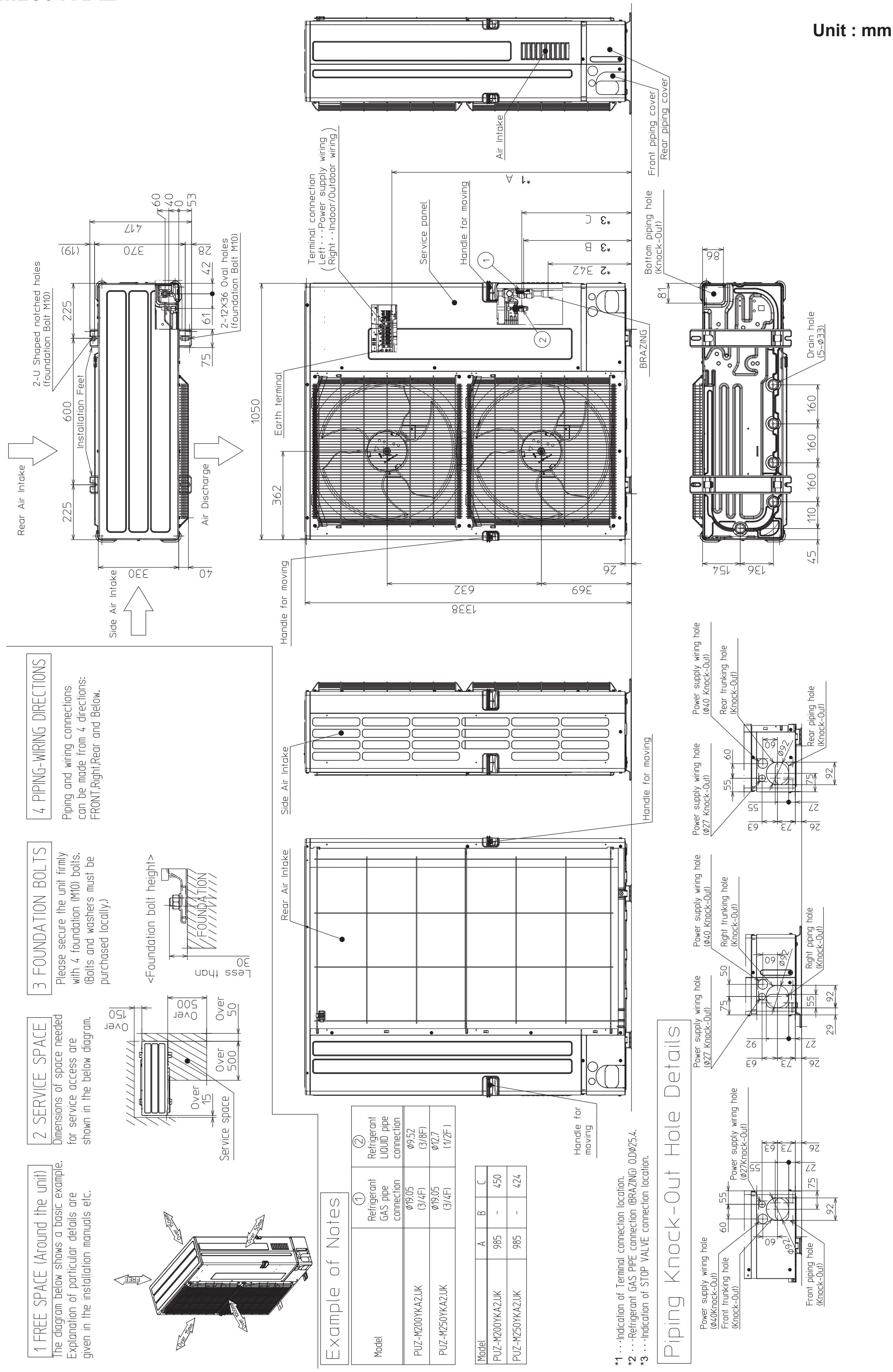
PUZ-M100VKA2
PUZ-M100YKA2
PUZ-M125VKA2
PUZ-M125YKA2
PUZ-M140VKA2
PUZ-M140YKA2

Unit : mm



PUZ-M200YKA2
PUZ-M250YKA2

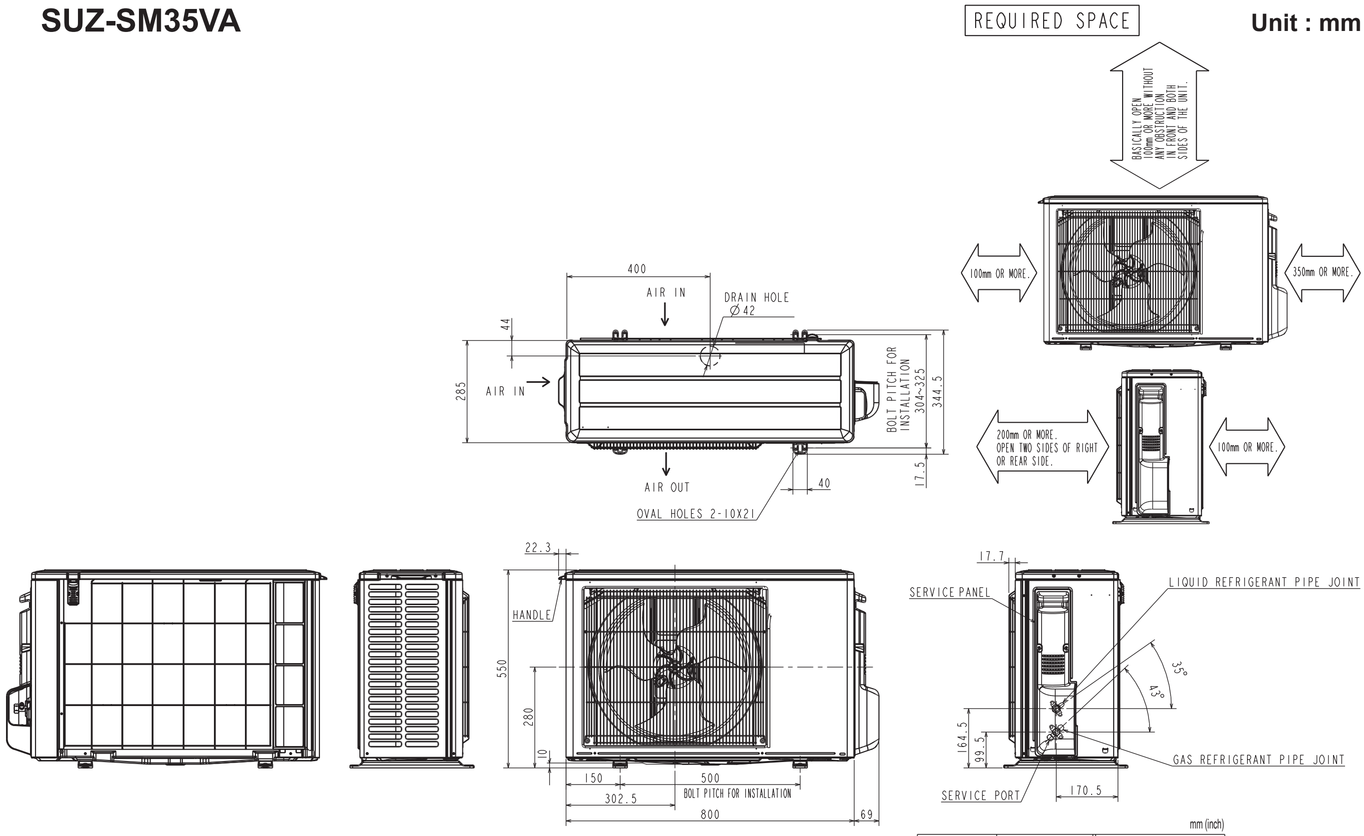
Unit : mm



3. SUZ-SM•VA

SUZ-SM35VA

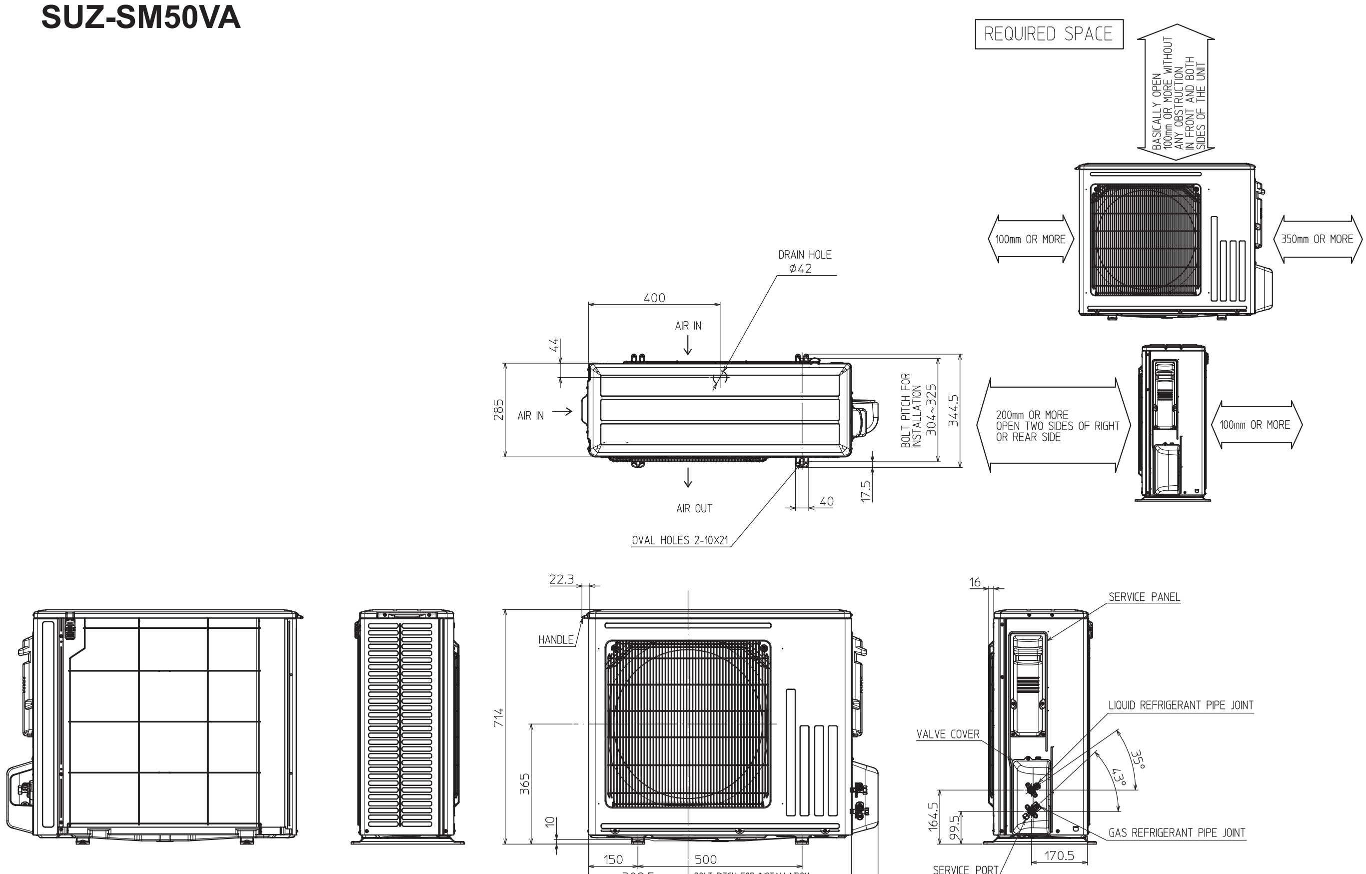
Unit : mm



mm (inch)

REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE	FLARED 6.35(1/4")
	GAS REFRIGERANT PIPE	FLARED 9.52(3/8")

SUZ-SM50VA



mm (inch)

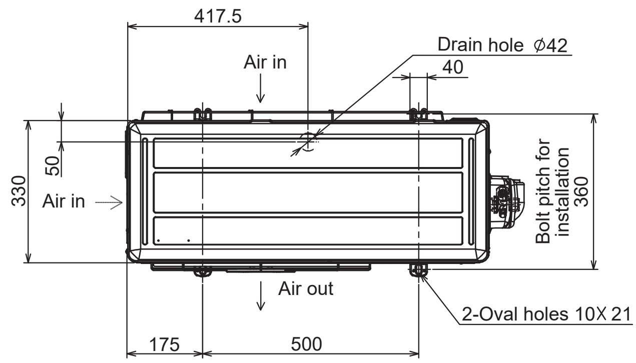
REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE	FLARED 6.35(1/4")
	GAS REFRIGERANT PIPE	FLARED 12.7(1/2")

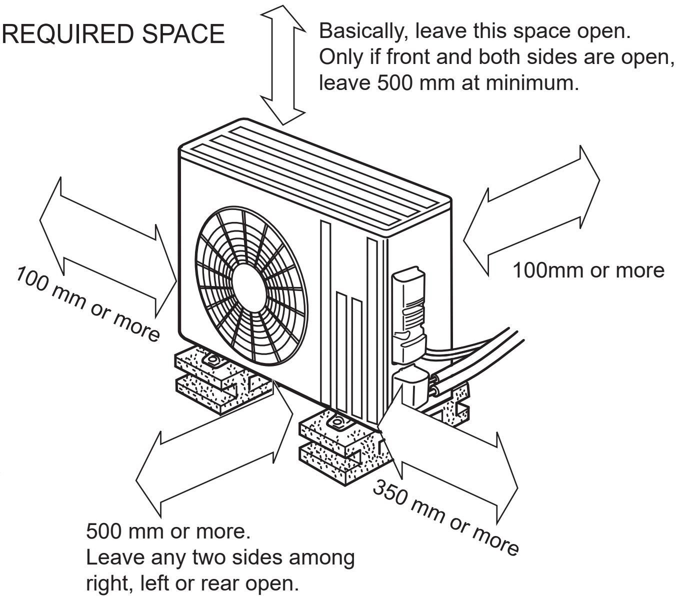
OUTDOOR UNIT

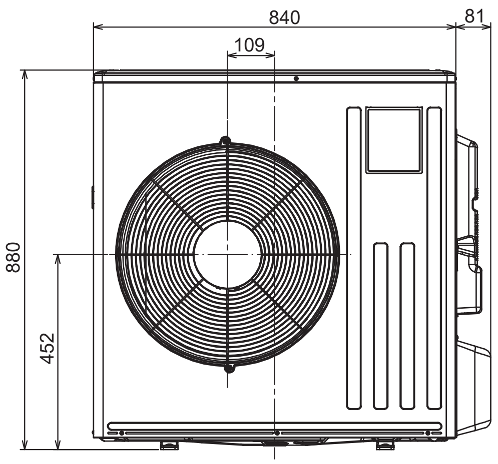
OUTLINES AND DIMENSIONS

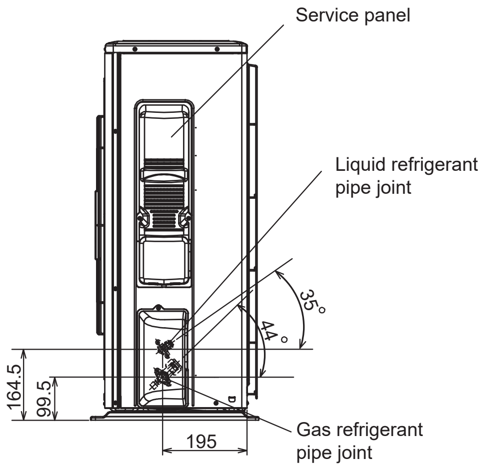
SUZ-SM60VA
SUZ-SM71VA

Unit : mm









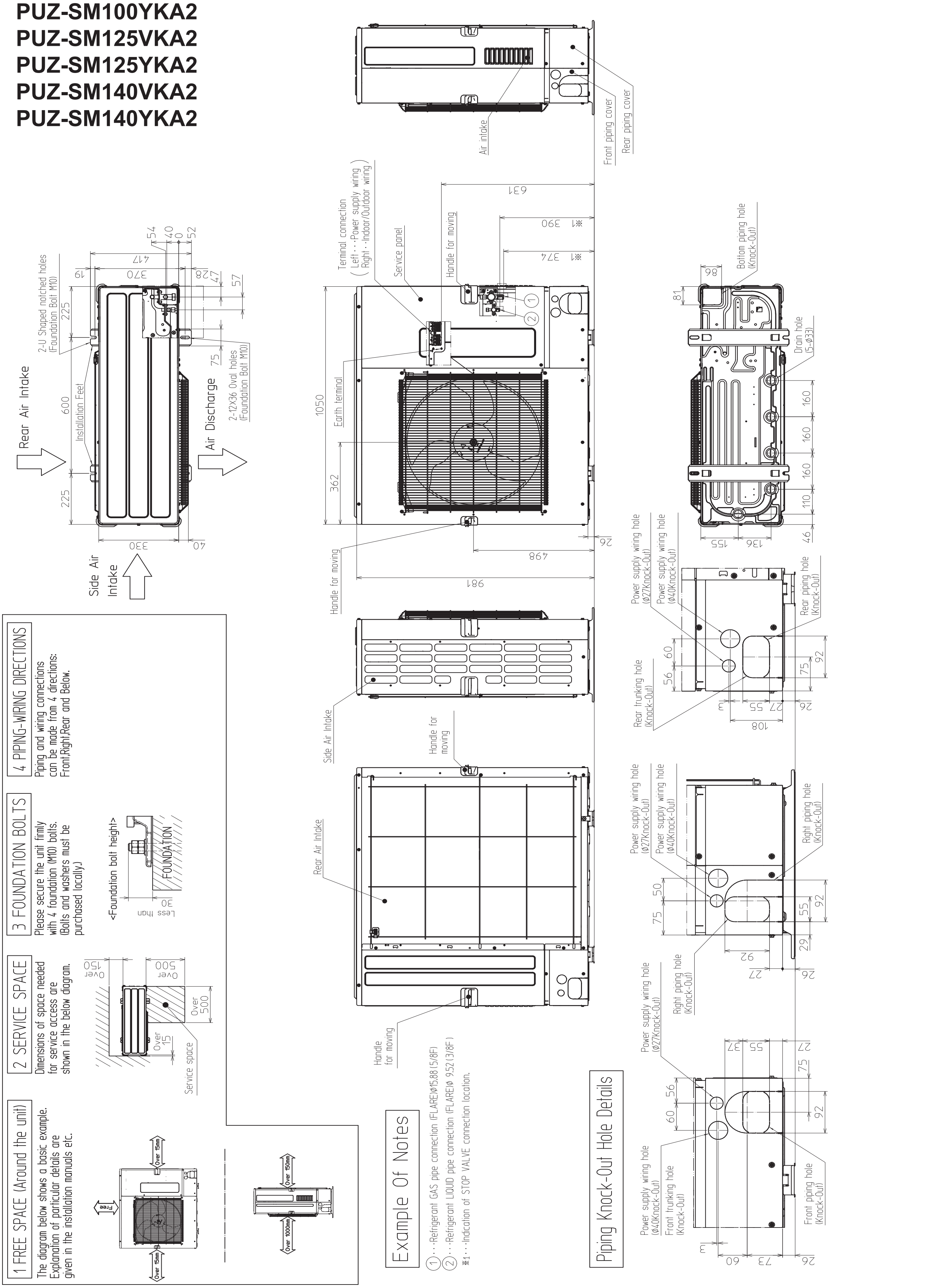
mm (inch)

MODEL NAME		SUZ-SM60VA	SUZ-SM71VA
REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE	FLARED 6.35(1/4")	FLARED 9.52(3/8")
	GAS REFRIGERANT PIPE	FLARED 15.88(5/8")	

4. PUZ-SM•KA2

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

Unit : mm



A.8.2 WIRING DIAGRAM

1. PUZ-ZM•HA2 PUZ-ZM•KA2

PUZ-ZM35VKA2
PUZ-ZM50VKA2

【LEGEND】

SYMBOL	NAME
TB1	Terminal Block〈Power Supply, Indoor/Outdoor〉
MC	Motor for Compressor
MF1	Fan Motor
21S4	Solenoid Valve (4-Way Valve)
63H	High Pressure Switch
TH3	Thermistor〈Liquid〉
TH4	Thermistor〈Discharge〉
TH6	Thermistor〈2-Phase Pipe〉
TH7	Thermistor〈Ambient〉
TH8	Thermistor〈Heat Sink〉
TH33	Thermistor〈Comp. Surface〉
LEV-A, LEV-B	Linear Expansion Valve
ACL	Reactor
C. B.	Controller Circuit Board
F1, F2	Fuse〈T10AL250V〉
F3, F4	Fuse〈T3.15AL250V〉
CNDM	Connector〈Connection for Option〉
CN51	Connector〈Connection for Option〉
CNMNT	Connector〈Connection for Option〉
CNVMNT	Connector〈Connection for Option〉

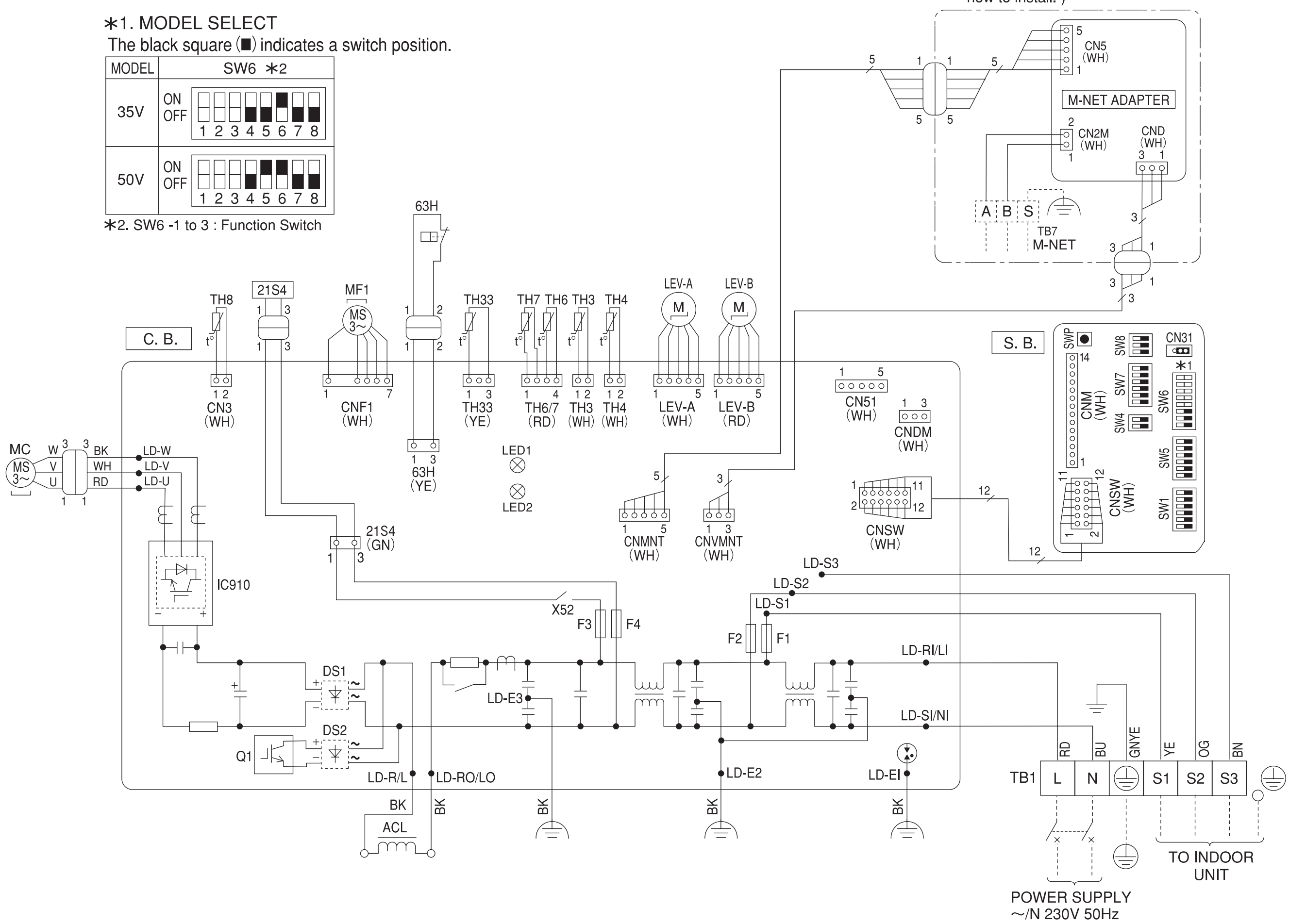
SYMBOL	NAME
S. B.	Switch Board
SW1	Switch〈Manual Defrost, Defect History Record Reset, Refrigerant Address〉
SW4	Switch〈Test Operation〉
SW5	Switch〈Function Switch〉
SW6	Switch〈Model Select〉
SW7	Switch〈Function Switch〉
SW8	Switch〈Function Switch〉
SWP	Switch〈Pump Down〉
CN31	Connector〈Connection for Option〉
CNM	Connector〈Connection for Option〉
M-NET ADAPTER	
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 ∗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

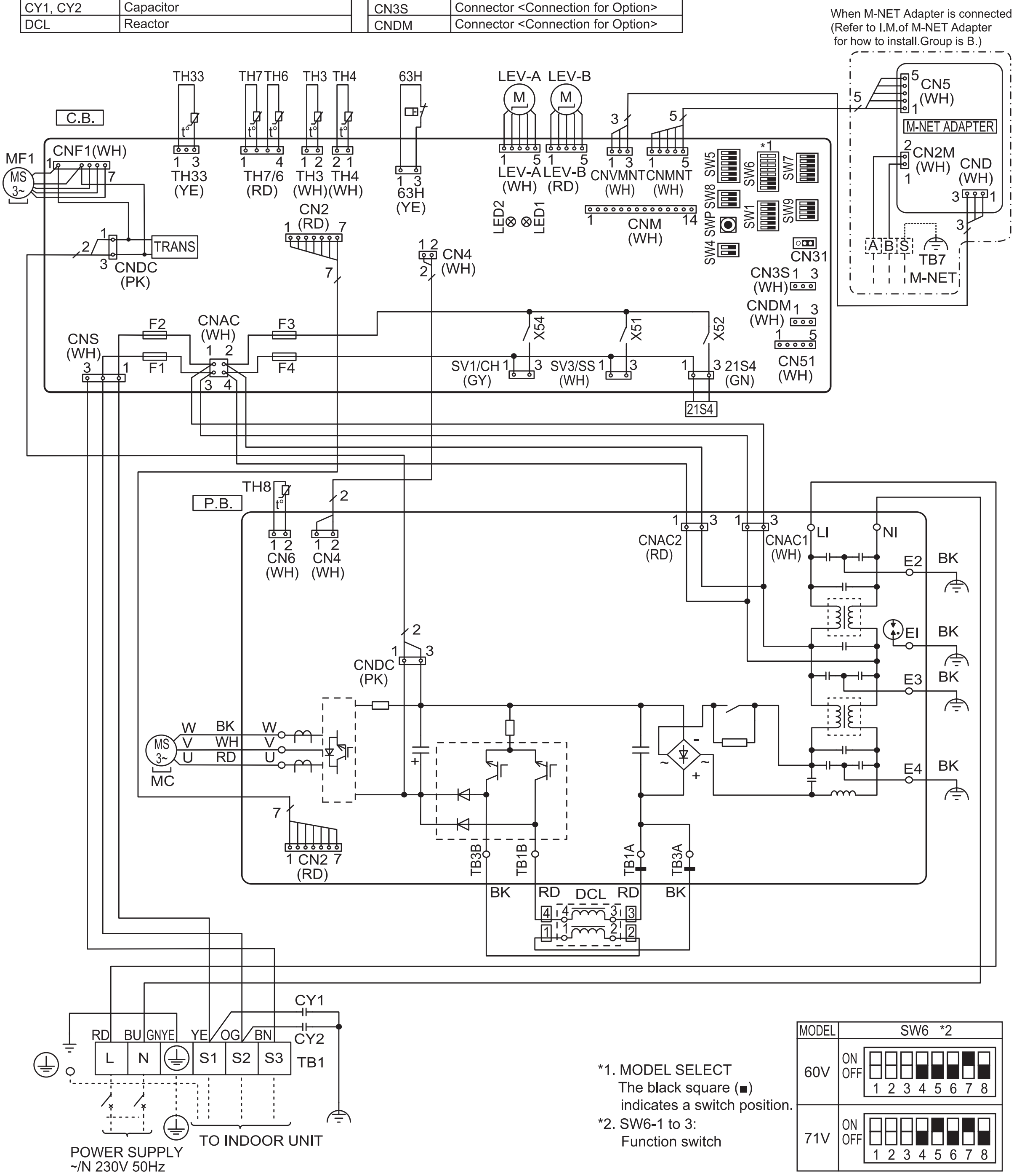
When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install.)



PUZ-ZM60VHA2
PUZ-ZM71VHA2

【LEGEND】

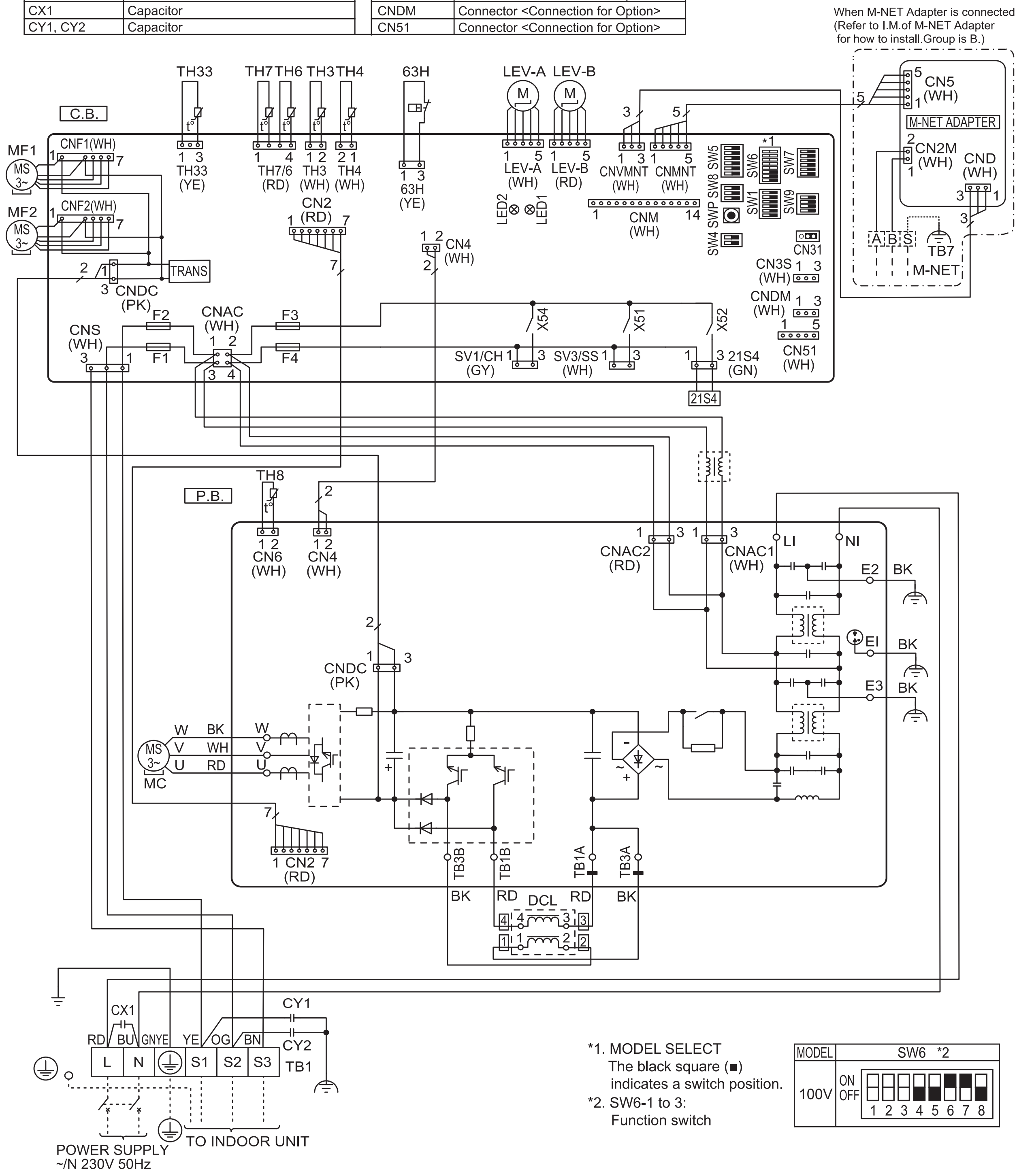
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV1/CH	Connector <Connection for Option>
MF1	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	SV3/SS	Connector <Connection for Option>
63H	High Pressure Switch			CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	SW4	Switch <Test Operation>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW5	Switch <Function Switch>		
TH6	Thermistor <2-Phase Pipe>	SW6	Switch <Model Select>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW7	Switch <Function Switch>		
TH8	Thermistor <Heat Sink>	SW8	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH33	Thermistor <Comp. Surface>	SW9	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SWP	Switch <Pump Down>	F3, F4	Fuse <T6.3AL250V>
21S4	Solenoid Valve (4-Way Valve)	CN31	Connector <Emergency Operation>	X51, X52, X54	Relay
CY1, CY2	Capacitor	CN3S	Connector <Connection for Option>		
DCL	Reactor	CNDM	Connector <Connection for Option>		



PUZ-ZM100VKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	SV1/CH	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV3/SS	Connector <Connection for Option>
MF1, MF2	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
63H	High Pressure Switch			CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH3	Thermistor <Liquid>	SW4	Switch <Test Operation>		
TH4	Thermistor <Discharge>	SW5	Switch <Function Switch>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW6	Switch <Model Select>		
TH7	Thermistor <Ambient>	SW7	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH8	Thermistor <Heat Sink>	SW8	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH33	Thermistor <Comp. Surface>	SW9	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SWP	Switch <Pump Down>	X51, X52, X54	Relay
21S4	Solenoid Valve (4-Way Valve)	CN31	Connector <Emergency Operation>		
DCL	Reactor	CN3S	Connector <Connection for Option>		
CX1	Capacitor	CNDM	Connector <Connection for Option>		
CY1, CY2	Capacitor	CN51	Connector <Connection for Option>		



*1. MODEL SELECT
The black square (■) indicates a switch position.
*2. SW6-1 to 3: Function switch

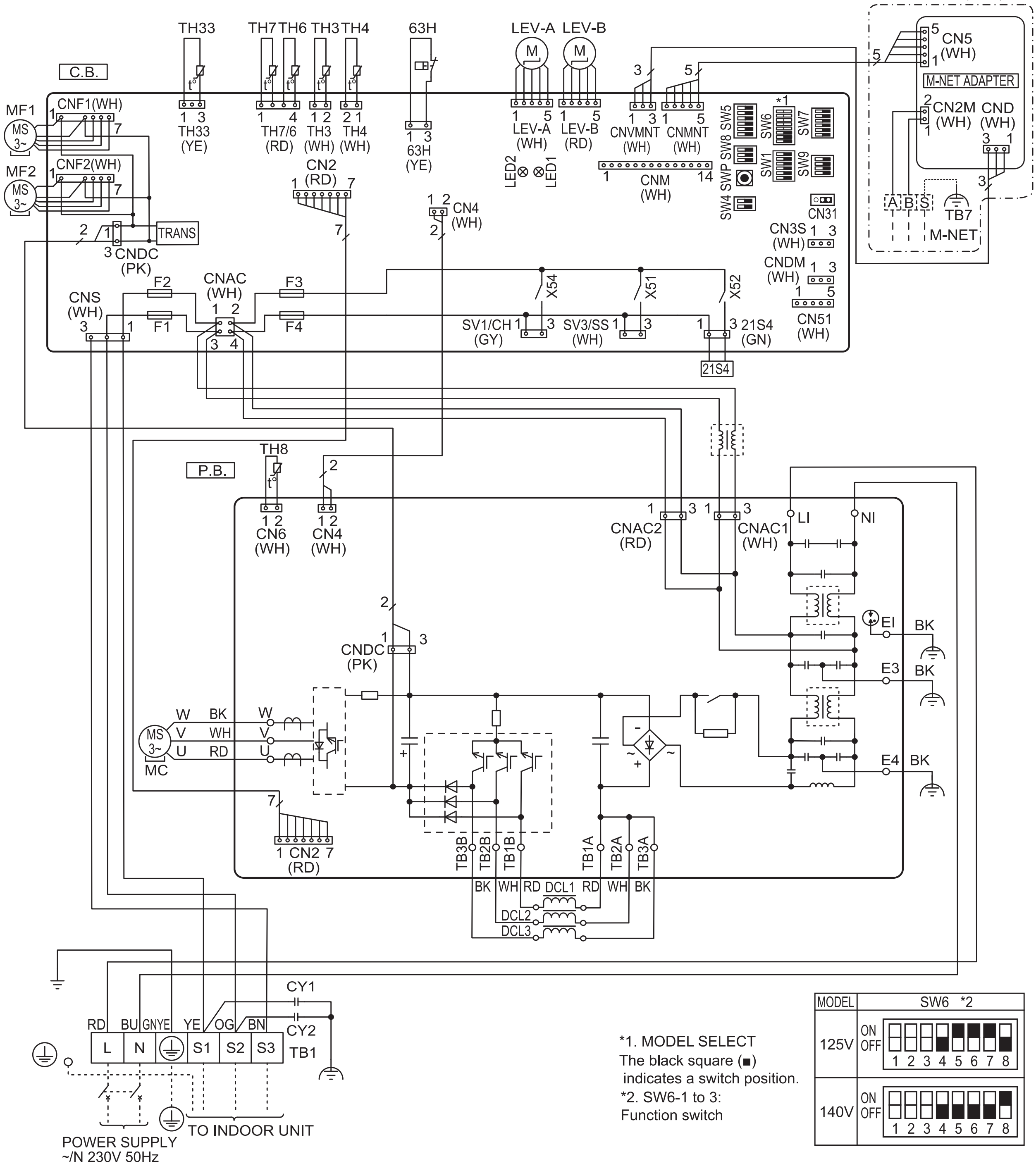
MODEL	SW6 *2
100V	ON/OFF 1 2 3 4 5 6 7 8

PUZ-ZM125VKA2
PUZ-ZM140VKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV1/CH	Connector <Connection for Option>
MF1, MF2	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	SV3/SS	Connector <Connection for Option>
63H	High Pressure Switch			CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	SW4	Switch <Test Operation>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW5	Switch <Function Switch>		
TH6	Thermistor <2-Phase Pipe>	SW6	Switch <Model Select>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW7	Switch <Function Switch>		
TH8	Thermistor <Heat Sink>	SW8	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH33	Thermistor <Comp. Surface>	SW9	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SWP	Switch <Pump Down>	F3, F4	Fuse <T6.3AL250V>
21S4	Solenoid Valve (4-Way Valve)	CN31	Connector <Emergency Operation>	X51, X52, X54	Relay
DCL1, DCL2, DCL3	Reactor	CN3S	Connector <Connection for Option>		
CY1, CY2	Capacitor	CNDM	Connector <Connection for Option>		

When M-NET Adapter is connected
(Refer to I.M.of M-NET Adapter
for how to install.Group is B.)

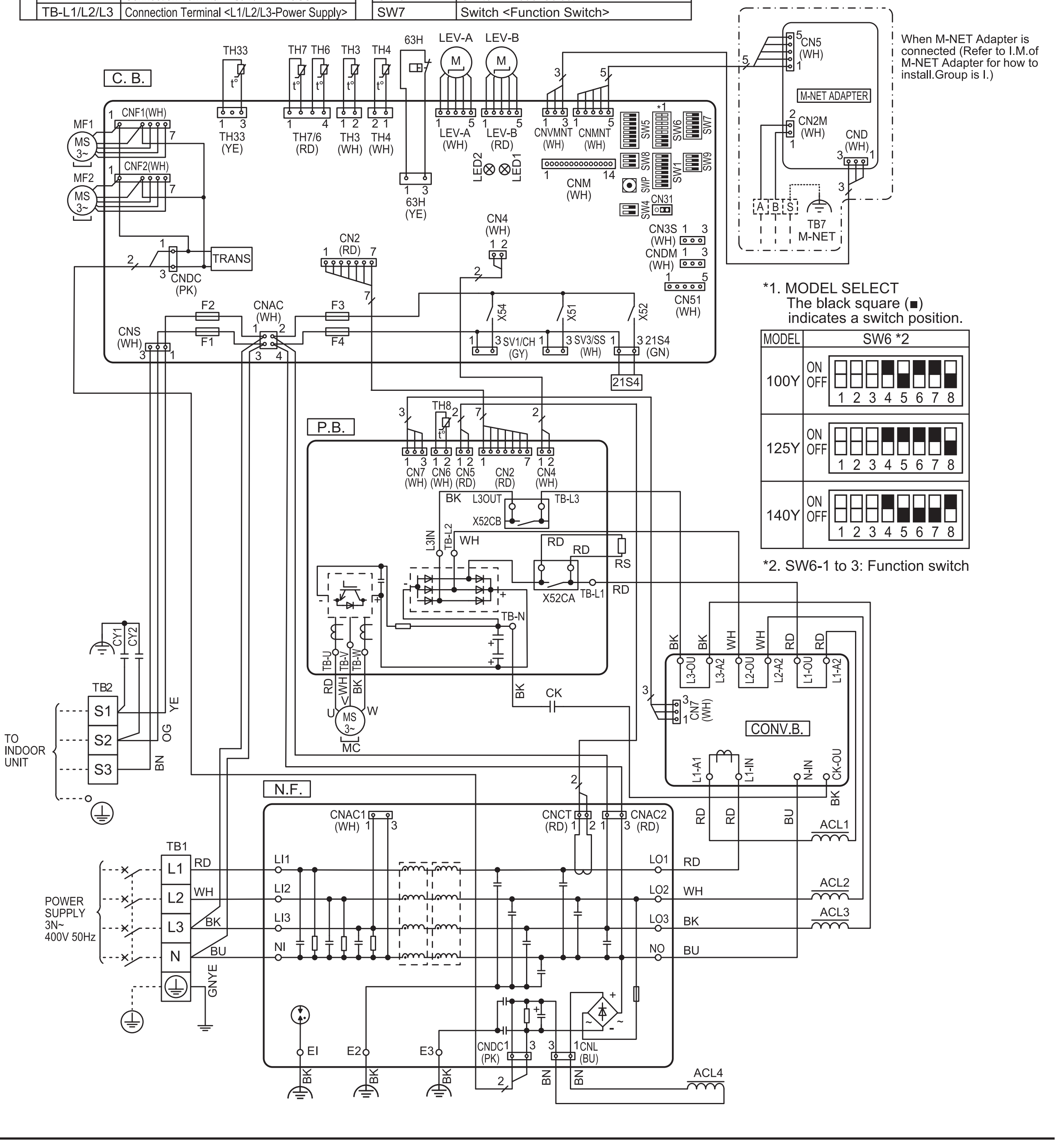


*1. MODEL SELECT
The black square (■) indicates a switch position.
*2. SW6-1 to 3:
Function switch

PUZ-ZM100YKA2
PUZ-ZM125YKA2
PUZ-ZM140YKA2

【LEGEND】

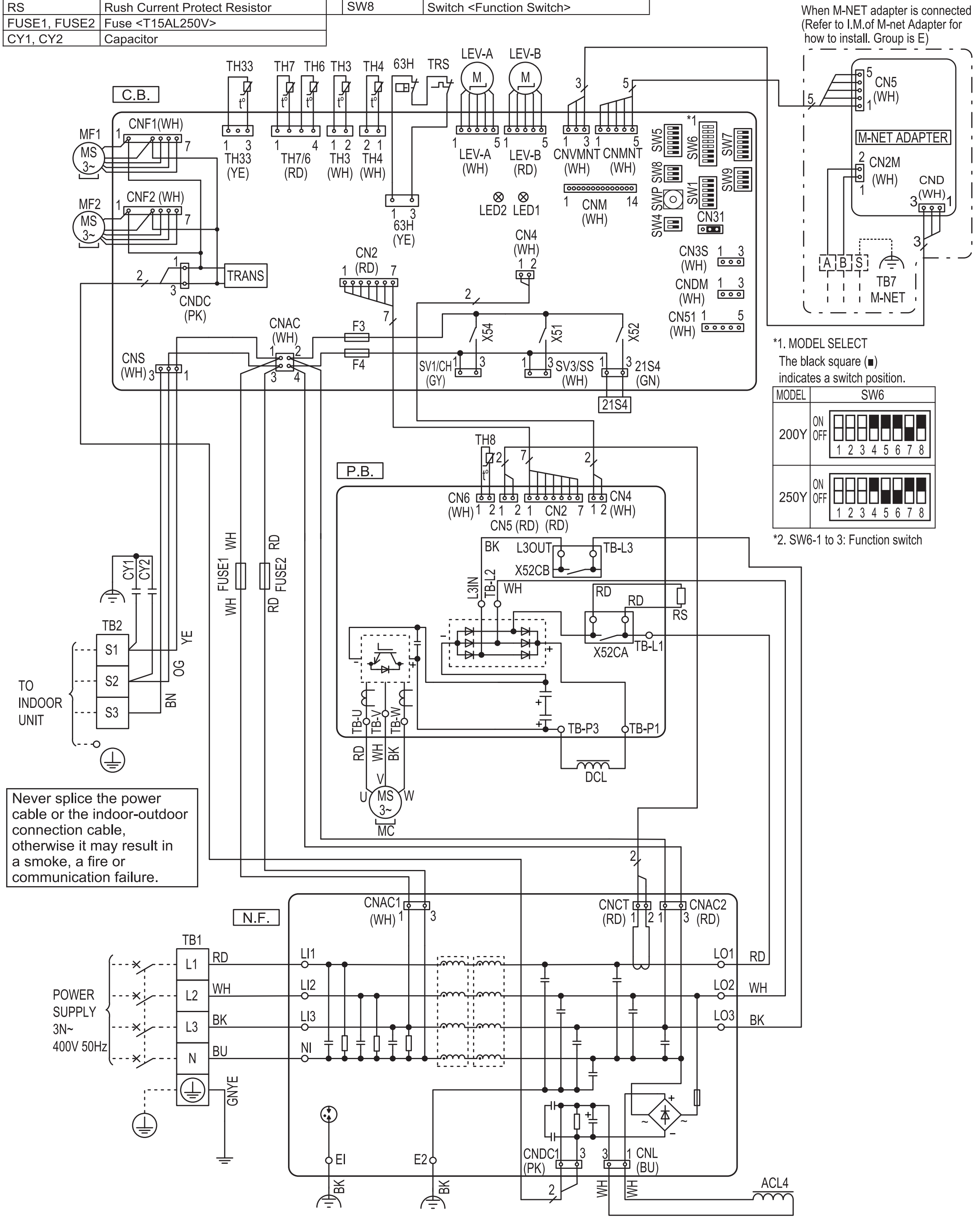
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TB-N	Connection Terminal	SW8	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	X52CA/B	52C Relay	SW9	Switch <Function Switch>
MC	Motor for Compressor	N.F.	Noise Filter Circuit Board	SWP	Switch <Pump Down>
MF1, MF2	Fan Motor	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	CN31	Connector <Emergency Operation>
63H	High Pressure Switch	LO1/LO2/LO3/NO	Connection Terminal <L1/L2/L3/N-Power Supply>	CN3S	Connector <Connection for Option>
TH3	Thermistor <Liquid>	EI, E2, E3	Connection Terminal <Ground>	CNDM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	CONV.B.	Converter Circuit Board	CN51	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	L1-A1/IN	Connection Terminal <L1-Power Supply>	SV1/CH	Connector <Connection for Option>
TH7	Thermistor <Ambient>	L1-A2/OU	Connection Terminal <L1-Power Supply>	SV3/SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	L2-A2/OU	Connection Terminal <L2-Power Supply>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	L3-A2/OU	Connection Terminal <L3-Power Supply>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A, LEV-B	Linear Expansion Valve	N-IN	Connection Terminal		
21S4	Solenoid Valve (4-Way Valve)	CK-OU	Connection Terminal	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
ACL1,ACL2,ACL3,ACL4	Reactor	C.B.	Controller Circuit Board		
CK	Capacitor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	LED1, LED2	LED <Operation Inspection Indicators>
RS	Rush Current Protect Resistor			F1, F2	Fuse <T10AL250V>
CY1, CY2	Capacitor	SW4	Switch <Test Operation>	F3, F4	Fuse <T6.3AL250V>
P.B.	Power Circuit Board	SW5	Switch <Function Switch>	X51, X52, X54	Relay
TB-U/V/W	Connection Terminal <U/V/W-Phase>	SW6	Switch <Model Select>		
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	SW7	Switch <Function Switch>		



PUZ-ZM200YKA2
PUZ-ZM250YKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TRS	Thermal Protector	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	EI, E2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>		
TH8	Thermistor <Heat Sink>			CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Test Operation>		
LEV-A, LEV-B	Linear Expansion Valve	SW5	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW6	Switch <Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW7	Switch <Function Switch>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW8	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>				
CY1, CY2	Capacitor				

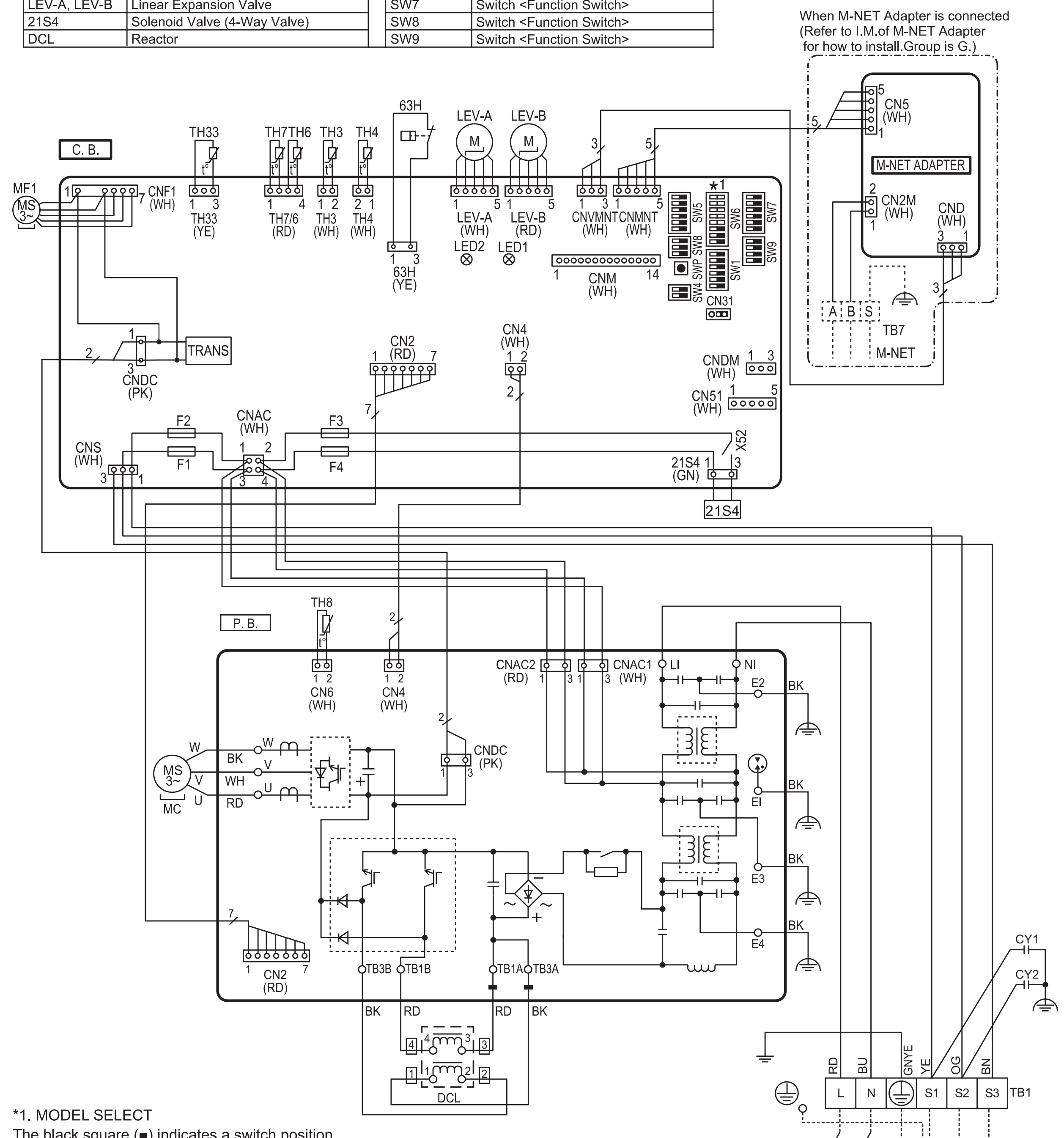


2. PUZ-M•KA2

PUZ-M100VKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	SWP	Switch <Pump Down>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>
MF1	Fan Motor	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2,	Fuse <T10AL250V>	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>			CNVMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>	X52	Relay
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>		
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>		
DCL	Reactor	SW9	Switch <Function Switch>		



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100V	ON / OFF, switches 1 2 3 4 5 6 7 8

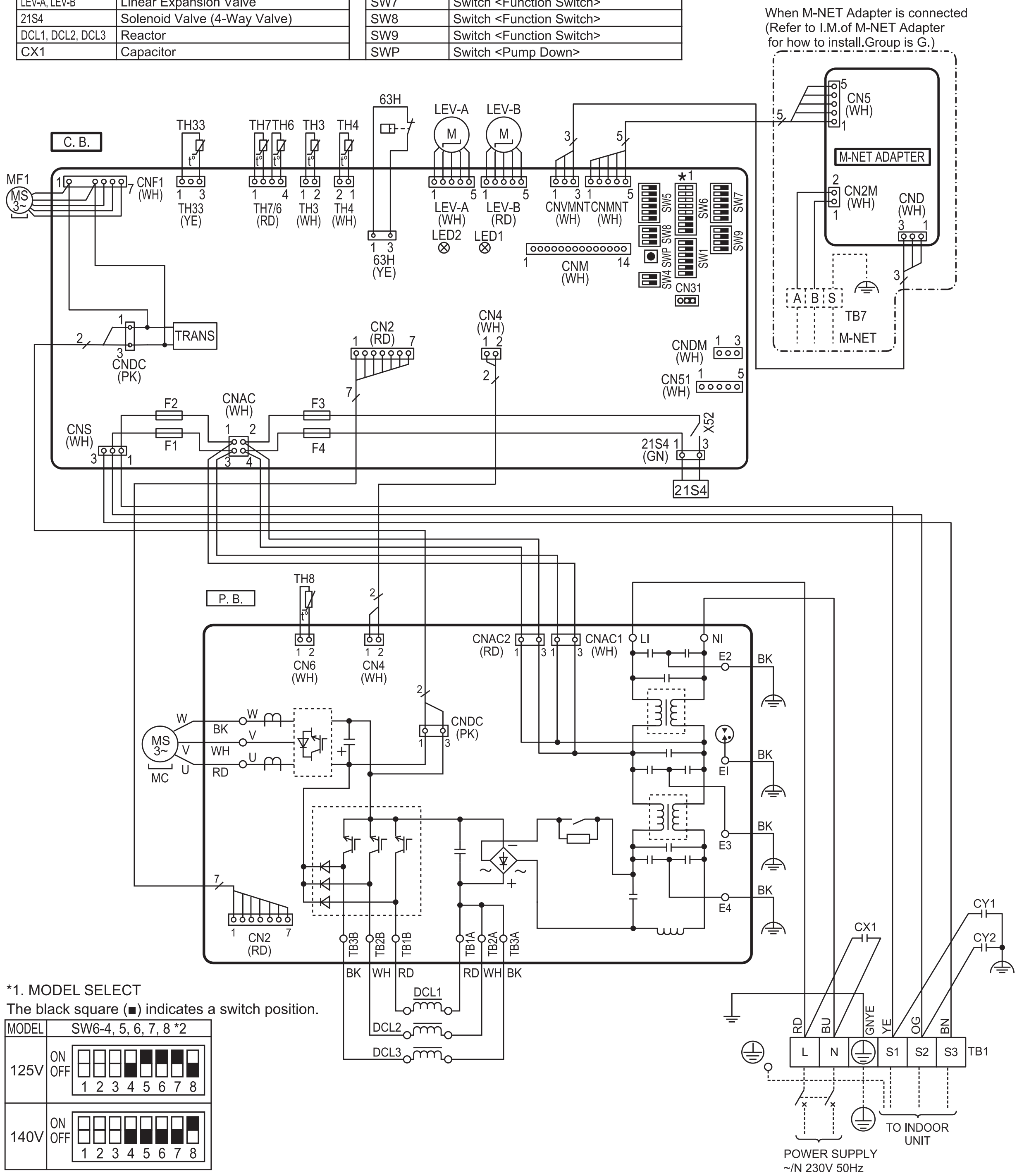
*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M125VKA2
PUZ-M140VKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	C.B.	Controller Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History	CNVMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>		Record Reset, Refrigerant Address>	X52	Relay
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>		
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>		
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>		
DCL1, DCL2, DCL3	Reactor	SW9	Switch <Function Switch>		
CX1	Capacitor	SWP	Switch <Pump Down>		



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON/OFF 1 2 3 4 5 6 7 8
140V	ON/OFF 1 2 3 4 5 6 7 8

*2. SW6-1 to 3: Function switch

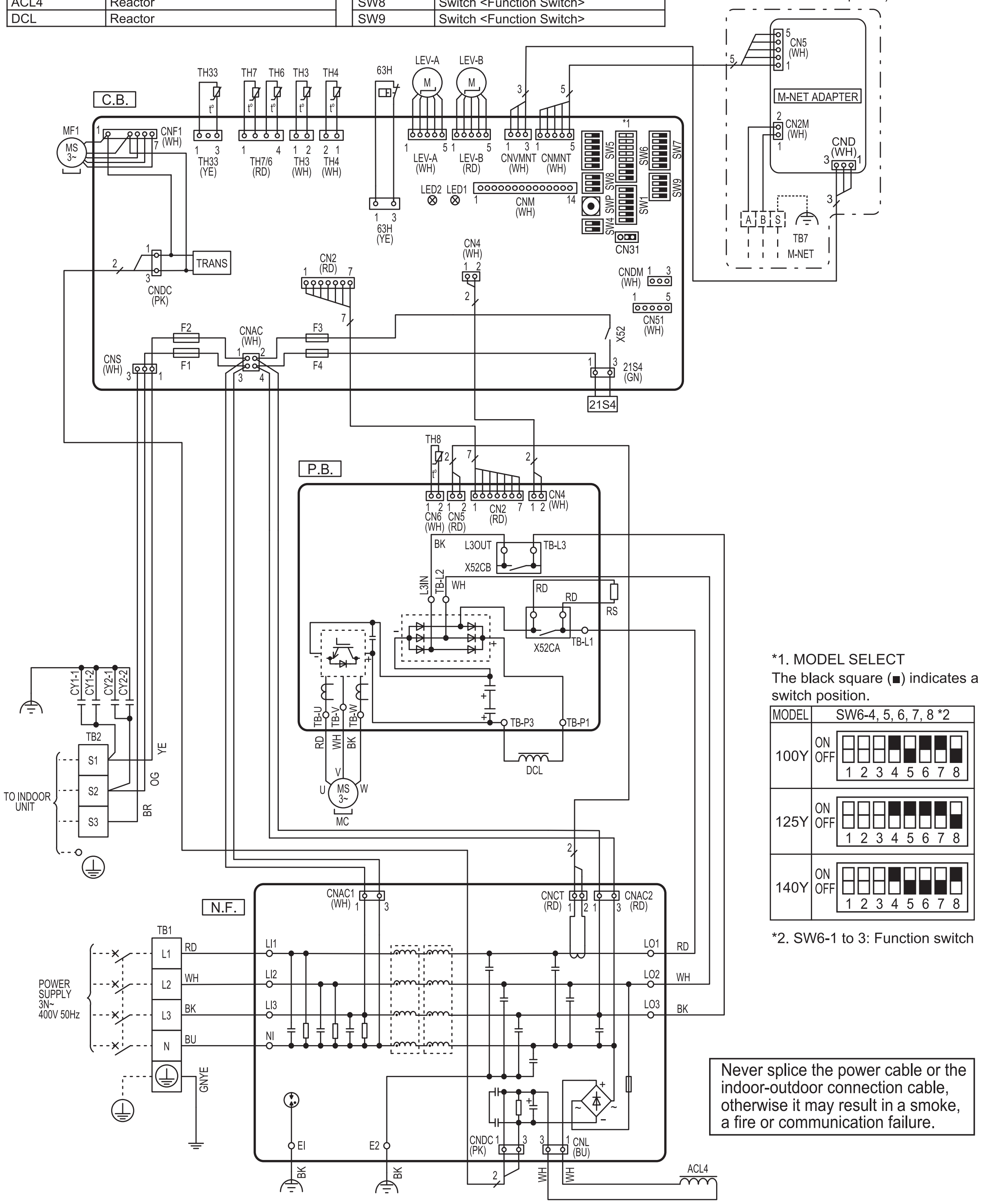
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Resistor	SWP	Switch <Pump Down>
TB2	Terminal Block <Indoor/Outdoor>	CY1-1, CY1-2, CY2-1, CY2-2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	N.F.	Noise Filter Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	C.B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F1, F2	Fuse <T10AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	F3, F4	Fuse <T6.3AL250V>	CNVMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	X52	Relay
TH7	Thermistor <Ambient>				
TH8	Thermistor <Heat Sink>	SW4	Switch <Test operation>		
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW6	Switch <Model Select>		
21S4	Solenoid Valve (4-Way Valve)	SW7	Switch <Function Switch>		
ACL4	Reactor	SW8	Switch <Function Switch>		
DCL	Reactor	SW9	Switch <Function Switch>		

When M-NET Adapter is connected
(Refer to I.M.of M-NET Adapter
for how to install.Group is G.)



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON / OFF 1 2 3 4 5 6 7 8
125Y	ON / OFF 1 2 3 4 5 6 7 8
140Y	ON / OFF 1 2 3 4 5 6 7 8

*2. SW6-1 to 3: Function switch

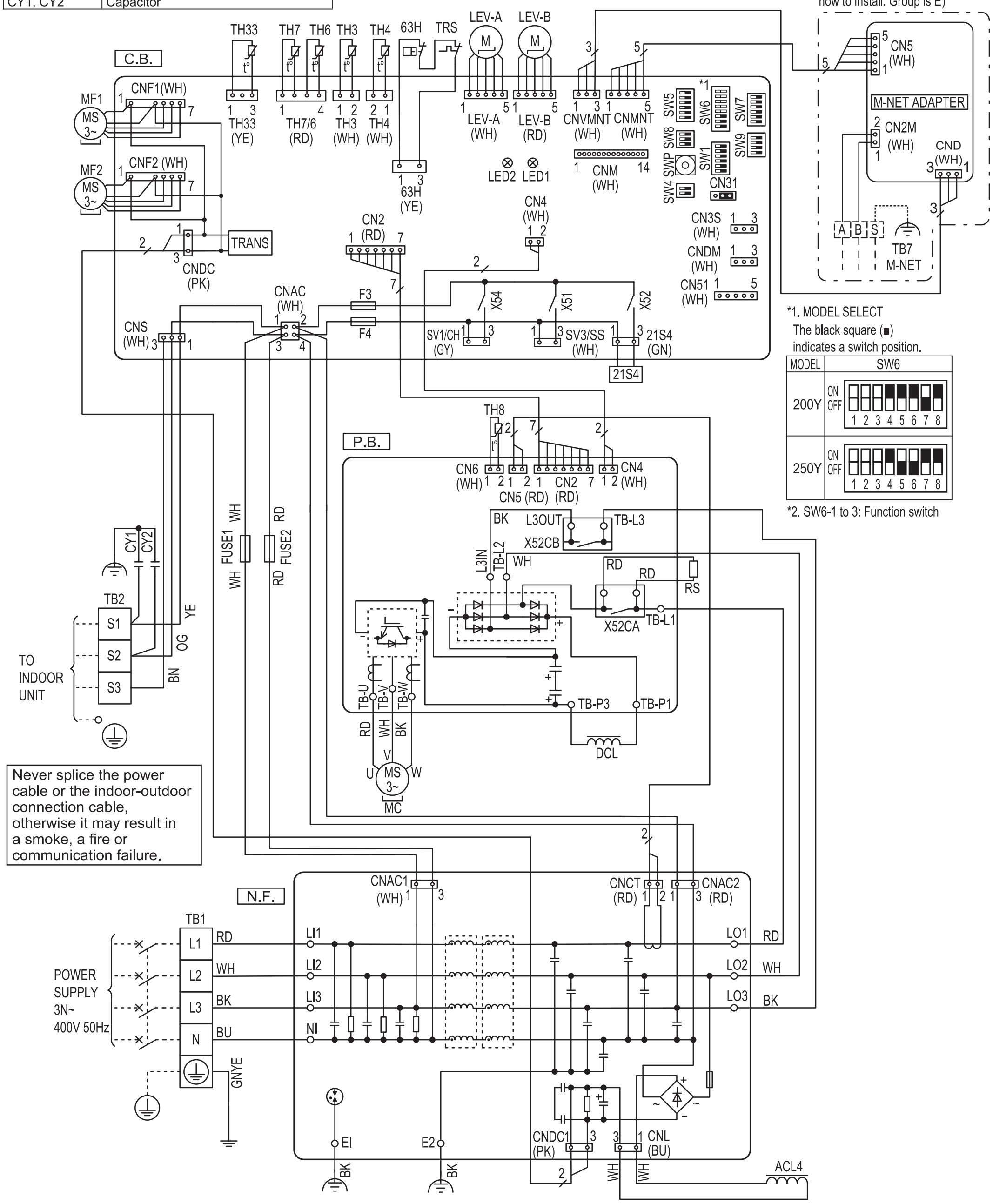
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M200YKA2
PUZ-M250YKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TRS	Thermal Protector	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	EI, E2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>		
TH8	Thermistor <Heat Sink>			CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Test Operation>		
LEV-A, LEV-B	Linear Expansion Valve	SW5	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW6	Switch <Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW7	Switch <Function Switch>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW8	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>				
CY1, CY2	Capacitor				

When M-NET adapter is connected (Refer to I.M.of M-net Adapter for how to install. Group is E)



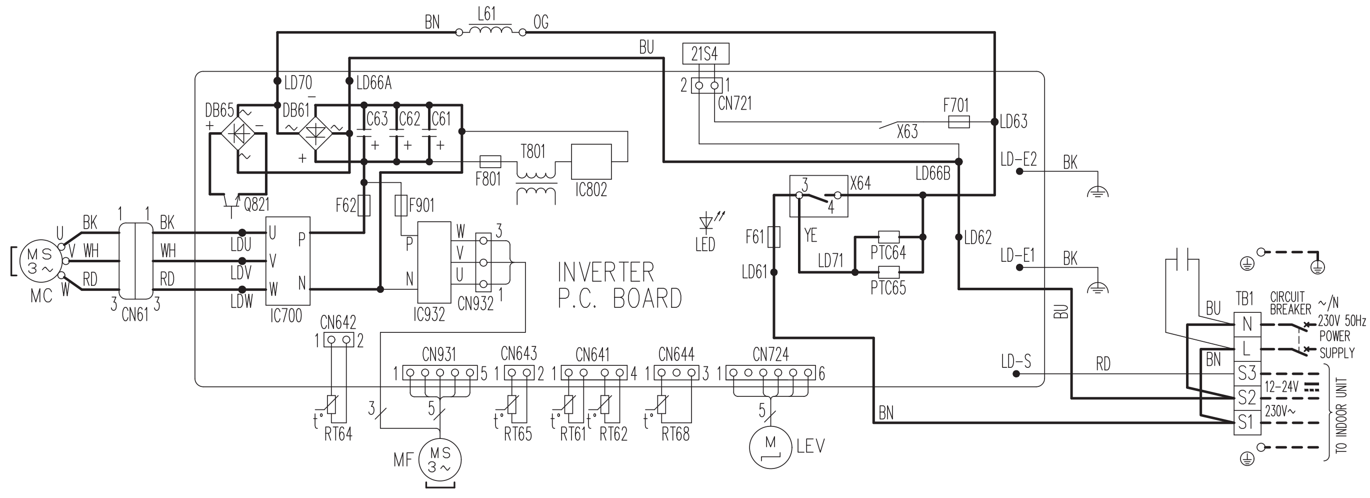
M-NET ADAPTER

【LEGEND】

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

3. SUZ-SM•VA

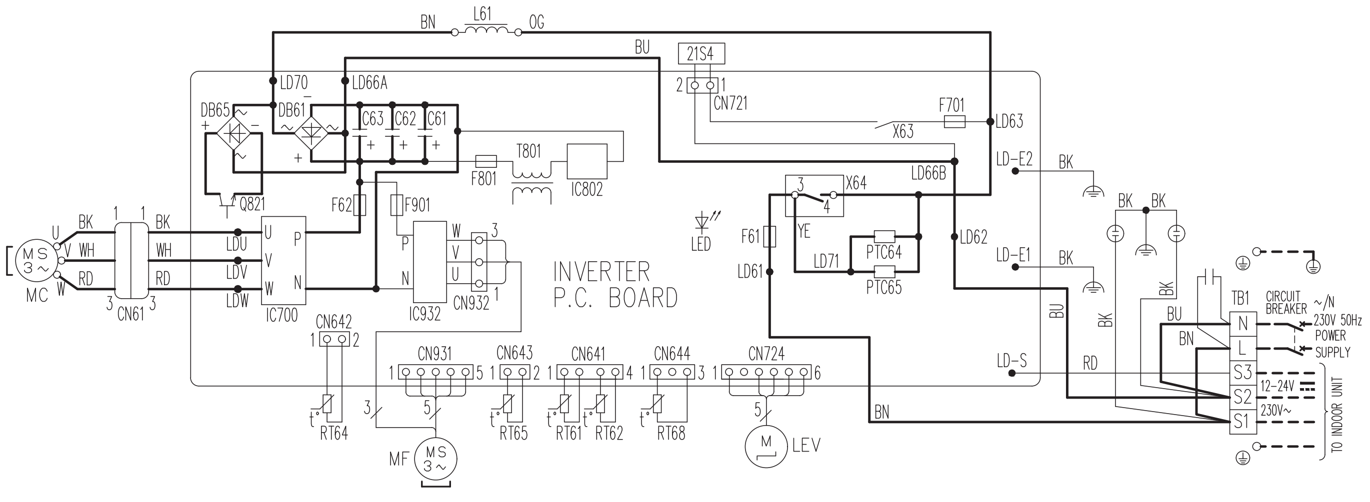
SUZ-SM35VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61,C62,C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61,DB65	DIODE MODULE	MC	COMPRESSOR		
F61	FUSE (25A 250V)	MF	FAN MOTOR	TB1	TERMINAL BLOCK
F62	FUSE (15A 250V)	PTC64,PTC65	CIRCUIT PROTECTION	T801	TRANSFORMER
F701,F801,F901	FUSE (T3.15AL250V)	Q821	SWITCHING POWER TRANSISTOR	X63,X64	RELAY
IC700,IC932	POWER MODULE	RT61	DEFROST THERMISTOR	21S4	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

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 symbol] : Terminal block
[connector symbol] : Connector

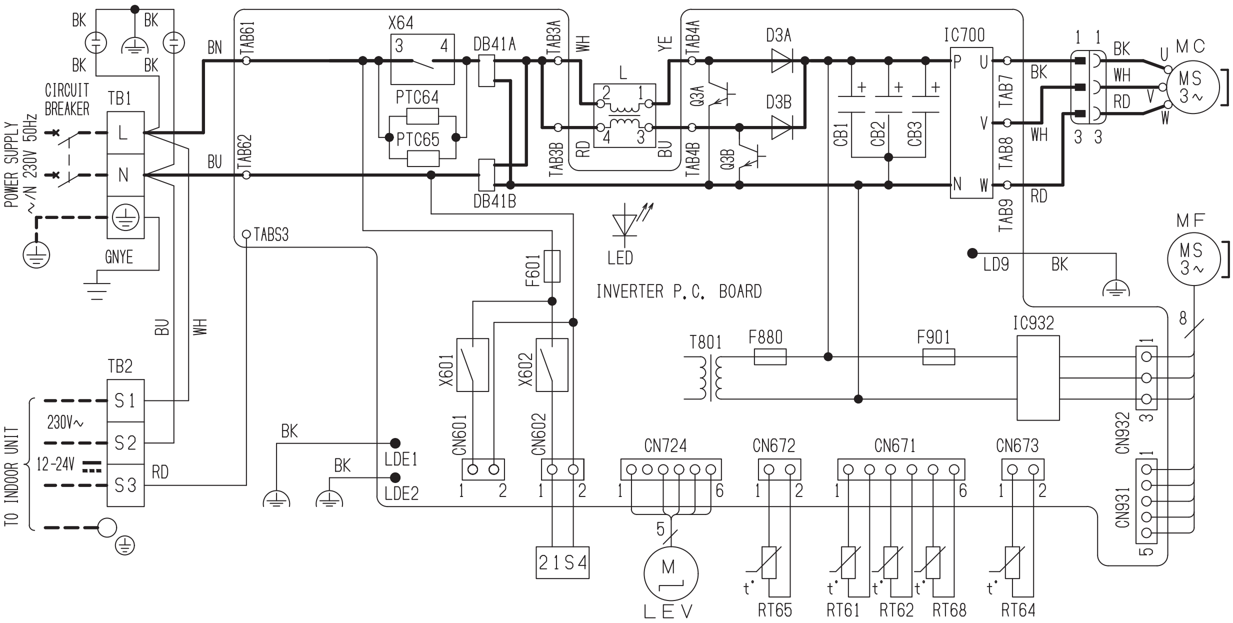
SUZ-SM50VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61,C62,C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61,DB65	DIODE MODULE	MC	COMPRESSOR		
F61	FUSE (25A 250V)	MF	FAN MOTOR	TB1	TERMINAL BLOCK
F62	FUSE (15A 250V)	PTC64,PTC65	CIRCUIT PROTECTION	T801	TRANSFORMER
F701,F801,F901	FUSE (T3.15AL250V)	Q821	SWITCHING POWER TRANSISTOR	X63,X64	RELAY
IC700,IC932	POWER MODULE	RT61	DEFROST THERMISTOR	21S4	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

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 symbol] : Terminal block
[connector symbol] : Connector

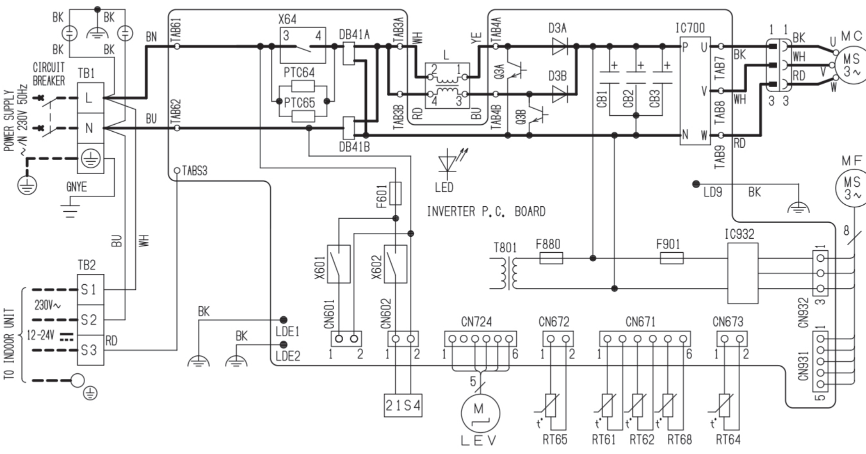
SUZ-SM60VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1, CB2, CB3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
DB41A, DB41B	DIODE MODULE	LED	LED	RT62	DISCHARGE TEMP. THERMISTOR	X64	RELAY
D3A, D3B	DIODE	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP. THERMISTOR	X601, X602	RELAY
F601	FUSE (T3.15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F880	FUSE (T3.15AL250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3.15AL250V)	PTC64, PTC65	CIRCUIT PROTECTION				
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2. Use copper supply wires. 3. Symbols indicate, ▭ : Terminal block ○○○ : Connector

SUZ-SM71VA



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 (T3.15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F880	FUSE (T3.15AL250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3.15AL250V)	PTC64, PTC65	CIRCUIT PROTECTION				
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2. Use copper supply wires. 3. Symbols indicate, ☐☐☐ : Terminal block ○○○ : Connector

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 (while compressor is not in operation.)	Lit	Normal
		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.

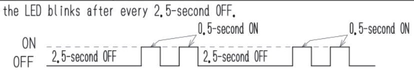
※ For details, refer to the appropriate service manual.

Troubleshootings When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation.
When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
3 times	Protection for overheat of discharge temperature	1. Charge refrigerant 2. Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1. Check air circulation in outdoor unit (short cycle) 2. Check outdoor fan motor 3. Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1. Check refrigerant circuit (clogging etc.) 2. Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1. Reconnect compressor connector 2. Check compressor 3. Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1. Reconnect connectors for fan motor 2. Check outdoor INVERTER P.C. BOARD 3. Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	1. Refer to SERVICE MANUAL

The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
[Example] Blinking frequency is "Twice".

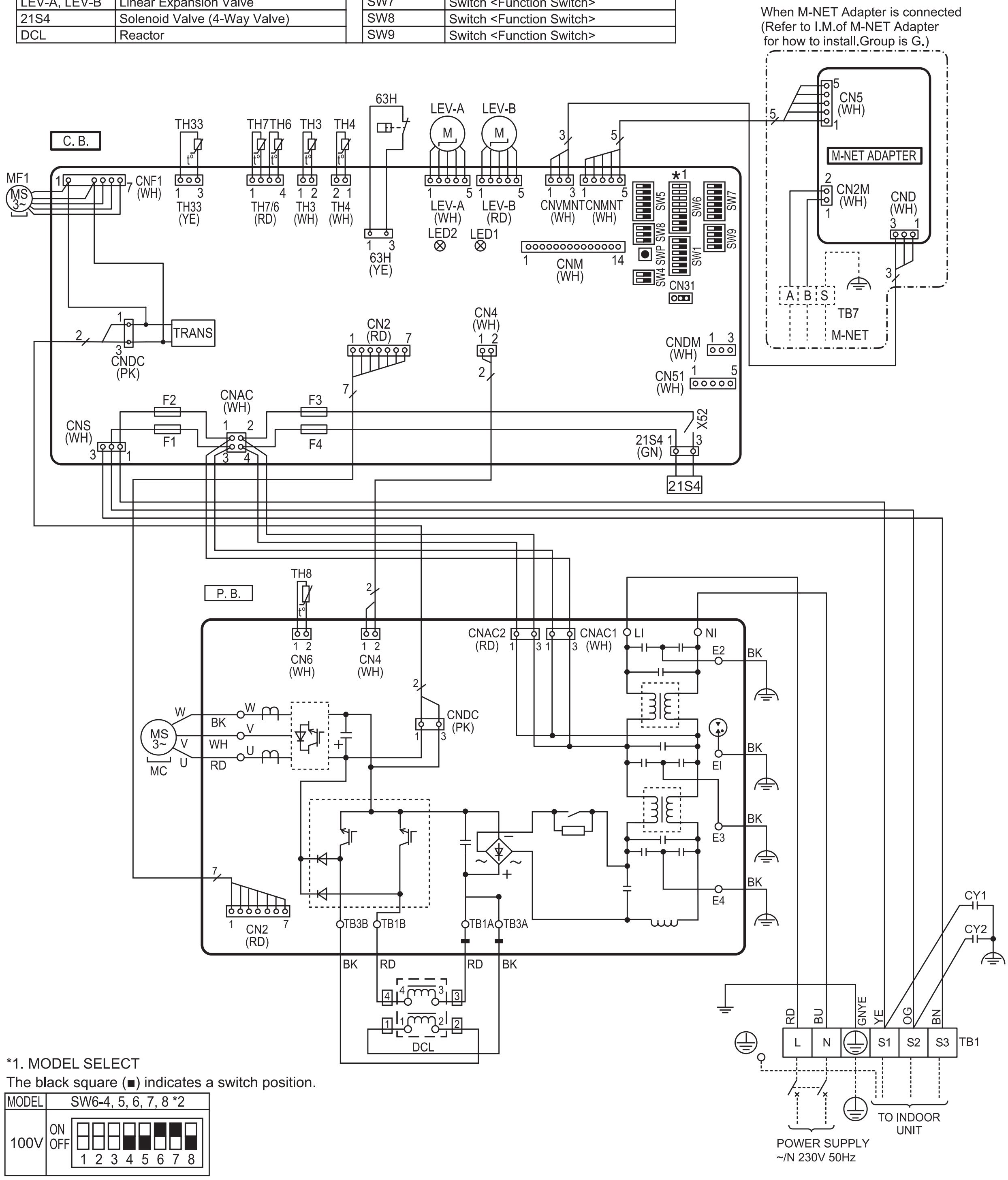


4. PUZ-SM•KA2

PUZ-SM100VKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	SWP	Switch <Pump Down>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>
MF1	Fan Motor	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>			CNVMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>	X52	Relay
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>		
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>		
DCL	Reactor	SW9	Switch <Function Switch>		



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100V	ON OFF 1 2 3 4 5 6 7 8

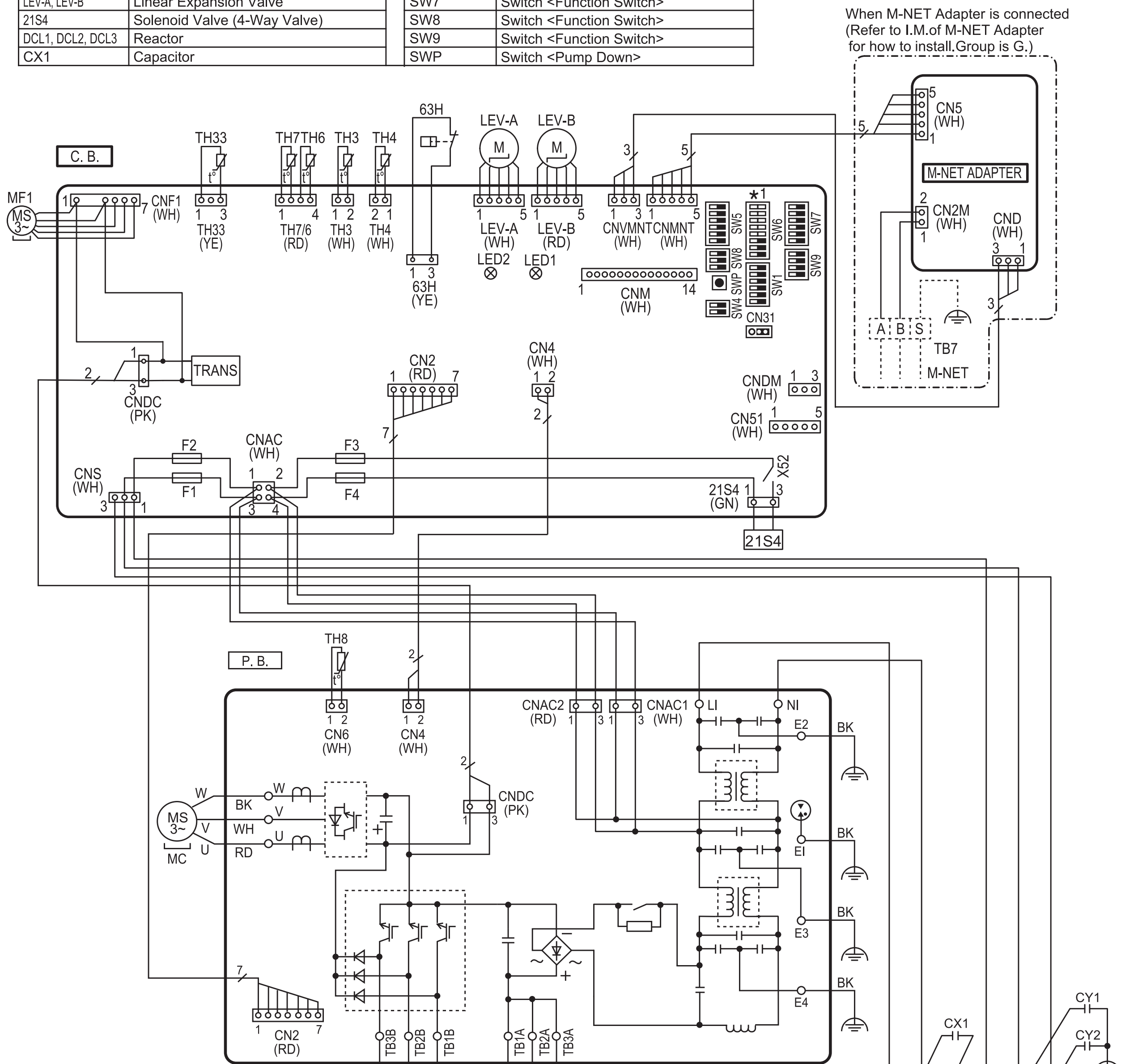
*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-SM125VKA2
PUZ-SM140VKA2

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	C.B.	Controller Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNVMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>			X52	Relay
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>		
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>		
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>		
DCL1, DCL2, DCL3	Reactor	SW9	Switch <Function Switch>		
CX1	Capacitor	SWP	Switch <Pump Down>		



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON OFF 1 2 3 4 5 6 7 8
140V	ON OFF 1 2 3 4 5 6 7 8

*2. SW6-1 to 3: Function switch

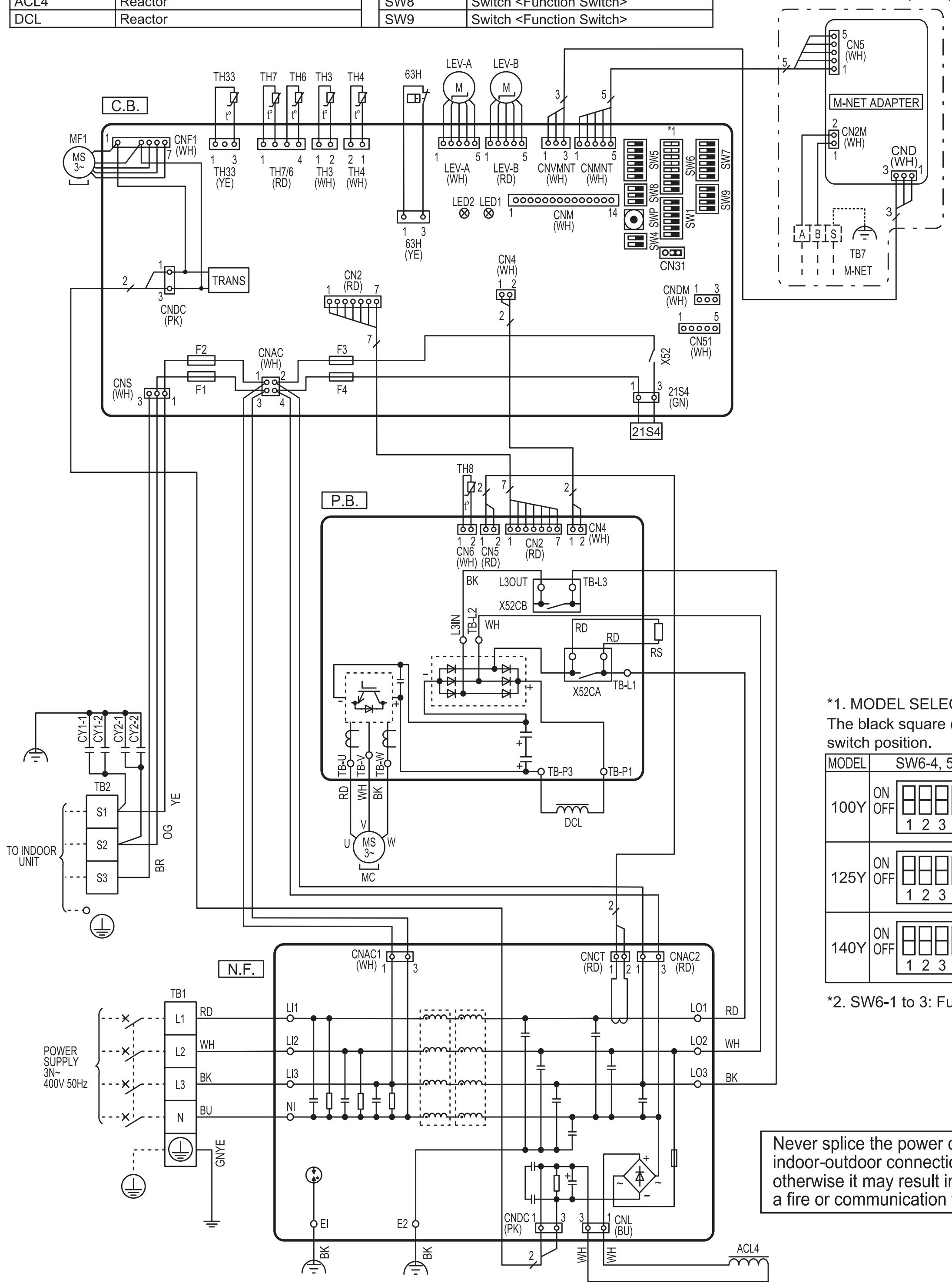
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-SM100YKA2
PUZ-SM125YKA2
PUZ-SM140YKA2

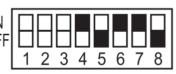
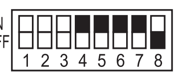
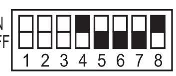
【LEGEND】

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Resistor	SWP	Switch <Pump Down>
TB2	Terminal Block <Indoor/Outdoor>	CY1-1, CY1-2, CY2-1, CY2-2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	N.F.	Noise Filter Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	C.B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F1, F2	Fuse <T10AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	F3, F4	Fuse <T6.3AL250V>	CNVMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	X52	Relay
TH7	Thermistor <Ambient>				
TH8	Thermistor <Heat Sink>	SW4	Switch <Test operation>		
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW6	Switch <Model Select>		
21S4	Solenoid Valve (4-Way Valve)	SW7	Switch <Function Switch>		
ACL4	Reactor	SW8	Switch <Function Switch>		
DCL	Reactor	SW9	Switch <Function Switch>		

When M-NET Adapter is connected
(Refer to I.M.of M-NET Adapter
for how to install.Group is G.)



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	
125Y	
140Y	

*2. SW6-1 to 3: Function switch

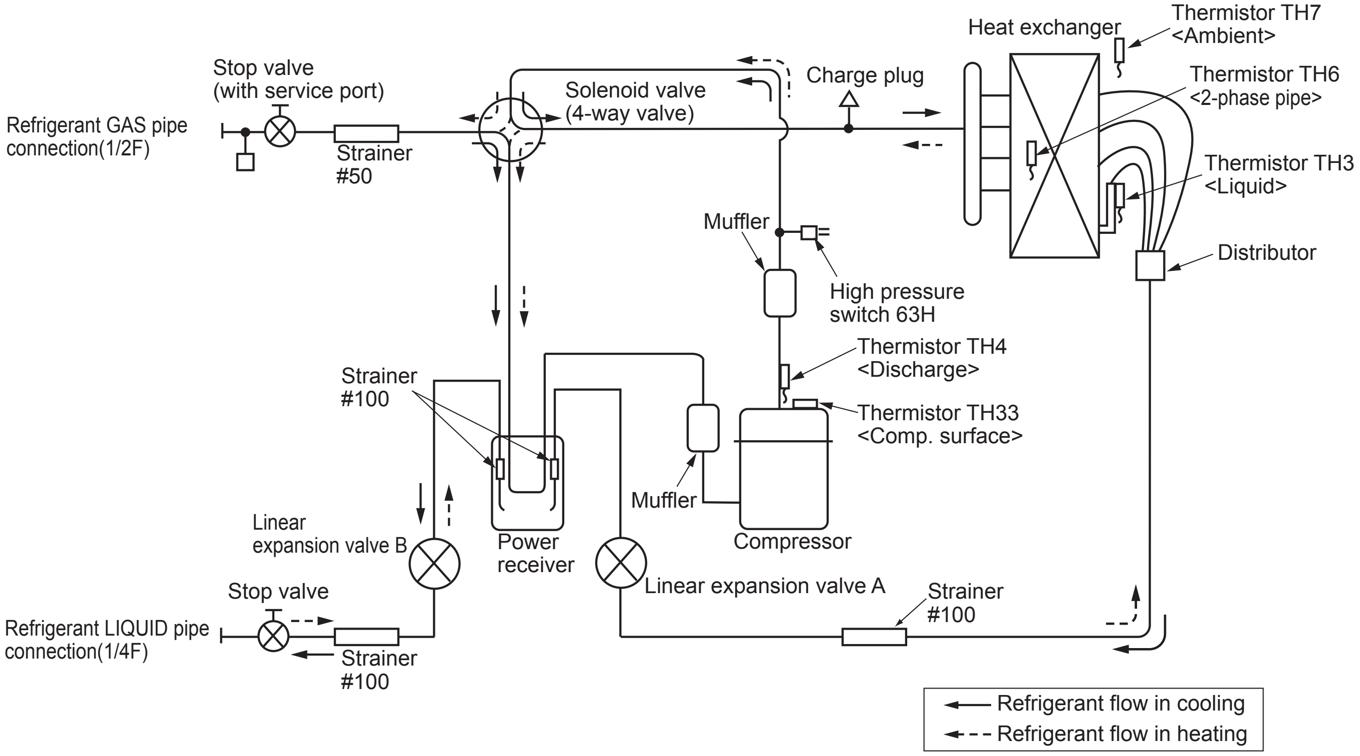
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

A.8.3 REFRIGERANT SYSTEM DIAGRAM

1. PUZ-ZM•HA2, KA2

PUZ-ZM35VKA2
PUZ-ZM50VKA2

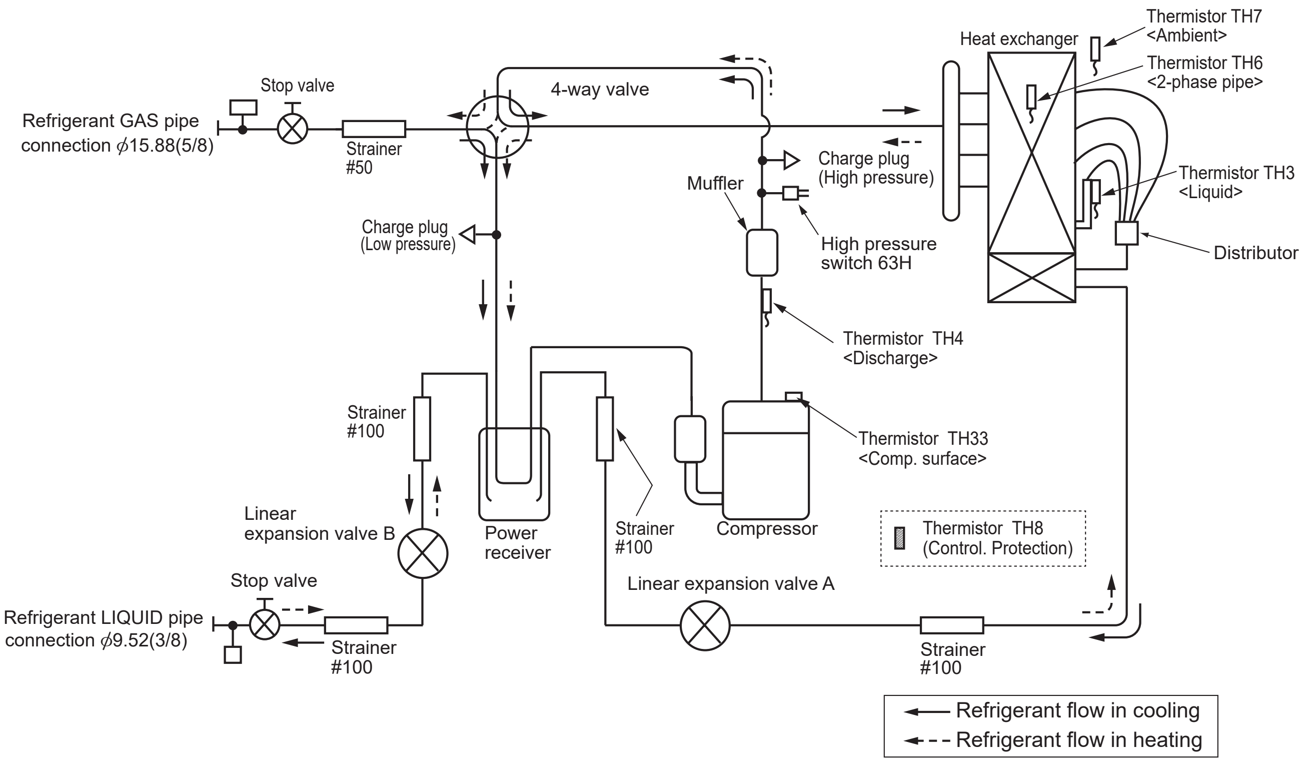
Unit: mm



OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

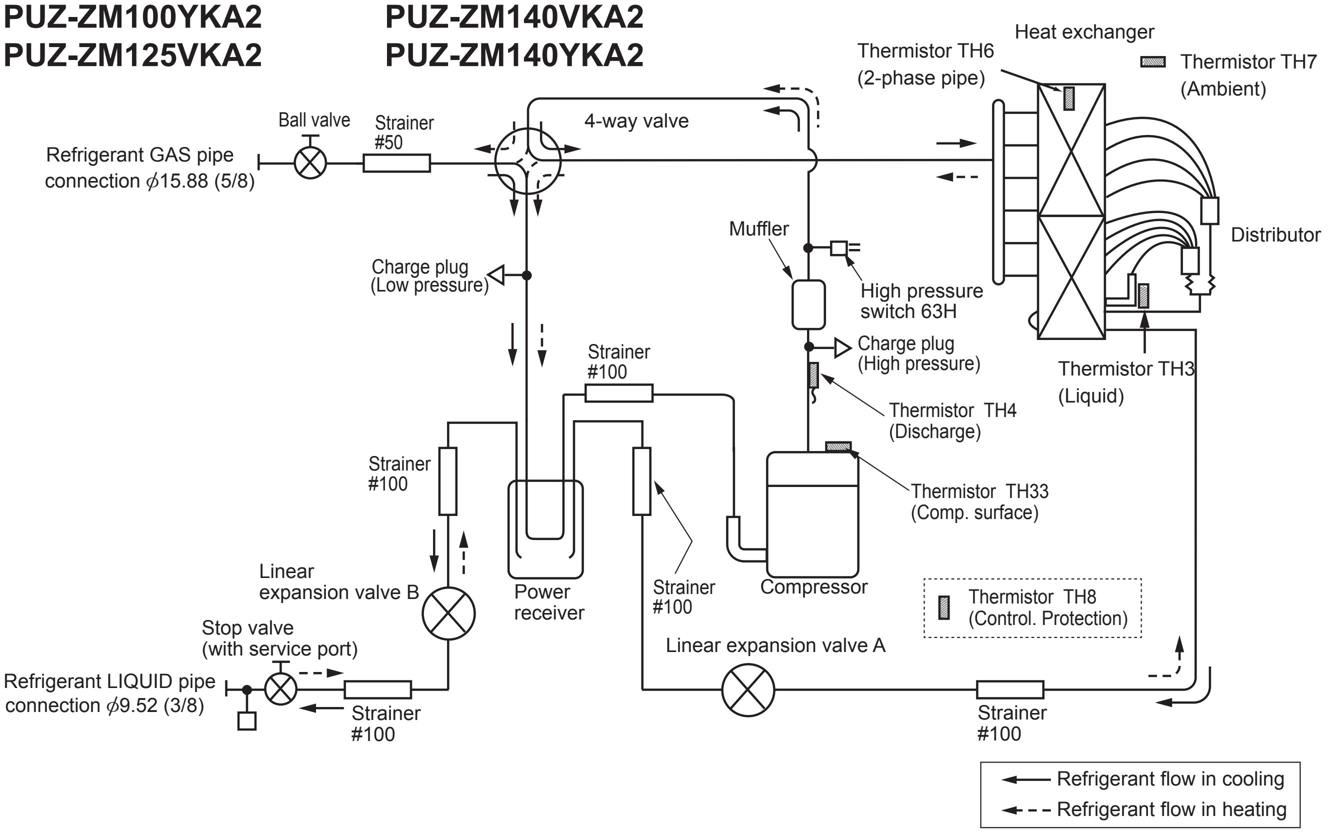
PUZ-ZM60VHA2
PUZ-ZM71VHA2

Unit: mm



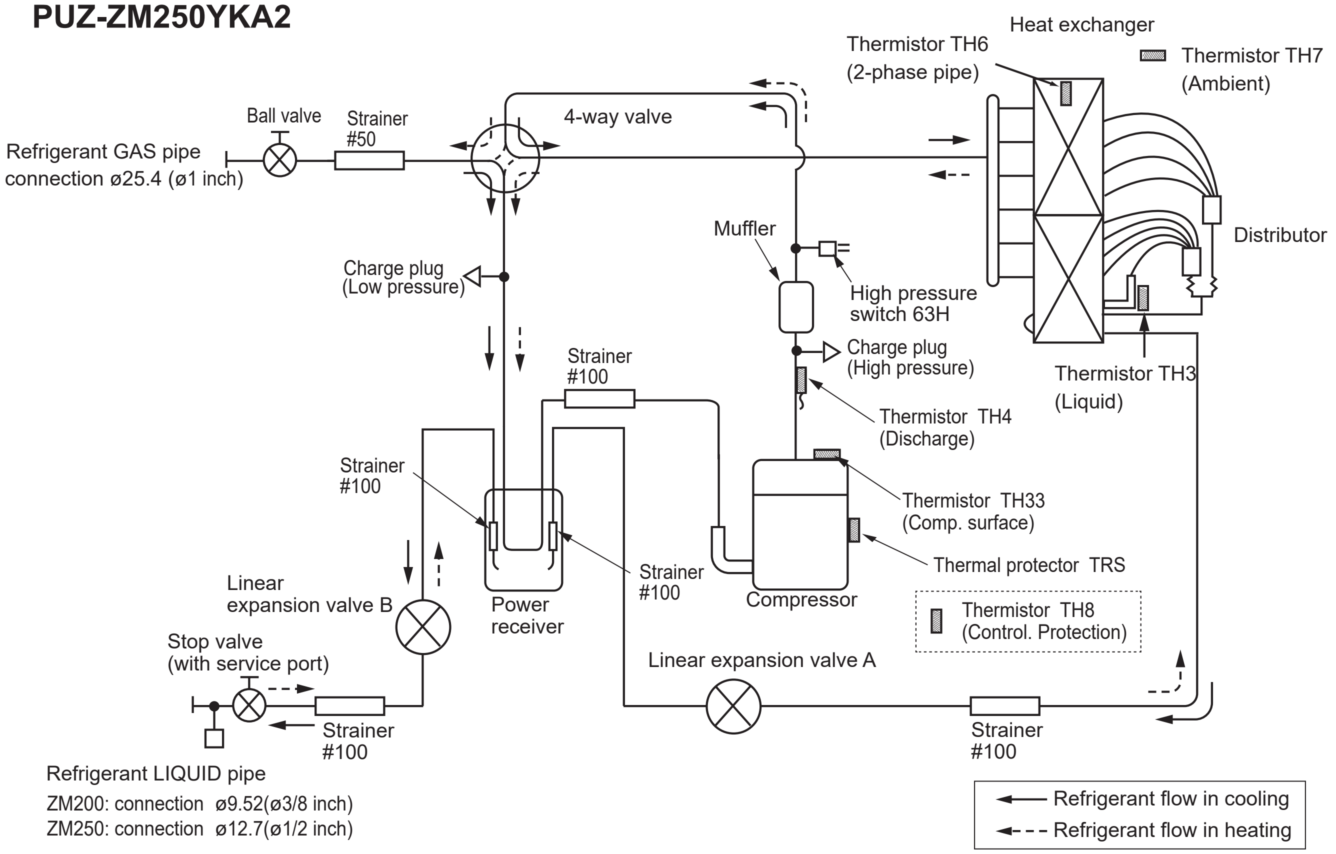
PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2

Unit: mm



PUZ-ZM200YKA2
PUZ-ZM250YKA2

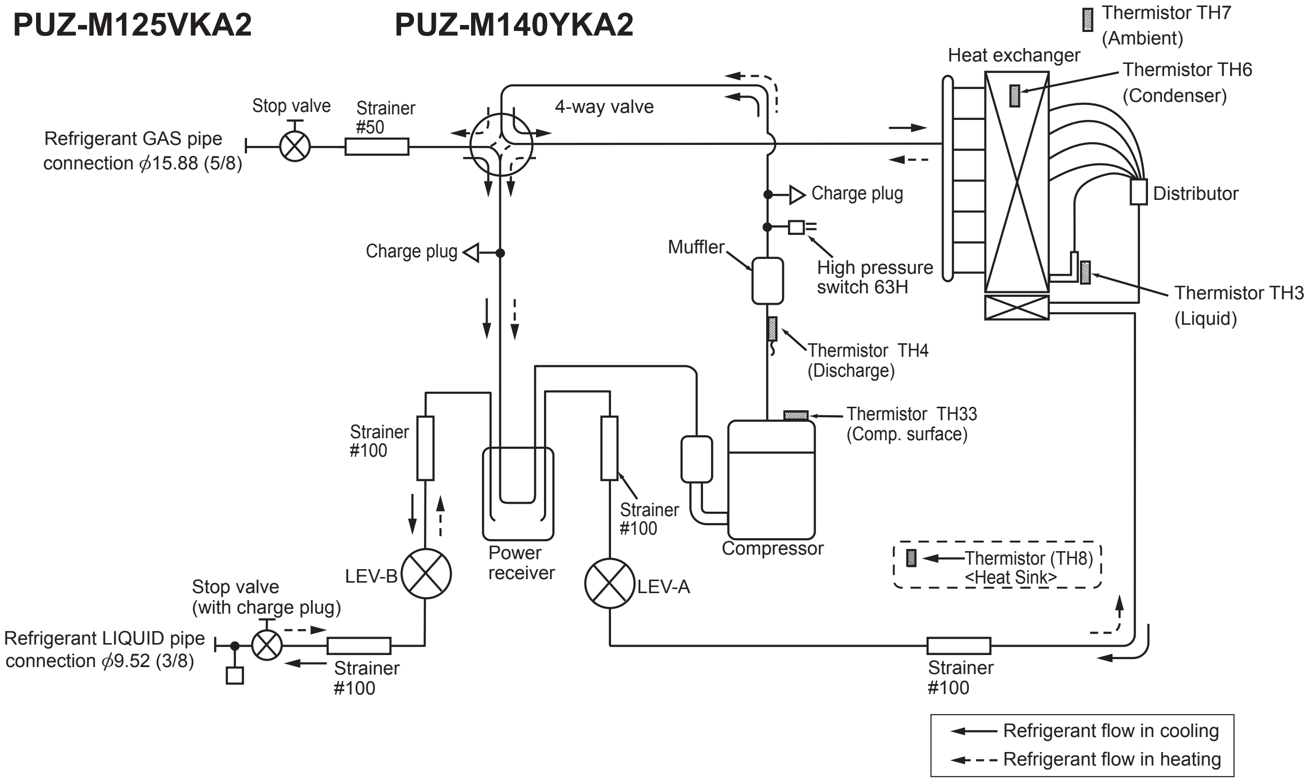
Unit: mm



2. PUZ-M•KA2

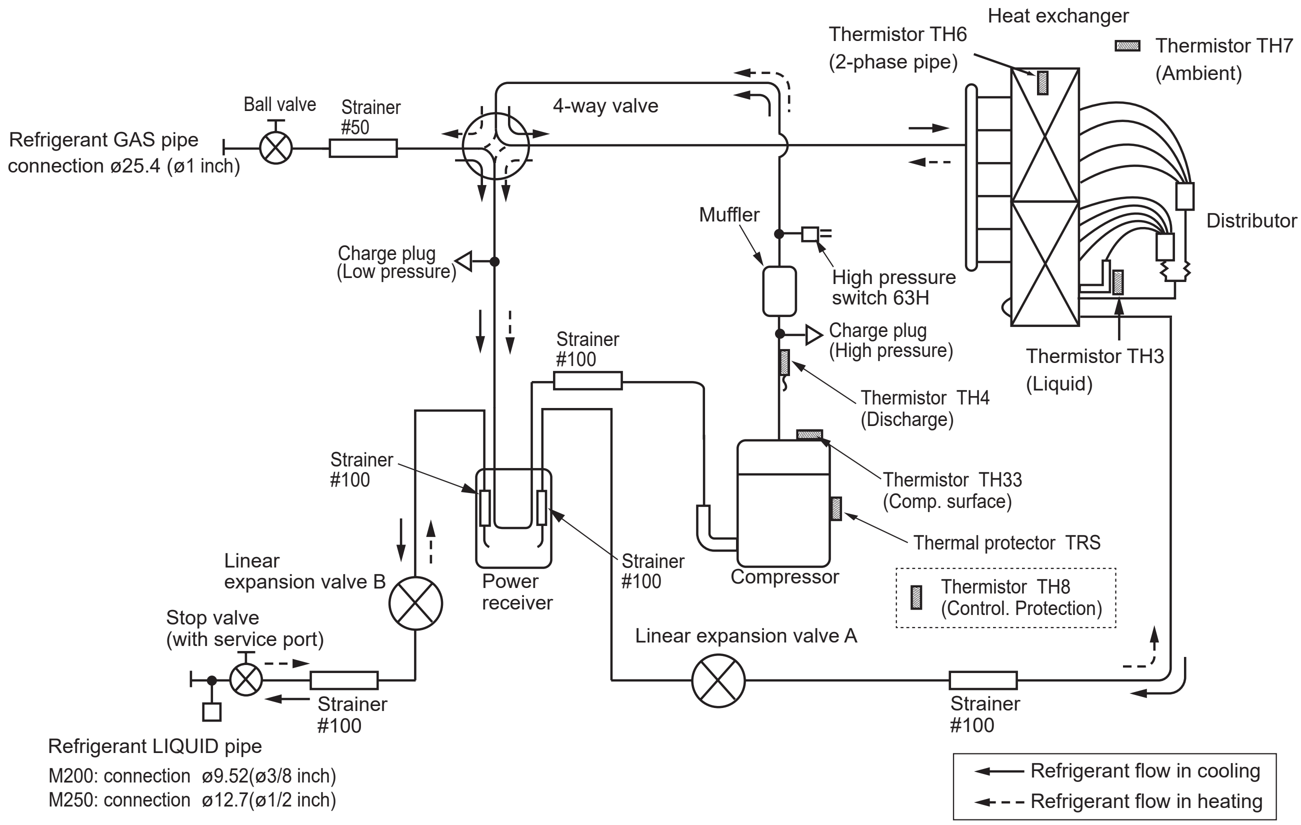
PUZ-M100VKA2
PUZ-M100YKA2
PUZ-M125VKA2
PUZ-M125YKA2
PUZ-M140VKA2
PUZ-M140YKA2

Unit: mm



PUZ-M200YKA2
PUZ-M250YKA2

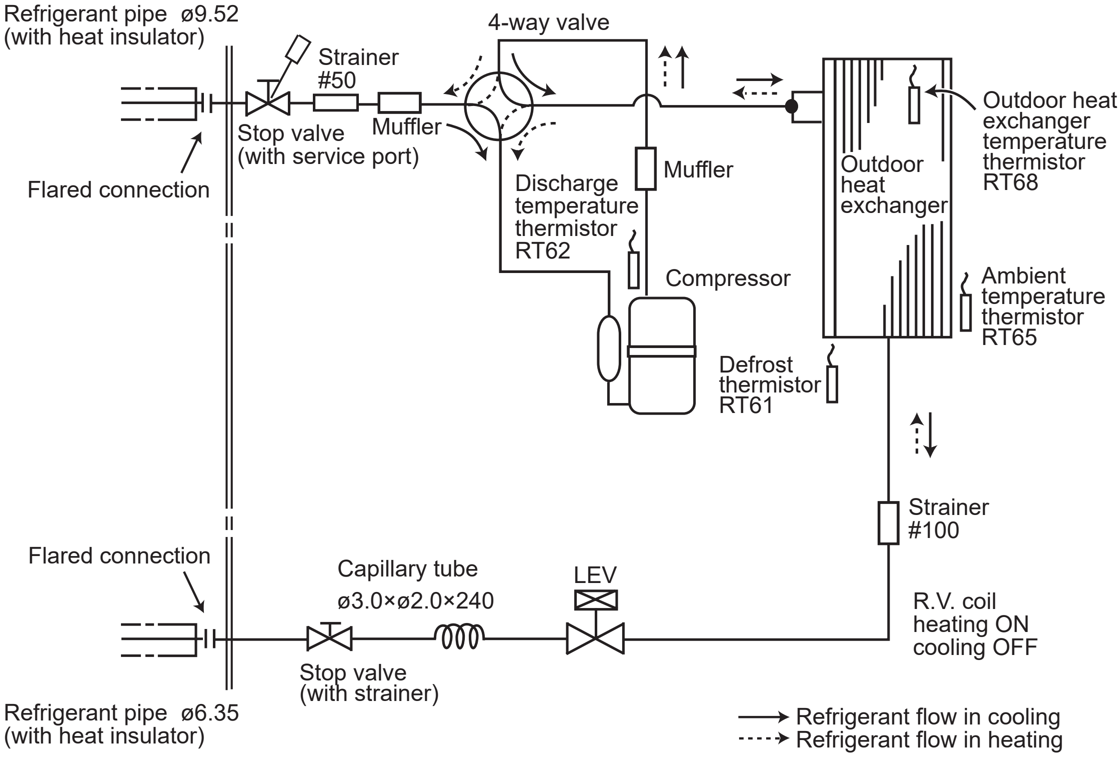
Unit: mm



3. SUZ-SM•VA

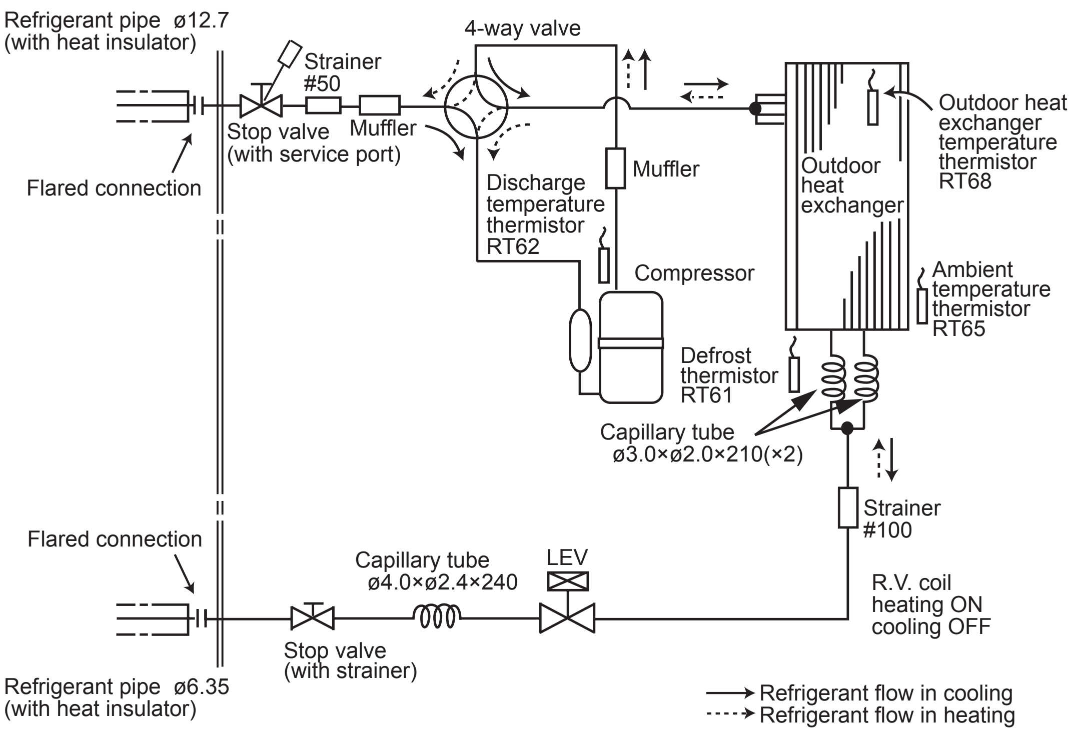
SUZ-SM35VA

Unit: mm



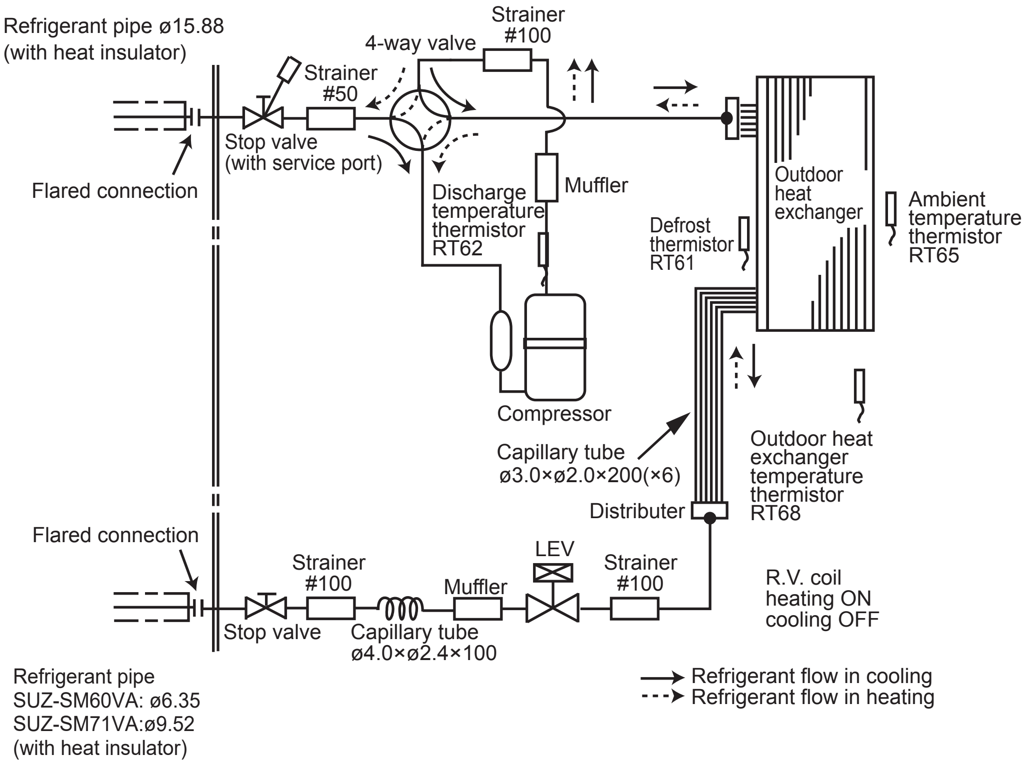
SUZ-SM50VA

Unit: mm



SUZ-SM60VA
SUZ-SM71VA

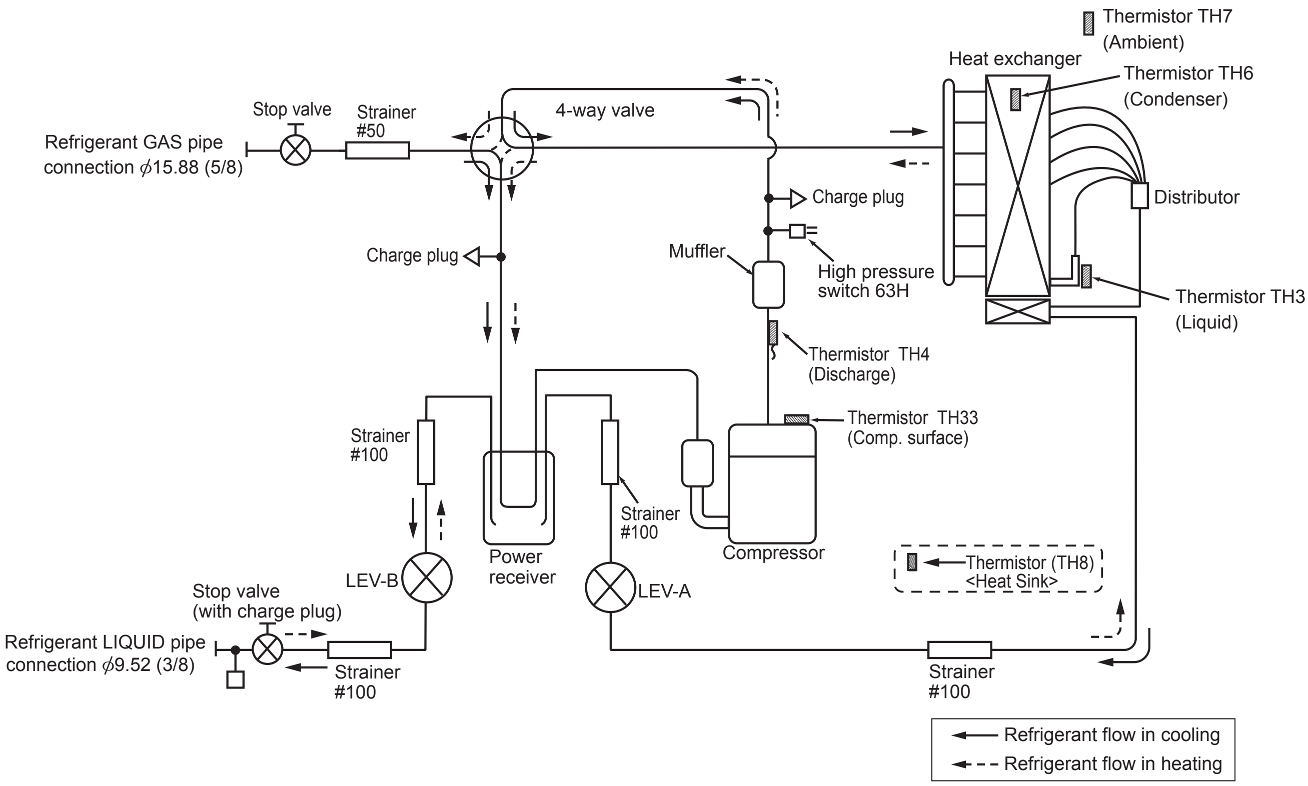
Unit: mm



4. PUZ-SM•KA2

Unit: mm

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

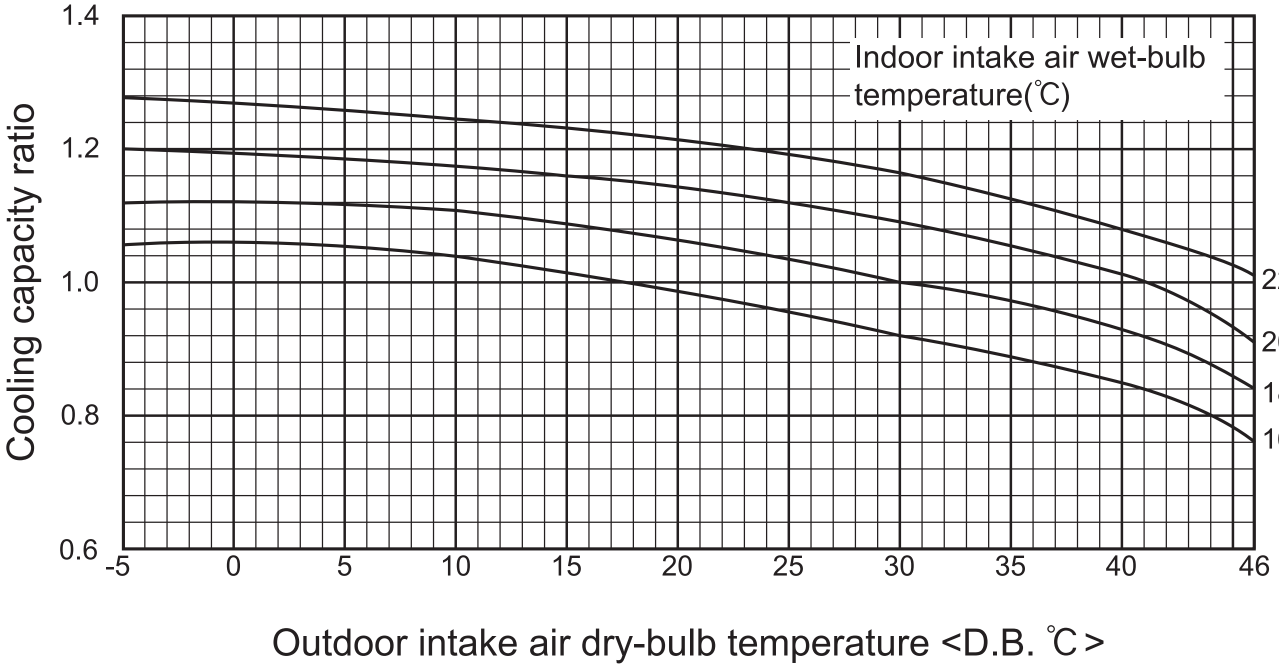


A.8.4 PERFORMANCE CURVES

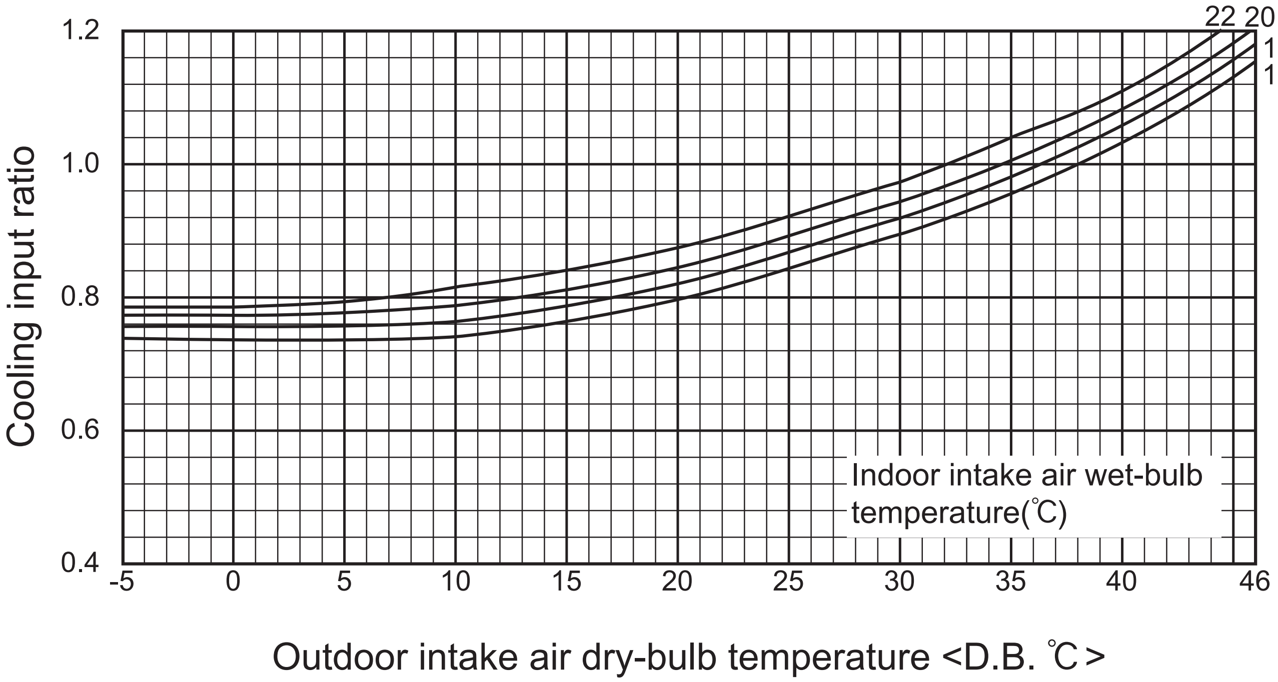
1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]

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

Cooling capacity



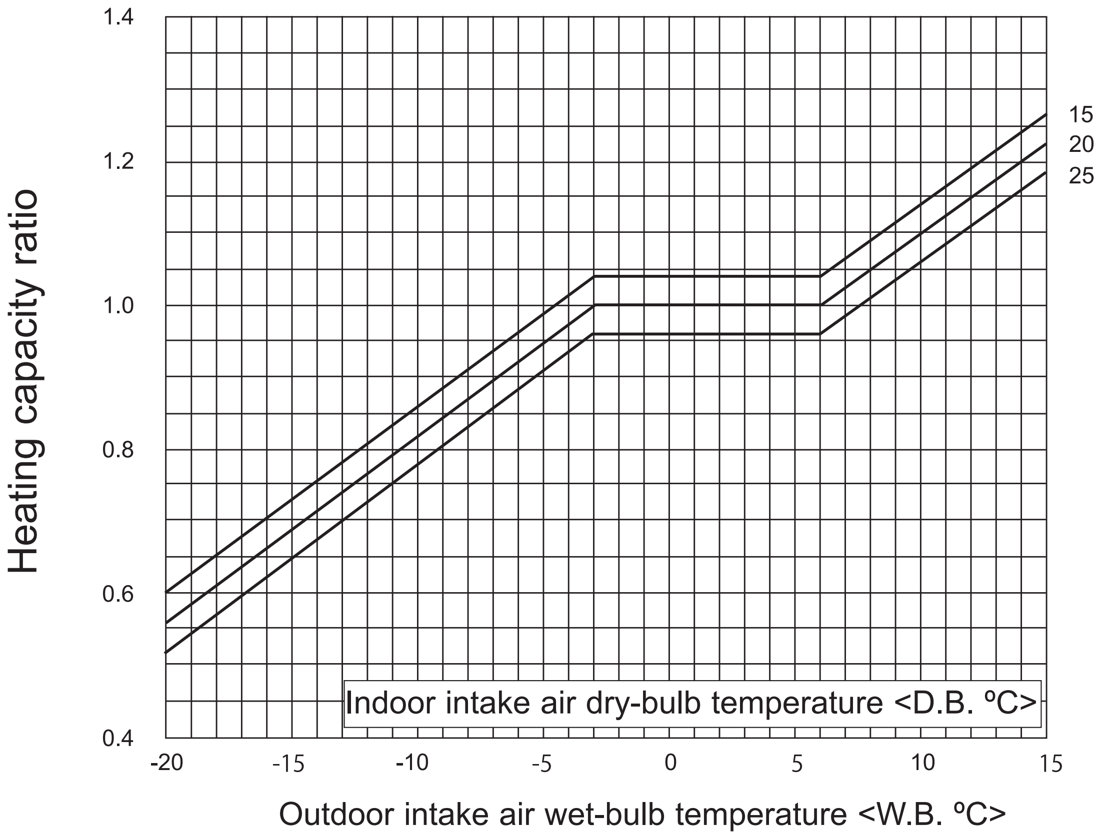
Cooling input



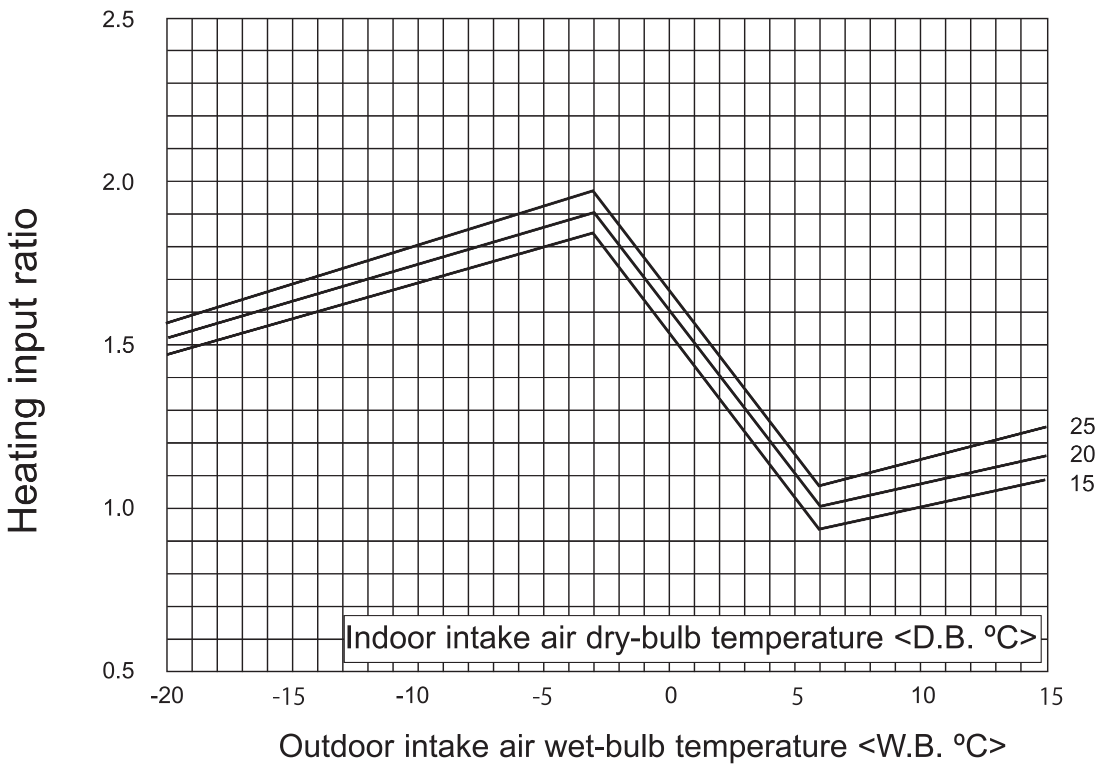
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

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

Heating capacity



Heating input



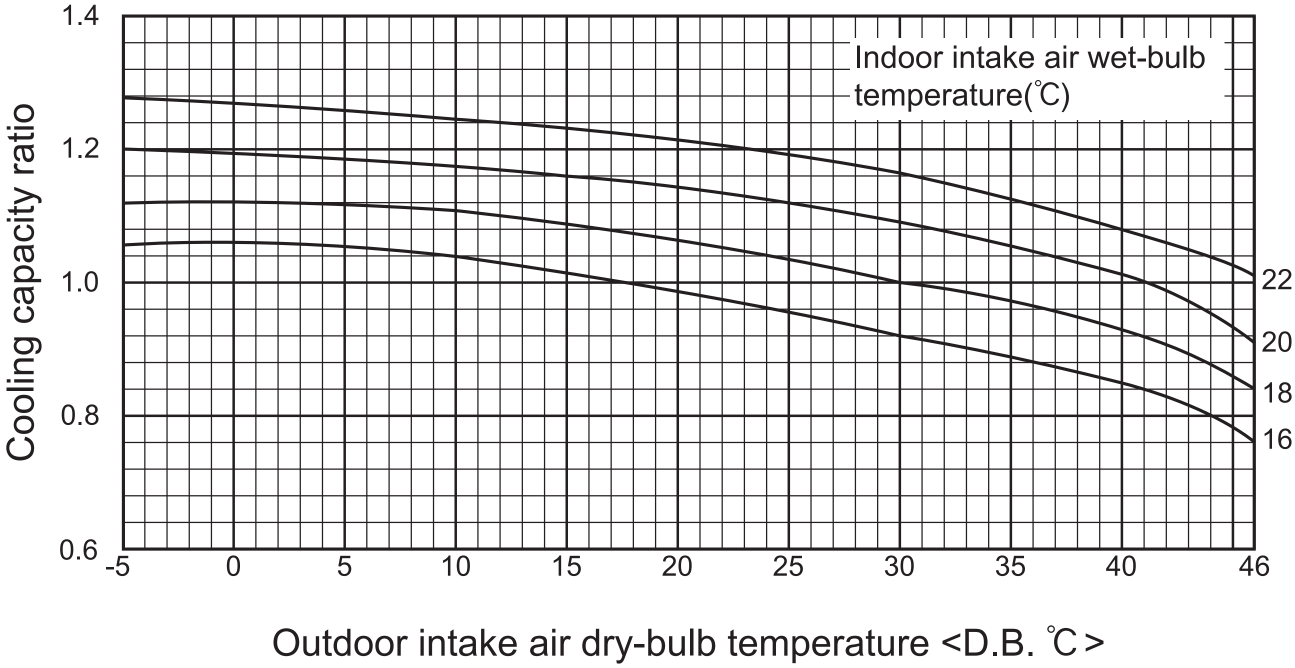
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M125VKA2
PUZ-M140VKA2

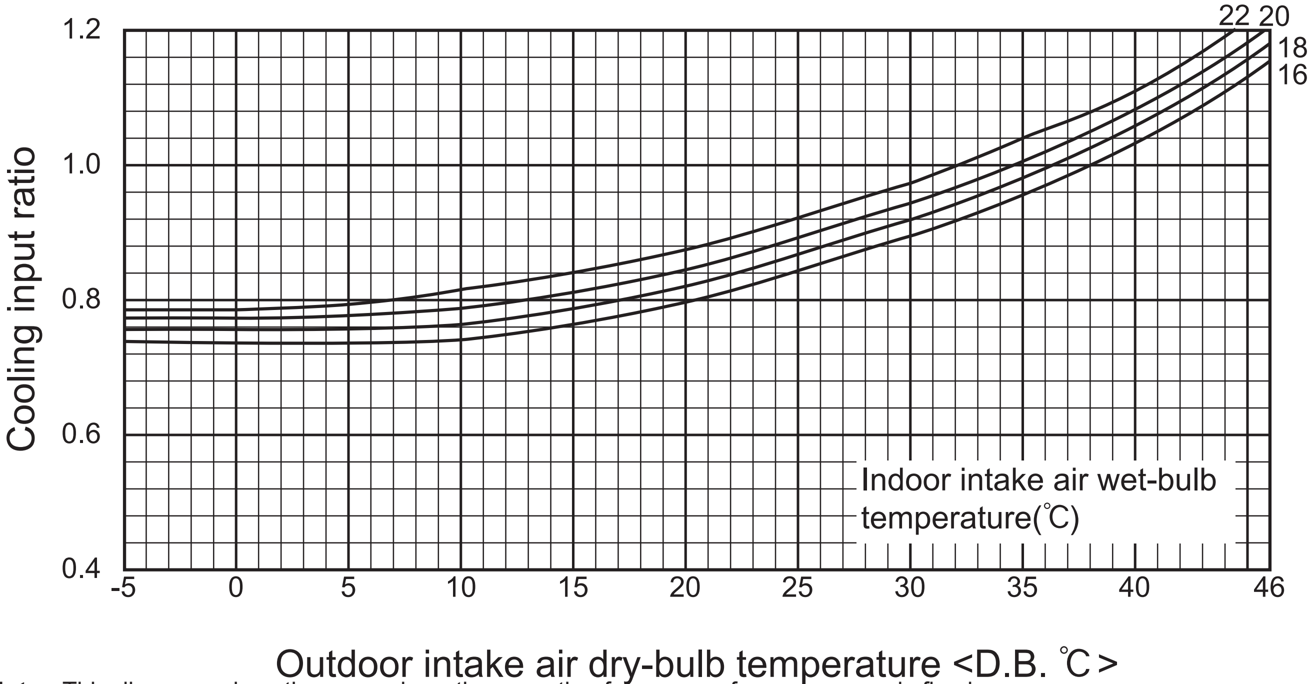
PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

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

Cooling capacity



Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

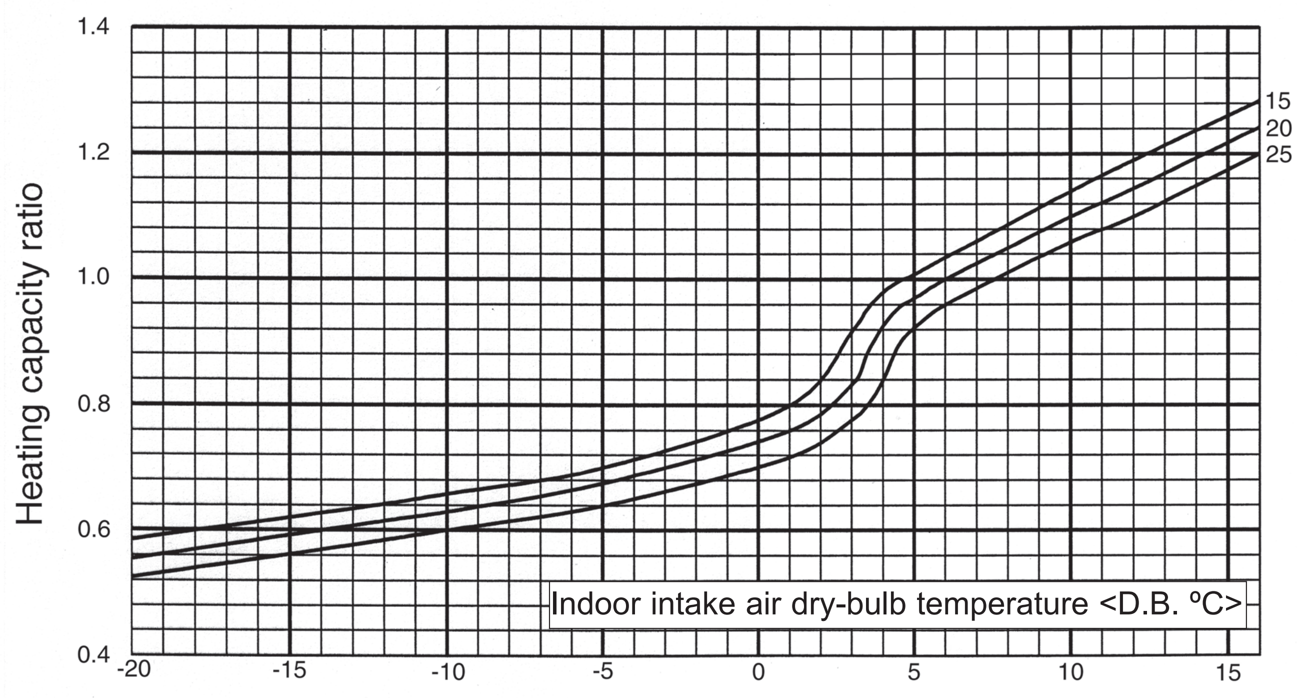
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M125VKA2
PUZ-M140VKA2

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

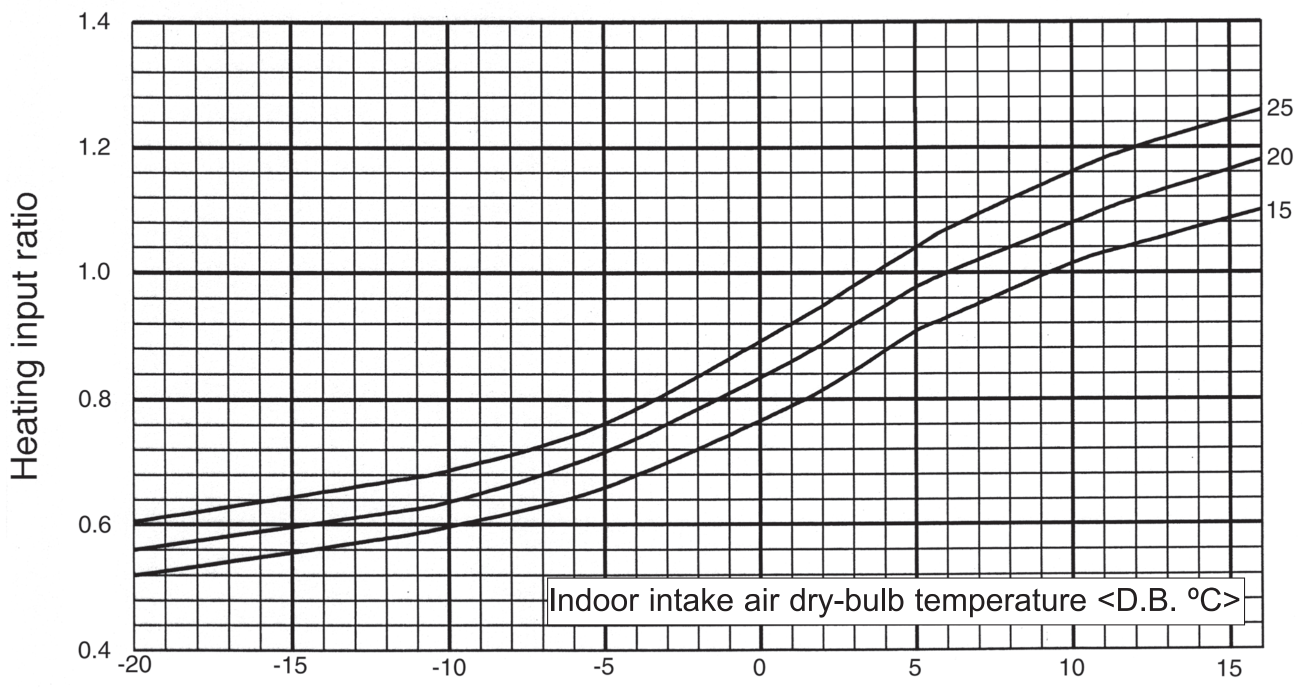
PUZ-SM100VKA2
PUZ-SM125VKA2
PUZ-SM140VKA2
PUZ-SM100YKA2
PUZ-SM125YKA2
PUZ-SM140YKA2

Heating capacity



Outdoor intake air wet-bulb temperature <W.B. ºC>

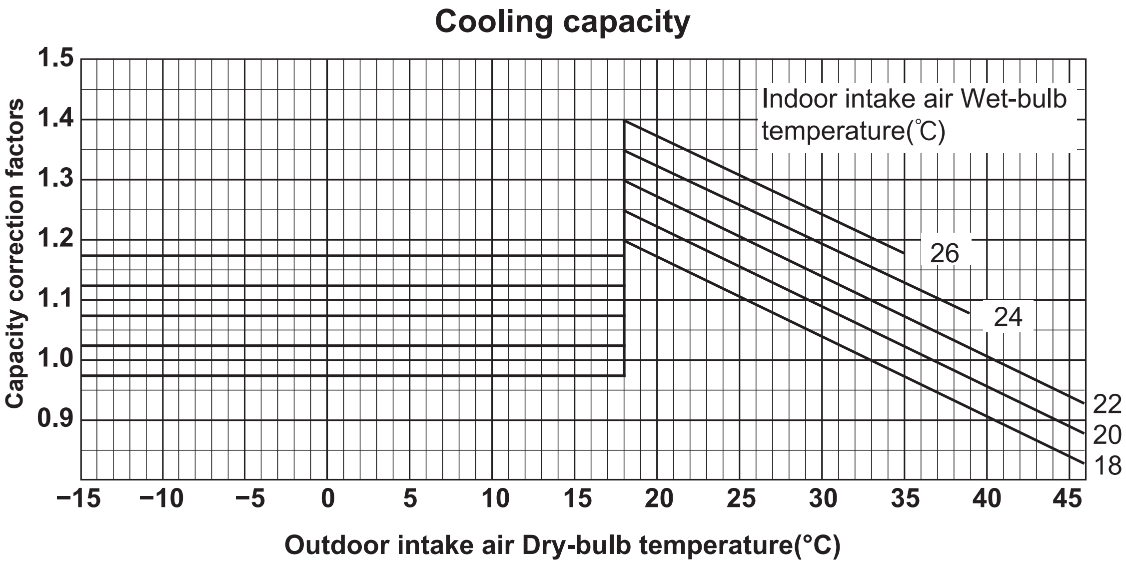
Heating input

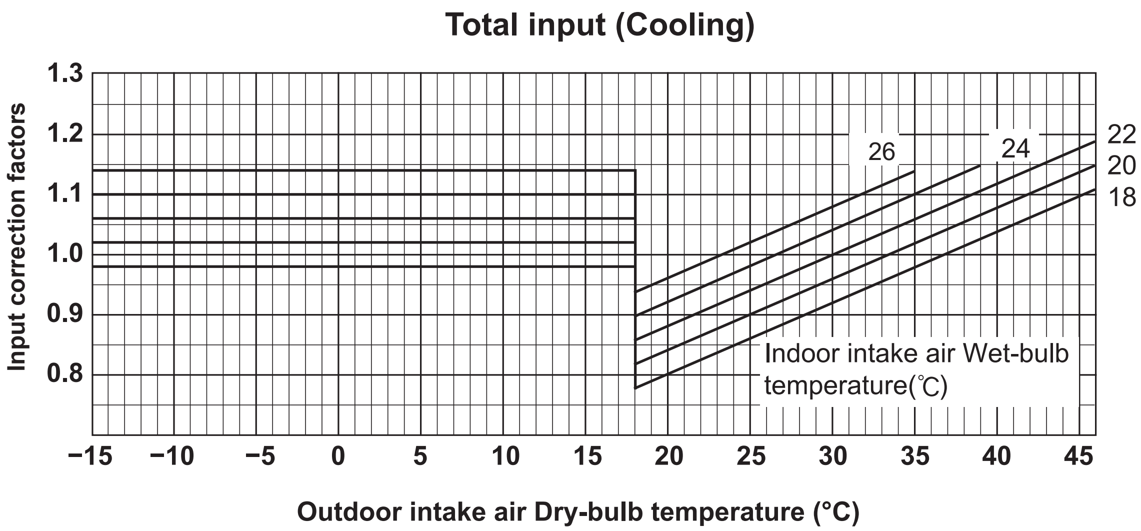


Outdoor intake air wet-bulb temperature <W.B. ºC>

Note : This diagrams show the case where the operation frequency of a compressor is fixed.

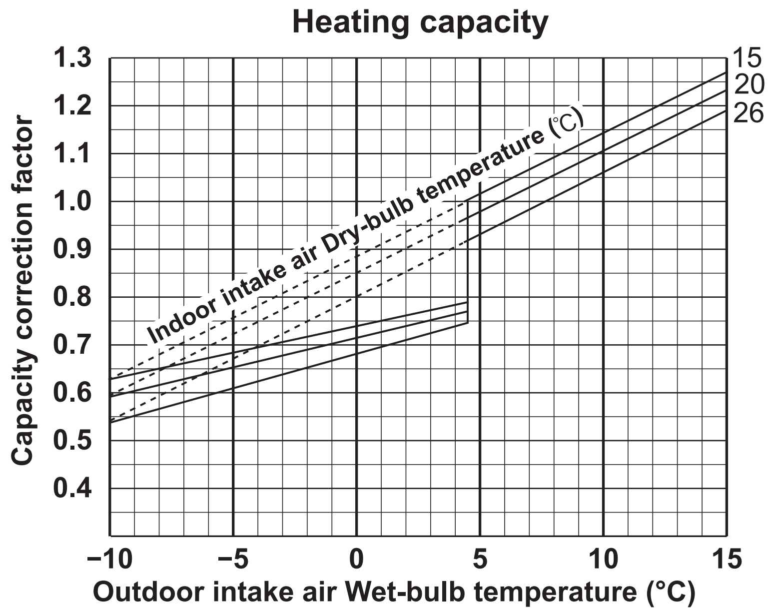
FOR THE COMBINATION OF OUTDOOR UNIT
SUZ-SM35VA SUZ-SM50VA SUZ-SM60VA SUZ-SM71VA

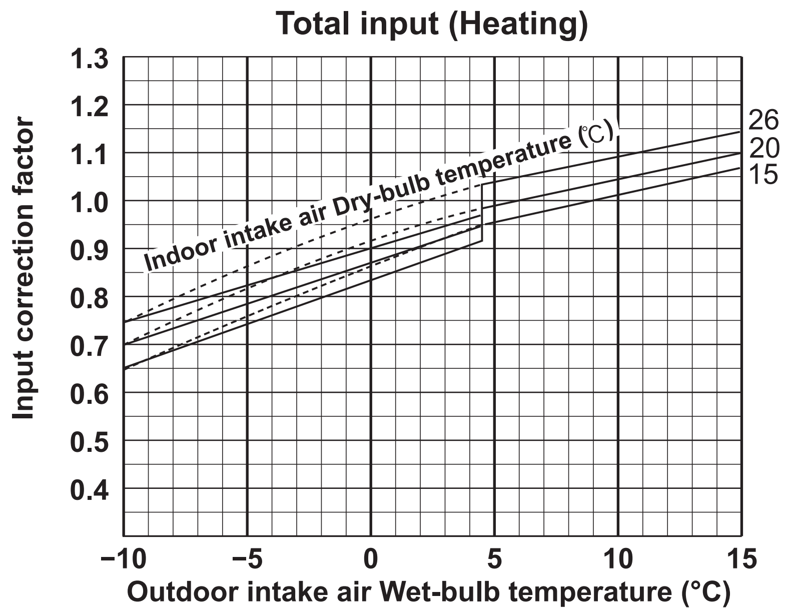




Lower limit of guaranteed operating range in cooling
SUZ-SM35VA : -10℃
SUZ-SM50, 60, 71VA: -15℃

FOR THE COMBINATION OF OUTDOOR UNIT
SUZ-SM35VA SUZ-SM50VA SUZ-SM60VA SUZ-SM71VA

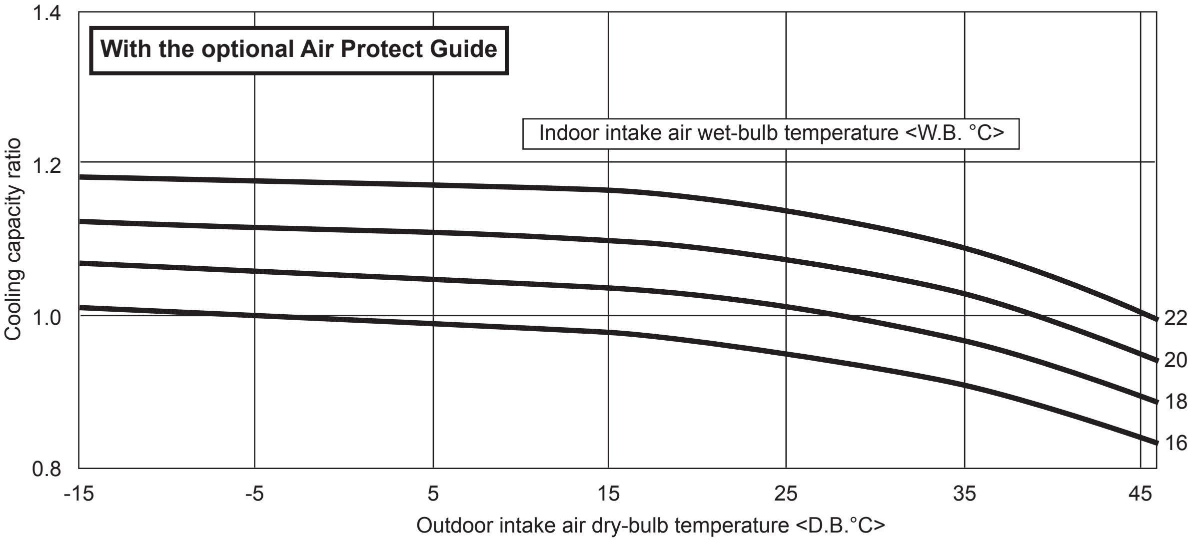




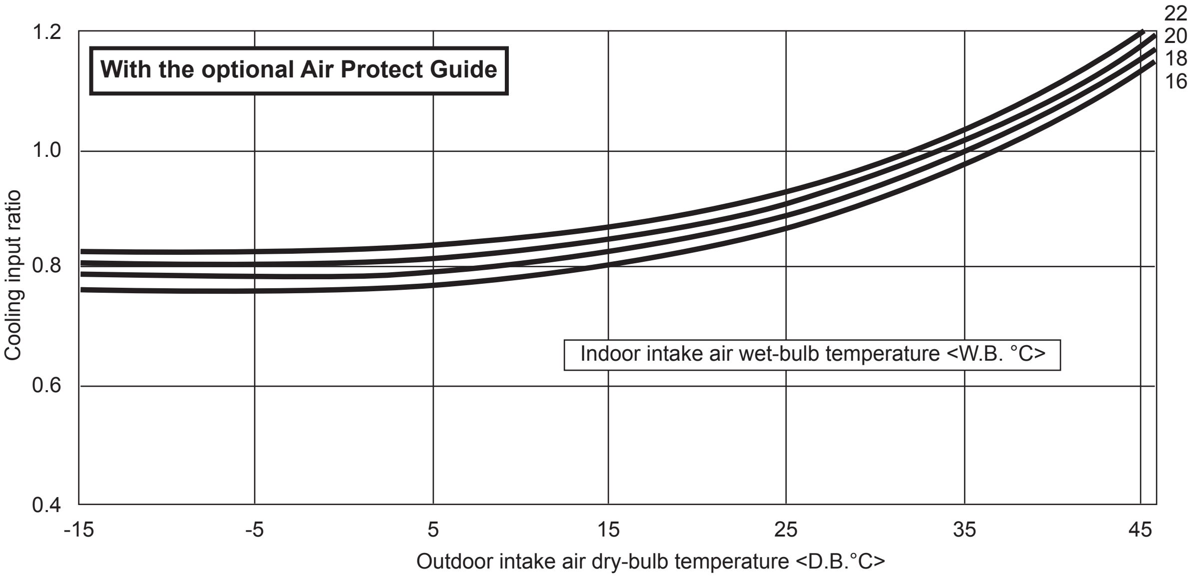
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



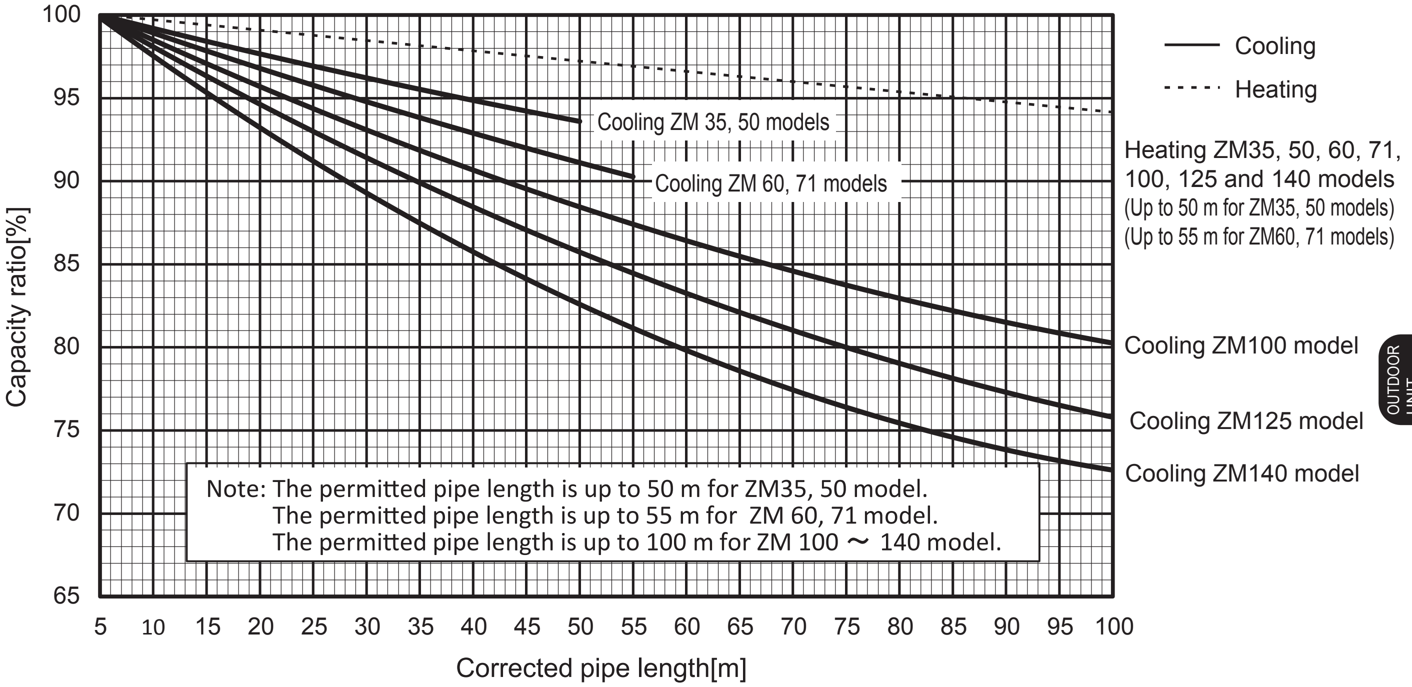
Cooling input



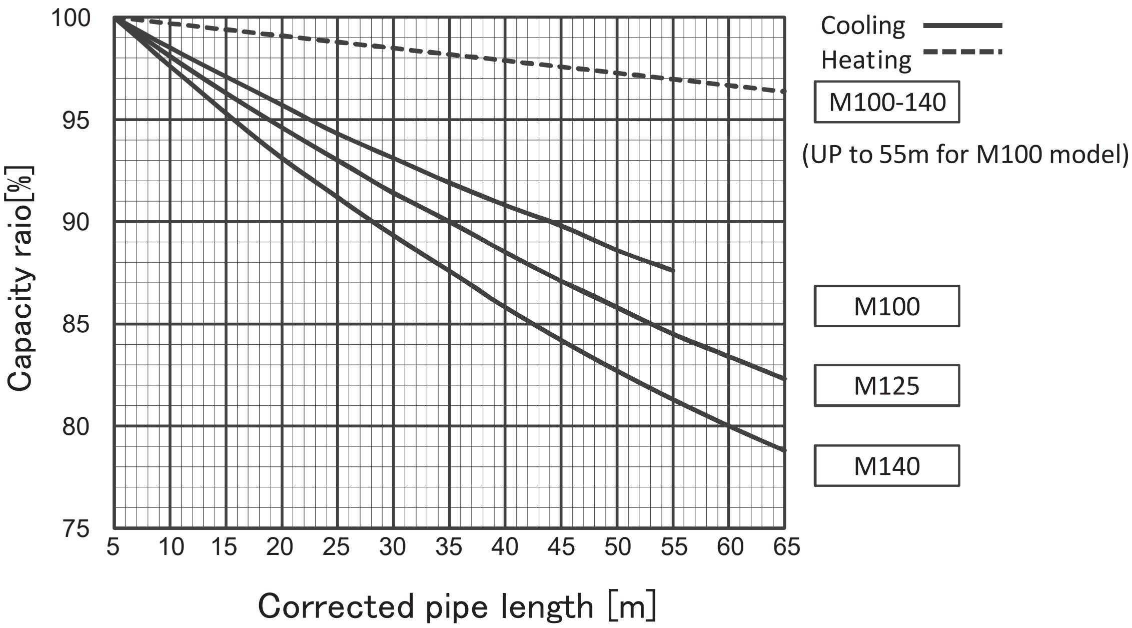
Applicable Models	Optional parts name	Optional parts No.	See page
PUZ-ZM35, 50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	D2-234
PUZ-ZM60, 71		PAC-SH63AG-E	D2-236
PUZ-ZM100, 125, 140, 200, 250 PUZ-M100, 125, 140, 200, 250 PUZ-SM100, 125, 140		PAC-SH95AG-E	D2-239

3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

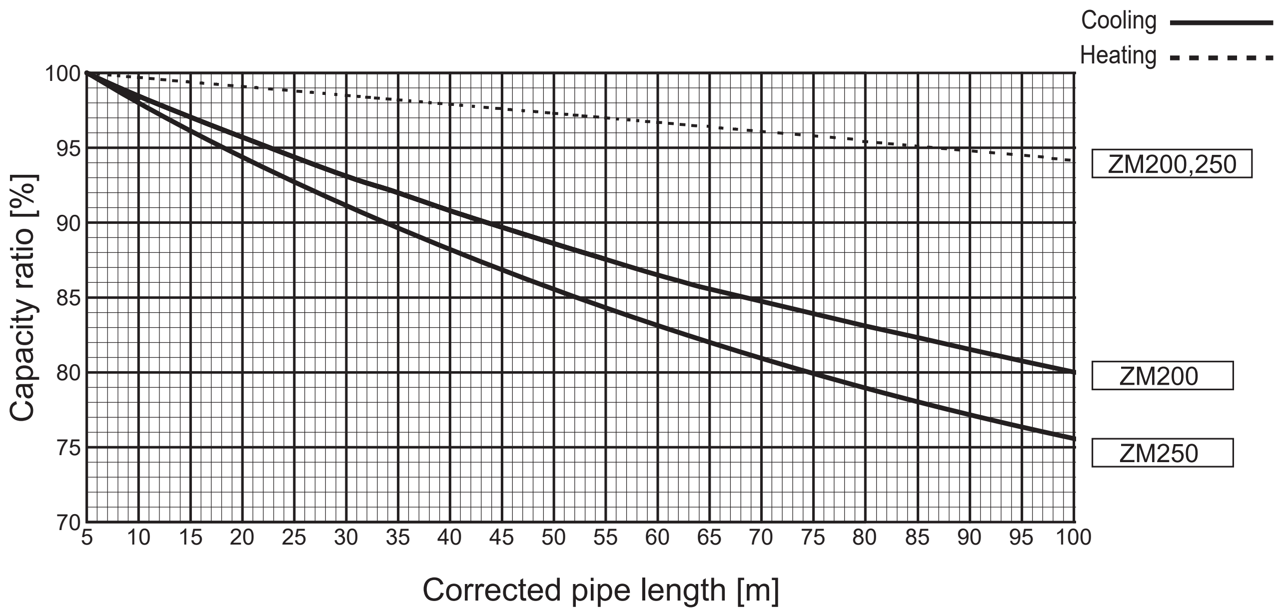
PUZ-ZM35VKA2 PUZ-ZM100VKA2 PUZ-ZM140VKA2
PUZ-ZM50VKA2 PUZ-ZM100YKA2 PUZ-ZM140YKA2
PUZ-ZM60VHA2 PUZ-ZM125VKA2
PUZ-ZM71VHA2 PUZ-ZM125YKA2



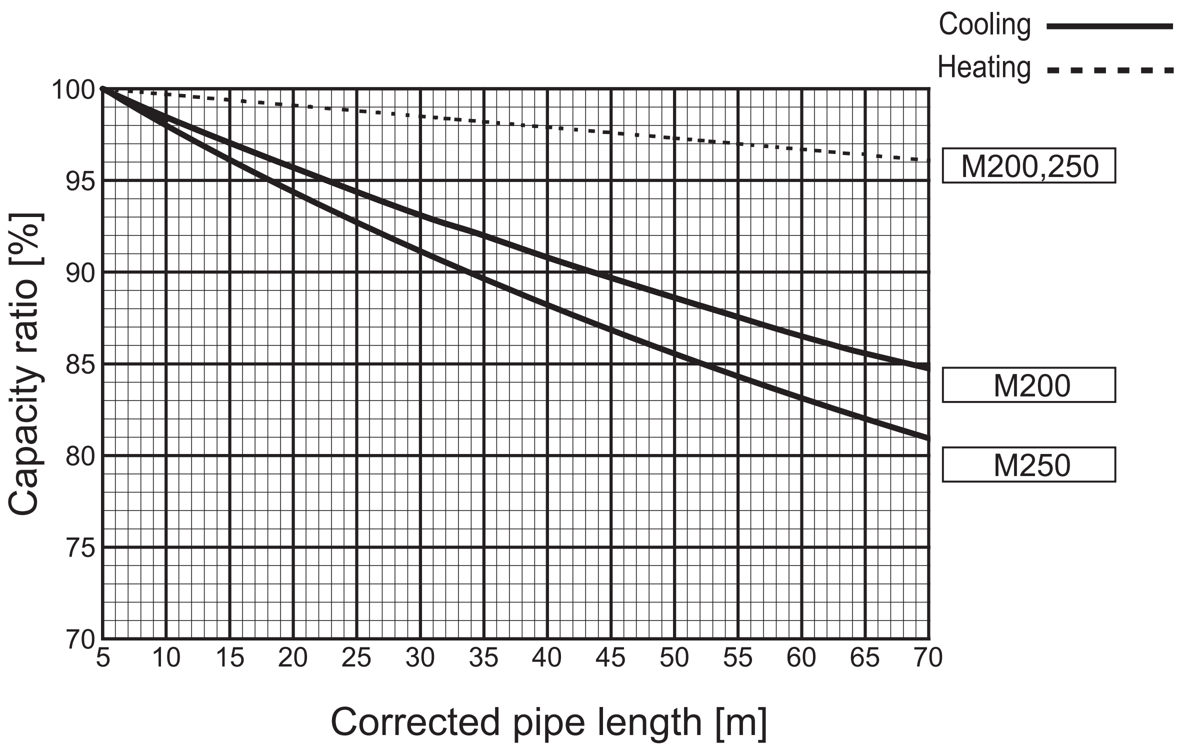
PUZ-M100VKA2 PUZ-M140VKA2
PUZ-M100YKA2 PUZ-M140YKA2
PUZ-M125VKA2
PUZ-M125YKA2



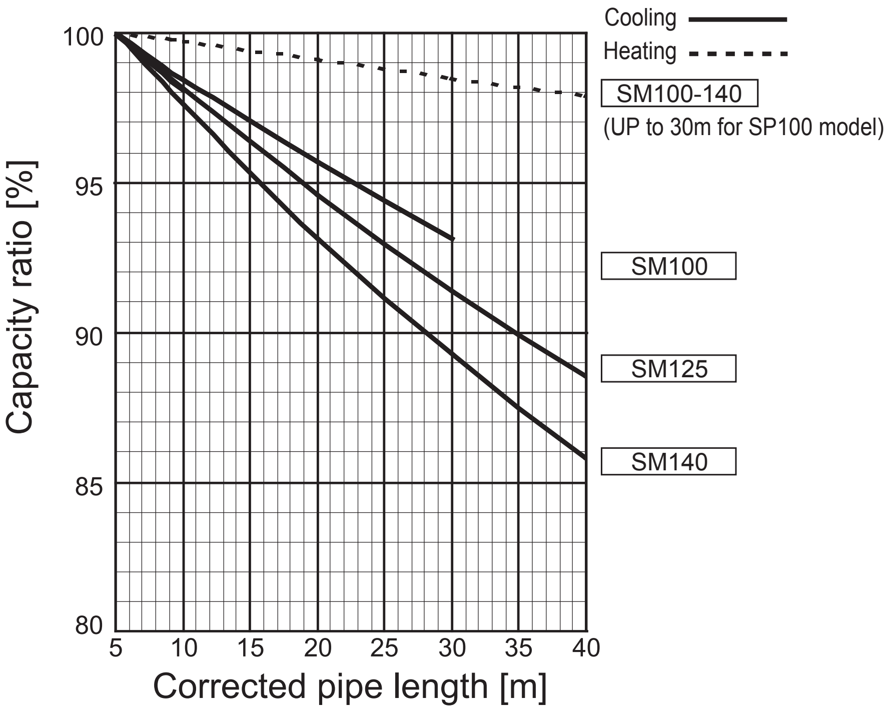
PUZ-ZM200YKA2
PUZ-ZM250YKA2



PUZ-M200YKA2
PUZ-M250YKA2

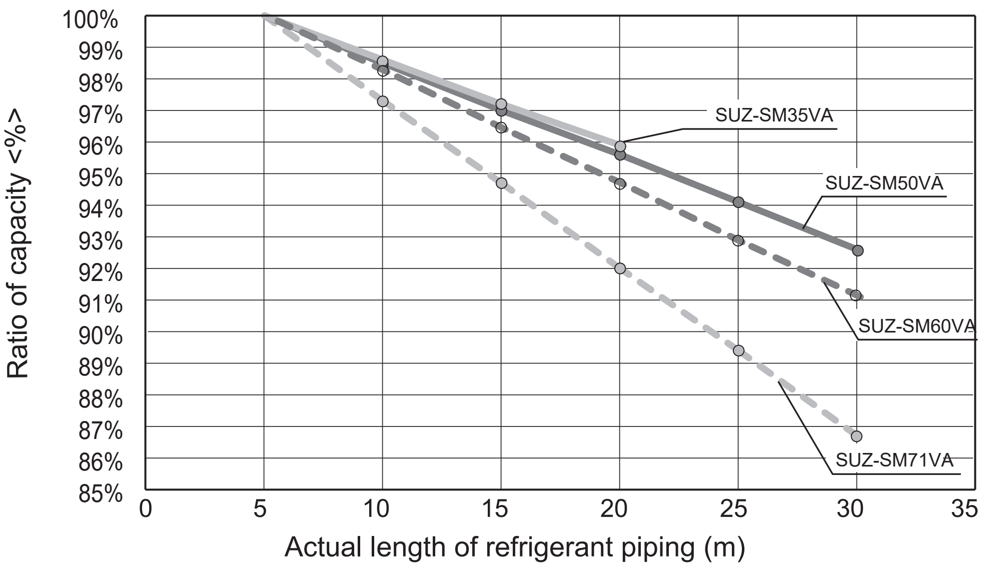


PUZ-SM100VKA2
PUZ-SM100YKA2
PUZ-SM125VKA2
PUZ-SM125YKA2
PUZ-SM140VKA2
PUZ-SM140YKA2

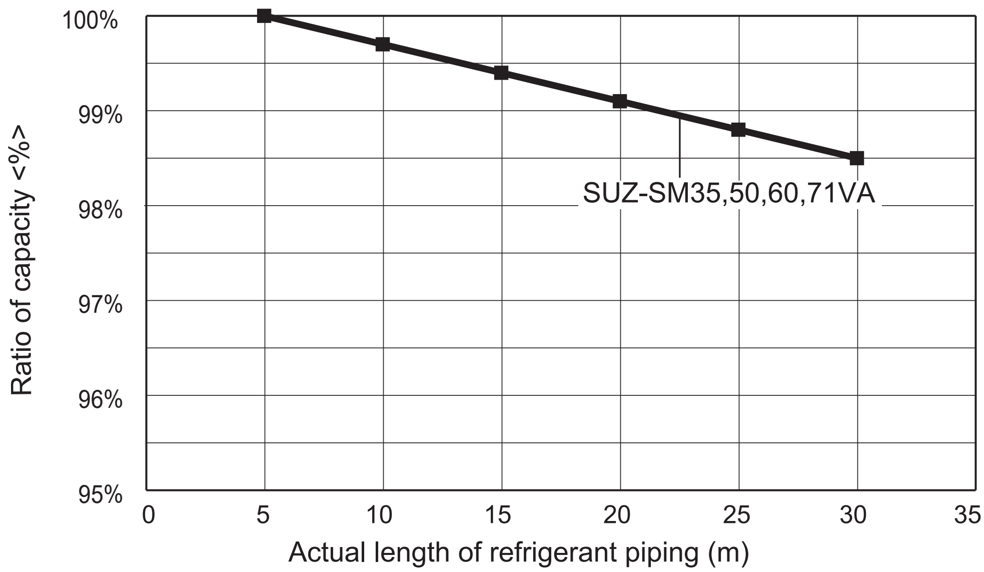


SUZ-SM35VA
SUZ-SM50VA
SUZ-SM60VA
SUZ-SM71VA

Correction ratio of capacity according to the length of piping (cooling)

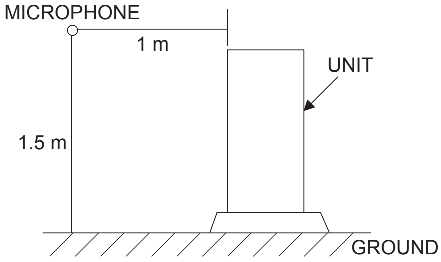


Correction ratio of capacity according to the length of piping (heating)



● **Up to 20m for SM35model.**

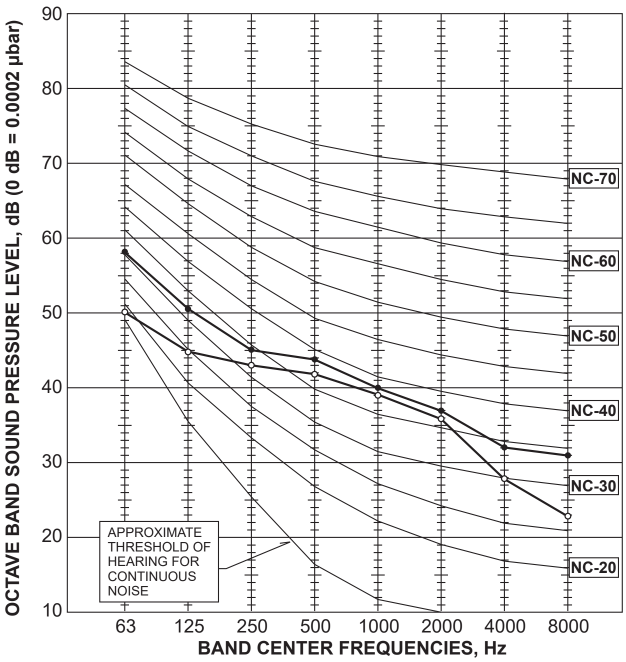
A.8.5 NOISE CRITERIA CURVES



<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.

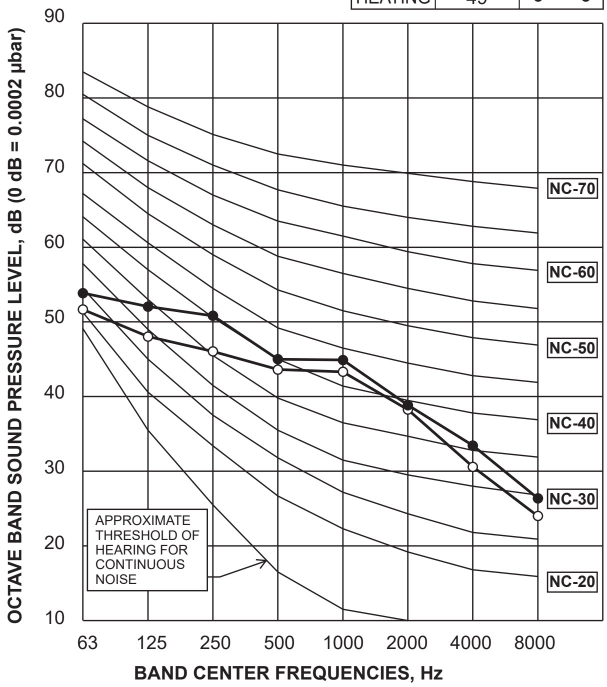
PUZ-ZM35VKA2
PUZ-ZM50VKA2

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



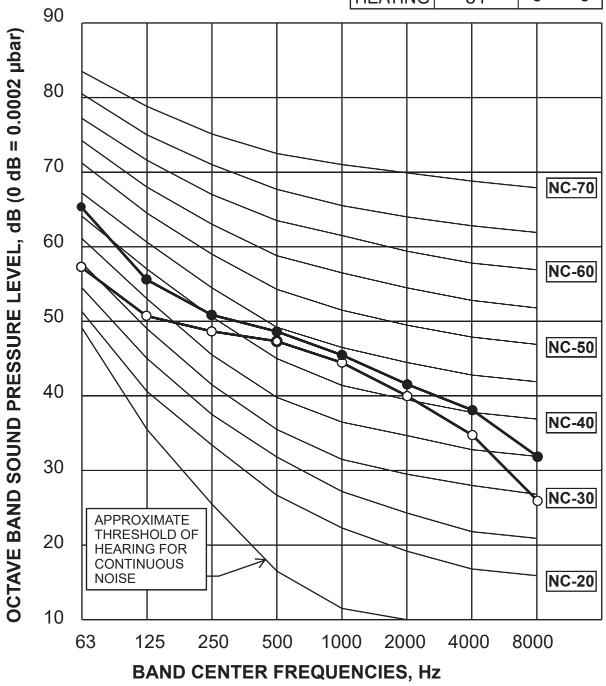
PUZ-ZM60VKA2
PUZ-ZM71VKA2

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	49	●—●



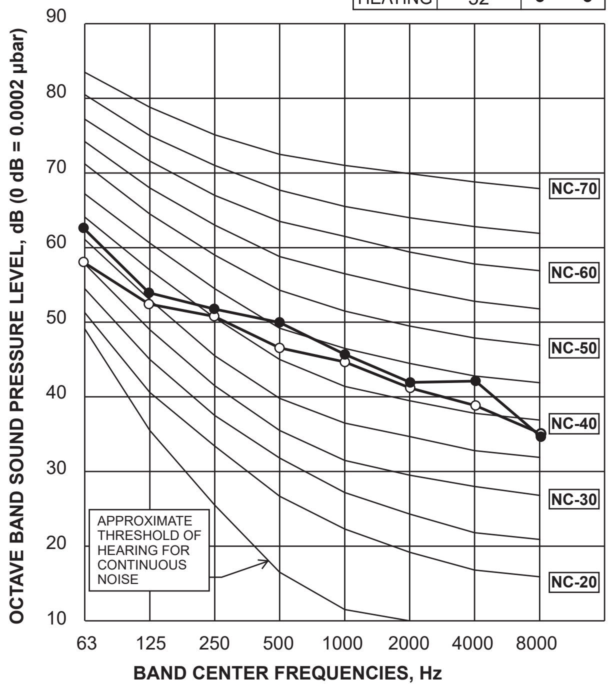
PUZ-ZM100VKA2
PUZ-ZM100VKA2

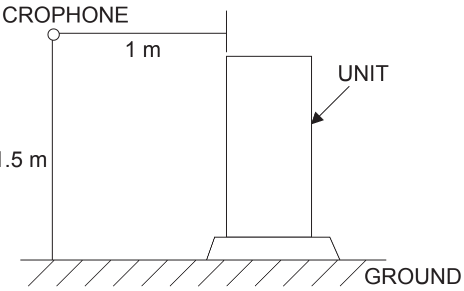
MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●



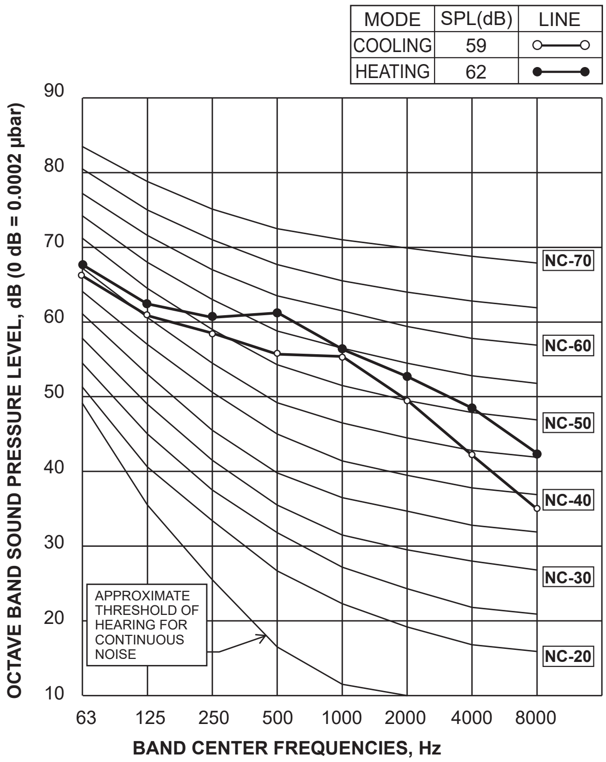
PUZ-ZM125VKA2
PUZ-ZM140VKA2
PUZ-ZM125VKA2
PUZ-ZM140VKA2

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●

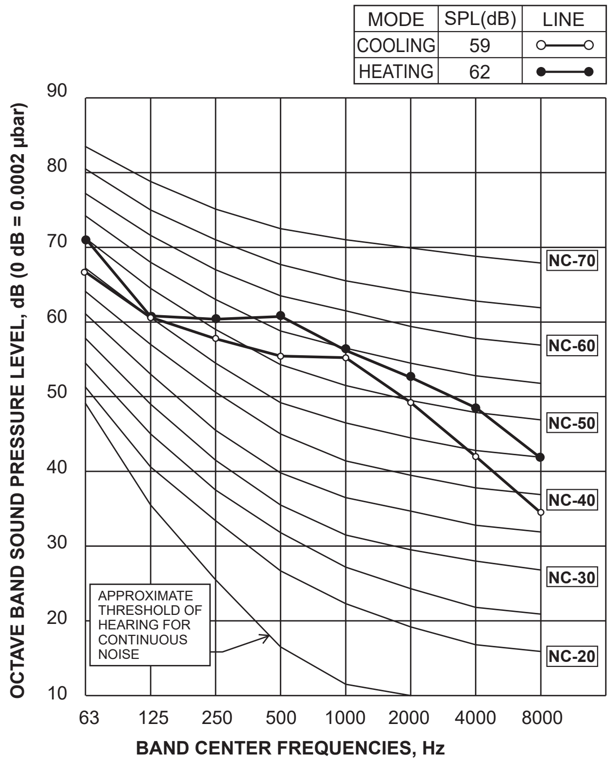


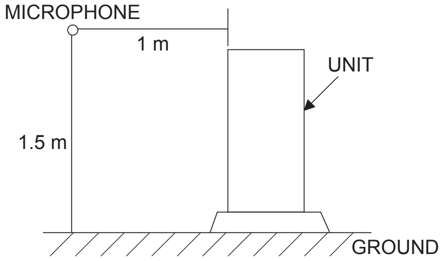


PUZ-ZM200YKA2



PUZ-ZM250YKA2

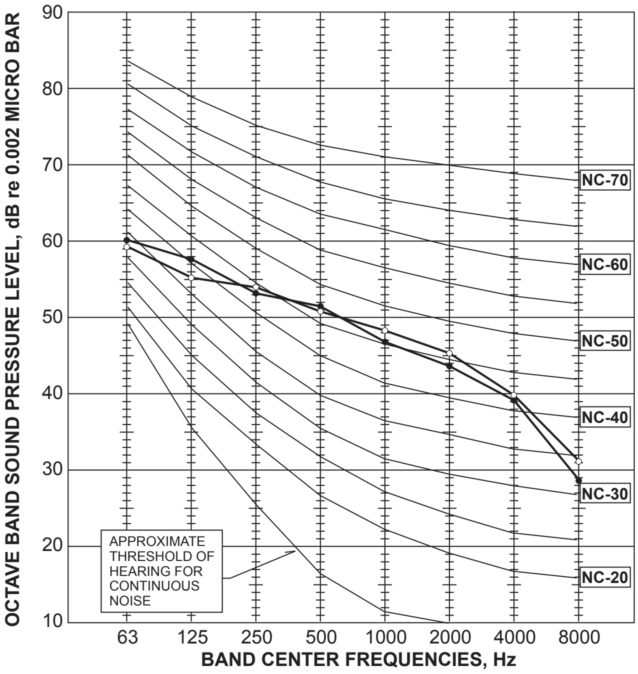




<Notes>
1) Sound data is taken when the system is running stably.
2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

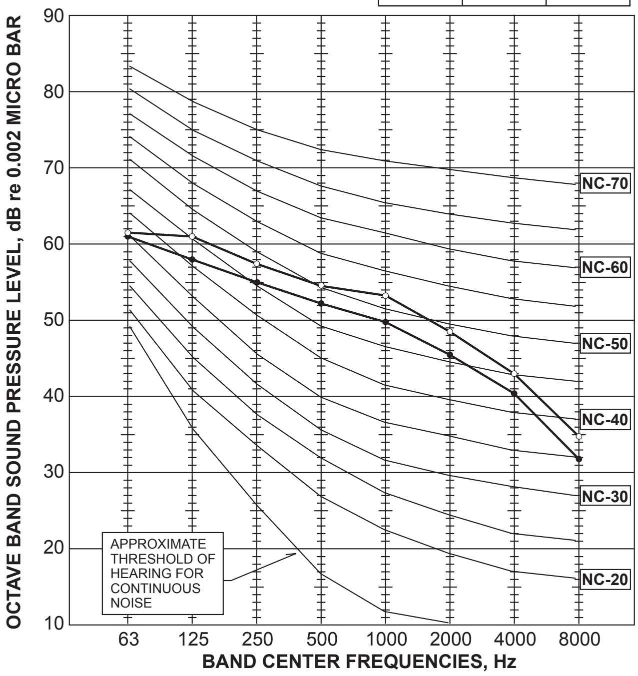
PUZ-M100VKA2
PUZ-M100YKA2

MODE	SPL(dB)	LINE
COOLING	51	●——●
HEATING	54	○——○



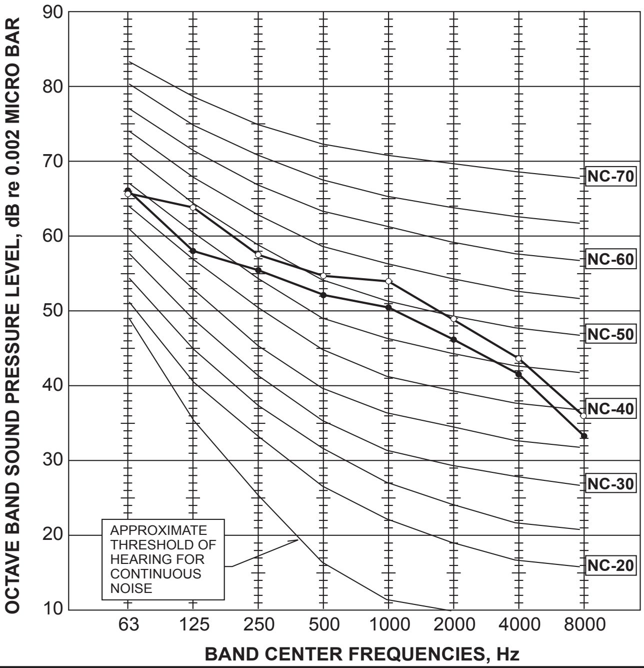
PUZ-M125VKA2
PUZ-M125YKA2

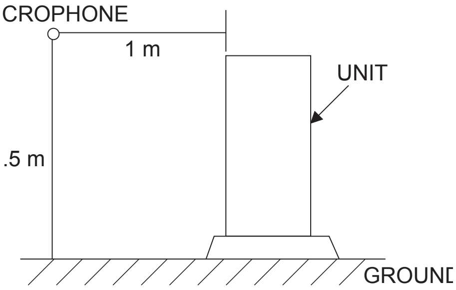
MODE	SPL(dB)	LINE
COOLING	54	●——●
HEATING	56	○——○



PUZ-M140VKA2
PUZ-M140YKA2

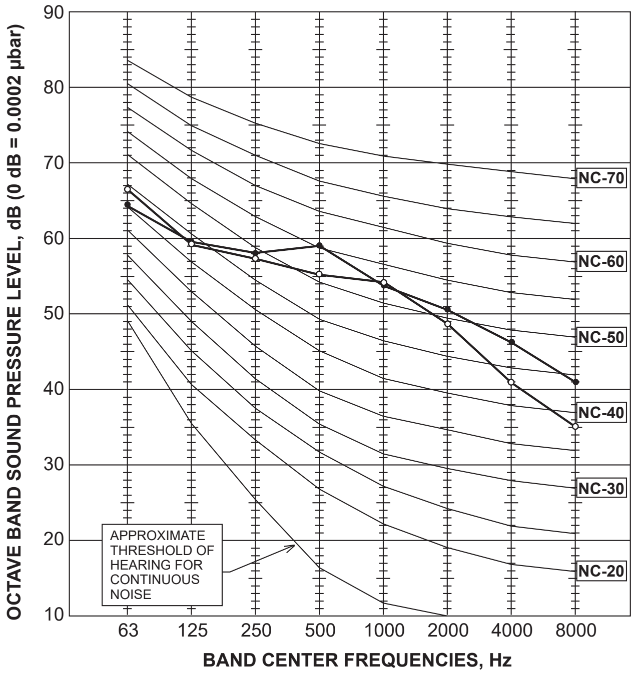
MODE	SPL(dB)	LINE
COOLING	55	●——●
HEATING	57	○——○





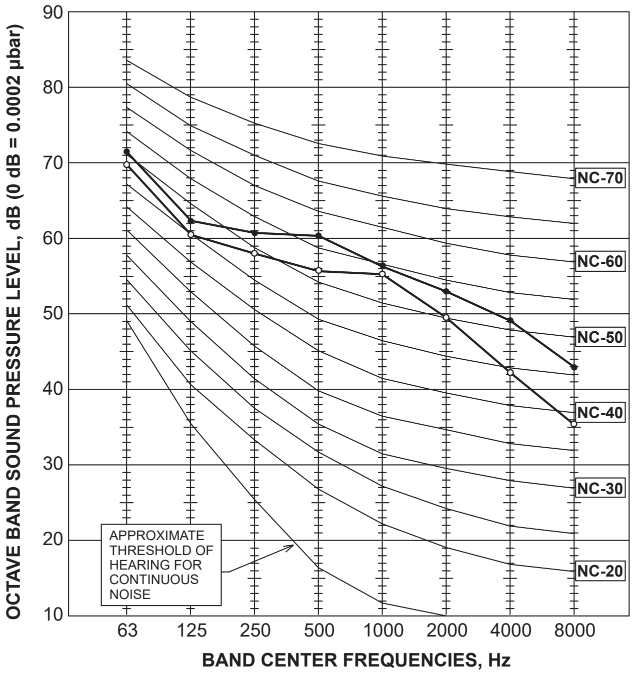
PUZ-M200YKA2

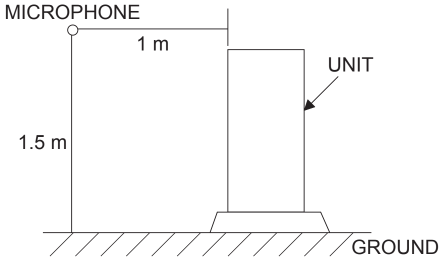
MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●



PUZ-M250YKA2

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●

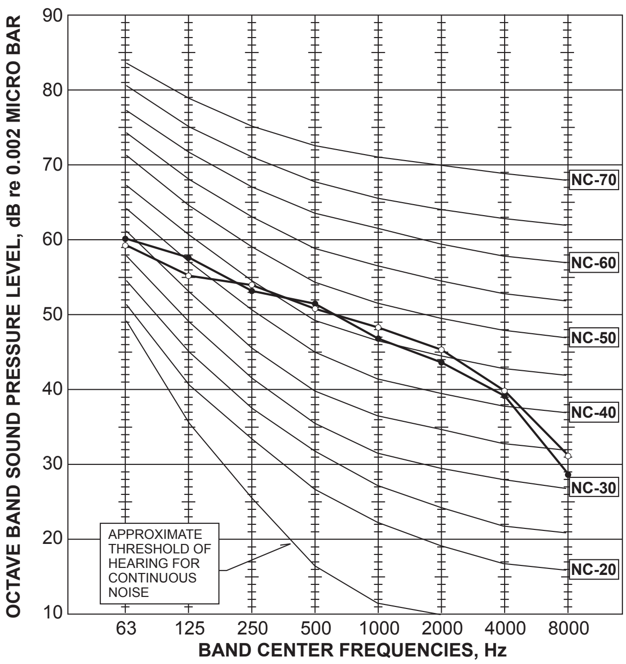




<Notes>
1) Sound data is taken when the system is running stably.
2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

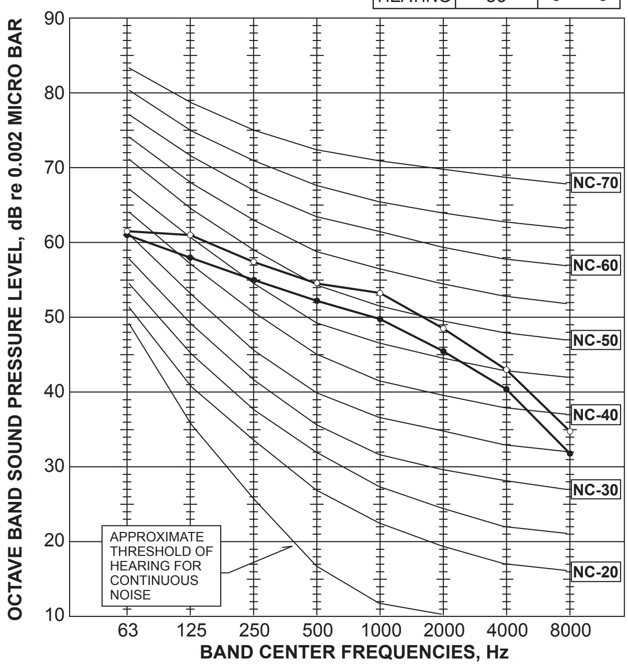
PUZ-SM100VKA2
PUZ-SM100YKA2

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



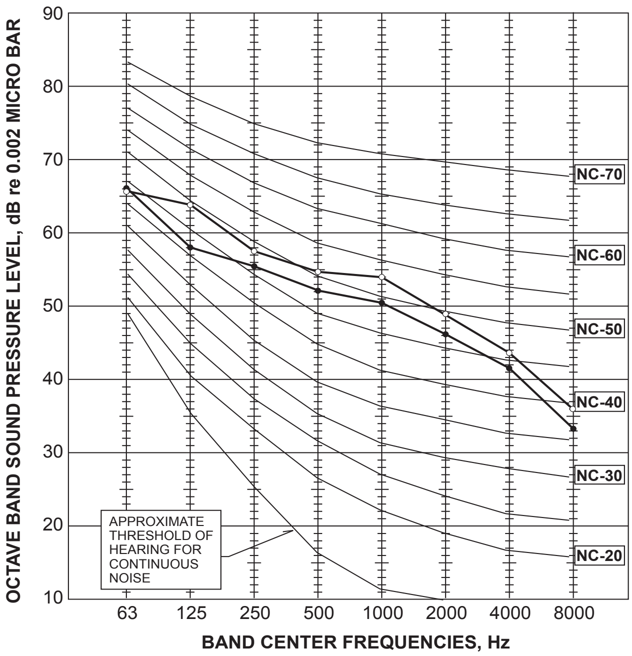
PUZ-SM125VKA2
PUZ-SM125YKA2

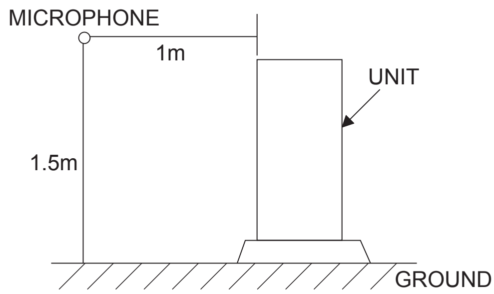
MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○

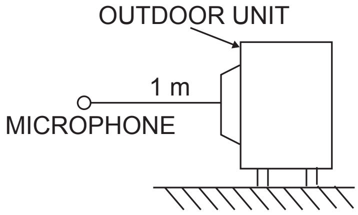


PUZ-SM140VKA2
PUZ-SM140YKA2

MODE	SPL(dB)	LINE
COOLING	55	●—●
HEATING	57	○—○

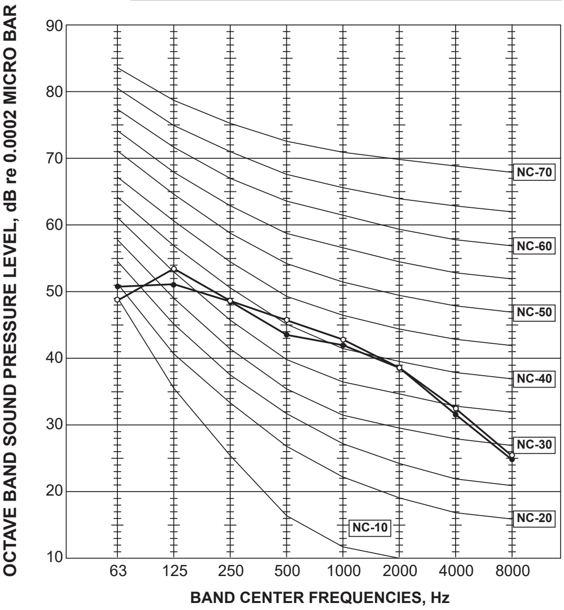






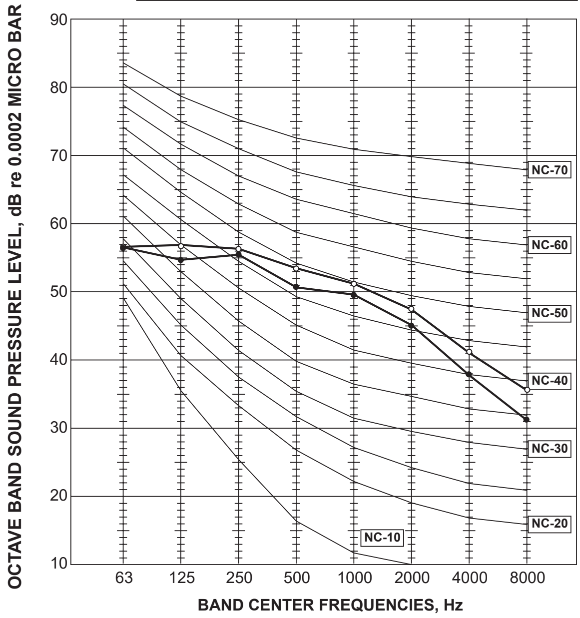
SUZ-SM35VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	48	●—●
	HEATING	48	○—○



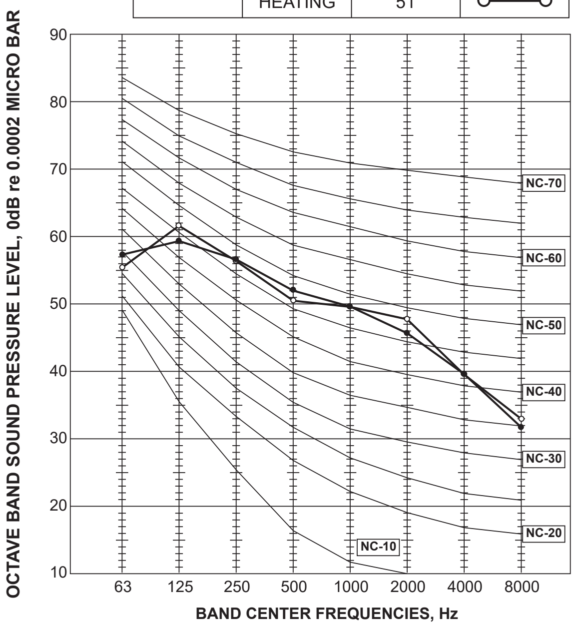
SUZ-SM50VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	48	●—●
	HEATING	49	○—○



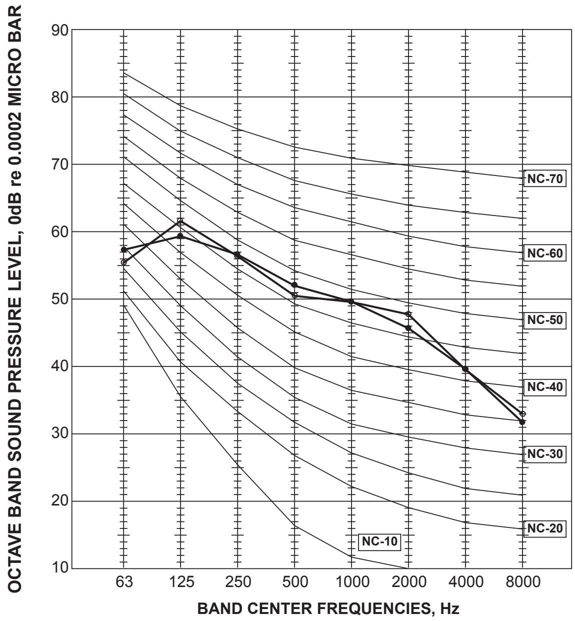
SUZ-SM60VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



SUZ-SM71VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



A.8.6 EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM35VKA2 PUZ-ZM50VKA2

3.Specification

(1) Unit mass W= 46 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 290 mm= 0.290 m

(4) The bolt-span from the examination angle L= 330 mm= 0.330 m

(5) The distance between the center of bolt and the center of gravity of the unit Lg= 160 mm(Lg≦L/2)= 0.160 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 450.8 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 225.4 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-}{L\cdot Nt}$ = 143.4 N

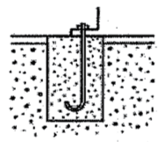
(6) The shear forces of the anchor bolt Q=Fh/N= 112.7 N

(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 1.8 MPa＜ft=176MPa

2.The shearing stress. τ=Q/A= 1.4 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 244.2 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ= 1.8 MPa ＜ fts= 101.0 MPa



(8) The construction way of the anchor bolt

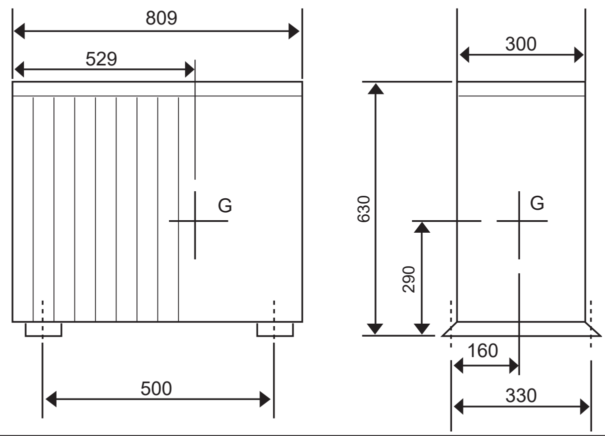
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 143 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM60VHA2 PUZ-ZM71VHA2

3.Specification

(1) Unit mass — W= 67 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 mm^2= 78×10^{-6} m^2

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= 575 mm= 0.575 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= 184 mm(Lg≦L/2)= 0.184 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= 656.6 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 328.3 N

(5) The withdrawal strength of the anchor bolt — $Rb = \frac{Fh \cdot Hg\text{-}(W \cdot 9.8\text{-}}{L \cdot Nt}$ = 428.6 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 164.2 N

(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 5.5 MPa<ft=176MPa

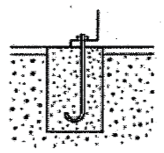
2.The shearing stress. — τ=Q/A= 2.1 MPa<fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. — fts'=1.4ft-1.6 τ= 243.0 MPa

However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.

σ= 5.5 MPa < fts= 101.0 MPa

(8) The construction way of the anchor bolt

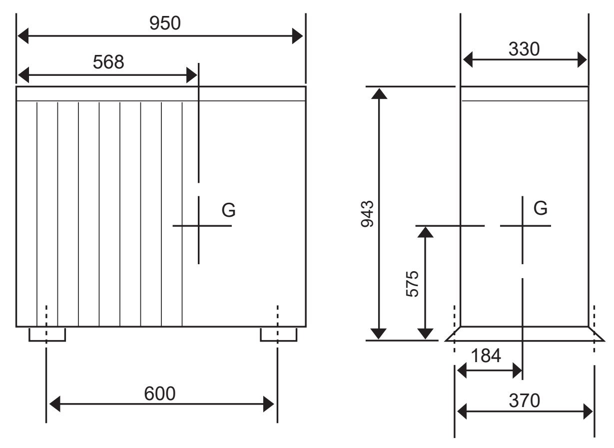


1.The construction way of the anchor bolt. — = Boxed J type anchor

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= 429 N



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM100VKA2

3.Specification

(1) Unit mass — W= 105 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 553 mm= 0.553 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= 157 mm(Lg≦L/2)= 0.157 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= 1029.0 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 514.5 N

(5) The withdrawal strength of the anchor bolt — $Rb=\frac{Fh\cdot Hg\text{-}(W\cdot 9.8\text{-}}{L\cdot Nt}$ = 659.8 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 257.3 N

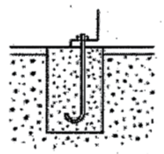
(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 8.5 MPa<ft=176MPa

2.The shearing stress. — τ=Q/A= 3.3 MPa<fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. — fts'=1.4ft-1.6 τ = 241.1 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 8.5 MPa < fts= 101.0 MPa

(8) The construction way of the anchor bolt

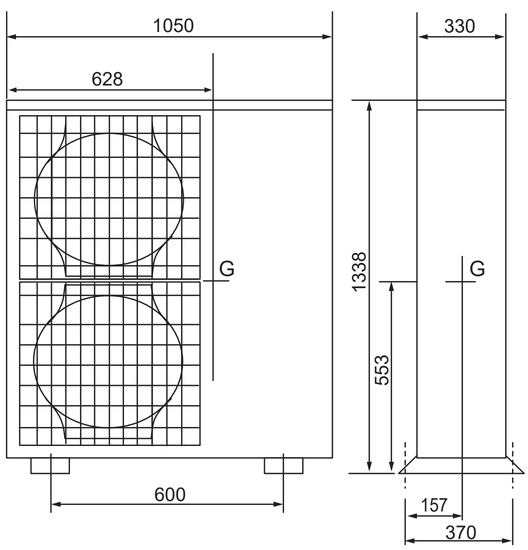


1.The construction way of the anchor bolt. — = Boxed J type anchor

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= 660 N



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM100YKA2

3.Specification

(1) Unit mass — W= 111 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 575 mm= 0.575 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= 184 mm(Lg≦L/2)= 0.184 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= 1087.8 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 543.9 N

(5) The withdrawal strength of the anchor bolt — $Rb= \frac{Fh \cdot Hg-(W \cdot 9.8-}{L \cdot Nt}$ = 710.0 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 272.0 N

(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 9.1 MPa < ft=176MPa

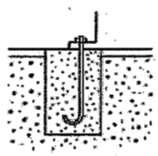
2.The shearing stress. — τ=Q/A= 3.5 MPa < fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. — fts'=1.4ft-1.6 τ = 240.8 MPa

However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.

σ= 9.1 MPa < fts= 101.0 MPa

(8) The construction way of the anchor bolt



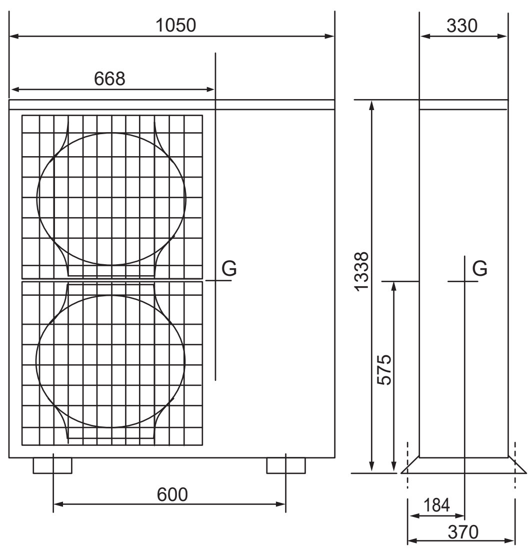
1.The construction way of the anchor bolt. — = Boxed J type anchor

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= 710 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM125VKA2

3.Specification

(1) Unit mass — W= 105 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 582 mm= 0.582 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= 150 mm(Lg≦L/2)= 0.150 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing — Kh= 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= 1029.0 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 514.5 N

(5) The withdrawal strength of the anchor bolt — $Rb=\frac{Fh\cdot Hg\text{-}(W\cdot 9.8\text{-}}{L\cdot Nt}$ = 705.0 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 257.3 N

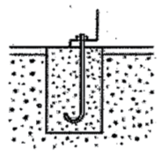
(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 9.0 MPa＜ft=176MPa

2.The shearing stress. — τ=Q/A= 3.3 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 241.1 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 9.0 MPa ＜ fts= 101.0 MPa

(8) The construction way of the anchor bolt



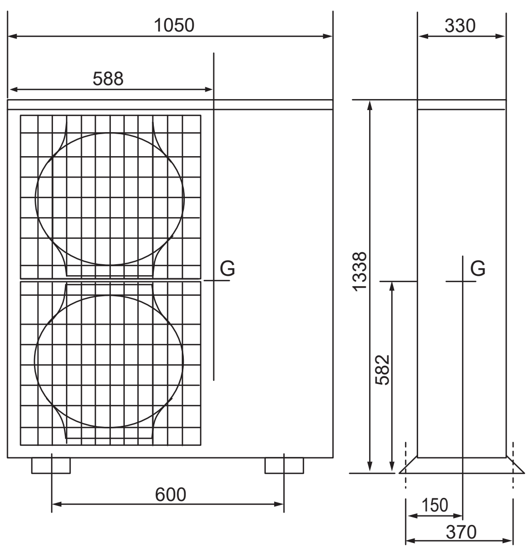
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 705 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM125YKA2

3.Specification

(1) Unit mass — W= 114 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 mm^2= 78×10^{-6} m^2

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= 585 mm= 0.585 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= 152 mm(Lg≦L/2)= 0.152 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing — Kh= 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= 1117.2 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 558.6 N

(5) The withdrawal strength of the anchor bolt — $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-}{L \cdot Nt}$ = 768.5 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 279.3 N

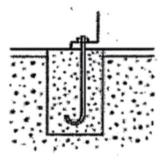
(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 9.9 MPa < ft=176MPa

2.The shearing stress. — τ=Q/A= 3.6 MPa < fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. — fts'=1.4ft-1.6 τ= 240.6 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ= 9.9 MPa < fts= 101.0 MPa

(8) The construction way of the anchor bolt



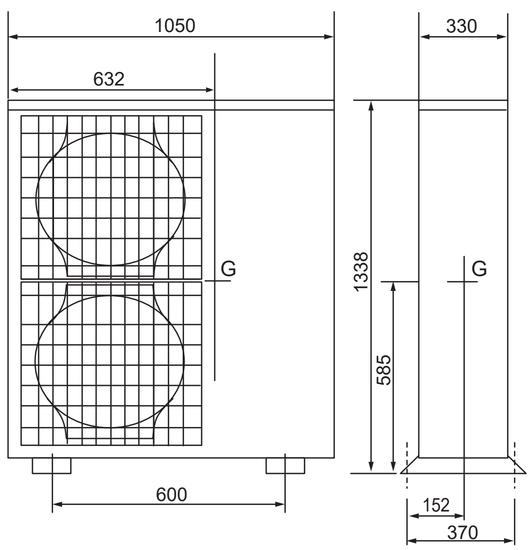
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 768 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM140VKA2

3.Specification

(1) Unit mass W= 105 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 582 mm= 0.582 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= 150 mm(Lg≦L/2)= 0.150 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 1029.0 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 514.5 N

(5) The withdrawal strength of the anchor bolt $Rb= \frac{Fh\cdot Hg-(W\cdot 9.8-}{L\cdot Nt}$ = 705.0 N

(6) The shear forces of the anchor bolt Q=Fh/N= 257.3 N

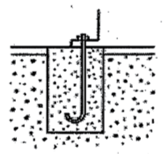
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 9.0 MPa＜ft=176MPa

2.The shearing stress. τ=Q/A= 3.3 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 241.1 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 9.0 MPa ＜ fts= 101.0 MPa

(8) The construction way of the anchor bolt



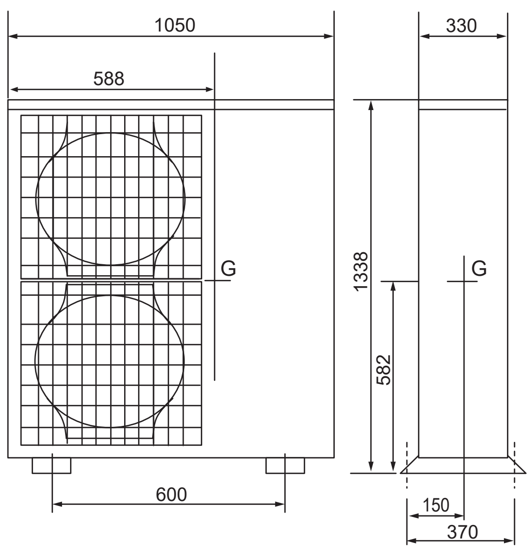
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 705 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

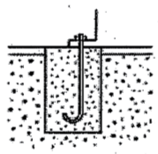
2.Model name: PUZ-ZM140YKA2

3.Specification

(1) Unit mass	W=	118	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	mm^2=	78 $\times 10^{-6}$ m^2
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=	570	mm=	0.570 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=	172	mm(Lg≦L/2)=	0.172 m

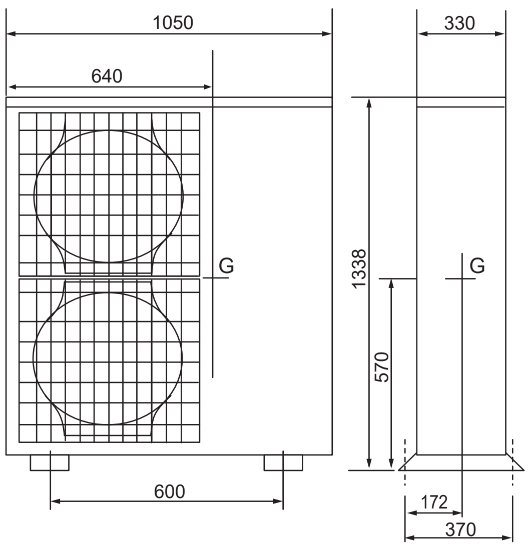
4.The examination calculation (by rounding off to the first decimal place of each item)

(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=	1156.4	N
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	578.2	N
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-}{L\cdot Nt}$	=	756.3	N
(6) The shear forces of the anchor bolt	Q=Fh/N=	289.1	N
(7) The stress arising to the anchor bolt			
1.The tensile stress.	σ=Rb/A=	9.7	MPa＜ft=176MPa
2.The shearing stress.	τ=Q/A=	3.7	MPa＜fs=101MPa
3.The stress when affected by both the shearing and the tensile at the same time.	fts'=1.4ft-1.6 τ =	240.5	MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. σ = 9.7 MPa	＜ fts=	101.0	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= 756 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM200YKA2

3.Specification

(1) Unit mass W= 137 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 537 mm= 0.537 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= 1342.6 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 671.3 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-}{L\cdot Nt}$ = 811.0 N

(6) The shear forces of the anchor bolt Q=Fh/N= 335.7 N

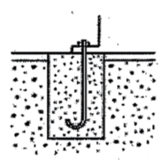
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 10.4 MPa＜ft=176MPa

2.The shearing stress. τ=Q/A= 4.3 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 239.5 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 10.4 MPa ＜ fts= 101.0 MPa

(8) The construction way of the anchor bolt



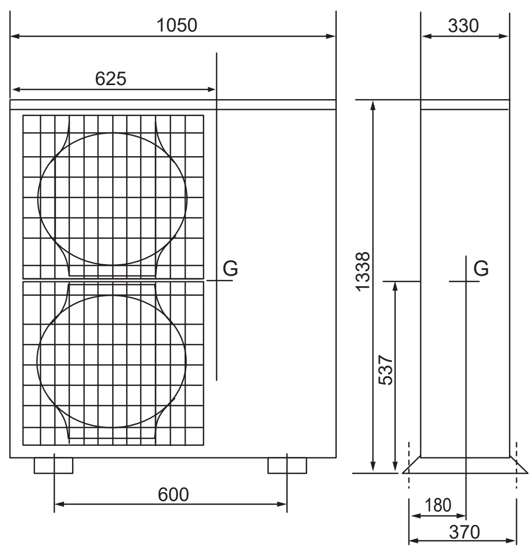
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 811 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-ZM250YKA2

3.Specification

(1) Unit mass — W= 138 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 537 mm= 0.537 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= 1352.4 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 676.2 N

(5) The withdrawal strength of the anchor bolt — $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-}{L\cdot Nt}$ = 816.9 N

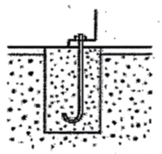
(6) The shear forces of the anchor bolt — Q=Fh/N= 338.1 N

(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 10.5 MPa＜ft=176MPa

2.The shearing stress. — τ=Q/A= 4.3 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. — fts'=1.4ft-1.6 τ = 239.5 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 10.5 MPa ＜ fts= 101.0 MPa



(8) The construction way of the anchor bolt

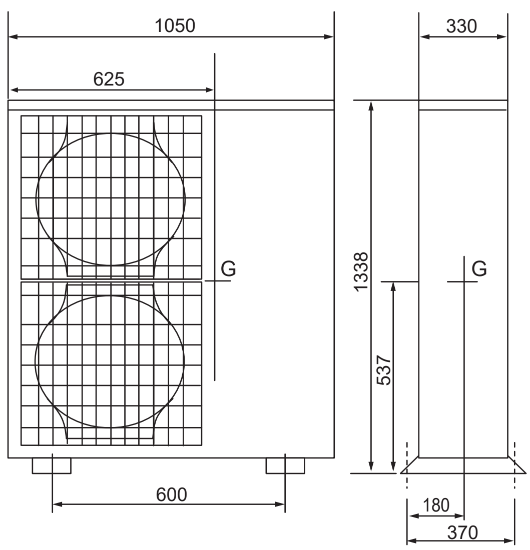
1.The construction way of the anchor bolt. — = Boxed J type anchor

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= 817 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-M100VKA2 PUZ-SM100VKA2

3.Specification

(1) Unit mass W= 76 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 455 mm= 0.455 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= 160 mm(Lg≦L/2)= 0.160 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 744.8 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 372.4 N

(5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh\cdot Hg-(W\cdot 9.8-}{L\cdot Nt}$ ＝ 377.4 N

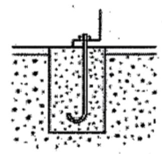
(6) The shear forces of the anchor bolt Q=Fh/N= 186.2 N

(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 4.8 MPa＜ft=176MPa

2.The shearing stress. τ=Q/A= 2.4 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 242.6 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 4.8 MPa ＜ fts= 101.0 MPa



(8) The construction way of the anchor bolt

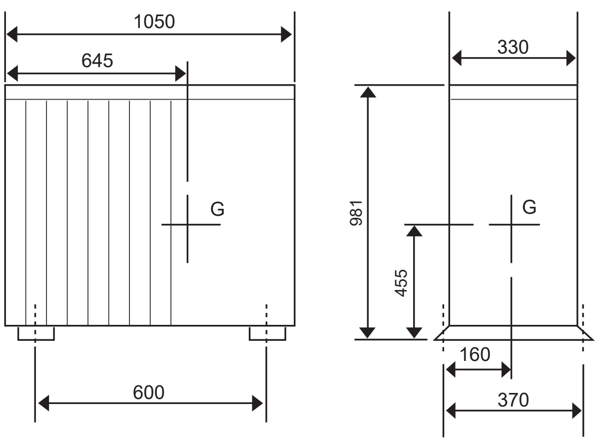
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 377 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-M125VKA2 PUZ-M140VKA2 PUZ-SM125VKA2 PUZ-SM140VKA2

3.Specification

(1) Unit mass W= 84 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 mm^2= 78×10^{-6} m^2

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= 430 mm= 0.430 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= 184 mm(Lg≦L/2)= 0.184 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= 823.2 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 411.6 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$ = 375.0 N

(6) The shear forces of the anchor bolt Q=Fh/N= 205.8 N

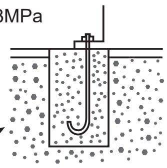
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 4.8 MPa＜ft=176.4MPa

2.The shearing stress. τ=Q/A= 2.6 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= 242.8 MPa

σ= 4.8 MPa ＜ fts= 242.8 MPa



(8) The construction way of the anchor bolt

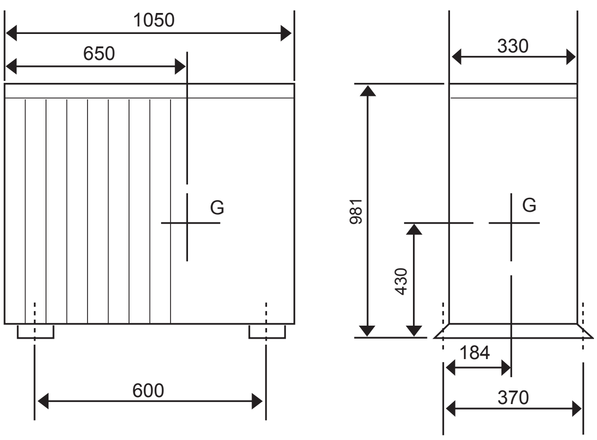
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 376 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-M100YKA2 PUZ-SM100YKA2

3.Specification

(1) Unit mass W= 78 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 mm^2= 78×10^{-6} m^2

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= 440 mm= 0.440 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= 176 mm(Lg≦L/2)= 0.176 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= 764.4 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 382.2 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 363.6 N

(6) The shear forces of the anchor bolt Q=Fh/N= 191.1 N

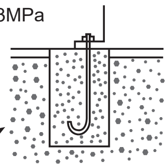
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 4.7 MPa＜ft=176.4MPa

2.The shearing stress. τ=Q/A= 2.5 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= 243.0 MPa

σ= 4.7 MPa ＜ fts= 176.0 MPa



(8) The construction way of the anchor bolt

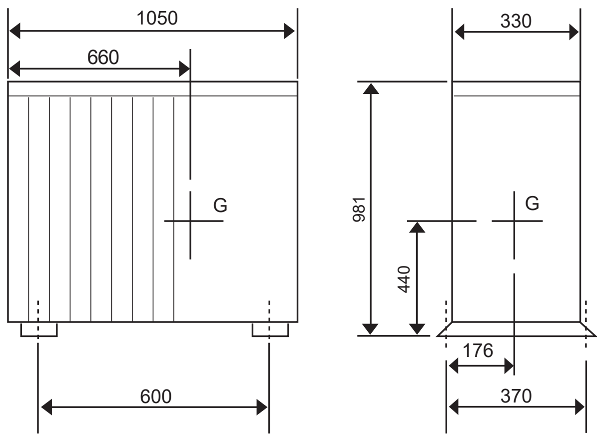
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 364 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-M125YKA2 PUZ-SM125YKA2

3.Specification

(1) Unit mass — W= 85 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 mm^2= 78×10^{-6} m^2

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= 415 mm= 0.415 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= 160 mm(Lg≦L/2)= 0.160 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing — Kh= 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= 833.0 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 416.5 N

(5) The withdrawal strength of the anchor bolt — $Rb = \frac{Fh \cdot Hg\text{-}(W \cdot 9.8\text{-}}{L \cdot Nt}$ = 377.1 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 208.3 N

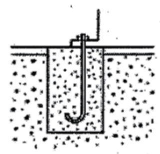
(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 4.8 MPa<ft=176MPa

2.The shearing stress. — τ=Q/A= 2.7 MPa<fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. — fts'=1.4ft-1.6 τ = 242.1 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 4.8 MPa < fts= 101.0 MPa

(8) The construction way of the anchor bolt



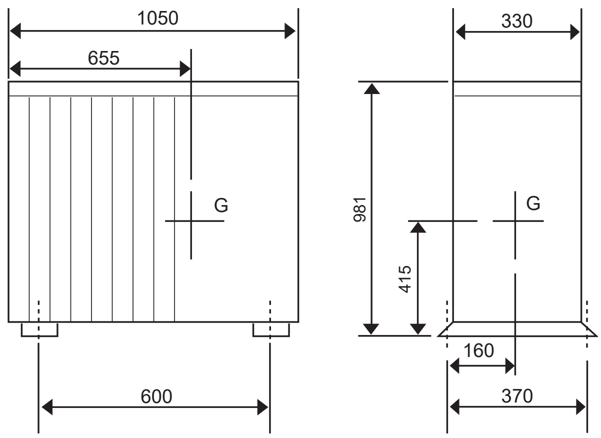
1.The construction way of the anchor bolt. — = Boxed J type anchor

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= 377 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

2.Model name: PUZ-M140YKA2 PUZ-SM140YKA2

3.Specification

(1) Unit mass W= 85 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 415 mm= 0.415 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= 160 mm(Lg≦L/2)= 0.160 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 833.0 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 416.5 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg\text{-}(W\cdot 9.8\text{-}}{L\cdot Nt}$ = 377.1 N

(6) The shear forces of the anchor bolt Q=Fh/N= 208.3 N

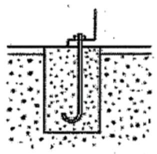
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 4.8 MPa < ft=176MPa

2.The shearing stress. τ=Q/A= 2.7 MPa < fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 242.1 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 4.8 MPa < fts= 101.0 MPa

(8) The construction way of the anchor bolt



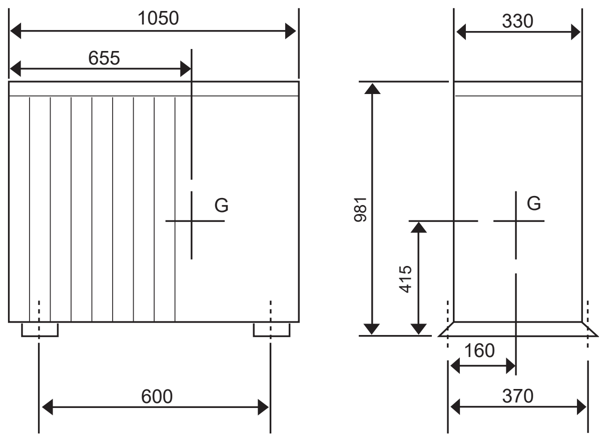
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 377 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

2.Model name: PUZ-M200YKA2

( ):Service Ref.

3.Specification

(1) Unit mass W= 129 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 mm^2= 78 $\times 10^{-6}$ m^2

4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2

(3) The height between the installing surface and the center of gravity of the unit Hg= 590 mm= 0.590 m

(4) The bolt-span from the examination angle L= 370 mm= 0.370 m

(5) The distance between the center of bolt and the center of gravity of the unit Lg= 160 mm(Lg≦L/2)= 0.160 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 1264.2 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 632.1 N

(5) The withdrawal strength of the anchor bolt $Rb=\dfrac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 871.3 N

(6) The shear forces of the anchor bolt Q=Fh/N= 316.1 N

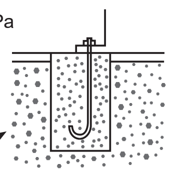
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 11.2 MPa < ft=176.4MPa

2.The shearing stress. τ=Q/A= 4.1 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= 240.4 MPa

σ= 11.2 MPa < fts= 176.0 MPa



(8) The construction way of the anchor bolt

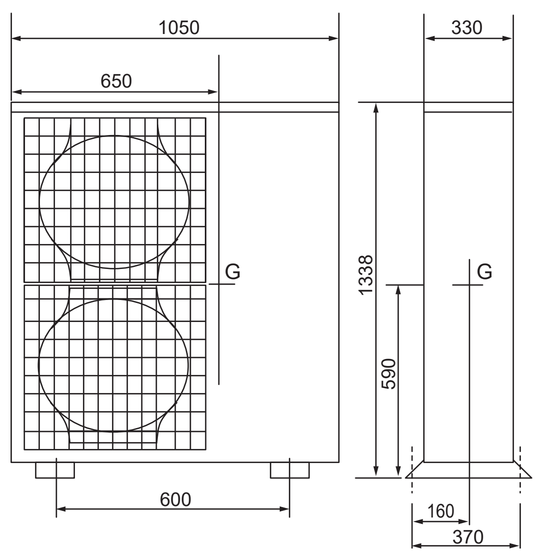
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 871 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

2.Model name: PUZ-M250YKA2

3.Specification

(1) Unit mass W= 138 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 mm^2= 78 $\times 10^{-6}$ m^2

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= 537 mm= 0.537 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= 1352.4 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 676.2 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg\text{-}(W\cdot 9.8\text{-}}{L\cdot Nt}$ = 816.9 N

(6) The shear forces of the anchor bolt Q=Fh/N= 338.1 N

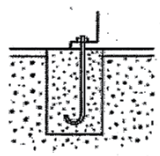
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 10.5 MPa＜ft=176MPa

2.The shearing stress. τ=Q/A= 4.3 MPa＜fs=101MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts'=1.4ft-1.6 τ = 239.5 MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
σ = 10.5 MPa ＜ fts= 101.0 MPa

(8) The construction way of the anchor bolt



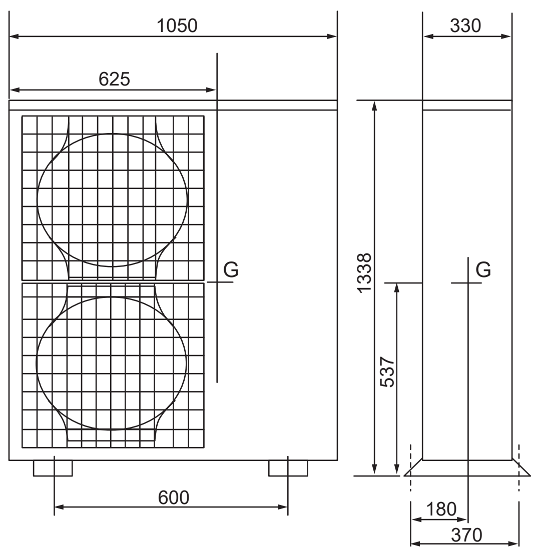
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 817 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-SM35VA

3.Specification

(1) Unit mass W= 35 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 mm^2= 78×10^{-6} m^2

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= 245 mm= 0.245 m

(4) The bolt-span from the examination angle L= 325 mm= 0.325 m

(5) The distance between the center of bolt and the center of gravity of the unit Lg= 141 mm(Lg≦L/2)= 0.141 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= 343.0 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 171.5 N

(5) The withdrawal strength of the anchor bolt $Rb = \frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 92.1 N

(6) The shear forces of the anchor bolt Q=Fh/N= 85.8 N

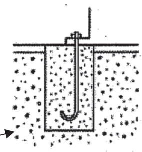
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 1.2 MPa < ft = 176.4 MPa

2.The shearing stress. τ=Q/A= 1.1 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 245.2 MPa

σ= 1.2 MPa < fts= 176.0 MPa



(8) The construction way of the anchor bolt

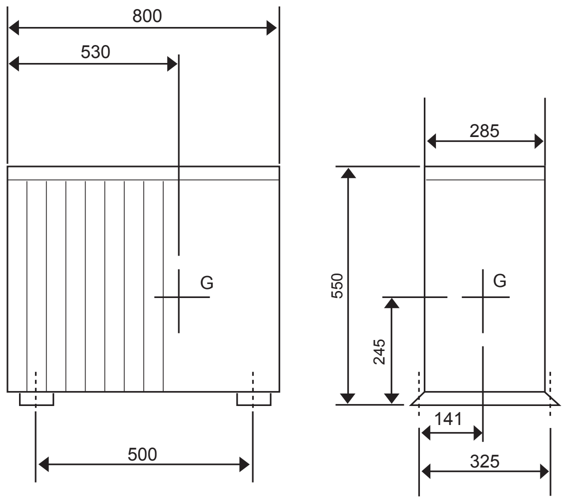
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 92 N

Since the results from the examination above, the anchor bolt has enough strength



1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-SM50VA

3.Specification

(1) Unit mass — W= 41 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 mm^2= 78×10^{-6} m^2

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= 305 mm= 0.305 m

(4) The bolt-span from the examination angle — L= 285 mm= 0.285 m

(5) The distance between the center of bolt and the center of gravity of the unit — Lg= 151 mm(Lg≦L/2)= 0.151 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 N

(2) The vertical seismic coefficient for designing — Kv=Kh/2= 0.5 N

(3) The horizontal earthquake forces for designing — Fh=Kh·W·9.8= 401.8 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 200.9 N

(5) The withdrawal strength of the anchor bolt — $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$ = 161.8 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 100.5 N

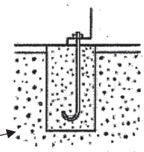
(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 2.1 MPa < ft = 176.4 MPa

2.The shearing stress. — τ=Q/A= 1.3 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 244.9 MPa

σ= 2.1 MPa < fts= 176.0 MPa



(8) The construction way of the anchor bolt

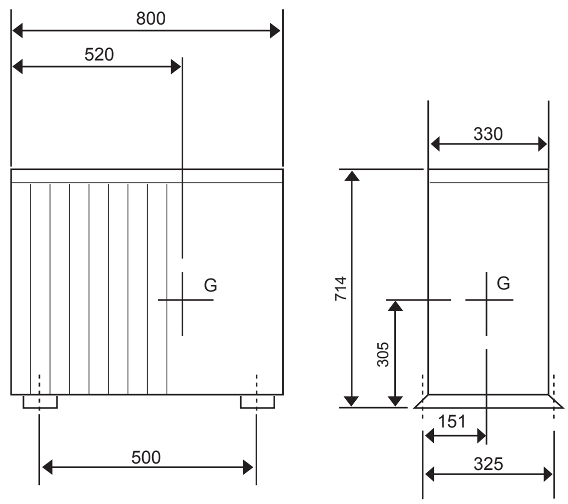
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 162 N

Since the results from the examination above, the anchor bolt has enough strength



1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-SM60VA

3.Specification

(1) Unit mass W= 54 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 mm^2= 78×10^{-6} m^2

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= 360 mm= 0.360 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= 139 mm(Lg≦L/2)= 0.139 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 529.2 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 264.6 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 213.9 N

(6) The shear forces of the anchor bolt Q=Fh/N= 132.3 N

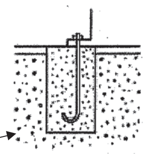
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 2.7 MPa < ft = 176.4 MPa

2.The shearing stress. τ=Q/A= 1.7 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 244.2 MPa

σ= 2.7 MPa < fts= 176.0 MPa



(8) The construction way of the anchor bolt

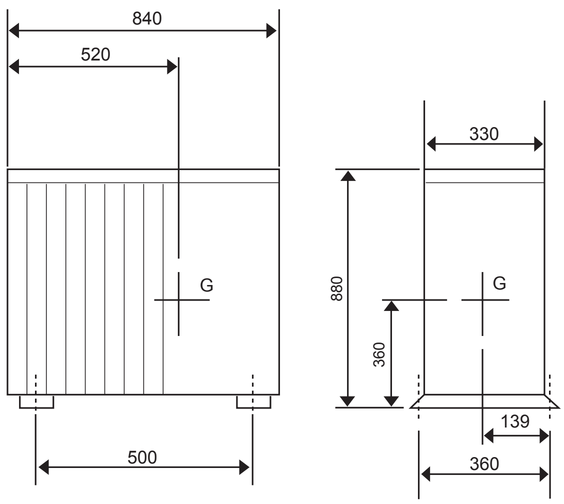
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 214 N

Since the results from the examination above, the anchor bolt has enough strength



1.Type: Economy Inverter Outdoor unit

2.Model name: SUZ-SM71VA

3.Specification

(1) Unit mass — W= 55 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 mm^2= 78×10^{-6} m^2

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= 365 mm= 0.365 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= 216 mm(Lg≦L/2)= 0.216 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= 539.0 N

(4) The vertical earthquake forces for designing — Fv=Kv·W·9.8= 269.5 N

(5) The withdrawal strength of the anchor bolt — $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 192.4 N

(6) The shear forces of the anchor bolt — Q=Fh/N= 134.8 N

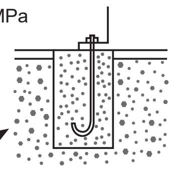
(7) The stress arising to the anchor bolt

1.The tensile stress. — σ=Rb/A= 2.5 MPa＜ft=176.4MPa

2.The shearing stress. — τ=Q/A= 1.7 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 = 244.2 MPa

σ= 2.5 MPa ＜ fts= 244.2 MPa



(8) The construction way of the anchor bolt

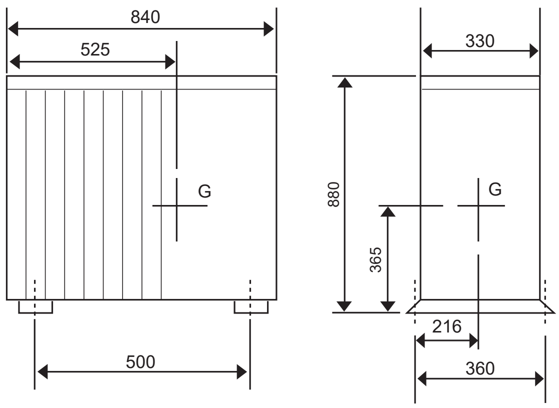
1.The construction way of the anchor bolt. — = Boxed J type anchor

2.The thickness of the concrete. — = 120 mm= 0.120 m

3.The length of buried part of bolt. — = 70 mm= 0.070 m

4.The permissible withdrawal weight. — Ta= 3136 N ＞ Rb 192 N

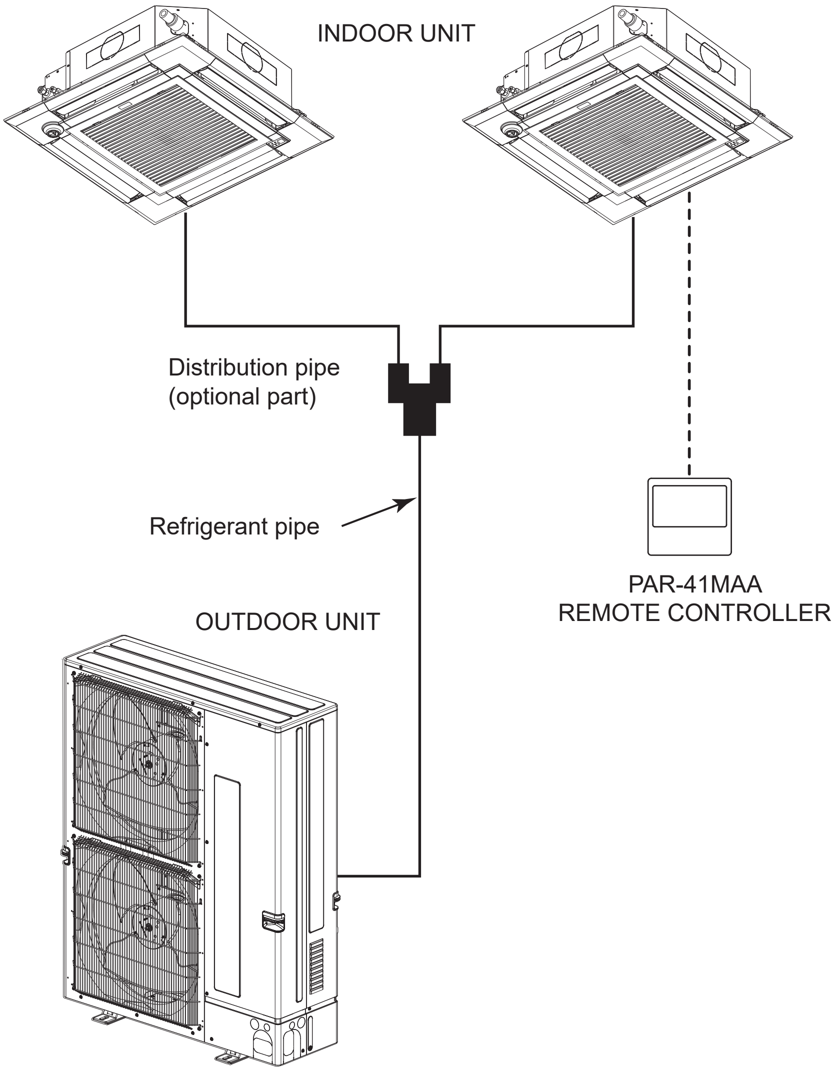
Since the results from the examination above, the anchor bolt has enough strength



A.9 MULTI SYSTEM

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.



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

Selection of outdoor unit ⇒ Selection of indoor unit ⇒ Selection of distribution pipe

A.9.2 MULTI SYSTEM COMBINATION CHART
A.9.2.1. Combination chart

PUZ-ZM·VHA2 PUZ-ZM·VKA2 PUZ-ZM·YKA2

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
ZM71	35×2	—	—	—
ZM100	50×2	—	35×3	—
ZM125	60×2	—	50×3	35×4
ZM140	71×2	—	50×3	35×4
ZM200	—	100×2	60×3	50×4
ZM250	—	125×2	71×3	60×4
Distribution pipe	MSDD-50TR2-E	MSDD-50WR2-E	MSDT-111R3-E	MSDF-1111R2-E

Please refer to A-4 for more detail.

PUZ-M·VKA2 PUZ-M·YKA2

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
M100	50×2	—	35×3	—
M125	60×2	—	50×3	35×4
M140	71×2	—	50×3	—
M200	—	100×2	60×3	50×4
M250	—	125×2	71×3	60×4
Distribution pipe	MSDD-50TR2-E	MSDD-50WR2-E	MSDT-111R3-E	MSDT-111R2-E

Please refer to A-4 for more detail.

PUZ-SM·VKA2 PUZ-SM·YKA2

Outdoor unit	Indoor unit
	Twin
SM100	50×2
SM125	60×2
SM140	71×2
Distribution pipe	MSDD-50TR2-E

Please refer to A-4 for more detail.

A.9.3 REFRIGERANT PIPING

■PUZ-ZM35VKA2 PUZ-ZM50VKA2 PUZ-ZM71VHA2 PUZ-ZM100VKA2 PUZ-ZM125VKA2 PUZ-ZM140VKA2 PUZ-ZM100YKA2 PUZ-ZM125YKA2 PUZ-ZM140YKA2

1. PIPE LENGTH
(1) 1:1 SYSTEM
Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	φ6.35			φ9.52			φ12.7	
	Thickness	t0.8			t0.8			t0.8	
Gas pipe (mm)	OD	φ9.52	φ12.7	φ15.88	φ12.7	φ15.88	φ19.05	φ15.88	φ19.05
	Thickness	t0.8	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0
ZM35,50		□ 30m ※1 [30m]	Standard size 50m [30m]	○※2 30m [30m]	△ 30m [20m]	△※2 30m [20m]	/	/	/
ZM60,71		/	□ 10m [10m]	○ 10m [10m]	□ 30m [30m]	Standard size 55m [30m]	/	△ 30m [20m]	/
ZM100,125,140		/	/	/	/	Standard size 100m※3 [40m]	○ 50m [30m]	△ 50m [20m]	△ 50m [20m]

<Marks in the table>

○ : It can be used.
□ : Cooling capacity is lowered.
△ : Additional refrigerant charge is required when the pipe length exceeds Charge-less pipe length.

50m — The maximum pipe length
[30m] — Charge-less pipe length

※1. ZM50 : maximum pipe length is 10m.
※2. Change the SW8-1 on the outdoor controller circuit board from OFF to ON.
※3. The maximum length is 100m in case of new pipes.

(2) TWIN, TRIPLE AND QUADRUPLE SYSTEM
(a) TWIN SYSTEM

<Table 2> Maximum pipe length

			ZM71(35×2)		ZM100(50×2)			ZM125(60×2) • ZM140(71×2)		
Main pipe (mm) [A]	Liquid pipe		φ6.35	φ9.52	φ9.52	φ9.52	φ12.7	φ9.52	φ9.52	φ12.7
	Gas pipe		φ12.7	φ15.88	φ15.88	φ19.05	φ19.05	φ15.88	φ19.05	φ19.05
Branch pipe (mm) [B, C]	Liquid pipe	φ6.35	/	Standard size 55m [30m]	Standard size 100m※ [40m]	○ 50m [30m]	△ 50m [20m]	/	/	/
	Gas pipe	φ12.7								
	Liquid pipe	φ9.52	/	○ 50m [30m]	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 100m※ [40m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	φ15.88								
	Liquid pipe	φ12.7	/	/	/	/	/	/	/	/
	Gas pipe	φ19.05								

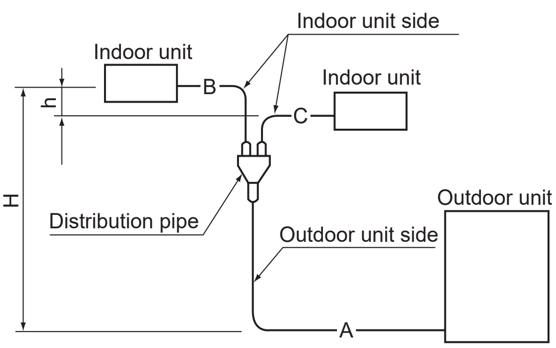
※ The maximum length is 100 m in case of new pipes.

(b) TRIPLE SYSTEM

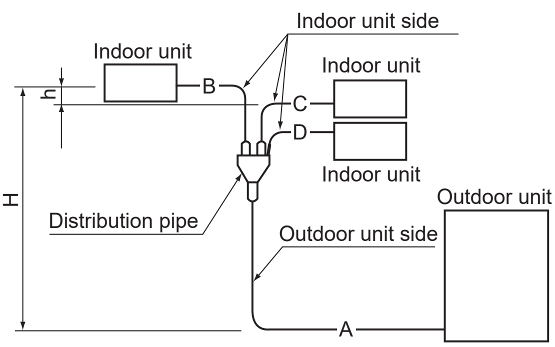
<Table 3> Maximum pipe length

			ZM140(50×3)		
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 100m※ [40m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	ø12.7			
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	ø15.88			
	Liquid pipe	ø12.7	/	/	/
	Gas pipe	ø19.05			

※ The maximum length is 100 m in case of new pipes



<TWIN SYSTEM>
Total length A + B + C
ZM71 : 55 m
ZM100,125,140: 100 m



<TRIPLE SYSTEM>
Total length A + B + C + D
ZM140: 100 m

■PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2 PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2

1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length(M100,M125,M140)

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
M100			Standard size 55m [30m]	○ 50m [30m]	△ 25m [15m]	△ 25m [15m]
M125,M140			Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]	△ 30m [15m]

<Marks in the table>

○ : It can be used.
□ : Cooling capacity is lowered.
△ : Additional refrigerant charge is required when the pipe length exceeds Charge-less pipe length.

50m — The maximum pipe length
[30m] — Charge-less pipe length

(2) TWIN, TRIPLE AND QUADRUPLE SYSTEM

(a) TWIN SYSTEM

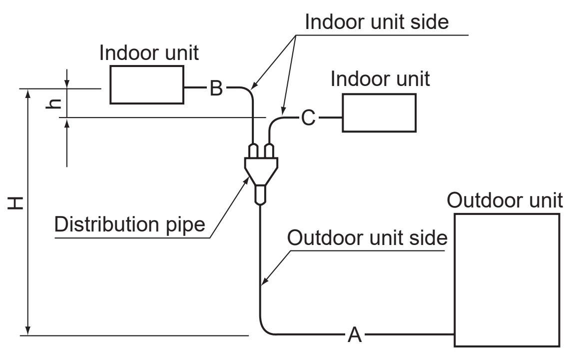
<Table 2> Maximum pipe length(M100,M125,M140)

			M100(50×2)			M125(60×2)·M140(71×2)		
Main pipe (mm) [A]	Liquid pipe		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
	Gas pipe		ø15.88	ø19.05	ø19.05	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 55m [30m]	○ 50m [30m]	△ 30m [10m]			
	Gas pipe	ø12.7						
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [30m]	Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]
	Gas pipe	ø15.88						

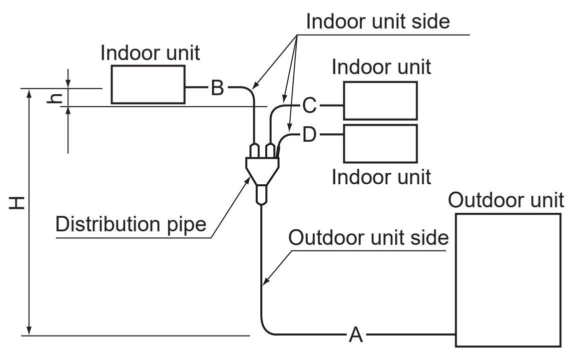
(b) TRIPLE SYSTEM

<Table 3> Maximum pipe length(M140)

			M140(50×3)		
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 65m [30m]	○ 50m [30m]	△ 30m [15m]
	Gas pipe	ø12.7			
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [15m]
	Gas pipe	ø15.88			



<TWIN SYSTEM>
Total length A + B + C
M125,M140≦ 65 m



<TRIPLE SYSTEM>
Total length A + B + C + D
M140≦ 65 m

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

1.PIPE LENGTH
(1) 1:1 SYSTEM
Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
SM100			Standard size 30m [30m]	O 30m [30m]	△ 25m [15m]	△ 25m [15m]
SM125,140			Standard size 40m [30m]	O 40m [30m]	△ 30m [15m]	△ 30m [15m]

<Marks in the table>

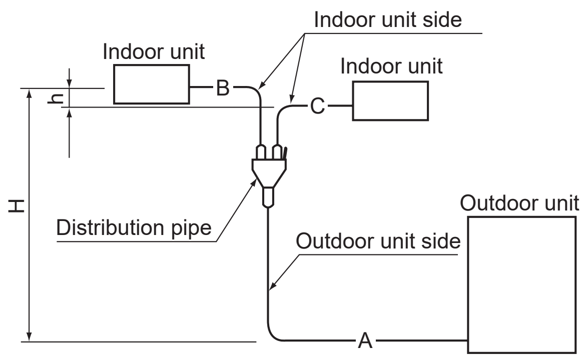
O : It can be used.
□ : Cooling capacity is lowered.
△ : Additional refrigerant charge is required when the pipe length exceeds Charge-less pipe length

50m — The maximum pipe length
[30m] — Charge-less pipe length

(2) TWIN
(a) TWIN SYSTEM

<Table 2> Maximum pipe length

			SM100(50×2)			SM125(60×2)·SM140(71×2)		
Main pipe (mm) [A]	Liquid pipe		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
	Gas pipe		ø15.88	ø19.05	ø19.05	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 30m [30m]	O 30m [30m]	△ 30m [10m]			
	Gas pipe	ø12.7						
	Liquid pipe	ø9.52	O 30m [30m]	O 30m [30m]	△ 30m [30m]	Standard size 40m [30m]	O 40m [30m]	△ 30m [15m]
	Gas pipe	ø15.88						



Total length A + B + C
SM100 : ≤ 30 m
SM125, 140 : ≤ 40 m

2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 3, 4 when liquid pipe is 1 size larger than standard diameter.

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

<Table 3> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-ZM35,50	ϕ9.52	40 g per 1 m
PUZ-ZM60,71	ϕ12.7	80 g per 1 m
PUZ-ZM100,125,140	ϕ12.7	80 g per 1 m

<Table 4> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 20 m
PUZ-ZM71,100,125140	Additional refrigerant amount $\triangle W$(g) = (80× L1) + (40 × L2) + (15 × L3) - 1600

If the calculation produces a negative number ($\triangle W \leqq 0$), additional charging is not necessary.
L1: ϕ12.7 liquid pipe length (m)
L2: ϕ9.52 liquid pipe length (m)
L3: ϕ6.35 liquid pipe length (m)

<Table 5> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	55 – 75m	75 – 100m
1 : 1 system	PUZ-ZM35	50m or less	2.0kg	0.15kg	0.3kg			
	PUZ-ZM50		2.0kg	0.15kg	0.3kg			
	PUZ-ZM60, 71	55m or less	2.8kg	0.4kg	0.8kg			
	PUZ-ZM100,125,140	100m or less	3.6kg		0.4kg	0.6kg	1.4kg	2.4kg

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	55– 75m	75 – 100m
Twin Triple system	PUZ-ZM71	55m or less	2.8kg	0.4kg	0.8kg			
	PUZ-ZM100,125,140	100m or less	3.6kg		0.4kg	0.6kg	1.4kg	2.4kg

• Check additional refrigerant charging amount referring to table 6, 7 when liquid pipe is 1 size larger than standard diameter.

■PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2
PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2

<Table 6> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-M100,125,140	ϕ12.7	80 g per 1 m

<Table 7> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-M100,125,140	Additional refrigerant amount △W(g) = (80 × L1) + (40 × L2) + (15 × L3) - 1200

If the calculation produces a negative number (△W ≦ 0), additional charging is not necessary.
L1: ϕ12.7 liquid pipe length (m)
L2: ϕ9.52 liquid pipe length (m)
L3: ϕ6.35 liquid pipe length (m)

<Table 8> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	56 – 60m	61 – 65m
1 : 1 system	PUZ-M100	55m or less	3.1kg	0.4kg	0.8kg	1.0kg		
	PUZ-M125,140	65m or less	3.6kg	0.4kg	0.8kg	1.0kg	1.2kg	1.4kg

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	56 – 60m	61 – 65m
Twin Triple system	PUZ-M100	55m or less	3.1kg	0.4kg	0.8kg	1.0kg		
	PUZ-M125,140	65m or less	3.6kg	0.4kg	0.8kg	1.0kg	1.2kg	1.4kg

• Check additional refrigerant charging amount referring to table 9, 10 when liquid pipe is 1 size larger than standard diameter

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

<Table 9> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-SM100,125,140	ϕ12.7	80 g per 1 m

<Table 10> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-SM100,125,140	Additional refrigerant amount △W(g) = (80 × L1) + (40 × L2) + (15 × L3) - 1200

If the calculation produces a negative number (△W ≦ 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
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
Twin system	PUZ-SM100	30m or less	3.1kg	
	PUZ-SM125,140	40m or less	3.6kg	0.4kg

■PUZ-ZM200YKA2
PUZ-ZM250YKA2

1. TWIN, TRIPLE AND QUADRUPLE SYSTEM

(1) Twin

<Table 1> Maximum pipe length (Main pipe[A]+Branch pipe diameter [B and C])

ZM200 twin (100×2)

Main pipe (mm)[A] Liquid pipe	ϕ9.52				ϕ12.7				ϕ15.88			
Gas pipe	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C] Liquid pipe ϕ9.52 / Gas pipe ϕ15.88	□ 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]
Liquid pipe ϕ9.52 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ12.7 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

ZM250 twin (125×2)

Main pipe (mm)[A] Liquid pipe	ϕ9.52				ϕ12.7				ϕ15.88			
Gas pipe	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C] Liquid pipe ϕ9.52 / Gas pipe ϕ15.88	□ 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]
Liquid pipe ϕ9.52 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ12.7 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

• Be sure to use hard (tempered) one for pipe over ϕ22.2.

(2) Triple

<Table 2> Maximum pipe length (Main pipe [A] + Branch pipe [B, C and D])

ZM200 triple (60×3)

Main pipe (mm)[A] Liquid pipe	ϕ9.52				ϕ12.7				ϕ15.88			
Gas pipe	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C, D] Liquid pipe ϕ9.52 / Gas pipe ϕ15.88	□ 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]
Liquid pipe ϕ9.52 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ12.7 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

ZM250 triple (71×3)

Main pipe (mm)[A] Liquid pipe	ϕ9.52				ϕ12.7				ϕ15.88			
Gas pipe	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C, D] Liquid pipe ϕ9.52 / Gas pipe ϕ15.88	□ 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]
Liquid pipe ϕ9.52 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ12.7 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

• Be sure to use hard (tempered) one for pipe over ϕ22.2.

(3) Quadruple

<Table 3> Maximum pipe length (Main pipe[A]+Branch pipe [B, C, D and E])

ZM200 quadruple (50×4)

Main pipe (mm)[A] Liquid pipe	ϕ9.52				ϕ12.7				ϕ15.88			
Gas pipe	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C, D, E] Liquid pipe ϕ6.35 / Gas pipe ϕ12.7	□ 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]
Liquid pipe ϕ9.52 / Gas pipe ϕ15.88	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ9.52 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ12.7 / Gas pipe ϕ19.05												

ZM250 quadruple (60×4)

Main pipe (mm)[A] Liquid pipe	ϕ9.52				ϕ12.7				ϕ15.88			
Gas pipe	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C, D, E] Liquid pipe ϕ6.35 / Gas pipe ϕ12.7												
Liquid pipe ϕ9.52 / Gas pipe ϕ15.88	□ 20m [20m]	□ 50m [30m]	○ 120m [30m]	○ 120m [30m]	□ 20m [20m]	□ 50m [30m]	Standard size 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ9.52 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 120m [30m]	○ 120m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
Liquid pipe ϕ12.7 / Gas pipe ϕ19.05	□ 20m [20m]	□ 50m [30m]	○ 120m [30m]	○ 120m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

• 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.→Refer to <Table6>.
△: Additional refrigerant charge is required when the pipe length exceeds Charge-less pipe length.→ Refer to <Table7>.

100m — The maximum pipe length
[30m] — Charge-less pipe length

Outdoor unit	A+B+C+D						Maximum amount of refrigerant
	Amount of additional refrigerant charge (kg)						
	30 m and less	31 - 40 m	41 - 50 m	51 - 60 m	61 - 70 m	71 - 100 m	
ZM200	No additional charge necessary	0.4 kg	0.8 kg	1.2 kg	1.6 kg	Calculate the amount of additional refrigerant charge using formula provided below.	9.2 kg
ZM250		0.6 kg	1.2 kg	1.8 kg	2.4 kg		9.2 kg

When length exceeds 70 m

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.
Note: If the calculation produces a negative number (i.e. a “minus” charge), of 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 ø12.7 overall length × 0.06	+	Main piping: Liquid line size ø9.52 overall length × 0.04 (Gas line: ø25.4)	+	Branch piping: Liquid line size ø9.52 overall length × 0.03 (Gas line: ø15.88)	+	Branch piping: Liquid line size ø6.35 overall length × 0.01	-	ZM200	1.2 (kg)
(kg)		(m) × 0.06 (kg/m)		(m) × 0.04 (kg/m)		(m) × 0.03 (kg/m)		(m) × 0.01 (kg/m)			

Maximum additional charge	ZM200	2.9 kg

Additional charge amount for 70 meters	ZM200	1.6 kg

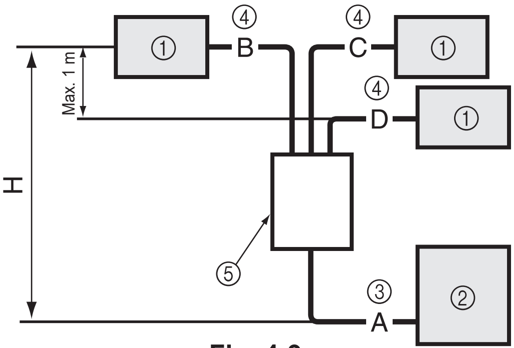


Fig. 4-9

① Indoor unit
② Outdoor unit
③Main piping
④ Branch piping
⑤ Multi distribution pipe (option)

Outdoor unit : ZM200 A: ø12.7.....65 m
Indoor unit 1 : ZM60 B: ø9.52.....5 m
Indoor unit 2 : ZM60 C: ø9.52.....5 m
Indoor unit 3 : ZM60 D: ø9.52.....5 m
Main piping ø12.7 is A = 65 m
Branch piping ø9.52 is B + C + D = 15 m
Therefore, the amount of additional charge is: 65 × 0.06 + 15 × 0.04 - 1.2 = 3.3(kg)
(Fractions are rounded up)

Maximum pipe length (ZM200·250)

Liquid pipe (mm)	O.D.	ø9.52				ø12.7				ø15.88			
	Thickness	t0.8				t0.8				t1.0			
Gas pipe (mm)	O.D.	ø19.05	ø22.2	ø25.4	ø28.58	ø19.05	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75
	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
ZM200		□ 20m [20m]	□ 50m [30m]	Standard size 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
ZM250		□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	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 ø19.05.

<Marks in the table above>

○: It can be used.
□: Cooling capacity is lowered.
△: Additional refrigerant charge is required when the pipe length exceeds Charge-less pipe length.

100m — The maximum pipe length
[30m] — Charge-less pipe length

Outdoor unit	Permissible total piping length A+B+C+D+E	A+B or A+C or A+D or A+E	Charge-less piping length A+B+C+D+E
ZM200 ZM250	100 m and less	100 m and less	30 m and less

Outdoor unit	| B-C | or | B-D | or | B-E | or | C-D | or | C-E | or | D-E |	No. of bends
ZM200, 250	8 m and less	Within 15

■ **ZM200, 250**

Additional refrigerant amount when the liquid pipe of the larger diameter is used.

1:1 system

Liquid pipe	When the pipe length exceeds 20 m
ø15.88	Additional refrigerant amount △w (g) = 180 × Pipe length (m) - 3000

* △w (g) ≦ 0 : Additional charge is not necessary.

Simultaneous twin/triple/quadruple system

When the pipe length (main piping and branch piping) exceeds 20 m
Additional refrigerant amount △w (g) = (180 × L1) + (120 × L2) + (90 × L3) + (30 × L4) - 3000

L1 : ø15.88 liquid pipe length (m) L2 : ø12.7 liquid pipe length (m)
L3 : ø9.52 liquid pipe length (m) L4 : ø6.35 liquid pipe length (m)

* △w (g) ≦ 0 : Additional charge is not necessary.

■ PUZ-M200YKA2 PUZ-M250YKA2

1. PIPE LENGTH

1-1. TWIN TRIPLE AND QUADRUPLE SYSTEM

(1) TWIN SYSTEM

<Table 1> Maximum pipe length(M200, M250)

			M200(100x2)										M250(125x2)									
Main pipe (mm) [A]	Liquid pipe	O.D.	φ9.52			φ12.7			φ15.88				φ9.52			φ12.7			φ15.88			
		Thickness	t0.8			t0.8			t1.0				t0.8			t0.8			t1.0			
	Gas pipe	O.D.	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
		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	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]

(2) TRIPLE SYSTEM

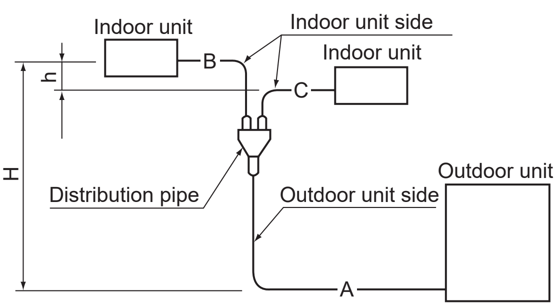
<Table 2> Maximum pipe length(M200, M250)

			M200(60x3)										M250(71x3)									
Main pipe (mm) [A]	Liquid pipe	O.D.	φ9.52			φ12.7			φ15.88				φ9.52			φ12.7			φ15.88			
		Thickness	t0.8			t0.8			t1.0				t0.8			t0.8			t1.0			
	Gas pipe	O.D.	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
		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	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]

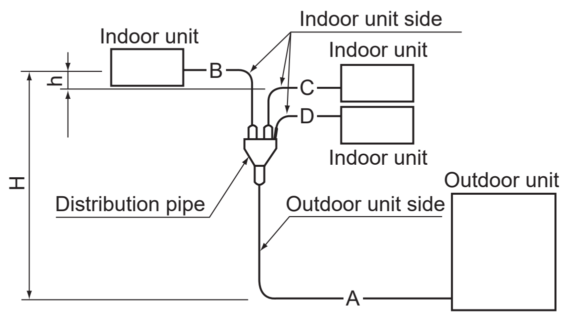
(3) QUADRUPLE SYSTEM

<Table 3> Maximum pipe length(M200,M250)

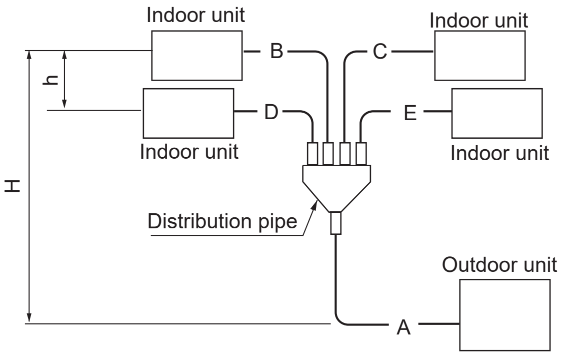
			M200(50x4)										M250(60x4)									
Main pipe (mm) [A]	Liquid pipe	O.D.	φ9.52			φ12.7			φ15.88				φ9.52			φ12.7			φ15.88			
		Thickness	t0.8			t0.8			t1.0				t0.8			t0.8			t1.0			
	Gas pipe	O.D.	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
		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	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	φ6.35	□	Standard size	○	□△	△	△	□△	△	△	△										
	Gas pipe	φ12.7	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]										
	Liquid pipe	φ9.52	□	○	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]



<TWIN SYSTEM>
Total length A + B + C
M200, 250: 70 m



<TRIPLE SYSTEM>
Total length A + B + C + D
M200, 250: 70 m



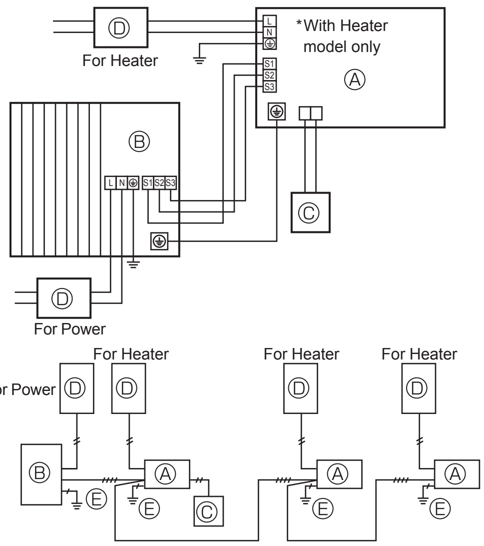
<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
M200, 250 : 70 m

	Outdoor unit	Pipe size (mm)<inch>				Actual piping length <m>			Height def fence <m>		(Note 1) No. of bend
		Gas side		Liquid side		Total length A+B+C+D+E	Indoor ~ Indoor	Branch pipe B, C, D	Indoor ~ Outdoor	Indoor ~ Indoor	
		Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side						
TWIN	200, 250	φ25.4 <1>	60,71, 100, 125 φ15.88<5/8>	φ9.52<3/8> (200) φ12.7<1/2> (250)	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>		50 φ6.35 <1/4> 60 φ9.52<3/8>		|B-C| |B-D| |B-E| |C-D| |C-D| |C-E| 8m				

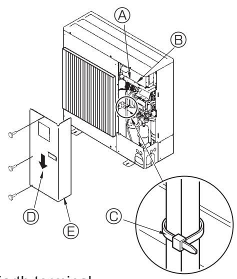
Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.
2. PUZ-M250: 30 m chargeless

A.9.4 ELECTRICAL WORK

1. PUZ-ZM71VHA2
PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2

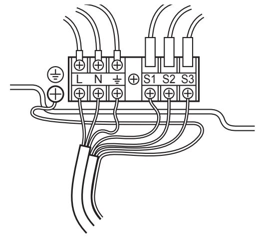


Ⓐ Indoor unit
Ⓑ Outdoor unit
Ⓒ Remote controller
Ⓓ Main switch (Breaker)
Ⓔ Earth

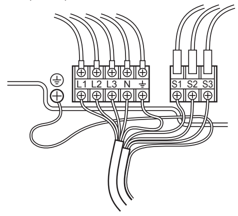


Ⓐ Earth terminal
Ⓑ Terminal block
Ⓒ Clamp
Ⓓ Service panel
Ⓔ Wire the cables so that they do not contact the center of the service panel or the gas valve.

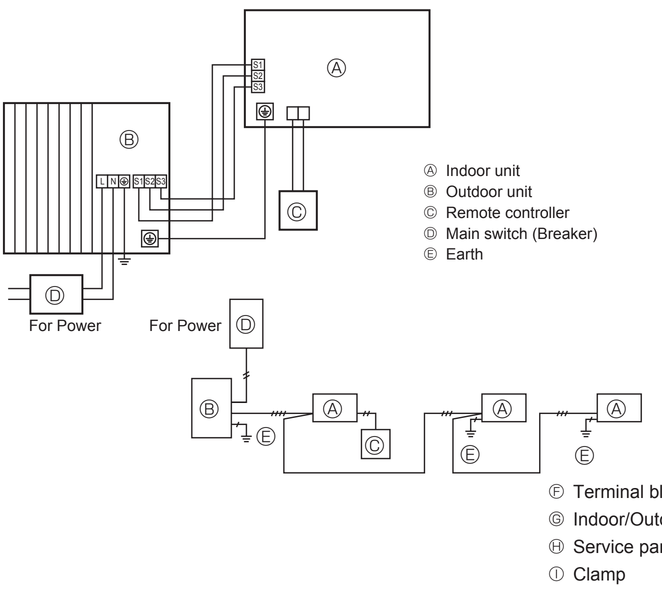
■ M71,100,125,140V



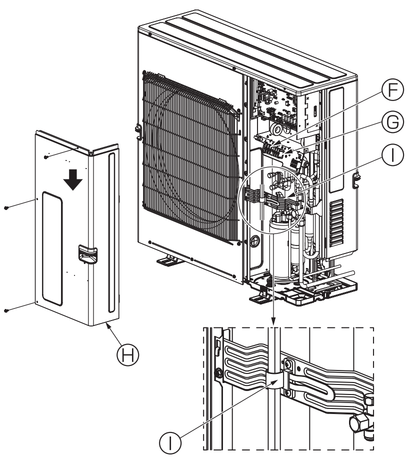
■ M100,125,140Y



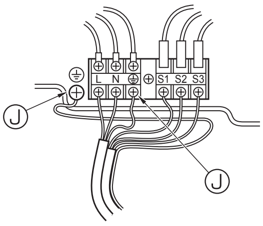
2. PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2
PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2



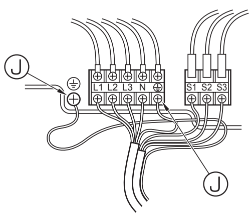
Ⓐ Indoor unit
Ⓑ Outdoor unit
Ⓒ Remote controller
Ⓓ Main switch (Breaker)
Ⓔ Earth



■ M100,125,140V



■ M100,125,140Y

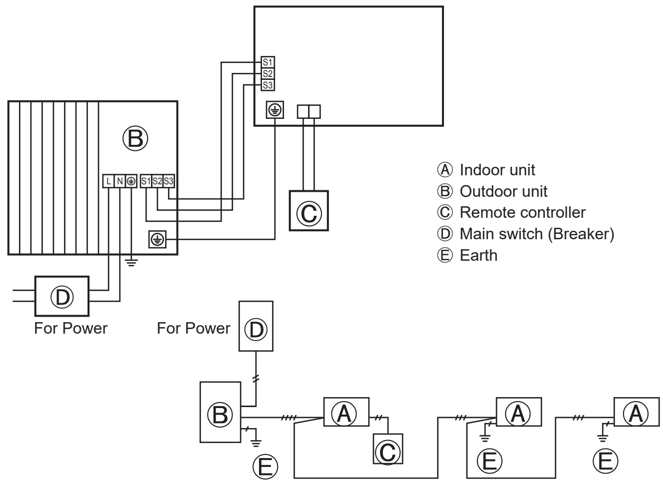


Ⓕ Terminal block
Ⓖ Indoor/Outdoor connection terminal block (S1, S2, S3)
Ⓗ Service panel
Ⓘ Clamp
* Clamp the cables so that they do not contact the center of the service panel or the gas valve.
Ⓙ Earth terminal

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.

3. PUZ-ZM200YKA2 PUZ-ZM250YKA2
PUZ-M200YKA2 PUZ-M250YKA2



Ⓐ Indoor unit
Ⓑ Outdoor unit
Ⓒ Remote controller
Ⓓ Main switch (Breaker)
Ⓔ Earth

Fig. 6-1

■ **ZM200, 250**
M200, 250

■ **ZM200, 250Y**
M200, 250Y

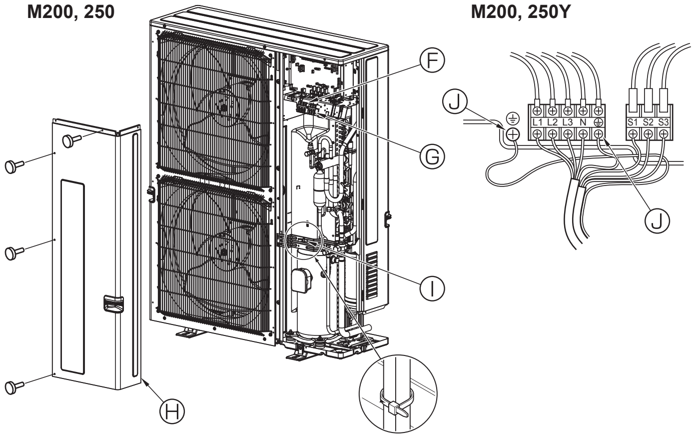


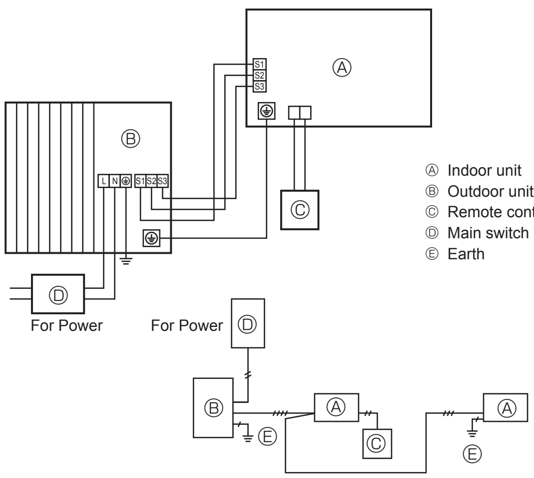
Fig. 6-2

Ⓕ 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.

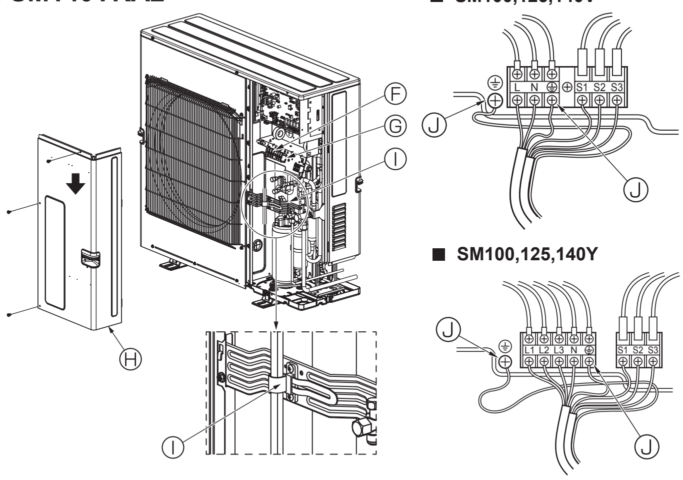
⚠ **Caution:**
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

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



Ⓐ Indoor unit
Ⓑ Outdoor unit
Ⓒ Remote controller
Ⓓ Main switch (Breaker)
Ⓔ Earth

■ **SM100,125,140V**



Ⓕ 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.

S series Model List

S series model
Combination Table

Models			Inverter Model				
Type			Heat pump				
Refrigerant			R32				
Type		Outdoor unit / Indoor unit	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA
600×600 Ceiling cassette SLZ-M series	Heat pump	SLZ-M15FA2	for Multi connection only				
		SLZ-M25FA2	●				
		SLZ-M35FA2		●			
		SLZ-M50FA2			●		
		SLZ-M60FA2				●	
Ceiling concealed SEZ-M series	Heat pump	SEZ-M25DA2	●				
		SEZ-M25DAL2	●				
		SEZ-M35DA2		●			
		SEZ-M35DAL2		●			
		SEZ-M50DA2			●		
		SEZ-M50DAL2			●		
		SEZ-M60DA2				●	
		SEZ-M60DAL2				●	
		SEZ-M71DA2					●
		SEZ-M71DAL2					●
Floor standing concealed SFZ-M series	Heat pump	SFZ-M25VA	●				
		SFZ-M35VA		●			
		SFZ-M50VA			●		
		SFZ-M60VA				●	
		SFZ-M71VA					●

B.1 600×600 CEILING CASSETTE (SLZ)

B.1.1 SPECIFICATIONS

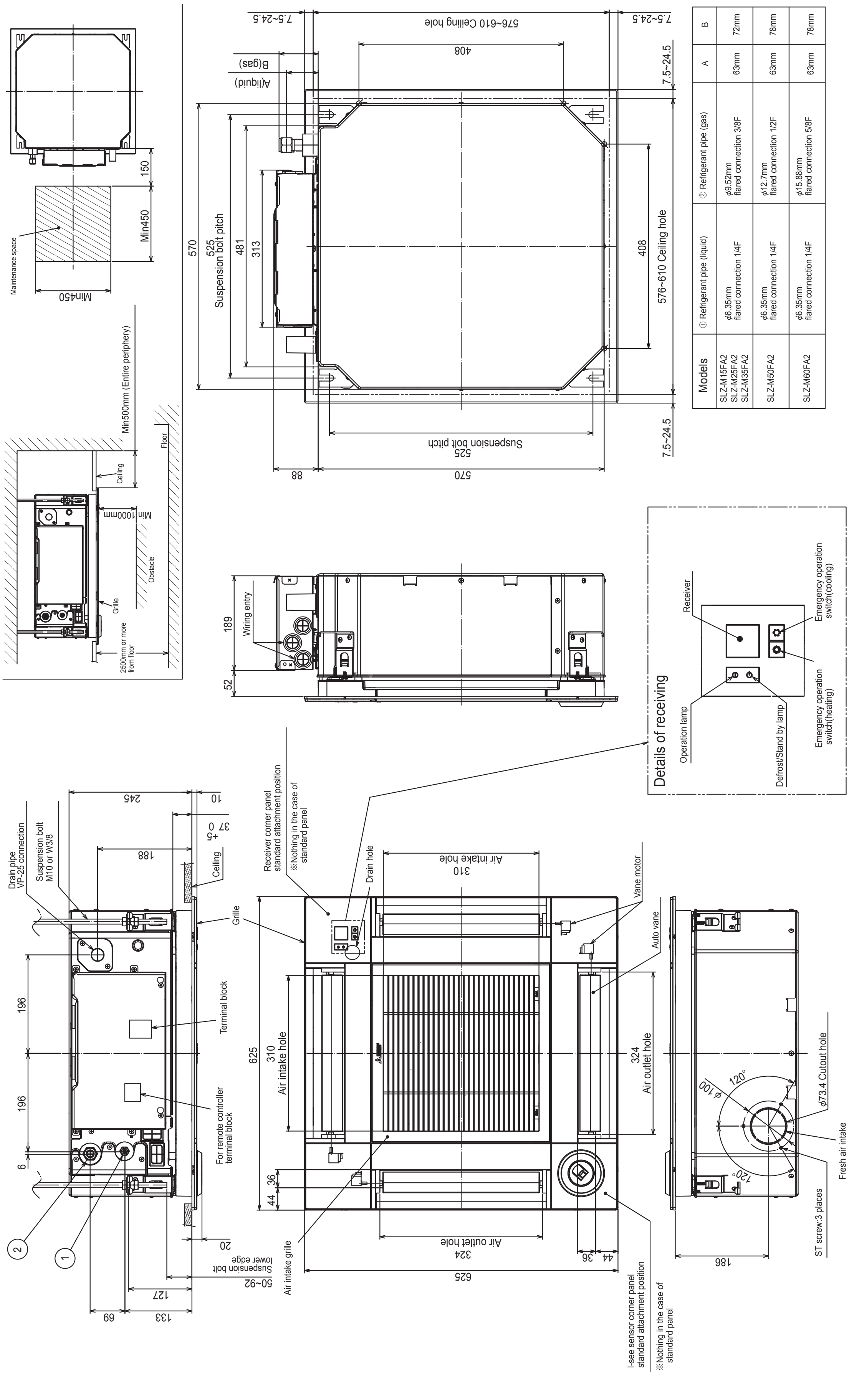
Model Name	Indoor Unit				SLZ-M15FA2	SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2
	Outdoor Unit				for Multi connection	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA
Refrigerant					R32				
Power Supply				Source	Outdoor power supply				
	Out			V	–	230	230	230	230
				Phase	–	Single	Single	Single	Single
				Hz	–	50	50	50	50
	In			V	–	–	–	–	–
				Phase	–	–	–	–	–
				Hz	–	–	–	–	–
Cooling	Capacity	Rated		kW	–	2.5	3.5	4.6	5.7
		Min.		kW	–	1.4	0.7	1.0	1.5
		Max.		kW	–	3.2	3.9	5.2	6.3
	SHF	Rated			–	0.78	0.72	0.68	0.68
	Total Input	Rated		kW	–	0.657	1.093	1.352	1.676
	EER				–	3.80	3.20	3.40	3.40
	Annual Electricity Consumption			kWh/a	–	139	183	253	321
	SEER				–	6.3	6.7	6.3	6.2
		Energy efficiency class			–	A++	A++	A++	A++
Heating	Capacity	Rated		kW	–	3.2	4.0	5.0	6.4
		Min.		kW	–	1.3	1.0	1.3	1.6
		Max.		kW	–	4.2	5.0	5.5	7.3
	Total Input	Rated		kW	–	0.886	1.078	1.562	2.133
	COP				–	3.61	3.71	3.20	3.00
	Annual Electricity Consumption			kWh/a	–	716	845	1192	1560
	SCOP				–	4.3	4.3	4.2	4.1
		Energy efficiency class			–	A+	A+	A+	A+
Operating Current(max)				A	–	7.0	8.7	13.8	15.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.02 / 0.02	0.02 / 0.02	0.02 / 0.02	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.17	0.20	0.24	0.32	0.43
	Dimensions <Panel>	H × W × D		mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>
	Weight<Panel>			kg	15<3>	15 <3>	15 <3>	15 <3>	15 <3>
	Air Volume	Lo-Mid-Hi		m³/min.	6.0-6.5-7.0	6.5-7.5-8.5	6.5-8.0-9.5	7.0-9.0-11.5	7.5-11.5-13.0
	External Static Pressure			Pa	24-26-28	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	–	25-28-31	25-30-34	27-34-39	32-40-43
	Sound Level (PWL)	Cooling			–	48	51	56	60
Outdoor Unit	Dimensions	H × W × D		mm	–	550-800-285	550-800-285	714-800-285	880-840-330
	Weight			kg	–	30	35	41	54
	Air Volume	Cooling	Rated	m³/min.	–	36.3	34.3	45.8	50.1
		Heating	Rated	m³/min.	–	34.6	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	–	45	48	48	49
			Silent	dB(A)	–	–	–	–	–
		Heating	Rated	dB(A)	–	46	48	49	51
	Sound Level (PWL)	Cooling		dB(A)	–	59	59	64	65
	Operating Current(max)			A	–	6.8	8.5	13.5	14.8
	Breaker Size			A	–	10	10	20	20
Ext. Piping	Diameter (*2)	Liquid		mm	–	6.35	6.35	6.35	6.35
		Gas		mm	–	9.52	9.52	12.7	15.88
	Max.Length	Out-In		m	–	20	20	30	30
	Max. Height	Out-In		m	–	12	12	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	–	-10	-10	-15	-15
			Upper Limit.	℃	–	+46	+46	+46	+46
		Heating	Lower Limit.	℃	–	-10	-10	-10	-10
			Upper Limit.	℃	–	+24	+24	+24	+24

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

B.1.2 OUTLINES AND DIMENSIONS
B.1.2.1 INDOOR UNIT

Unit : mm

SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2



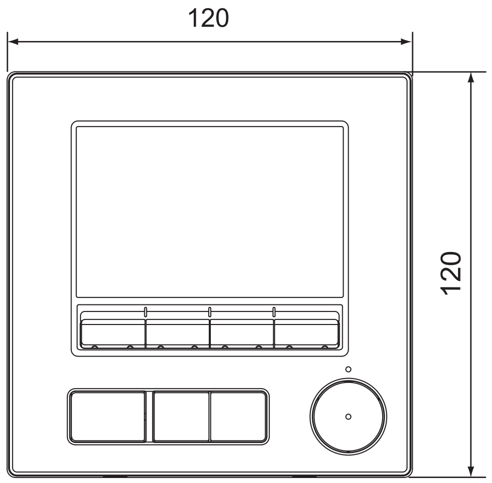
Models	① Refrigerant pipe (liquid)	② Refrigerant pipe (gas)	A	B
SLZ-M15FA2 SLZ-M25FA2 SLZ-M35FA2	φ6.35mm flared connection 1/4F	φ9.52mm flared connection 3/8F	63mm	72mm
SLZ-M50FA2	φ6.35mm flared connection 1/4F	φ12.7mm flared connection 1/2F	63mm	78mm
SLZ-M60FA2	φ6.35mm flared connection 1/4F	φ15.88mm flared connection 5/8F	63mm	78mm

B.1.2.2 WIRED REMOTE CONTROLLER(Optional parts)

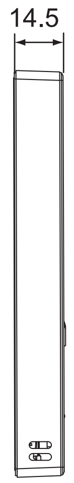
SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2

[PAR-41MAA]

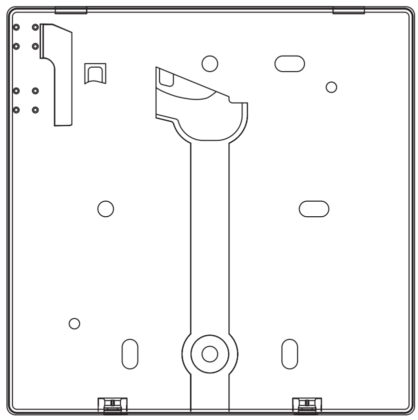
Unit : mm



(Front view)



(Side view)

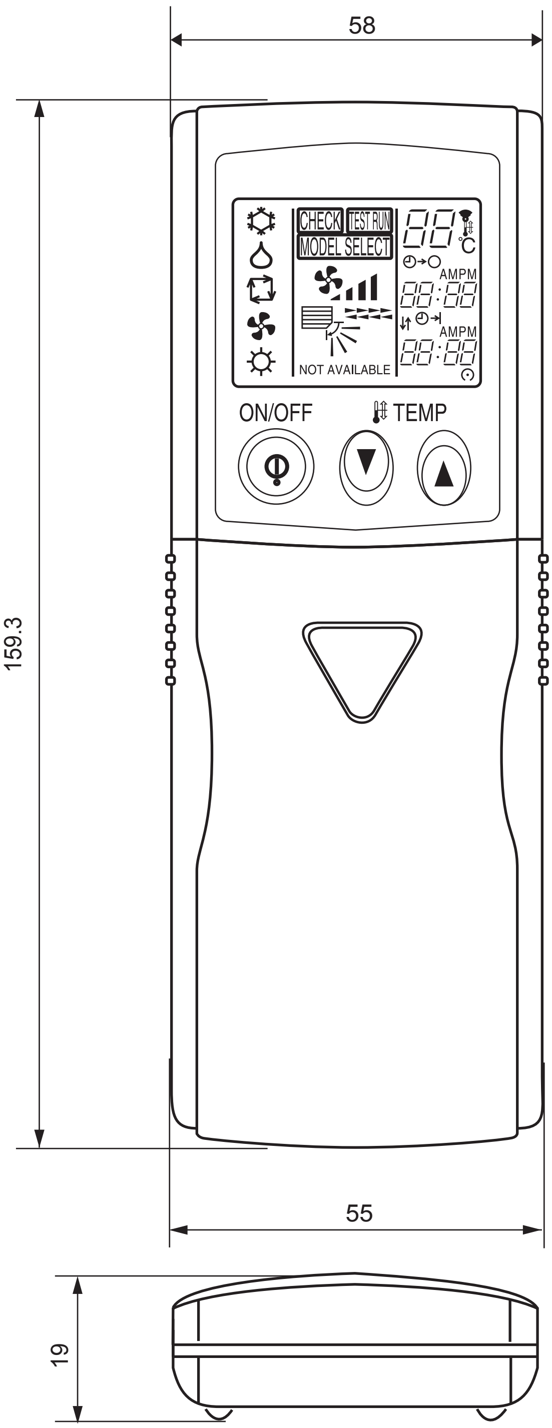

(Rear view)

B.1.2.3 WIRELESS REMOTE CONTROLLER(Optional parts)

SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2

Unit : mm

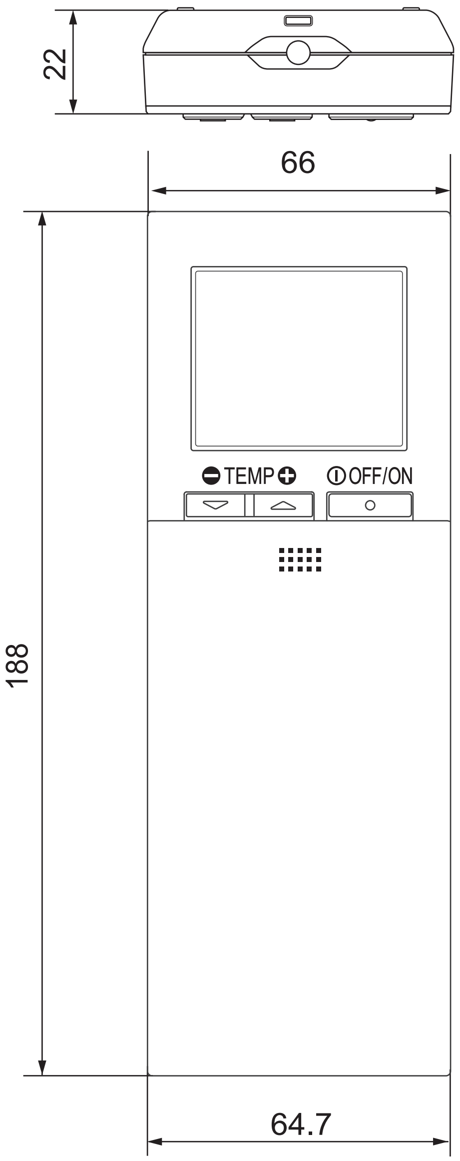
[PAR-SL97A-E]



SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2

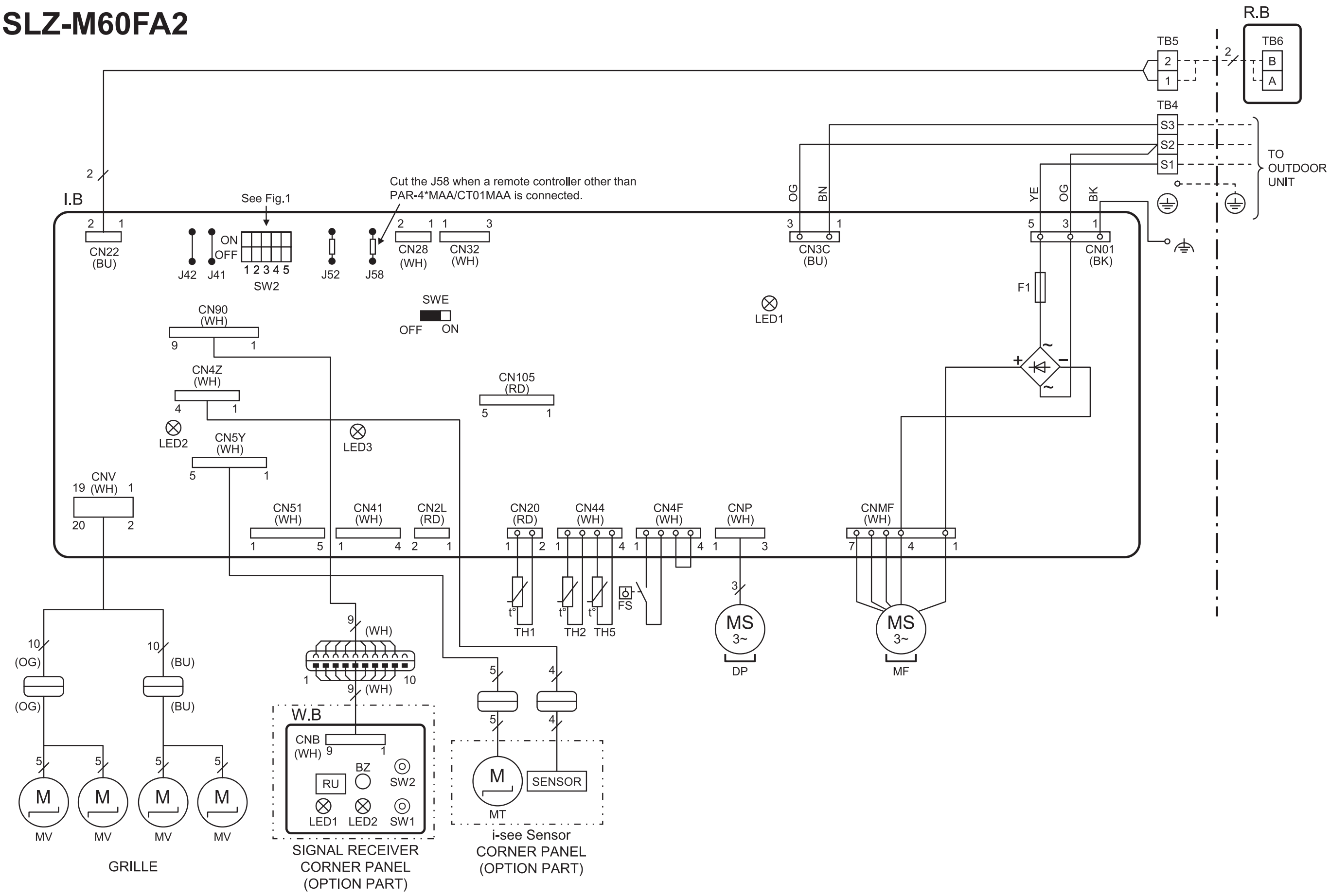
Unit : mm

[PAR-SL101A-E]



B.1.3 WIRING DIAGRAM

SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2



[LEGEND]

SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD
CN2L	CONNECTOR (LOSSNAY)
CN32	CONNECTOR (REMOTE SWITCH)
CN41	CONNECTOR (HA TERMINAL-A)
CN51	CONNECTOR (CENTRALLY CONTROL)
CN105	CONNECTOR (IT)
F1	FUSE (T6.3AL250V)
J41 J42	JUMPER WIRE (PAIR NUMBER SETTING WITH WIRELESS REMOTE CONTROLLER)
LED1	POWER SUPPLY (I.B)
LED2	POWER SUPPLY (WIRED REMOTE CONTROLLER)
LED3	COMMUNICATION (INDOOR-OUTDOOR)
SW2	DIP SWITCH (CAPACITY CODE) Refer to <Fig.1>
SWE	JUMPER SWITCH (EMERGENCY OPERATION)
DP	DRAIN PUMP
FS	FLOAT SWITCH
MF	FAN MOTOR
MV	VANE MOTOR
TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH2	PIPE TEMP. THERMISTOR (LIQUID) (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
TH5	CONDENSER / EVAPORATOR TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
OPTION PART	
W.B	WIRELESS REMOTE CONTROLLER BOARD
BZ	BUZZER
LED1	OPERATION (GREEN)
LED2	DEFROST/STAND BY (ORANGE)
RU	RECEIVING UNIT
SW1	EMERGENCY OPERATION (HEAT)
SW2	EMERGENCY OPERATION (COOL)
MT	i-see Sensor MOTOR
R.B	WIRED REMOTE CONTROLLER

<Fig.1> SW2 (CAPACITY CODE)

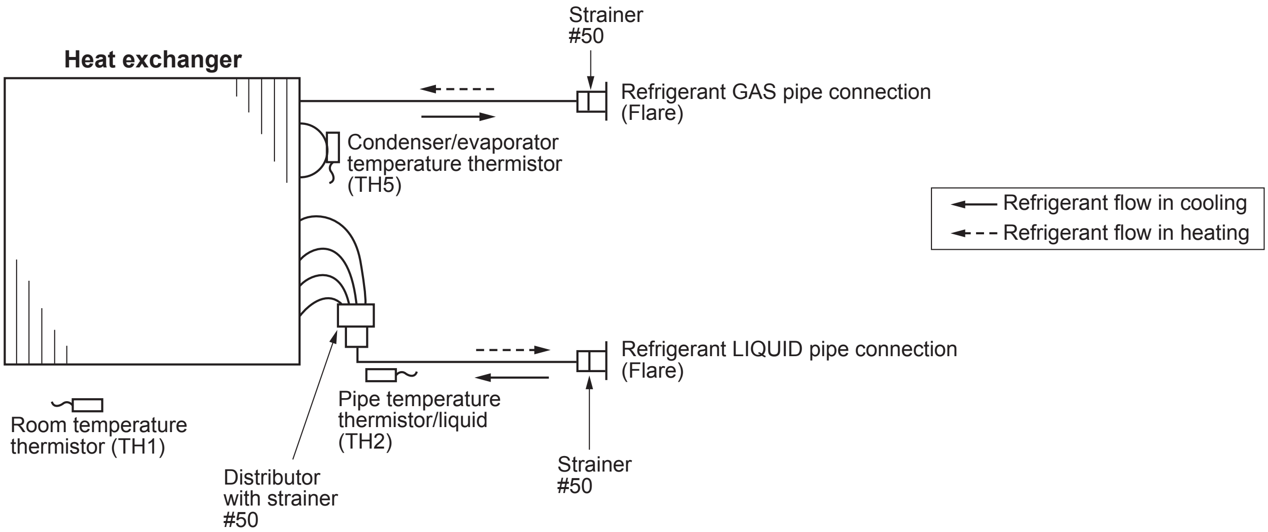
MODELS	SW2	MODELS	SW2
M15	ON OFF 1 2 3 4 5	M50	ON OFF 1 2 3 4 5
M25	ON OFF 1 2 3 4 5	M60	ON OFF 1 2 3 4 5
M35	ON OFF 1 2 3 4 5		

The black square (■) indicates a switch position.

NOTES:
1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Symbols used in wiring diagram are, ▭ / ○○○ :Connector, ☐☐☐ :Terminal (block)
4. For details on how to operate self-diagnosis refer to the technical manuals etc.

B.1.4 REFRIGERANT SYSTEM DIAGRAM

SLZ-M15FA2
SLZ-M25FA2
SLZ-M35FA2
SLZ-M50FA2
SLZ-M60FA2



B.1.5 PERFORMANCE DATA

COOLING operation at Rated frequency
SLZ-M25FA2 / SUZ-M25VA
CAPACITY : 2.500kW INPUT :0.657kW SHF :0.78

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.763	0.60	0.526	2.813	1.688	0.60	0.552	2.700	1.620	0.60	0.578	2.600	1.560	0.60	0.604
21	20	3.063	1.470	0.48	0.552	2.938	1.410	0.48	0.585	2.850	1.368	0.48	0.598	2.750	1.320	0.48	0.624
22	18	2.938	1.880	0.64	0.526	2.813	1.800	0.64	0.552	2.700	1.728	0.64	0.578	2.600	1.664	0.64	0.604
22	20	3.063	1.593	0.52	0.552	2.938	1.528	0.52	0.585	2.850	1.482	0.52	0.598	2.750	1.430	0.52	0.624
22	22	3.188	1.275	0.40	0.572	3.075	1.230	0.40	0.608	3.000	1.200	0.40	0.624	2.875	1.150	0.40	0.650
23	18	2.938	1.998	0.68	0.526	2.813	1.913	0.68	0.552	2.700	1.836	0.68	0.578	2.600	1.768	0.68	0.604
23	20	3.063	1.715	0.56	0.552	2.938	1.645	0.56	0.585	2.850	1.596	0.56	0.598	2.750	1.540	0.56	0.624
23	22	3.188	1.403	0.44	0.572	3.075	1.353	0.44	0.608	3.000	1.320	0.44	0.624	2.875	1.265	0.44	0.650
24	18	2.938	2.115	0.72	0.526	2.813	2.025	0.72	0.552	2.700	1.944	0.72	0.578	2.600	1.872	0.72	0.604
24	20	3.063	1.838	0.60	0.552	2.938	1.763	0.60	0.585	2.850	1.710	0.60	0.598	2.750	1.650	0.60	0.624
24	22	3.188	1.530	0.48	0.572	3.075	1.476	0.48	0.608	3.000	1.440	0.48	0.624	2.875	1.380	0.48	0.650
24	24	3.350	1.206	0.36	0.598	3.225	1.161	0.36	0.631	3.150	1.134	0.36	0.650	3.050	1.098	0.36	0.683
25	20	3.063	1.960	0.64	0.552	2.938	1.880	0.64	0.585	2.850	1.824	0.64	0.598	2.750	1.760	0.64	0.624
25	22	3.188	1.658	0.52	0.572	3.075	1.599	0.52	0.608	3.000	1.560	0.52	0.624	2.875	1.495	0.52	0.650
25	24	3.350	1.340	0.40	0.598	3.225	1.290	0.40	0.631	3.150	1.260	0.40	0.650	3.050	1.220	0.40	0.683
26	18	2.938	2.350	0.80	0.526	2.813	2.250	0.80	0.552	2.700	2.160	0.80	0.578	2.600	2.080	0.80	0.604
26	20	3.063	2.083	0.68	0.552	2.938	1.998	0.68	0.585	2.850	1.938	0.68	0.598	2.750	1.870	0.68	0.624
26	22	3.188	1.785	0.56	0.572	3.075	1.722	0.56	0.608	3.000	1.680	0.56	0.624	2.875	1.610	0.56	0.650
26	24	3.350	1.474	0.44	0.598	3.225	1.419	0.44	0.631	3.150	1.386	0.44	0.650	3.050	1.342	0.44	0.683
26	26	3.450	1.104	0.32	0.631	3.350	1.072	0.32	0.664	3.300	1.056	0.32	0.683	3.200	1.024	0.32	0.703
27	18	2.938	2.468	0.84	0.526	2.813	2.363	0.84	0.552	2.700	2.268	0.84	0.578	2.600	2.184	0.84	0.604
27	20	3.063	2.205	0.72	0.552	2.938	2.115	0.72	0.585	2.850	2.052	0.72	0.598	2.750	1.980	0.72	0.624
27	22	3.188	1.913	0.60	0.572	3.075	1.845	0.60	0.608	3.000	1.800	0.60	0.624	2.875	1.725	0.60	0.650
27	24	3.350	1.608	0.48	0.598	3.225	1.548	0.48	0.631	3.150	1.512	0.48	0.650	3.050	1.464	0.48	0.683
27	26	3.450	1.242	0.36	0.631	3.350	1.206	0.36	0.664	3.300	1.188	0.36	0.683	3.200	1.152	0.36	0.703
28	18	2.938	2.585	0.88	0.526	2.813	2.475	0.88	0.552	2.700	2.376	0.88	0.578	2.600	2.288	0.88	0.604
28	20	3.063	2.328	0.76	0.552	2.938	2.233	0.76	0.585	2.850	2.166	0.76	0.598	2.750	2.090	0.76	0.624
28	22	3.188	2.040	0.64	0.572	3.075	1.968	0.64	0.608	3.000	1.920	0.64	0.624	2.875	1.840	0.64	0.650
28	24	3.350	1.742	0.52	0.598	3.225	1.677	0.52	0.631	3.150	1.638	0.52	0.650	3.050	1.586	0.52	0.683
28	26	3.450	1.380	0.40	0.631	3.350	1.340	0.40	0.664	3.300	1.320	0.40	0.683	3.200	1.280	0.40	0.703
29	18	2.938	2.703	0.92	0.526	2.813	2.588	0.92	0.552	2.700	2.484	0.92	0.578	2.600	2.392	0.92	0.604
29	20	3.063	2.450	0.80	0.552	2.938	2.350	0.80	0.585	2.850	2.280	0.80	0.598	2.750	2.200	0.80	0.624
29	22	3.188	2.168	0.68	0.572	3.075	2.091	0.68	0.608	3.000	2.040	0.68	0.624	2.875	1.955	0.68	0.650
29	24	3.350	1.876	0.56	0.598	3.225	1.806	0.56	0.631	3.150	1.764	0.56	0.650	3.050	1.708	0.56	0.683
29	26	3.450	1.518	0.44	0.631	3.350	1.474	0.44	0.664	3.300	1.452	0.44	0.683	3.200	1.408	0.44	0.703
30	18	2.938	2.820	0.96	0.526	2.813	2.700	0.96	0.552	2.700	2.592	0.96	0.578	2.600	2.496	0.96	0.604
30	20	3.063	2.573	0.84	0.552	2.938	2.468	0.84	0.585	2.850	2.394	0.84	0.598	2.750	2.310	0.84	0.624
30	22	3.188	2.295	0.72	0.572	3.075	2.214	0.72	0.608	3.000	2.160	0.72	0.624	2.875	2.070	0.72	0.650
30	24	3.350	2.010	0.60	0.598	3.225	1.935	0.60	0.631	3.150	1.890	0.60	0.650	3.050	1.830	0.60	0.683
30	26	3.450	1.656	0.48	0.631	3.350	1.608	0.48	0.664	3.300	1.584	0.48	0.683	3.200	1.536	0.48	0.703
31	18	2.938	2.938	1.00	0.526	2.813	2.813	1.00	0.552	2.700	2.700	1.00	0.578	2.600	2.600	1.00	0.604
31	20	3.063	2.695	0.88	0.552	2.938	2.585	0.88	0.585	2.850	2.508	0.88	0.598	2.750	2.420	0.88	0.624
31	22	3.188	2.423	0.76	0.572	3.075	2.337	0.76	0.608	3.000	2.280	0.76	0.624	2.875	2.185	0.76	0.650
31	24	3.350	2.144	0.64	0.598	3.225	2.064	0.64	0.631	3.150	2.016	0.64	0.650	3.050	1.952	0.64	0.683
31	26	3.450	1.794	0.52	0.631	3.350	1.742	0.52	0.664	3.300	1.716	0.52	0.683	3.200	1.664	0.52	0.703
32	18	2.938	2.938	1.00	0.526	2.813	2.813	1.00	0.552	2.700	2.700	1.00	0.578	2.600	2.600	1.00	0.604
32	20	3.063	2.818	0.92	0.552	2.938	2.703	0.92	0.585	2.850	2.622	0.92	0.598	2.750	2.530	0.92	0.624
32	22	3.188	2.550	0.80	0.572	3.075	2.460	0.80	0.608	3.000	2.400	0.80	0.624	2.875	2.300	0.80	0.650
32	24	3.350	2.278	0.68	0.598	3.225	2.193	0.68	0.631	3.150	2.142	0.68	0.650	3.050	2.074	0.68	0.683
32	26	3.450	1.932	0.56	0.631	3.350	1.876	0.56	0.664	3.300	1.848	0.56	0.683	3.200	1.792	0.56	0.703

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

COOLING operation at Rated frequency
SLZ-M25FA2 / SUZ-M25VA
CAPACITY : 2.500kW INPUT :0.657kW SHF :0.78

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.470	0.60	0.644	2.250	1.350	0.60	0.683	2.075	1.245	0.60	0.710
21	20	2.575	1.236	0.48	0.670	2.400	1.152	0.48	0.703	2.225	1.068	0.48	0.742
22	18	2.450	1.568	0.64	0.644	2.250	1.440	0.64	0.683	2.075	1.328	0.64	0.710
22	20	2.575	1.339	0.52	0.670	2.400	1.248	0.52	0.703	2.225	1.157	0.52	0.742
22	22	2.725	1.090	0.40	0.696	2.550	1.020	0.40	0.736	2.375	0.950	0.40	0.762
23	18	2.450	1.666	0.68	0.644	2.250	1.530	0.68	0.683	2.075	1.411	0.68	0.710
23	20	2.575	1.442	0.56	0.670	2.400	1.344	0.56	0.703	2.225	1.246	0.56	0.742
23	22	2.725	1.199	0.44	0.696	2.550	1.122	0.44	0.736	2.375	1.045	0.44	0.762
24	18	2.450	1.764	0.72	0.644	2.250	1.620	0.72	0.683	2.075	1.494	0.72	0.710
24	20	2.575	1.545	0.60	0.670	2.400	1.440	0.60	0.703	2.225	1.335	0.60	0.742
24	22	2.725	1.308	0.48	0.696	2.550	1.224	0.48	0.736	2.375	1.140	0.48	0.762
24	24	2.875	1.035	0.36	0.723	2.700	0.972	0.36	0.756	2.550	0.918	0.36	0.788
25	20	2.575	1.648	0.64	0.670	2.400	1.536	0.64	0.703	2.225	1.424	0.64	0.742
25	22	2.725	1.417	0.52	0.696	2.550	1.326	0.52	0.736	2.375	1.235	0.52	0.762
25	24	2.875	1.150	0.40	0.723	2.700	1.080	0.40	0.756	2.550	1.020	0.40	0.788
26	18	2.450	1.960	0.80	0.644	2.250	1.800	0.80	0.683	2.075	1.660	0.80	0.710
26	20	2.575	1.751	0.68	0.670	2.400	1.632	0.68	0.703	2.225	1.513	0.68	0.742
26	22	2.725	1.526	0.56	0.696	2.550	1.428	0.56	0.736	2.375	1.330	0.56	0.762
26	24	2.875	1.265	0.44	0.723	2.700	1.188	0.44	0.756	2.550	1.122	0.44	0.788
26	26	3.025	0.968	0.32	0.749	2.850	0.912	0.32	0.782	2.675	0.856	0.32	0.815
27	18	2.450	2.058	0.84	0.644	2.250	1.890	0.84	0.683	2.075	1.743	0.84	0.710
27	20	2.575	1.854	0.72	0.670	2.400	1.728	0.72	0.703	2.225	1.602	0.72	0.742
27	22	2.725	1.635	0.60	0.696	2.550	1.530	0.60	0.736	2.375	1.425	0.60	0.762
27	24	2.875	1.380	0.48	0.723	2.700	1.296	0.48	0.756	2.550	1.224	0.48	0.788
27	26	3.025	1.089	0.36	0.749	2.850	1.026	0.36	0.782	2.675	0.963	0.36	0.815
28	18	2.450	2.156	0.88	0.644	2.250	1.980	0.88	0.683	2.075	1.826	0.88	0.710
28	20	2.575	1.957	0.76	0.670	2.400	1.824	0.76	0.703	2.225	1.691	0.76	0.742
28	22	2.725	1.744	0.64	0.696	2.550	1.632	0.64	0.736	2.375	1.520	0.64	0.762
28	24	2.875	1.495	0.52	0.723	2.700	1.404	0.52	0.756	2.550	1.326	0.52	0.788
28	26	3.025	1.210	0.40	0.749	2.850	1.140	0.40	0.782	2.675	1.070	0.40	0.815
29	18	2.450	2.254	0.92	0.644	2.250	2.070	0.92	0.683	2.075	1.909	0.92	0.710
29	20	2.575	2.060	0.80	0.670	2.400	1.920	0.80	0.703	2.225	1.780	0.80	0.742
29	22	2.725	1.853	0.68	0.696	2.550	1.734	0.68	0.736	2.375	1.615	0.68	0.762
29	24	2.875	1.610	0.56	0.723	2.700	1.512	0.56	0.756	2.550	1.428	0.56	0.788
29	26	3.025	1.331	0.44	0.749	2.850	1.254	0.44	0.782	2.675	1.177	0.44	0.815
30	18	2.450	2.352	0.96	0.644	2.250	2.160	0.96	0.683	2.075	1.992	0.96	0.710
30	20	2.575	2.163	0.84	0.670	2.400	2.016	0.84	0.703	2.225	1.869	0.84	0.742
30	22	2.725	1.962	0.72	0.696	2.550	1.836	0.72	0.736	2.375	1.710	0.72	0.762
30	24	2.875	1.725	0.60	0.723	2.700	1.620	0.60	0.756	2.550	1.530	0.60	0.788
30	26	3.025	1.452	0.48	0.749	2.850	1.368	0.48	0.782	2.675	1.284	0.48	0.815
31	18	2.450	2.450	1.00	0.644	2.250	2.250	1.00	0.683	2.075	2.075	1.00	0.710
31	20	2.575	2.266	0.88	0.670	2.400	2.112	0.88	0.703	2.225	1.958	0.88	0.742
31	22	2.725	2.071	0.76	0.696	2.550	1.938	0.76	0.736	2.375	1.805	0.76	0.762
31	24	2.875	1.840	0.64	0.723	2.700	1.728	0.64	0.756	2.550	1.632	0.64	0.788
31	26	3.025	1.573	0.52	0.749	2.850	1.482	0.52	0.782	2.675	1.391	0.52	0.815
32	18	2.450	2.450	1.00	0.644	2.250	2.250	1.00	0.683	2.075	2.075	1.00	0.710
32	20	2.575	2.369	0.92	0.670	2.400	2.208	0.92	0.703	2.225	2.047	0.92	0.742
32	22	2.725	2.180	0.80	0.696	2.550	2.040	0.80	0.736	2.375	1.900	0.80	0.762
32	24	2.875	1.955	0.68	0.723	2.700	1.836	0.68	0.756	2.550	1.734	0.68	0.788
32	26	3.025	1.694	0.56	0.749	2.850	1.596	0.56	0.782	2.675	1.498	0.56	0.815

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

COOLING operation at Rated frequency
SLZ-M35FA2 / SUZ-M35VA
CAPACITY :3.500kW INPUT :1.093kW SHF : 0.72

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.221	0.54	0.874	3.938	2.127	0.54	0.918	3.780	2.041	0.54	0.962	3.640	1.966	0.54	1.006
21	20	4.288	1.801	0.42	0.918	4.113	1.727	0.42	0.973	3.990	1.676	0.42	0.995	3.850	1.617	0.42	1.038
22	18	4.113	2.386	0.58	0.874	3.938	2.284	0.58	0.918	3.780	2.192	0.58	0.962	3.640	2.111	0.58	1.006
22	20	4.288	1.972	0.46	0.918	4.113	1.892	0.46	0.973	3.990	1.835	0.46	0.995	3.850	1.771	0.46	1.038
22	22	4.463	1.517	0.34	0.951	4.305	1.464	0.34	1.011	4.200	1.428	0.34	1.038	4.025	1.369	0.34	1.082
23	18	4.113	2.550	0.62	0.874	3.938	2.442	0.62	0.918	3.780	2.344	0.62	0.962	3.640	2.257	0.62	1.006
23	20	4.288	2.144	0.50	0.918	4.113	2.057	0.50	0.973	3.990	1.995	0.50	0.995	3.850	1.925	0.50	1.038
23	22	4.463	1.696	0.38	0.951	4.305	1.636	0.38	1.011	4.200	1.596	0.38	1.038	4.025	1.530	0.38	1.082
24	18	4.113	2.715	0.66	0.874	3.938	2.599	0.66	0.918	3.780	2.495	0.66	0.962	3.640	2.402	0.66	1.006
24	20	4.288	2.316	0.54	0.918	4.113	2.221	0.54	0.973	3.990	2.155	0.54	0.995	3.850	2.079	0.54	1.038
24	22	4.463	1.874	0.42	0.951	4.305	1.808	0.42	1.011	4.200	1.764	0.42	1.038	4.025	1.691	0.42	1.082
24	24	4.690	1.407	0.30	0.995	4.515	1.355	0.30	1.049	4.410	1.323	0.30	1.082	4.270	1.281	0.30	1.137
25	20	4.288	2.487	0.58	0.918	4.113	2.386	0.58	0.973	3.990	2.314	0.58	0.995	3.850	2.233	0.58	1.038
25	22	4.463	2.053	0.46	0.951	4.305	1.980	0.46	1.011	4.200	1.932	0.46	1.038	4.025	1.852	0.46	1.082
25	24	4.690	1.595	0.34	0.995	4.515	1.535	0.34	1.049	4.410	1.499	0.34	1.082	4.270	1.452	0.34	1.137
26	18	4.113	3.044	0.74	0.874	3.938	2.914	0.74	0.918	3.780	2.797	0.74	0.962	3.640	2.694	0.74	1.006
26	20	4.288	2.659	0.62	0.918	4.113	2.550	0.62	0.973	3.990	2.474	0.62	0.995	3.850	2.387	0.62	1.038
26	22	4.463	2.232	0.50	0.951	4.305	2.153	0.50	1.011	4.200	2.100	0.50	1.038	4.025	2.013	0.50	1.082
26	24	4.690	1.782	0.38	0.995	4.515	1.716	0.38	1.049	4.410	1.676	0.38	1.082	4.270	1.623	0.38	1.137
26	26	4.830	1.256	0.26	1.049	4.690	1.219	0.26	1.104	4.620	1.201	0.26	1.137	4.480	1.165	0.26	1.170
27	18	4.113	3.208	0.78	0.874	3.938	3.072	0.78	0.918	3.780	2.948	0.78	0.962	3.640	2.839	0.78	1.006
27	20	4.288	2.830	0.66	0.918	4.113	2.715	0.66	0.973	3.990	2.633	0.66	0.995	3.850	2.541	0.66	1.038
27	22	4.463	2.410	0.54	0.951	4.305	2.325	0.54	1.011	4.200	2.268	0.54	1.038	4.025	2.174	0.54	1.082
27	24	4.690	1.970	0.42	0.995	4.515	1.896	0.42	1.049	4.410	1.852	0.42	1.082	4.270	1.793	0.42	1.137
27	26	4.830	1.449	0.30	1.049	4.690	1.407	0.30	1.104	4.620	1.386	0.30	1.137	4.480	1.344	0.30	1.170
28	18	4.113	3.373	0.82	0.874	3.938	3.229	0.82	0.918	3.780	3.100	0.82	0.962	3.640	2.985	0.82	1.006
28	20	4.288	3.002	0.70	0.918	4.113	2.879	0.70	0.973	3.990	2.793	0.70	0.995	3.850	2.695	0.70	1.038
28	22	4.463	2.589	0.58	0.951	4.305	2.497	0.58	1.011	4.200	2.436	0.58	1.038	4.025	2.335	0.58	1.082
28	24	4.690	2.157	0.46	0.995	4.515	2.077	0.46	1.049	4.410	2.029	0.46	1.082	4.270	1.964	0.46	1.137
28	26	4.830	1.642	0.34	1.049	4.690	1.595	0.34	1.104	4.620	1.571	0.34	1.137	4.480	1.523	0.34	1.170
29	18	4.113	3.537	0.86	0.874	3.938	3.387	0.86	0.918	3.780	3.251	0.86	0.962	3.640	3.130	0.86	1.006
29	20	4.288	3.173	0.74	0.918	4.113	3.044	0.74	0.973	3.990	2.953	0.74	0.995	3.850	2.849	0.74	1.038
29	22	4.463	2.767	0.62	0.951	4.305	2.669	0.62	1.011	4.200	2.604	0.62	1.038	4.025	2.496	0.62	1.082
29	24	4.690	2.345	0.50	0.995	4.515	2.258	0.50	1.049	4.410	2.205	0.50	1.082	4.270	2.135	0.50	1.137
29	26	4.830	1.835	0.38	1.049	4.690	1.782	0.38	1.104	4.620	1.756	0.38	1.137	4.480	1.702	0.38	1.170
30	18	4.113	3.702	0.90	0.874	3.938	3.544	0.90	0.918	3.780	3.402	0.90	0.962	3.640	3.276	0.90	1.006
30	20	4.288	3.345	0.78	0.918	4.113	3.208	0.78	0.973	3.990	3.112	0.78	0.995	3.850	3.003	0.78	1.038
30	22	4.463	2.946	0.66	0.951	4.305	2.841	0.66	1.011	4.200	2.772	0.66	1.038	4.025	2.657	0.66	1.082
30	24	4.690	2.533	0.54	0.995	4.515	2.438	0.54	1.049	4.410	2.381	0.54	1.082	4.270	2.306	0.54	1.137
30	26	4.830	2.029	0.42	1.049	4.690	1.970	0.42	1.104	4.620	1.940	0.42	1.137	4.480	1.882	0.42	1.170
31	18	4.113	3.866	0.94	0.874	3.938	3.702	0.94	0.918	3.780	3.553	0.94	0.962	3.640	3.422	0.94	1.006
31	20	4.288	3.516	0.82	0.918	4.113	3.373	0.82	0.973	3.990	3.272	0.82	0.995	3.850	3.157	0.82	1.038
31	22	4.463	3.124	0.70	0.951	4.305	3.014	0.70	1.011	4.200	2.940	0.70	1.038	4.025	2.818	0.70	1.082
31	24	4.690	2.720	0.58	0.995	4.515	2.619	0.58	1.049	4.410	2.558	0.58	1.082	4.270	2.477	0.58	1.137
31	26	4.830	2.222	0.46	1.049	4.690	2.157	0.46	1.104	4.620	2.125	0.46	1.137	4.480	2.061	0.46	1.170
32	18	4.113	4.031	0.98	0.874	3.938	3.859	0.98	0.918	3.780	3.704	0.98	0.962	3.640	3.567	0.98	1.006
32	20	4.288	3.688	0.86	0.918	4.113	3.537	0.86	0.973	3.990	3.431	0.86	0.995	3.850	3.311	0.86	1.038
32	22	4.463	3.303	0.74	0.951	4.305	3.186	0.74	1.011	4.200	3.108	0.74	1.038	4.025	2.979	0.74	1.082
32	24	4.690	2.908	0.62	0.995	4.515	2.799	0.62	1.049	4.410	2.734	0.62	1.082	4.270	2.647	0.62	1.137
32	26	4.830	2.415	0.50	1.049	4.690	2.345	0.50	1.104	4.620	2.310	0.50	1.137	4.480	2.240	0.50	1.170

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

COOLING operation at Rated frequency
SLZ-M35FA2 / SUZ-M35VA
CAPACITY :3.500kW INPUT :1.093kW SHF : 0.72

INDOOR	INDOOR	OUTDOOR DB(℃)											
		35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	1.852	0.54	1.071	3.150	1.701	0.54	1.137	2.905	1.569	0.54	1.180
21	20	3.605	1.514	0.42	1.115	3.360	1.411	0.42	1.170	3.115	1.308	0.42	1.235
22	18	3.430	1.989	0.58	1.071	3.150	1.827	0.58	1.137	2.905	1.685	0.58	1.180
22	20	3.605	1.658	0.46	1.115	3.360	1.546	0.46	1.170	3.115	1.433	0.46	1.235
22	22	3.815	1.297	0.34	1.159	3.570	1.214	0.34	1.224	3.325	1.131	0.34	1.268
23	18	3.430	2.127	0.62	1.071	3.150	1.953	0.62	1.137	2.905	1.801	0.62	1.180
23	20	3.605	1.803	0.50	1.115	3.360	1.680	0.50	1.170	3.115	1.558	0.50	1.235
23	22	3.815	1.450	0.38	1.159	3.570	1.357	0.38	1.224	3.325	1.264	0.38	1.268
24	18	3.430	2.264	0.66	1.071	3.150	2.079	0.66	1.137	2.905	1.917	0.66	1.180
24	20	3.605	1.947	0.54	1.115	3.360	1.814	0.54	1.170	3.115	1.682	0.54	1.235
24	22	3.815	1.602	0.42	1.159	3.570	1.499	0.42	1.224	3.325	1.397	0.42	1.268
24	24	4.025	1.208	0.30	1.202	3.780	1.134	0.30	1.257	3.570	1.071	0.30	1.312
25	20	3.605	2.091	0.58	1.115	3.360	1.949	0.58	1.170	3.115	1.807	0.58	1.235
25	22	3.815	1.755	0.46	1.159	3.570	1.642	0.46	1.224	3.325	1.530	0.46	1.268
25	24	4.025	1.369	0.34	1.202	3.780	1.285	0.34	1.257	3.570	1.214	0.34	1.312
26	18	3.430	2.538	0.74	1.071	3.150	2.331	0.74	1.137	2.905	2.150	0.74	1.180
26	20	3.605	2.235	0.62	1.115	3.360	2.083	0.62	1.170	3.115	1.931	0.62	1.235
26	22	3.815	1.908	0.50	1.159	3.570	1.785	0.50	1.224	3.325	1.663	0.50	1.268
26	24	4.025	1.530	0.38	1.202	3.780	1.436	0.38	1.257	3.570	1.357	0.38	1.312
26	26	4.235	1.101	0.26	1.246	3.990	1.037	0.26	1.301	3.745	0.974	0.26	1.355
27	18	3.430	2.675	0.78	1.071	3.150	2.457	0.78	1.137	2.905	2.266	0.78	1.180
27	20	3.605	2.379	0.66	1.115	3.360	2.218	0.66	1.170	3.115	2.056	0.66	1.235
27	22	3.815	2.060	0.54	1.159	3.570	1.928	0.54	1.224	3.325	1.796	0.54	1.268
27	24	4.025	1.691	0.42	1.202	3.780	1.588	0.42	1.257	3.570	1.499	0.42	1.312
27	26	4.235	1.271	0.30	1.246	3.990	1.197	0.30	1.301	3.745	1.124	0.30	1.355
28	18	3.430	2.813	0.82	1.071	3.150	2.583	0.82	1.137	2.905	2.382	0.82	1.180
28	20	3.605	2.524	0.70	1.115	3.360	2.352	0.70	1.170	3.115	2.181	0.70	1.235
28	22	3.815	2.213	0.58	1.159	3.570	2.071	0.58	1.224	3.325	1.929	0.58	1.268
28	24	4.025	1.852	0.46	1.202	3.780	1.739	0.46	1.257	3.570	1.642	0.46	1.312
28	26	4.235	1.440	0.34	1.246	3.990	1.357	0.34	1.301	3.745	1.273	0.34	1.355
29	18	3.430	2.950	0.86	1.071	3.150	2.709	0.86	1.137	2.905	2.498	0.86	1.180
29	20	3.605	2.668	0.74	1.115	3.360	2.486	0.74	1.170	3.115	2.305	0.74	1.235
29	22	3.815	2.365	0.62	1.159	3.570	2.213	0.62	1.224	3.325	2.062	0.62	1.268
29	24	4.025	2.013	0.50	1.202	3.780	1.890	0.50	1.257	3.570	1.785	0.50	1.312
29	26	4.235	1.609	0.38	1.246	3.990	1.516	0.38	1.301	3.745	1.423	0.38	1.355
30	18	3.430	3.087	0.90	1.071	3.150	2.835	0.90	1.137	2.905	2.615	0.90	1.180
30	20	3.605	2.812	0.78	1.115	3.360	2.621	0.78	1.170	3.115	2.430	0.78	1.235
30	22	3.815	2.518	0.66	1.159	3.570	2.356	0.66	1.224	3.325	2.195	0.66	1.268
30	24	4.025	2.174	0.54	1.202	3.780	2.041	0.54	1.257	3.570	1.928	0.54	1.312
30	26	4.235	1.779	0.42	1.246	3.990	1.676	0.42	1.301	3.745	1.573	0.42	1.355
31	18	3.430	3.224	0.94	1.071	3.150	2.961	0.94	1.137	2.905	2.731	0.94	1.180
31	20	3.605	2.956	0.82	1.115	3.360	2.755	0.82	1.170	3.115	2.554	0.82	1.235
31	22	3.815	2.671	0.70	1.159	3.570	2.499	0.70	1.224	3.325	2.328	0.70	1.268
31	24	4.025	2.335	0.58	1.202	3.780	2.192	0.58	1.257	3.570	2.071	0.58	1.312
31	26	4.235	1.948	0.46	1.246	3.990	1.835	0.46	1.301	3.745	1.723	0.46	1.355
32	18	3.430	3.361	0.98	1.071	3.150	3.087	0.98	1.137	2.905	2.847	0.98	1.180
32	20	3.605	3.100	0.86	1.115	3.360	2.890	0.86	1.170	3.115	2.679	0.86	1.235
32	22	3.815	2.823	0.74	1.159	3.570	2.642	0.74	1.224	3.325	2.461	0.74	1.268
32	24	4.025	2.496	0.62	1.202	3.780	2.344	0.62	1.257	3.570	2.213	0.62	1.312
32	26	4.235	2.118	0.50	1.246	3.990	1.995	0.50	1.301	3.745	1.873	0.50	1.355

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

COOLING operation at Rated frequency
SLZ-M50FA2 / SUZ-M50VA
CAPACITY :4.600kW INPUT :1.352kW SHF :0.68

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.405	2.703	0.50	1.082	5.175	2.588	0.50	1.136	4.968	2.484	0.50	1.190	4.784	2.392	0.50	1.244
21	20	5.635	2.141	0.38	1.136	5.405	2.054	0.38	1.203	5.244	1.993	0.38	1.230	5.060	1.923	0.38	1.284
22	18	5.405	2.919	0.54	1.082	5.175	2.795	0.54	1.136	4.968	2.683	0.54	1.190	4.784	2.583	0.54	1.244
22	20	5.635	2.367	0.42	1.136	5.405	2.270	0.42	1.203	5.244	2.202	0.42	1.230	5.060	2.125	0.42	1.284
22	22	5.865	1.760	0.30	1.176	5.658	1.697	0.30	1.251	5.520	1.656	0.30	1.284	5.290	1.587	0.30	1.338
23	18	5.405	3.135	0.58	1.082	5.175	3.002	0.58	1.136	4.968	2.881	0.58	1.190	4.784	2.775	0.58	1.244
23	20	5.635	2.592	0.46	1.136	5.405	2.486	0.46	1.203	5.244	2.412	0.46	1.230	5.060	2.328	0.46	1.284
23	22	5.865	1.994	0.34	1.176	5.658	1.924	0.34	1.251	5.520	1.877	0.34	1.284	5.290	1.799	0.34	1.338
24	18	5.405	3.351	0.62	1.082	5.175	3.209	0.62	1.136	4.968	3.080	0.62	1.190	4.784	2.966	0.62	1.244
24	20	5.635	2.818	0.50	1.136	5.405	2.703	0.50	1.203	5.244	2.622	0.50	1.230	5.060	2.530	0.50	1.284
24	22	5.865	2.229	0.38	1.176	5.658	2.150	0.38	1.251	5.520	2.098	0.38	1.284	5.290	2.010	0.38	1.338
24	24	6.164	1.603	0.26	1.230	5.934	1.543	0.26	1.298	5.796	1.507	0.26	1.338	5.612	1.459	0.26	1.406
25	20	5.635	3.043	0.54	1.136	5.405	2.919	0.54	1.203	5.244	2.832	0.54	1.230	5.060	2.732	0.54	1.284
25	22	5.865	2.463	0.42	1.176	5.658	2.376	0.42	1.251	5.520	2.318	0.42	1.284	5.290	2.222	0.42	1.338
25	24	6.164	1.849	0.30	1.230	5.934	1.780	0.30	1.298	5.796	1.739	0.30	1.338	5.612	1.684	0.30	1.406
26	18	5.405	3.784	0.70	1.082	5.175	3.623	0.70	1.136	4.968	3.478	0.70	1.190	4.784	3.349	0.70	1.244
26	20	5.635	3.268	0.58	1.136	5.405	3.135	0.58	1.203	5.244	3.042	0.58	1.230	5.060	2.935	0.58	1.284
26	22	5.865	2.698	0.46	1.176	5.658	2.603	0.46	1.251	5.520	2.539	0.46	1.284	5.290	2.433	0.46	1.338
26	24	6.164	2.096	0.34	1.230	5.934	2.018	0.34	1.298	5.796	1.971	0.34	1.338	5.612	1.908	0.34	1.406
26	26	6.348	1.397	0.22	1.298	6.164	1.356	0.22	1.366	6.072	1.336	0.22	1.406	5.888	1.295	0.22	1.447
27	18	5.405	4.000	0.74	1.082	5.175	3.830	0.74	1.136	4.968	3.676	0.74	1.190	4.784	3.540	0.74	1.244
27	20	5.635	3.494	0.62	1.136	5.405	3.351	0.62	1.203	5.244	3.251	0.62	1.230	5.060	3.137	0.62	1.284
27	22	5.865	2.933	0.50	1.176	5.658	2.829	0.50	1.251	5.520	2.760	0.50	1.284	5.290	2.645	0.50	1.338
27	24	6.164	2.342	0.38	1.230	5.934	2.255	0.38	1.298	5.796	2.202	0.38	1.338	5.612	2.133	0.38	1.406
27	26	6.348	1.650	0.26	1.298	6.164	1.603	0.26	1.366	6.072	1.579	0.26	1.406	5.888	1.531	0.26	1.447
28	18	5.405	4.216	0.78	1.082	5.175	4.037	0.78	1.136	4.968	3.875	0.78	1.190	4.784	3.732	0.78	1.244
28	20	5.635	3.719	0.66	1.136	5.405	3.567	0.66	1.203	5.244	3.461	0.66	1.230	5.060	3.340	0.66	1.284
28	22	5.865	3.167	0.54	1.176	5.658	3.055	0.54	1.251	5.520	2.981	0.54	1.284	5.290	2.857	0.54	1.338
28	24	6.164	2.589	0.42	1.230	5.934	2.492	0.42	1.298	5.796	2.434	0.42	1.338	5.612	2.357	0.42	1.406
28	26	6.348	1.904	0.30	1.298	6.164	1.849	0.30	1.366	6.072	1.822	0.30	1.406	5.888	1.766	0.30	1.447
29	18	5.405	4.432	0.82	1.082	5.175	4.244	0.82	1.136	4.968	4.074	0.82	1.190	4.784	3.923	0.82	1.244
29	20	5.635	3.945	0.70	1.136	5.405	3.784	0.70	1.203	5.244	3.671	0.70	1.230	5.060	3.542	0.70	1.284
29	22	5.865	3.402	0.58	1.176	5.658	3.282	0.58	1.251	5.520	3.202	0.58	1.284	5.290	3.068	0.58	1.338
29	24	6.164	2.835	0.46	1.230	5.934	2.730	0.46	1.298	5.796	2.666	0.46	1.338	5.612	2.582	0.46	1.406
29	26	6.348	2.158	0.34	1.298	6.164	2.096	0.34	1.366	6.072	2.064	0.34	1.406	5.888	2.002	0.34	1.447
30	18	5.405	4.648	0.86	1.082	5.175	4.451	0.86	1.136	4.968	4.272	0.86	1.190	4.784	4.114	0.86	1.244
30	20	5.635	4.170	0.74	1.136	5.405	4.000	0.74	1.203	5.244	3.881	0.74	1.230	5.060	3.744	0.74	1.284
30	22	5.865	3.636	0.62	1.176	5.658	3.508	0.62	1.251	5.520	3.422	0.62	1.284	5.290	3.280	0.62	1.338
30	24	6.164	3.082	0.50	1.230	5.934	2.967	0.50	1.298	5.796	2.898	0.50	1.338	5.612	2.806	0.50	1.406
30	26	6.348	2.412	0.38	1.298	6.164	2.342	0.38	1.366	6.072	2.307	0.38	1.406	5.888	2.237	0.38	1.447
31	18	5.405	4.865	0.90	1.082	5.175	4.658	0.90	1.136	4.968	4.471	0.90	1.190	4.784	4.306	0.90	1.244
31	20	5.635	4.395	0.78	1.136	5.405	4.216	0.78	1.203	5.244	4.090	0.78	1.230	5.060	3.947	0.78	1.284
31	22	5.865	3.871	0.66	1.176	5.658	3.734	0.66	1.251	5.520	3.643	0.66	1.284	5.290	3.491	0.66	1.338
31	24	6.164	3.329	0.54	1.230	5.934	3.204	0.54	1.298	5.796	3.130	0.54	1.338	5.612	3.030	0.54	1.406
31	26	6.348	2.666	0.42	1.298	6.164	2.589	0.42	1.366	6.072	2.550	0.42	1.406	5.888	2.473	0.42	1.447
32	18	5.405	5.081	0.94	1.082	5.175	4.865	0.94	1.136	4.968	4.670	0.94	1.190	4.784	4.497	0.94	1.244
32	20	5.635	4.621	0.82	1.136	5.405	4.432	0.82	1.203	5.244	4.300	0.82	1.230	5.060	4.149	0.82	1.284
32	22	5.865	4.106	0.70	1.176	5.658	3.961	0.70	1.251	5.520	3.864	0.70	1.284	5.290	3.703	0.70	1.338
32	24	6.164	3.575	0.58	1.230	5.934	3.442	0.58	1.298	5.796	3.362	0.58	1.338	5.612	3.255	0.58	1.406
32	26	6.348	2.920	0.46	1.298	6.164	2.835	0.46	1.366	6.072	2.793	0.46	1.406	5.888	2.708	0.46	1.447

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

COOLING operation at Rated frequency
SLZ-M50FA2 / SUZ-M50VA
CAPACITY :4.600kW INPUT :1.352kW SHF :0.68

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.508	2.254	0.50	1.325	4.140	2.070	0.50	1.406	3.818	1.909	0.50	1.460
21	20	4.738	1.800	0.38	1.379	4.416	1.678	0.38	1.447	4.094	1.556	0.38	1.528
22	18	4.508	2.434	0.54	1.325	4.140	2.236	0.54	1.406	3.818	2.062	0.54	1.460
22	20	4.738	1.990	0.42	1.379	4.416	1.855	0.42	1.447	4.094	1.719	0.42	1.528
22	22	5.014	1.504	0.30	1.433	4.692	1.408	0.30	1.514	4.370	1.311	0.30	1.568
23	18	4.508	2.615	0.58	1.325	4.140	2.401	0.58	1.406	3.818	2.214	0.58	1.460
23	20	4.738	2.179	0.46	1.379	4.416	2.031	0.46	1.447	4.094	1.883	0.46	1.528
23	22	5.014	1.705	0.34	1.433	4.692	1.595	0.34	1.514	4.370	1.486	0.34	1.568
24	18	4.508	2.795	0.62	1.325	4.140	2.567	0.62	1.406	3.818	2.367	0.62	1.460
24	20	4.738	2.369	0.50	1.379	4.416	2.208	0.50	1.447	4.094	2.047	0.50	1.528
24	22	5.014	1.905	0.38	1.433	4.692	1.783	0.38	1.514	4.370	1.661	0.38	1.568
24	24	5.290	1.375	0.26	1.487	4.968	1.292	0.26	1.555	4.692	1.220	0.26	1.622
25	20	4.738	2.559	0.54	1.379	4.416	2.385	0.54	1.447	4.094	2.211	0.54	1.528
25	22	5.014	2.106	0.42	1.433	4.692	1.971	0.42	1.514	4.370	1.835	0.42	1.568
25	24	5.290	1.587	0.30	1.487	4.968	1.490	0.30	1.555	4.692	1.408	0.30	1.622
26	18	4.508	3.156	0.70	1.325	4.140	2.898	0.70	1.406	3.818	2.673	0.70	1.460
26	20	4.738	2.748	0.58	1.379	4.416	2.561	0.58	1.447	4.094	2.375	0.58	1.528
26	22	5.014	2.306	0.46	1.433	4.692	2.158	0.46	1.514	4.370	2.010	0.46	1.568
26	24	5.290	1.799	0.34	1.487	4.968	1.689	0.34	1.555	4.692	1.595	0.34	1.622
26	26	5.566	1.225	0.22	1.541	5.244	1.154	0.22	1.609	4.922	1.083	0.22	1.676
27	18	4.508	3.336	0.74	1.325	4.140	3.064	0.74	1.406	3.818	2.825	0.74	1.460
27	20	4.738	2.938	0.62	1.379	4.416	2.738	0.62	1.447	4.094	2.538	0.62	1.528
27	22	5.014	2.507	0.50	1.433	4.692	2.346	0.50	1.514	4.370	2.185	0.50	1.568
27	24	5.290	2.010	0.38	1.487	4.968	1.888	0.38	1.555	4.692	1.783	0.38	1.622
27	26	5.566	1.447	0.26	1.541	5.244	1.363	0.26	1.609	4.922	1.280	0.26	1.676
28	18	4.508	3.516	0.78	1.325	4.140	3.229	0.78	1.406	3.818	2.978	0.78	1.460
28	20	4.738	3.127	0.66	1.379	4.416	2.915	0.66	1.447	4.094	2.702	0.66	1.528
28	22	5.014	2.708	0.54	1.433	4.692	2.534	0.54	1.514	4.370	2.360	0.54	1.568
28	24	5.290	2.222	0.42	1.487	4.968	2.087	0.42	1.555	4.692	1.971	0.42	1.622
28	26	5.566	1.670	0.30	1.541	5.244	1.573	0.30	1.609	4.922	1.477	0.30	1.676
29	18	4.508	3.697	0.82	1.325	4.140	3.395	0.82	1.406	3.818	3.131	0.82	1.460
29	20	4.738	3.317	0.70	1.379	4.416	3.091	0.70	1.447	4.094	2.866	0.70	1.528
29	22	5.014	2.908	0.58	1.433	4.692	2.721	0.58	1.514	4.370	2.535	0.58	1.568
29	24	5.290	2.433	0.46	1.487	4.968	2.285	0.46	1.555	4.692	2.158	0.46	1.622
29	26	5.566	1.892	0.34	1.541	5.244	1.783	0.34	1.609	4.922	1.673	0.34	1.676
30	18	4.508	3.877	0.86	1.325	4.140	3.560	0.86	1.406	3.818	3.283	0.86	1.460
30	20	4.738	3.506	0.74	1.379	4.416	3.268	0.74	1.447	4.094	3.030	0.74	1.528
30	22	5.014	3.109	0.62	1.433	4.692	2.909	0.62	1.514	4.370	2.709	0.62	1.568
30	24	5.290	2.645	0.50	1.487	4.968	2.484	0.50	1.555	4.692	2.346	0.50	1.622
30	26	5.566	2.115	0.38	1.541	5.244	1.993	0.38	1.609	4.922	1.870	0.38	1.676
31	18	4.508	4.057	0.90	1.325	4.140	3.726	0.90	1.406	3.818	3.436	0.90	1.460
31	20	4.738	3.696	0.78	1.379	4.416	3.444	0.78	1.447	4.094	3.193	0.78	1.528
31	22	5.014	3.309	0.66	1.433	4.692	3.097	0.66	1.514	4.370	2.884	0.66	1.568
31	24	5.290	2.857	0.54	1.487	4.968	2.683	0.54	1.555	4.692	2.534	0.54	1.622
31	26	5.566	2.338	0.42	1.541	5.244	2.202	0.42	1.609	4.922	2.067	0.42	1.676
32	18	4.508	4.238	0.94	1.325	4.140	3.892	0.94	1.406	3.818	3.589	0.94	1.460
32	20	4.738	3.885	0.82	1.379	4.416	3.621	0.82	1.447	4.094	3.357	0.82	1.528
32	22	5.014	3.510	0.70	1.433	4.692	3.284	0.70	1.514	4.370	3.059	0.70	1.568
32	24	5.290	3.068	0.58	1.487	4.968	2.881	0.58	1.555	4.692	2.721	0.58	1.622
32	26	5.566	2.560	0.46	1.541	5.244	2.412	0.46	1.609	4.922	2.264	0.46	1.676

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

COOLING operation at Rated frequency
SLZ-M60FA2 / SUZ-M60VA

CAPACITY :5.700kW INPUT :1.676kW SHF : 0.68

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	3.349	0.50	1.341	6.413	3.207	0.50	1.408	6.156	3.078	0.50	1.475	5.928	2.964	0.50	1.542
21	20	6.983	2.654	0.38	1.408	6.698	2.545	0.38	1.492	6.498	2.469	0.38	1.525	6.270	2.383	0.38	1.592
22	18	6.698	3.617	0.54	1.341	6.413	3.463	0.54	1.408	6.156	3.324	0.54	1.475	5.928	3.201	0.54	1.542
22	20	6.983	2.933	0.42	1.408	6.698	2.813	0.42	1.492	6.498	2.729	0.42	1.525	6.270	2.633	0.42	1.592
22	22	7.268	2.180	0.30	1.458	7.011	2.103	0.30	1.550	6.840	2.052	0.30	1.592	6.555	1.967	0.30	1.659
23	18	6.698	3.885	0.58	1.341	6.413	3.720	0.58	1.408	6.156	3.570	0.58	1.475	5.928	3.438	0.58	1.542
23	20	6.983	3.212	0.46	1.408	6.698	3.081	0.46	1.492	6.498	2.989	0.46	1.525	6.270	2.884	0.46	1.592
23	22	7.268	2.471	0.34	1.458	7.011	2.384	0.34	1.550	6.840	2.326	0.34	1.592	6.555	2.229	0.34	1.659
24	18	6.698	4.153	0.62	1.341	6.413	3.976	0.62	1.408	6.156	3.817	0.62	1.475	5.928	3.675	0.62	1.542
24	20	6.983	3.492	0.50	1.408	6.698	3.349	0.50	1.492	6.498	3.249	0.50	1.525	6.270	3.135	0.50	1.592
24	22	7.268	2.762	0.38	1.458	7.011	2.664	0.38	1.550	6.840	2.599	0.38	1.592	6.555	2.491	0.38	1.659
24	24	7.638	1.986	0.26	1.525	7.353	1.912	0.26	1.609	7.182	1.867	0.26	1.659	6.954	1.808	0.26	1.743
25	20	6.983	3.771	0.54	1.408	6.698	3.617	0.54	1.492	6.498	3.509	0.54	1.525	6.270	3.386	0.54	1.592
25	22	7.268	3.053	0.42	1.458	7.011	2.945	0.42	1.550	6.840	2.873	0.42	1.592	6.555	2.753	0.42	1.659
25	24	7.638	2.291	0.30	1.525	7.353	2.206	0.30	1.609	7.182	2.155	0.30	1.659	6.954	2.086	0.30	1.743
26	18	6.698	4.689	0.70	1.341	6.413	4.489	0.70	1.408	6.156	4.309	0.70	1.475	5.928	4.150	0.70	1.542
26	20	6.983	4.050	0.58	1.408	6.698	3.885	0.58	1.492	6.498	3.769	0.58	1.525	6.270	3.637	0.58	1.592
26	22	7.268	3.343	0.46	1.458	7.011	3.225	0.46	1.550	6.840	3.146	0.46	1.592	6.555	3.015	0.46	1.659
26	24	7.638	2.597	0.34	1.525	7.353	2.500	0.34	1.609	7.182	2.442	0.34	1.659	6.954	2.364	0.34	1.743
26	26	7.866	1.731	0.22	1.609	7.638	1.680	0.22	1.693	7.524	1.655	0.22	1.743	7.296	1.605	0.22	1.793
27	18	6.698	4.957	0.74	1.341	6.413	4.746	0.74	1.408	6.156	4.555	0.74	1.475	5.928	4.387	0.74	1.542
27	20	6.983	4.329	0.62	1.408	6.698	4.153	0.62	1.492	6.498	4.029	0.62	1.525	6.270	3.887	0.62	1.592
27	22	7.268	3.634	0.50	1.458	7.011	3.506	0.50	1.550	6.840	3.420	0.50	1.592	6.555	3.278	0.50	1.659
27	24	7.638	2.902	0.38	1.525	7.353	2.794	0.38	1.609	7.182	2.729	0.38	1.659	6.954	2.643	0.38	1.743
27	26	7.866	2.045	0.26	1.609	7.638	1.986	0.26	1.693	7.524	1.956	0.26	1.743	7.296	1.897	0.26	1.793
28	18	6.698	5.224	0.78	1.341	6.413	5.002	0.78	1.408	6.156	4.802	0.78	1.475	5.928	4.624	0.78	1.542
28	20	6.983	4.609	0.66	1.408	6.698	4.421	0.66	1.492	6.498	4.289	0.66	1.525	6.270	4.138	0.66	1.592
28	22	7.268	3.925	0.54	1.458	7.011	3.786	0.54	1.550	6.840	3.694	0.54	1.592	6.555	3.540	0.54	1.659
28	24	7.638	3.208	0.42	1.525	7.353	3.088	0.42	1.609	7.182	3.016	0.42	1.659	6.954	2.921	0.42	1.743
28	26	7.866	2.360	0.30	1.609	7.638	2.291	0.30	1.693	7.524	2.257	0.30	1.743	7.296	2.189	0.30	1.793
29	18	6.698	5.492	0.82	1.341	6.413	5.259	0.82	1.408	6.156	5.048	0.82	1.475	5.928	4.861	0.82	1.542
29	20	6.983	4.888	0.70	1.408	6.698	4.689	0.70	1.492	6.498	4.549	0.70	1.525	6.270	4.389	0.70	1.592
29	22	7.268	4.215	0.58	1.458	7.011	4.066	0.58	1.550	6.840	3.967	0.58	1.592	6.555	3.802	0.58	1.659
29	24	7.638	3.513	0.46	1.525	7.353	3.382	0.46	1.609	7.182	3.304	0.46	1.659	6.954	3.199	0.46	1.743
29	26	7.866	2.674	0.34	1.609	7.638	2.597	0.34	1.693	7.524	2.558	0.34	1.743	7.296	2.481	0.34	1.793
30	18	6.698	5.760	0.86	1.341	6.413	5.515	0.86	1.408	6.156	5.294	0.86	1.475	5.928	5.098	0.86	1.542
30	20	6.983	5.167	0.74	1.408	6.698	4.957	0.74	1.492	6.498	4.809	0.74	1.525	6.270	4.640	0.74	1.592
30	22	7.268	4.506	0.62	1.458	7.011	4.347	0.62	1.550	6.840	4.241	0.62	1.592	6.555	4.064	0.62	1.659
30	24	7.638	3.819	0.50	1.525	7.353	3.677	0.50	1.609	7.182	3.591	0.50	1.659	6.954	3.477	0.50	1.743
30	26	7.866	2.989	0.38	1.609	7.638	2.902	0.38	1.693	7.524	2.859	0.38	1.743	7.296	2.772	0.38	1.793
31	18	6.698	6.028	0.90	1.341	6.413	5.772	0.90	1.408	6.156	5.540	0.90	1.475	5.928	5.335	0.90	1.542
31	20	6.983	5.447	0.78	1.408	6.698	5.224	0.78	1.492	6.498	5.068	0.78	1.525	6.270	4.891	0.78	1.592
31	22	7.268	4.797	0.66	1.458	7.011	4.627	0.66	1.550	6.840	4.514	0.66	1.592	6.555	4.326	0.66	1.659
31	24	7.638	4.125	0.54	1.525	7.353	3.971	0.54	1.609	7.182	3.878	0.54	1.659	6.954	3.755	0.54	1.743
31	26	7.866	3.304	0.42	1.609	7.638	3.208	0.42	1.693	7.524	3.160	0.42	1.743	7.296	3.064	0.42	1.793
32	18	6.698	6.296	0.94	1.341	6.413	6.028	0.94	1.408	6.156	5.787	0.94	1.475	5.928	5.572	0.94	1.542
32	20	6.983	5.726	0.82	1.408	6.698	5.492	0.82	1.492	6.498	5.328	0.82	1.525	6.270	5.141	0.82	1.592
32	22	7.268	5.088	0.70	1.458	7.011	4.908	0.70	1.550	6.840	4.788	0.70	1.592	6.555	4.589	0.70	1.659
32	24	7.638	4.430	0.58	1.525	7.353	4.265	0.58	1.609	7.182	4.166	0.58	1.659	6.954	4.033	0.58	1.743
32	26	7.866	3.618	0.46	1.609	7.638	3.513	0.46	1.693	7.524	3.461	0.46	1.743	7.296	3.356	0.46	1.793

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

COOLING operation at Rated frequency
SLZ-M60FA2 / SUZ-M60VA
CAPACITY :5.700kW INPUT :1.676kW SHF : 0.68

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	2.793	0.50	1.642	5.130	2.565	0.50	1.743	4.731	2.366	0.50	1.810
21	20	5.871	2.231	0.38	1.710	5.472	2.079	0.38	1.793	5.073	1.928	0.38	1.894
22	18	5.586	3.016	0.54	1.642	5.130	2.770	0.54	1.743	4.731	2.555	0.54	1.810
22	20	5.871	2.466	0.42	1.710	5.472	2.298	0.42	1.793	5.073	2.131	0.42	1.894
22	22	6.213	1.864	0.30	1.777	5.814	1.744	0.30	1.877	5.415	1.625	0.30	1.944
23	18	5.586	3.240	0.58	1.642	5.130	2.975	0.58	1.743	4.731	2.744	0.58	1.810
23	20	5.871	2.701	0.46	1.710	5.472	2.517	0.46	1.793	5.073	2.334	0.46	1.894
23	22	6.213	2.112	0.34	1.777	5.814	1.977	0.34	1.877	5.415	1.841	0.34	1.944
24	18	5.586	3.463	0.62	1.642	5.130	3.181	0.62	1.743	4.731	2.933	0.62	1.810
24	20	5.871	2.936	0.50	1.710	5.472	2.736	0.50	1.793	5.073	2.537	0.50	1.894
24	22	6.213	2.361	0.38	1.777	5.814	2.209	0.38	1.877	5.415	2.058	0.38	1.944
24	24	6.555	1.704	0.26	1.844	6.156	1.601	0.26	1.927	5.814	1.512	0.26	2.011
25	20	5.871	3.170	0.54	1.710	5.472	2.955	0.54	1.793	5.073	2.739	0.54	1.894
25	22	6.213	2.609	0.42	1.777	5.814	2.442	0.42	1.877	5.415	2.274	0.42	1.944
25	24	6.555	1.967	0.30	1.844	6.156	1.847	0.30	1.927	5.814	1.744	0.30	2.011
26	18	5.586	3.910	0.70	1.642	5.130	3.591	0.70	1.743	4.731	3.312	0.70	1.810
26	20	5.871	3.405	0.58	1.710	5.472	3.174	0.58	1.793	5.073	2.942	0.58	1.894
26	22	6.213	2.858	0.46	1.777	5.814	2.674	0.46	1.877	5.415	2.491	0.46	1.944
26	24	6.555	2.229	0.34	1.844	6.156	2.093	0.34	1.927	5.814	1.977	0.34	2.011
26	26	6.897	1.517	0.22	1.911	6.498	1.430	0.22	1.994	6.099	1.342	0.22	2.078
27	18	5.586	4.134	0.74	1.642	5.130	3.796	0.74	1.743	4.731	3.501	0.74	1.810
27	20	5.871	3.640	0.62	1.710	5.472	3.393	0.62	1.793	5.073	3.145	0.62	1.894
27	22	6.213	3.107	0.50	1.777	5.814	2.907	0.50	1.877	5.415	2.708	0.50	1.944
27	24	6.555	2.491	0.38	1.844	6.156	2.339	0.38	1.927	5.814	2.209	0.38	2.011
27	26	6.897	1.793	0.26	1.911	6.498	1.689	0.26	1.994	6.099	1.586	0.26	2.078
28	18	5.586	4.357	0.78	1.642	5.130	4.001	0.78	1.743	4.731	3.690	0.78	1.810
28	20	5.871	3.875	0.66	1.710	5.472	3.612	0.66	1.793	5.073	3.348	0.66	1.894
28	22	6.213	3.355	0.54	1.777	5.814	3.140	0.54	1.877	5.415	2.924	0.54	1.944
28	24	6.555	2.753	0.42	1.844	6.156	2.586	0.42	1.927	5.814	2.442	0.42	2.011
28	26	6.897	2.069	0.30	1.911	6.498	1.949	0.30	1.994	6.099	1.830	0.30	2.078
29	18	5.586	4.581	0.82	1.642	5.130	4.207	0.82	1.743	4.731	3.879	0.82	1.810
29	20	5.871	4.110	0.70	1.710	5.472	3.830	0.70	1.793	5.073	3.551	0.70	1.894
29	22	6.213	3.604	0.58	1.777	5.814	3.372	0.58	1.877	5.415	3.141	0.58	1.944
29	24	6.555	3.015	0.46	1.844	6.156	2.832	0.46	1.927	5.814	2.674	0.46	2.011
29	26	6.897	2.345	0.34	1.911	6.498	2.209	0.34	1.994	6.099	2.074	0.34	2.078
30	18	5.586	4.804	0.86	1.642	5.130	4.412	0.86	1.743	4.731	4.069	0.86	1.810
30	20	5.871	4.345	0.74	1.710	5.472	4.049	0.74	1.793	5.073	3.754	0.74	1.894
30	22	6.213	3.852	0.62	1.777	5.814	3.605	0.62	1.877	5.415	3.357	0.62	1.944
30	24	6.555	3.278	0.50	1.844	6.156	3.078	0.50	1.927	5.814	2.907	0.50	2.011
30	26	6.897	2.621	0.38	1.911	6.498	2.469	0.38	1.994	6.099	2.318	0.38	2.078
31	18	5.586	5.027	0.90	1.642	5.130	4.617	0.90	1.743	4.731	4.258	0.90	1.810
31	20	5.871	4.579	0.78	1.710	5.472	4.268	0.78	1.793	5.073	3.957	0.78	1.894
31	22	6.213	4.101	0.66	1.777	5.814	3.837	0.66	1.877	5.415	3.574	0.66	1.944
31	24	6.555	3.540	0.54	1.844	6.156	3.324	0.54	1.927	5.814	3.140	0.54	2.011
31	26	6.897	2.897	0.42	1.911	6.498	2.729	0.42	1.994	6.099	2.562	0.42	2.078
32	18	5.586	5.251	0.94	1.642	5.130	4.822	0.94	1.743	4.731	4.447	0.94	1.810
32	20	5.871	4.814	0.82	1.710	5.472	4.487	0.82	1.793	5.073	4.160	0.82	1.894
32	22	6.213	4.349	0.70	1.777	5.814	4.070	0.70	1.877	5.415	3.791	0.70	1.944
32	24	6.555	3.802	0.58	1.844	6.156	3.570	0.58	1.927	5.814	3.372	0.58	2.011
32	26	6.897	3.173	0.46	1.911	6.498	2.989	0.46	1.994	6.099	2.806	0.46	2.078

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

HEATING operation

SLZ-M25FA2 / SUZ-M25VA at Rated frequency

CAPACITY :3.200kW INPUT :0.886kW

	OUTDOOR WB(℃)															
INDOOR	-15		-10		-5		0		5		10		15		20	
DB(℃)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.600	0.461	2.016	0.576	2.432	0.691	2.848	0.780	3.264	0.842	3.680	0.895	4.064	0.921	4.480	0.939
21	1.504	0.491	1.920	0.620	2.304	0.735	2.720	0.815	3.104	0.877	3.520	0.921	3.904	0.948	4.304	0.983
26	1.312	0.532	1.728	0.665	2.144	0.780	2.528	0.859	2.944	0.921	3.360	0.966	3.744	0.992	4.160	1.019

SLZ-M35FA2 / SUZ-M35VA at Rated frequency

CAPACITY :4.000kW INPUT :1.078kW

	OUTDOOR WB(℃)															
INDOOR	-15		-10		-5		0		5		10		15		20	
DB(℃)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.000	0.561	2.520	0.701	3.040	0.841	3.560	0.949	4.080	1.024	4.600	1.089	5.080	1.121	5.600	1.143
21	1.880	0.597	2.400	0.755	2.880	0.895	3.400	0.992	3.880	1.067	4.400	1.121	4.880	1.153	5.380	1.197
26	1.640	0.647	2.160	0.809	2.680	0.949	3.160	1.046	3.680	1.121	4.200	1.175	4.680	1.207	5.200	1.240

SLZ-M50FA2 / SUZ-M50VA at Rated frequency

CAPACITY :5.000kW INPUT :1.562kW

	OUTDOOR WB(℃)															
INDOOR	-15		-10		-5		0		5		10		15		20	
DB(℃)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.500	0.812	3.150	1.015	3.800	1.218	4.450	1.375	5.100	1.484	5.750	1.578	6.350	1.624	7.000	1.656
21	2.350	0.865	3.000	1.093	3.600	1.296	4.250	1.437	4.850	1.546	5.500	1.624	6.100	1.671	6.725	1.734
26	2.050	0.937	2.700	1.172	3.350	1.375	3.950	1.515	4.600	1.624	5.250	1.703	5.850	1.749	6.500	1.796

SLZ-M60FA2 / SUZ-M60VA at Rated frequency

CAPACITY :6.400kW INPUT :2.133kW

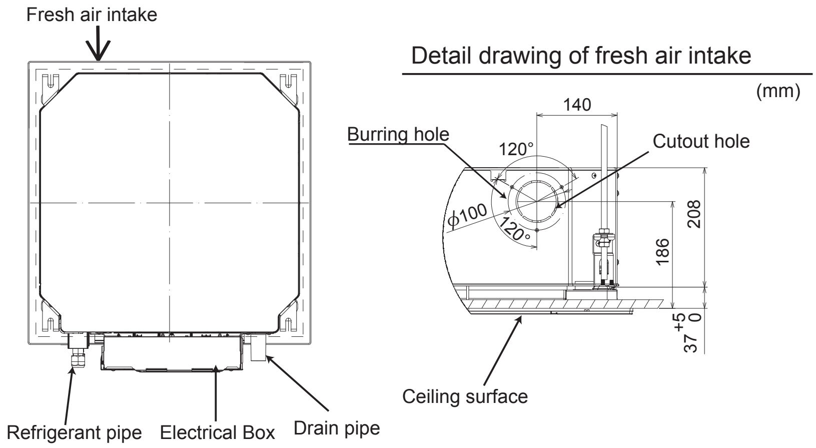
	OUTDOOR WB(℃)															
INDOOR	-15		-10		-5		0		5		10		15		20	
DB(℃)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.200	1.109	4.032	1.386	4.864	1.664	5.696	1.877	6.528	2.026	7.360	2.154	8.128	2.218	8.960	2.261
21	3.008	1.182	3.840	1.493	4.608	1.770	5.440	1.962	6.208	2.112	7.040	2.218	7.808	2.282	8.608	2.368
26	2.624	1.280	3.456	1.600	4.288	1.877	5.056	2.069	5.888	2.218	6.720	2.325	7.488	2.389	8.320	2.453

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

B.1.6 4-WAY AIR FLOW SYSTEM

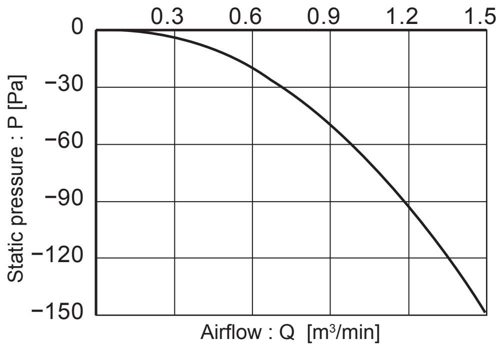
1. FRESH AIR INTAKE (LOCATION FOR INSTALLATION)

At the time of installation, use the duct holes (cut out) located at the positions shown in following diagram, as and when required.



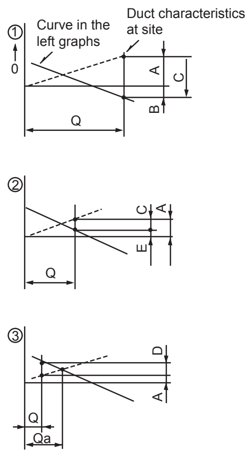
2. FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

Taking air into the unit



NOTE: Fresh air intake amount should be 10% or less of whole air amount to prevent dew dripping.

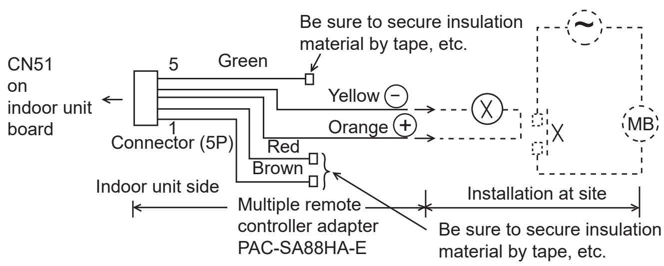
How to read curves

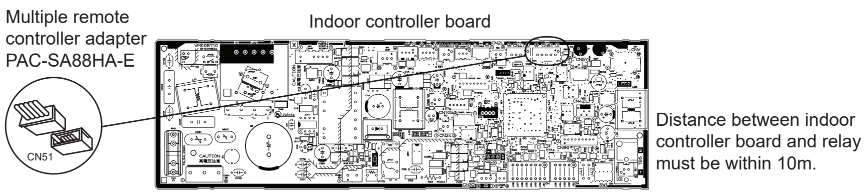


Q···Designed amount of fresh air intake <m³/min>
A···Static pressure loss of fresh air intake duct system with airflow amount Q <Pa>
B···Forced static pressure at air conditioner inlet with airflow amount Q <Pa>
C···Static pressure of booster fan with airflow amount Q <Pa>
D···Static pressure loss increase amount of fresh air intake duct system for airflow amount Q <Pa>
E···Static pressure of indoor unit with airflow amount Q <Pa>
Qa···Estimated amount of fresh air intake without D <m³/min>

3. OPERATION IN CONJUNCTION WITH DUCT FAN (BOOSTER FAN)

- Whenever the indoor unit operates, the duct fan operates.
  (1) Connect the optional multiple remote controller adapter (PAC-SA88HA-E) to the connector CN51 on the indoor controller board.
  (2) Drive the relay after connecting the 12 V DC relay between the Yellow and Orange connector wires.
  Use a relay of 1W or smaller.
  MB: Electromagnetic switch power relay for duct fan.
  X: Auxiliary relay (12 V DC LY-1F)



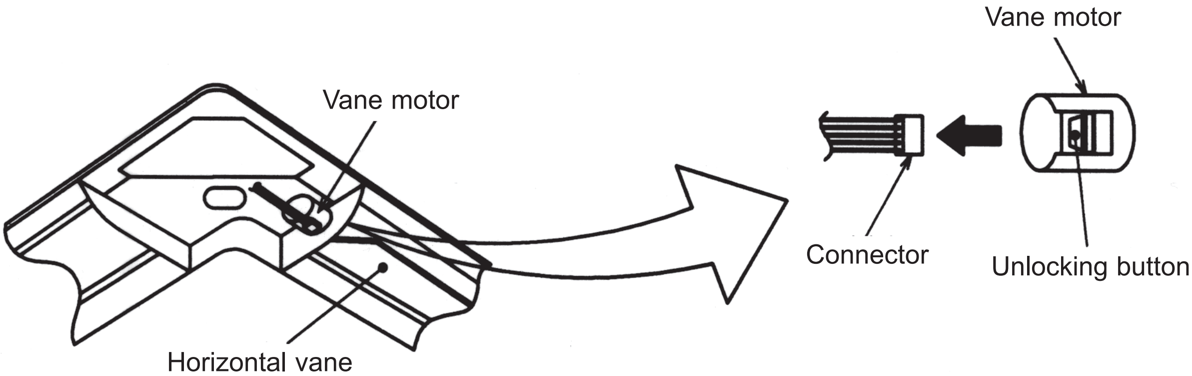


4. FIXING HORIZONTAL VANE

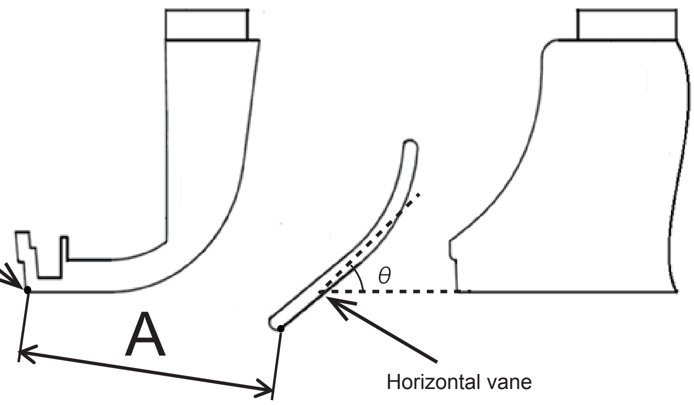
Horizontal vane of each air outlet can be fixed according to the environment where it is installed.

Setting procedure

1) Turn off a main power supply (Turn off a breaker).
2) Remove the vane motor connector in the direction of the arrow shown below with pressing the unlocking button as in the figure below.
   Insulate the disconnected connector with the plastic tape.



3) Set the vertical vane of the air outlet by hand slowly within the range in the table below.



<Set range>

Standard of horizontal position	Angle θ = 21° (Horizontal)	Angle θ = 24°	Angle θ = 39°	Angle θ = 42°	Angle θ = 45° (Downward)
Dimension A (mm)	39	41	47	48	49

Note: Dimension between 39 mm and 49 mm can be arbitrarily set.

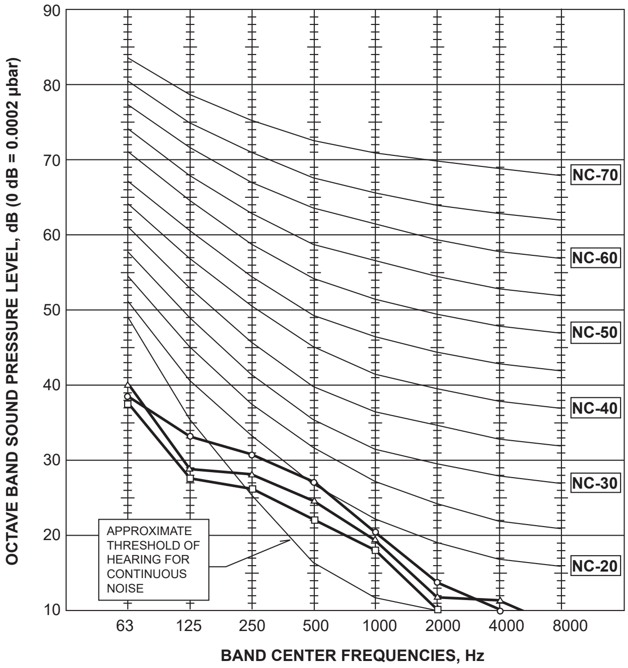
Caution ⚠	Do not set the dimension out of the range.
	Erroneous setting could cause dew drips or malfunction of unit.

B.1.7 NOISE CRITERIA CURVES

SLZ-M15FA2

<50Hz>

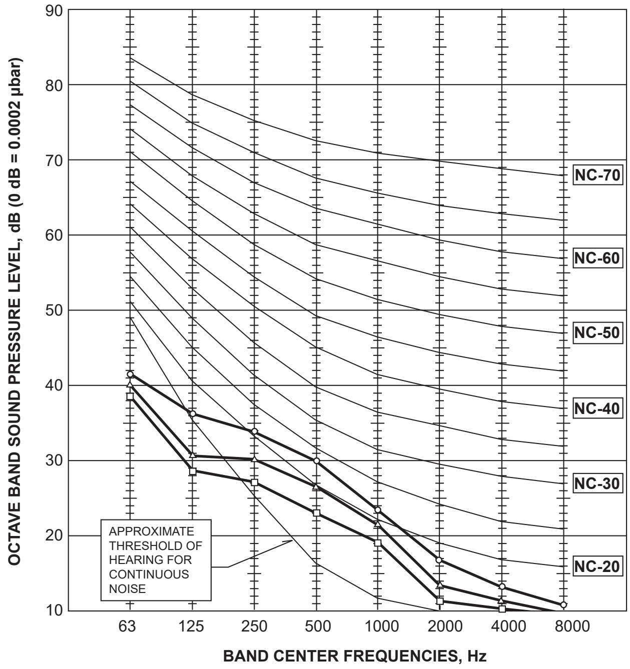
NOTCH	SPL(dB)	LINE
High	28	o——o
Medium	26	△——△
Low	24	□——□



SLZ-M25FA2

<50Hz>

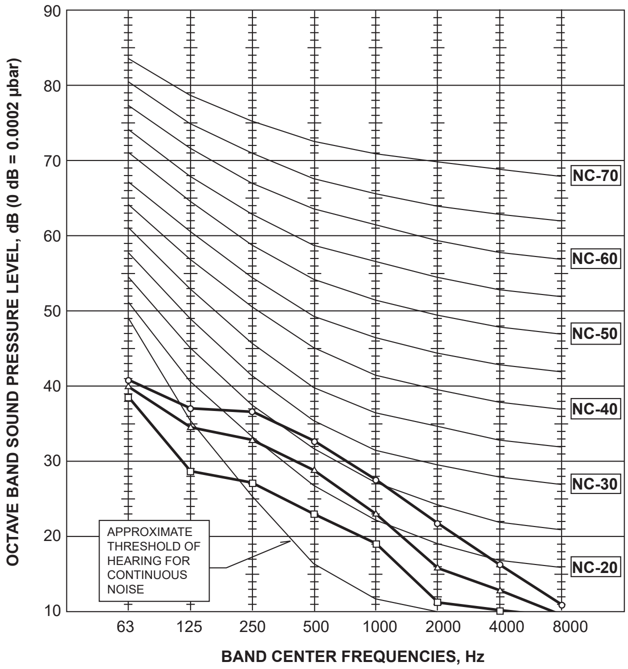
NOTCH	SPL(dB)	LINE
High	31	o——o
Medium	28	△——△
Low	25	□——□



SLZ-M35FA2

<50Hz>

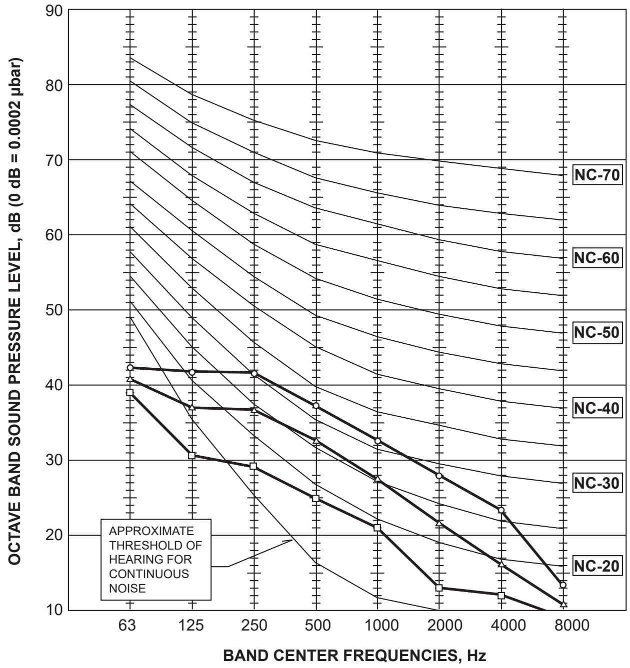
NOTCH	SPL(dB)	LINE
High	34	o——o
Medium	30	△——△
Low	25	□——□



SLZ-M50FA2

<50Hz>

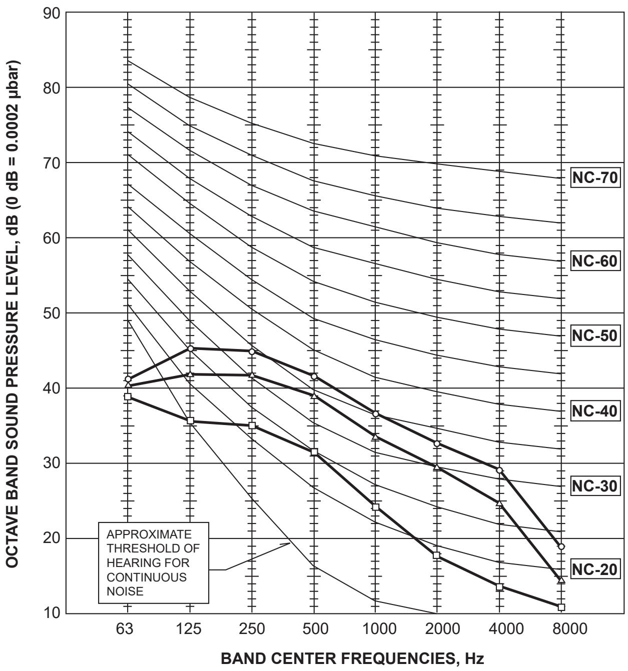
NOTCH	SPL(dB)	LINE
High	39	o——o
Medium	34	△——△
Low	27	□——□

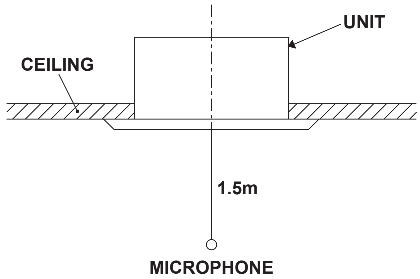


SLZ-M60FA2

<50Hz>

NOTCH	SPL(dB)	LINE
High	43	○—○
Medium	40	△—△
Low	32	□—□





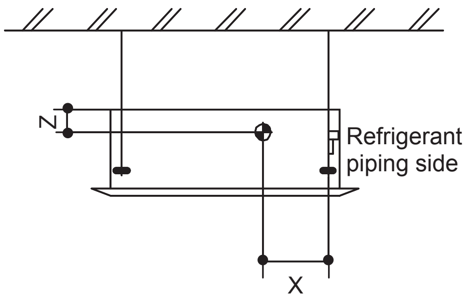
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than the indicated level in actual use due to surrounding echoes. The sound level can be higher by about 2 dB than the indicated level during cooling and heating operation.

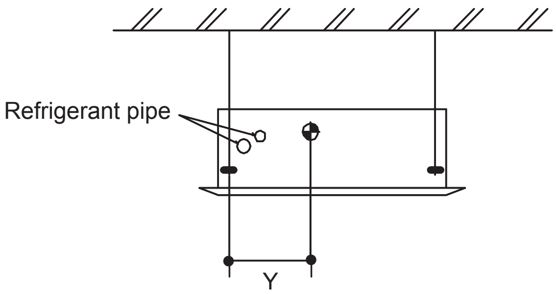
B.1.8 OUTLET AIR SPEED AND COVERAGE RANGE

		SLZ-M15FA2	SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2
Air flow	m³/min	7.0	8.5	9.5	11.5	13.0
Air speed	m/sec	1.7	2.1	2.3	2.8	3.2
Coverage range	m	2.7	3.3	3.6	4.2	4.8

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

B.1.9 CENTER OF GRAVITY POSITION

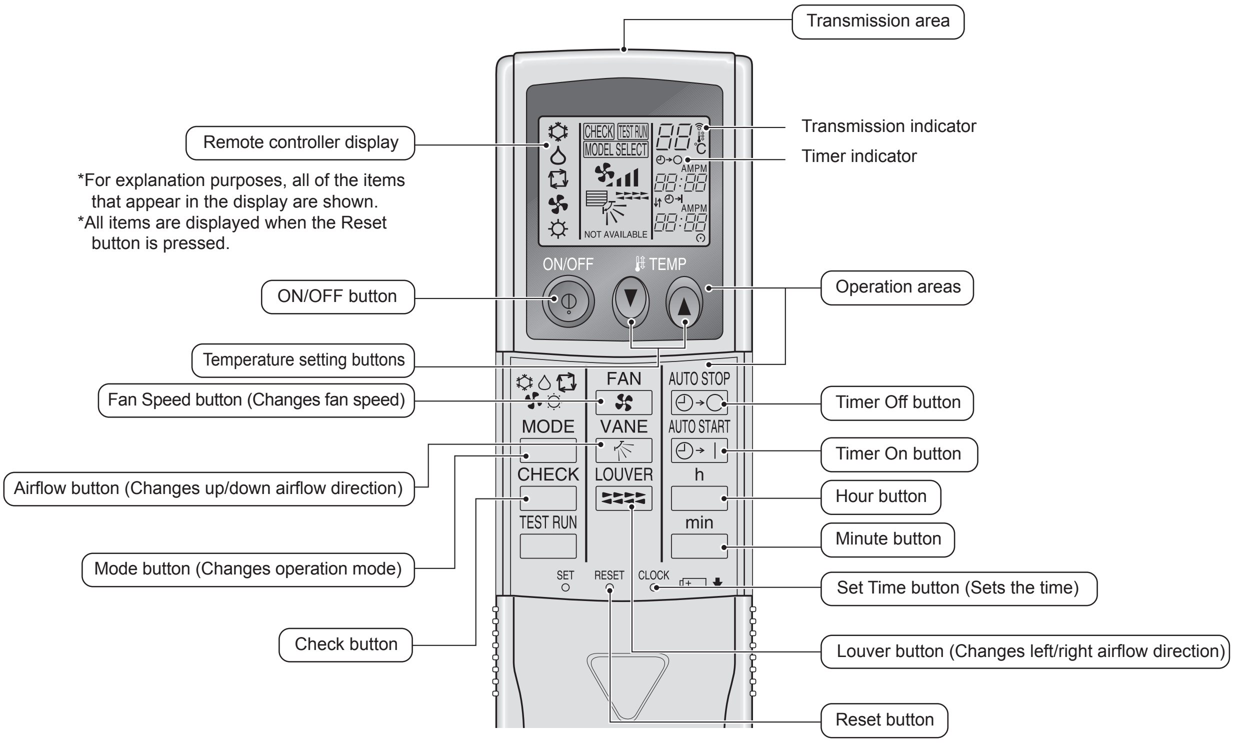




Model	X	Y	Z
SLZ-M15FA2	150	260	105
SLZ-M25FA2	150	260	105
SLZ-M35FA2	150	260	105
SLZ-M50FA2	150	260	105
SLZ-M60FA2	150	260	105

B.1.10 REMOTE CONTROLLER
B.1.10.1 WIRELESS REMOTE CONTROLLER

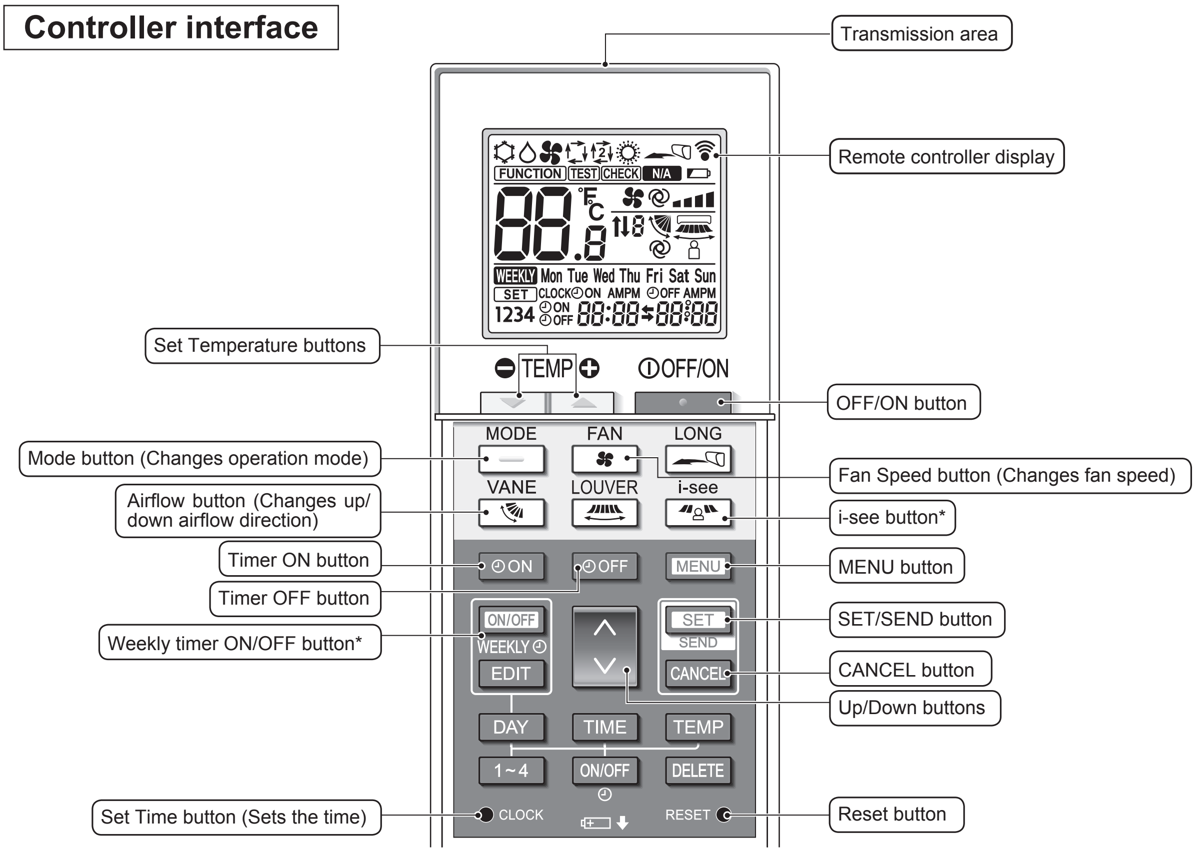
[PAR-SL97A-E]



[PAR-SL101A-E]

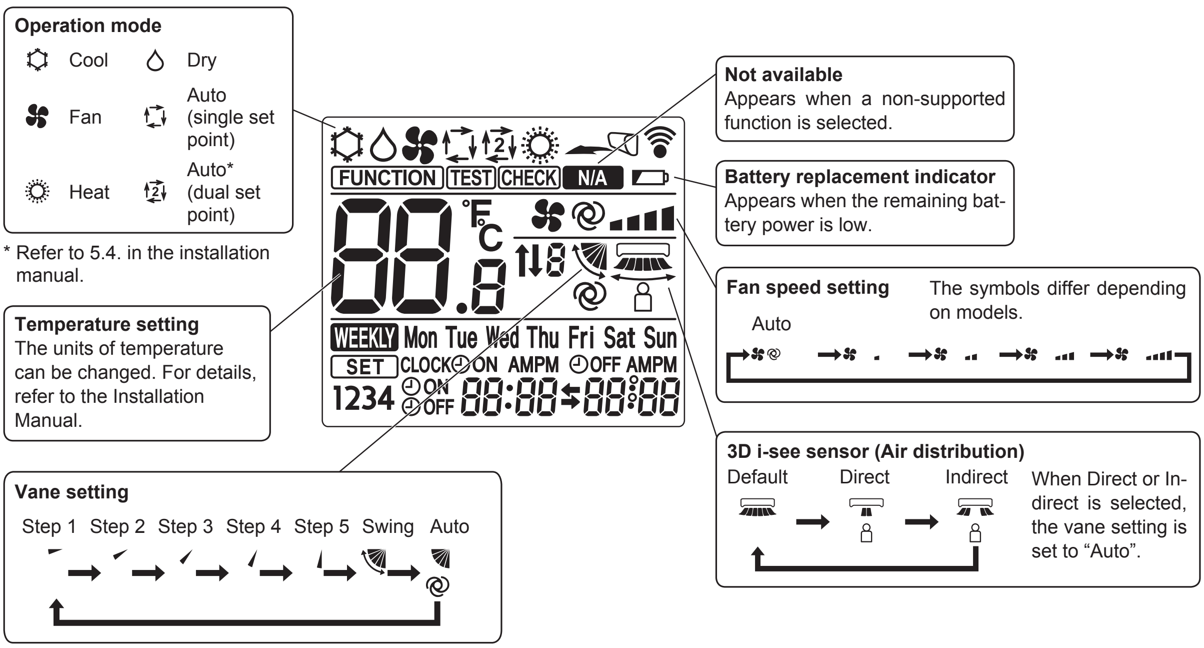
When cover is open

Controller interface



Note:
* **This button is enabled or disabled depending on the model of the indoor unit.**

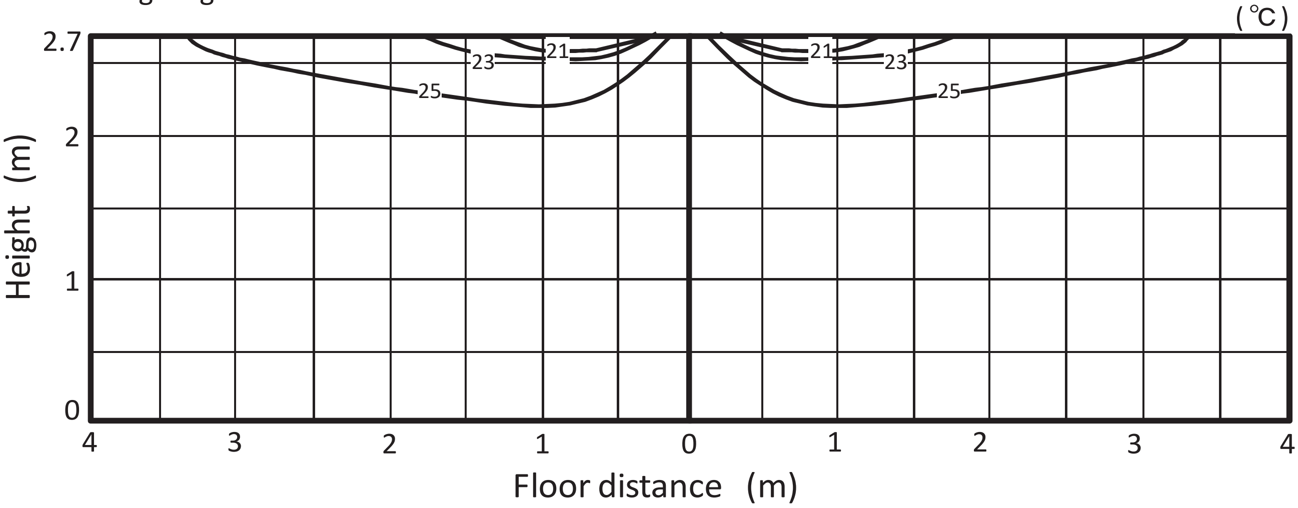
Display



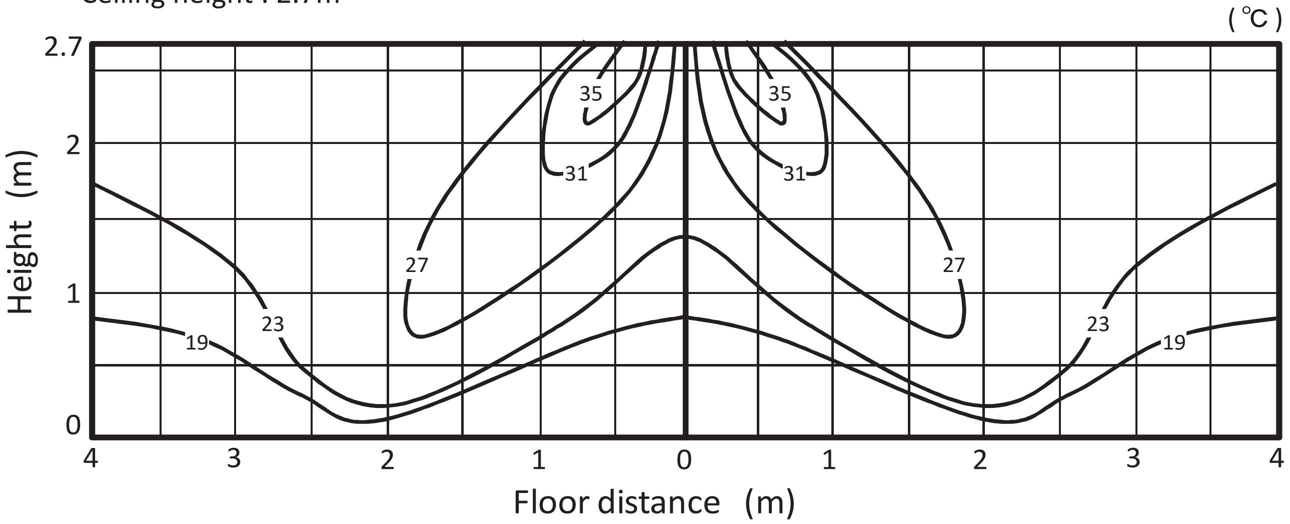
B.1.11 TEMPERATURE AND AIRFLOW DISTRIBUTIONS

TEMPERATURE DISTRIBUTION
SLZ-M·FA2
SLZ-M60FA2

<Cooling mode>
Horizontal
Ceiling height : 2.7m

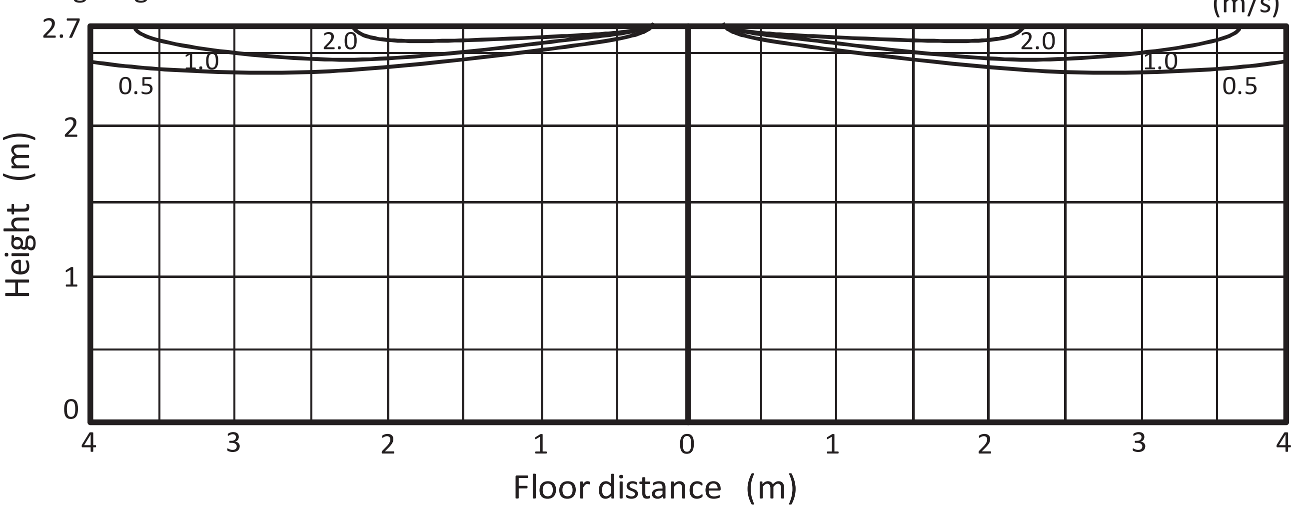


<Heating mode>
Downward
Ceiling height : 2.7m

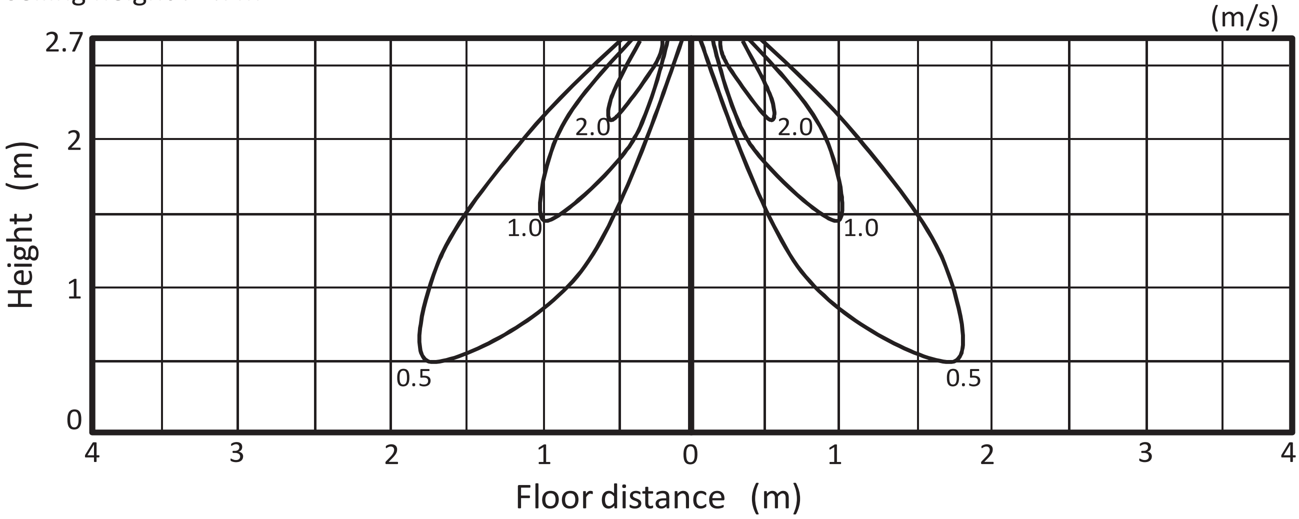


AIR FLOW DISTRIBUTION
SLZ-M·FA2
SLZ-M60FA2

<Cooling mode>
Horizontal
Ceiling height : 2.7m



<Heating mode>
Downward
Ceiling height : 2.7m



B.2 CEILING-CONCEALED (SEZ)

B.2.1 SPECIFICATIONS

					SEZ-M25DA(L)2	SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2
Model Name	Indoor Unit				SEZ-M25DA(L)2	SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2
	Outdoor Unit				SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA
Refrigerant					R32				
Power Supply				Source	Outdoor power supply				
	Out			V	230	230	230	230	230
				Phase	Single	Single	Single	Single	Single
				Hz	50	50	50	50	50
	In			V	—	—	—	—	—
				Phase	—	—	—	—	—
				Hz	—	—	—	—	—
Cooling	Capacity	Rated		kW	2.5	3.5	5.0	6.1	7.1
		Min.		kW	1.4	0.7	1.1	1.6	2.2
		Max.		kW	3.2	3.9	5.6	6.3	8.1
	SHF	Rated			0.82	0.78	0.76	0.75	0.74
	Total Input	Rated		kW	0.714	1.000	1.547	1.848	2.151
	EER				3.50	3.50	3.23	3.30	3.30
	Annual Electricity Consumption			kWh/a	146	202	290	385	451
	SEER				6.0	6.0	6.0	5.5	5.5
		Energy efficiency class			A+	A+	A+	A	A
Heating	Capacity	Rated		kW	2.9	4.2	6.0	7.4	8.0
		Min.		kW	1.3	1.1	1.5	1.6	2.0
		Max.		kW	4.2	5.0	7.2	8.0	10.2
	Total Input	Rated		kW	0.803	1.076	1.617	2.049	2.285
	COP				3.61	3.90	3.71	3.61	3.50
	Annual Electricity Consumption			kWh/a	769	878	1501	1516	2030
	SCOP				4.0	4.1	4.0	4.2	3.9
		Energy efficiency class			A+	A+	A+	A+	A
Operating Current(max)				A	7.4	9.2	14.3	15.7	15.8
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.043	0.047	0.077	0.084	0.102
	Operating Current(max)			A	0.62	0.65	0.82	0.88	1.00
	Dimensions	H × W × D		mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700
	Weight			kg	18	22	22	25.5	25.5
	Air Volume	Lo-Mid-Hi		m³/min.	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20
	External Static Pressure			Pa	<5> - 25 - <35> - <50>				
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	23 - 26 - 30	23 - 27 - 31	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40
	Sound Level (PWL)	Cooling			50	51	57	58	60
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	30	35	41	54	55
	Air Volume	Cooling	Rated	m³/min.	36.3	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	34.6	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	45	48	48	49	49
			Silent	dB(A)	—	—	—	—	—
		Heating	Rated	dB(A)	46	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	59	64	65	66
	Operating Current(max)			A	6.8	8.5	13.5	14.8	14.8
	Breaker Size			A	10	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	6.35	6.35	9.52
		Gas		mm	9.52	9.52	12.7	15.88	15.88
	Max.Length	Out-In		m	20	20	30	30	30
	Max. Height	Out-In		m	12	12	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-10	-10	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-10	-10	-10	-10	-10
			Upper Limit.	℃	+24	+24	+24	+24	+24

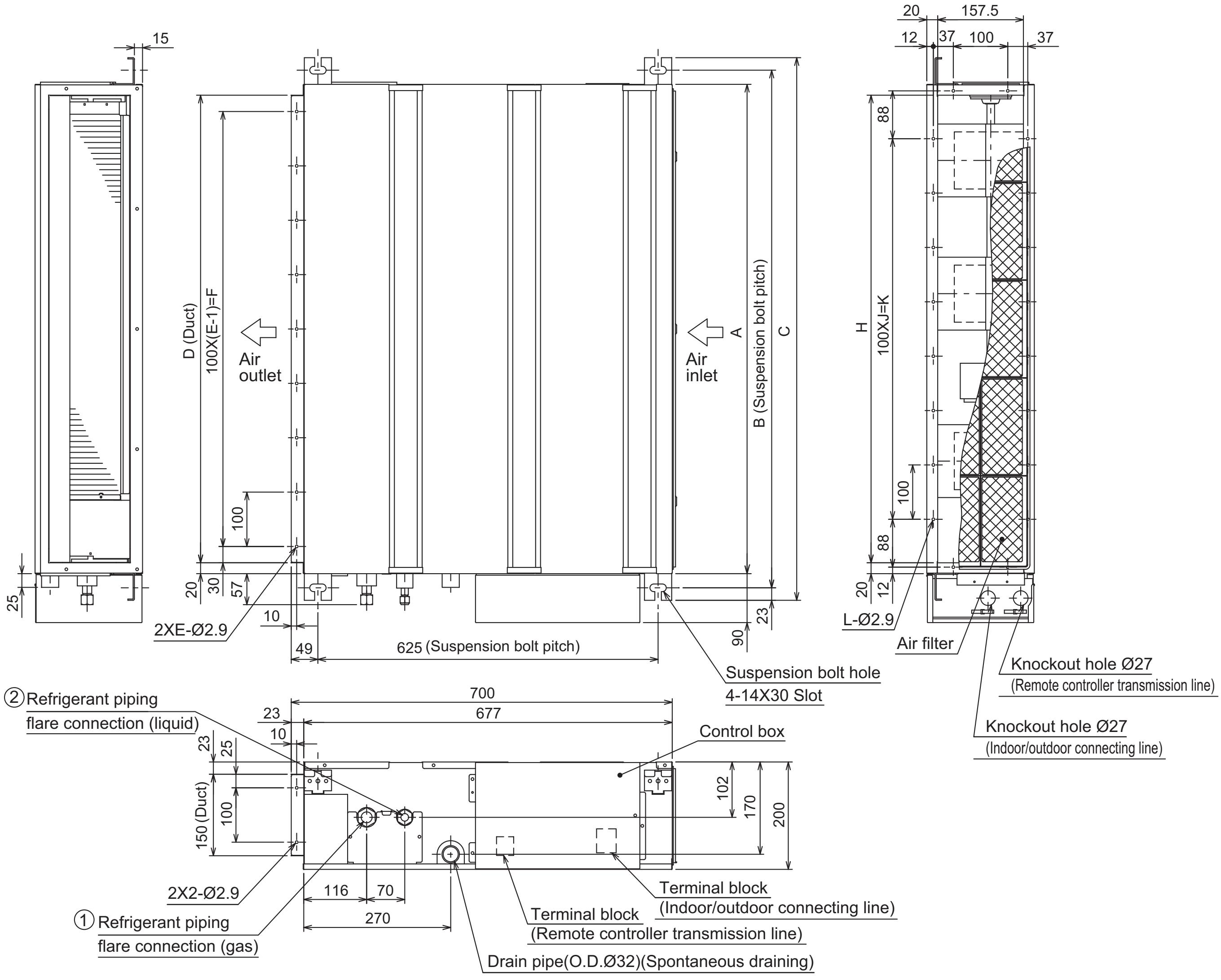
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

B.2.2 OUTLINES AND DIMENSIONS

B.2.2.1 INDOOR UNIT

SEZ-M25DA2
SEZ-M25DAL2
SEZ-M35DA2
SEZ-M35DAL2
SEZ-M50DA2
SEZ-M50DAL2
SEZ-M60DA2
SEZ-M60DAL2
SEZ-M71DA2
SEZ-M71DAL2

Unit : mm



Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe	② Liquid pipe
SEZ-M25DA(L)2	700	752	798	660	7	600	800	660	5	500	16	Ø9.52	Ø6.35
SEZ-M35DA(L)2	900	952	998	860	9	800	1000	860	7	700	20		
SEZ-M50DA(L)2												Ø12.7	
SEZ-M60DA(L)2	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	Ø15.88	
SEZ-M71DA(L)2													Ø9.52

Note1.Use M10 screw for the suspension bolt (field supply).
2.Keep the service space for the maintenance at the bottom.
3.This chart indicates for SEZ-M35, 50DA(L)2 models, which have 3 fans.
SEZ-M25DA(L)2 models have 2 fans.
SEZ-M60, 71DA(L)2 models have 4 fans.
4.In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

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

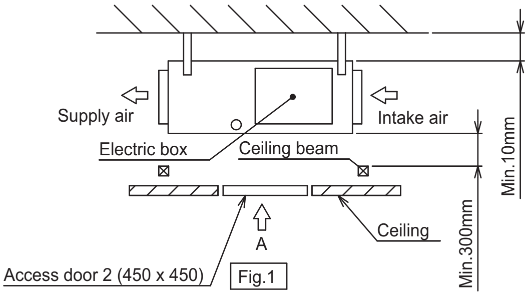


Fig.1

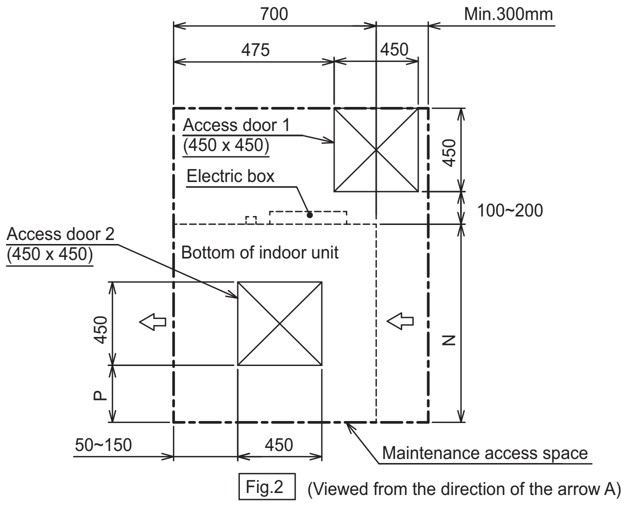


Fig.2 (Viewed from the direction of the arrow A)

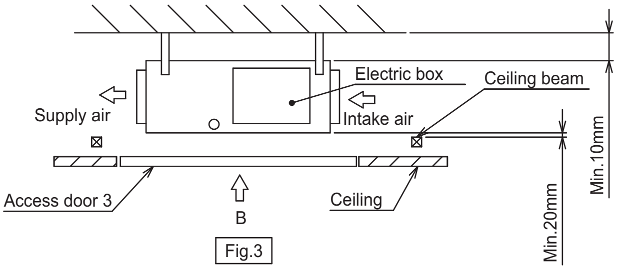


Fig.3

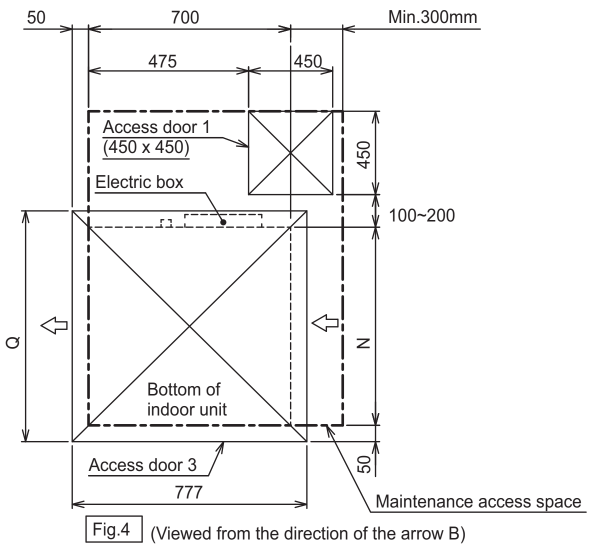


Fig.4 (Viewed from the direction of the arrow B)

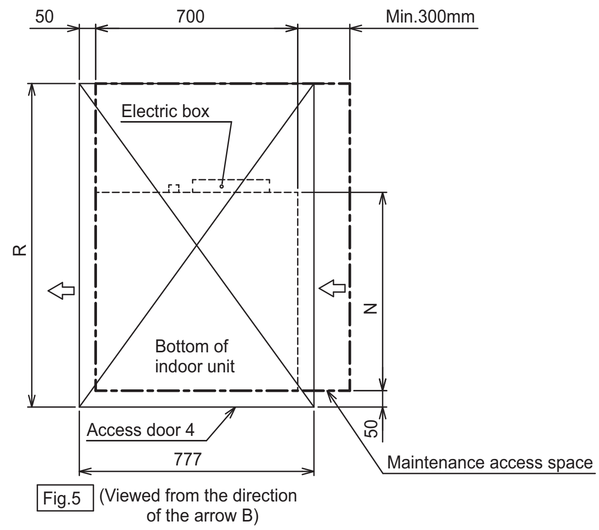


Fig.5 (Viewed from the direction of the arrow B)

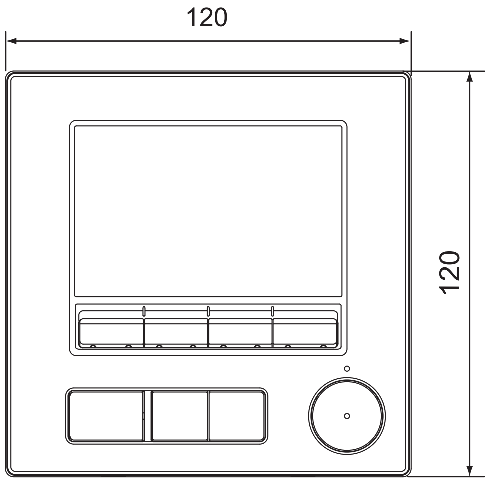
Model	N	P	Q	R
SEZ-M25DA(L)2	700	50~150	800	1300
SEZ-M35DA(L)2	900	150~250	1000	1500
SEZ-M50DA(L)2				
SEZ-M60DA(L)2	1100	250~350	1200	1700
SEZ-M71DA(L)2				

B.2.2.2 WIRED REMOTE CONTROLLER (Optional parts)

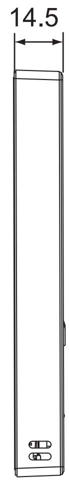
Unit : mm

SEZ-M25DA2
SEZ-M35DA2
SEZ-M50DA2
SEZ-M60DA2
SEZ-M71DA2

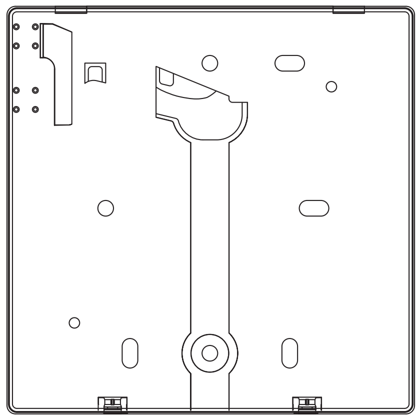
[PAR-41MAA]



(Front view)



(Side view)



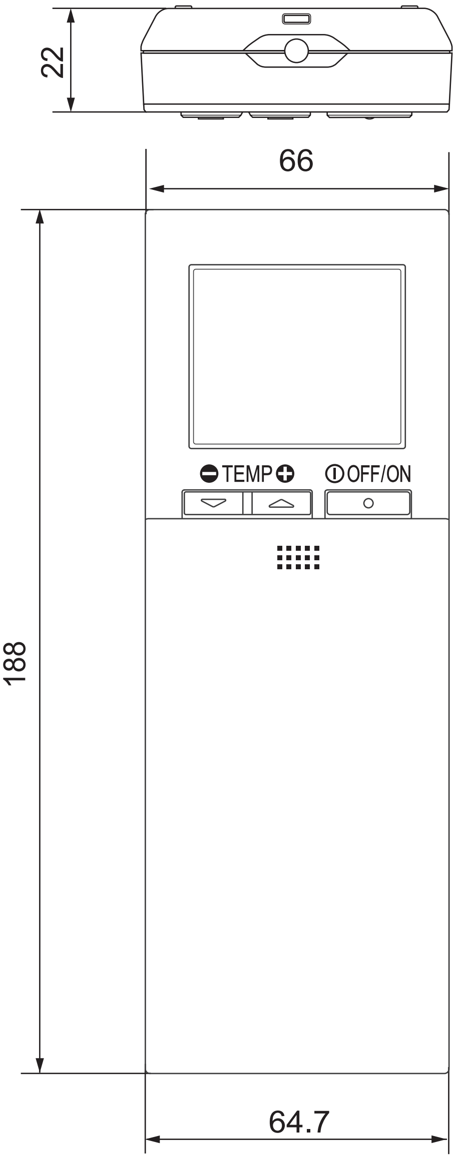
(Rear view)

B.2.2.3 WIRELESS REMOTE CONTROLLER

Unit : mm

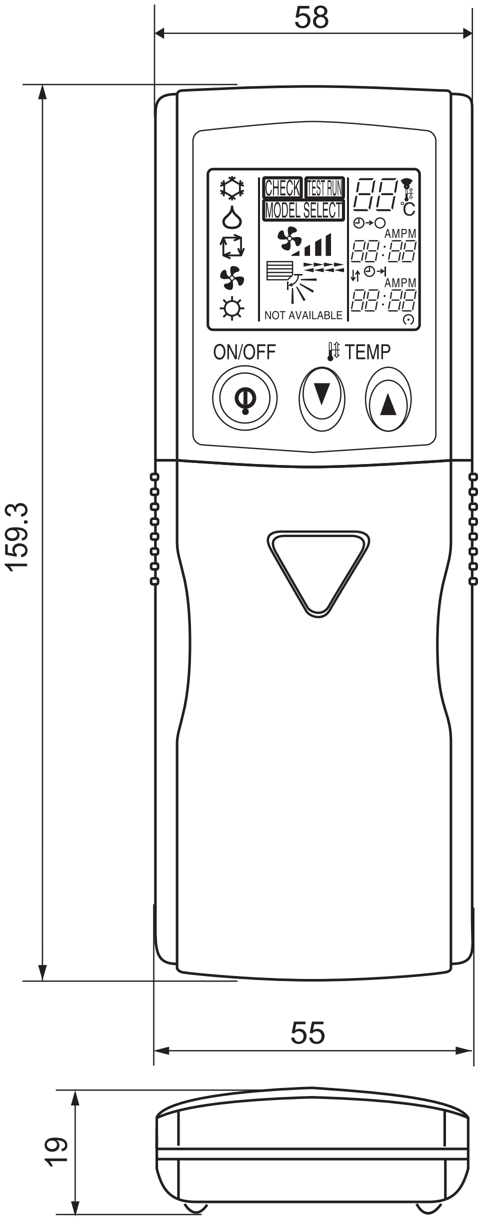
SEZ-M25DA2 SEZ-M50DAL2
SEZ-M25DAL2 SEZ-M60DA2
SEZ-M35DA2 SEZ-M60DAL2
SEZ-M35DAL2 SEZ-M71DA2
SEZ-M50DA2 SEZ-M71DAL2

[PAR-SL101A-E]



※ 1.Enclosed in SEZ-M25/35/50/60/71DAL2
2.Optional parts for SEZ-M25/35/50/60/71DA2
3.Group control can not be used.

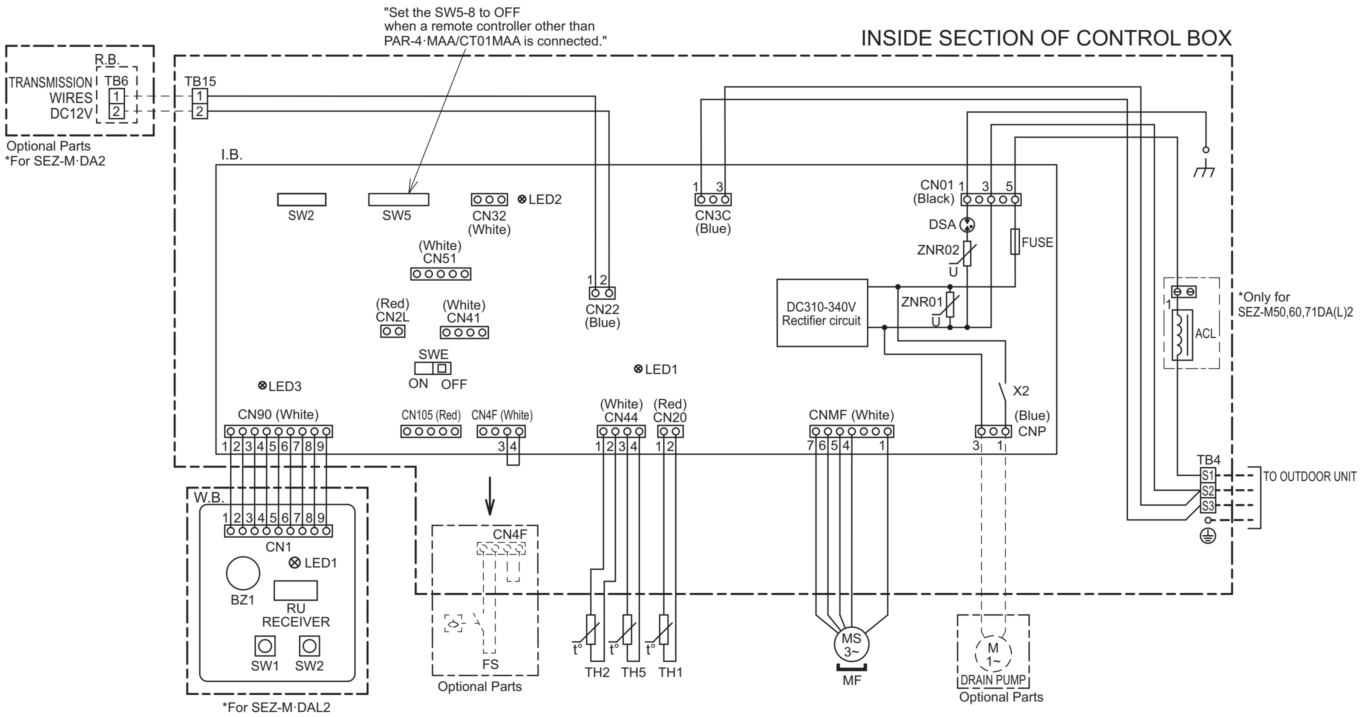
[PAR-SL97A-E]



※ Optional parts

B.2.3 WIRING DIAGRAM

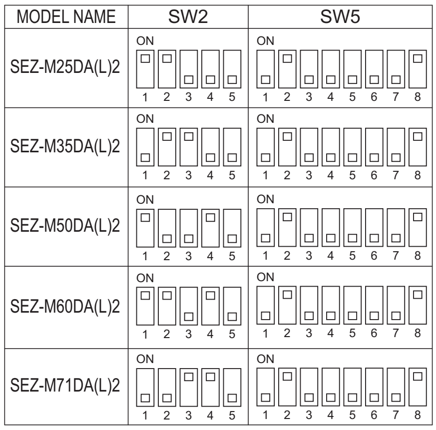
SEZ-M25DA2 SEZ-M25DAL2 SEZ-M35DA2 SEZ-M35DAL2 SEZ-M50DA2 SEZ-M50DAL2 SEZ-M60DA2 SEZ-M60DAL2 SEZ-M71DA2 SEZ-M71DAL2



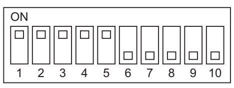
SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
I.B.	INDOOR CONTROLLER BOARD	W.B.	WIRELESS REMOTE CONTROLLER BOARD
FUSE	FUSE AC250V 6.3A	RU	RECEIVING UNIT
ZNR01,02	VARISTOR	BZ1	BUZZER
DSA	ARRESTER	LED1	LED (RUN INDICATOR)
X2	AUX. RELAY	SW1	SWITCH (HEATING ON/OFF)
CN2L	CONNECTOR (LOSSNAY)	SW2	SWITCH (COOLING ON/OFF)
CN32	CONNECTOR (REMOTE SWITCH)	R.B.	REMOTE CONTROLLER BOARD
CN41	CONNECTOR (HA TERMINAL-A)	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)		
CN90	CONNECTOR (WIRELESS)	TH1	INTAKE AIR TEMP. THERMISTOR
LED1	POWER SUPPLY (I.B.)	TH2	PIPE TEMP. THERMISTOR/LIQUID
LED2	POWER SUPPLY (R.B.)	TH5	COND./EVA. TEMP. THERMISTOR
LED3	TRANSMISSION (INDOOR-OUTDOOR)	ACL	AC REACTOR (POWER FACTOR IMPROVEMENT)
SW2	SWITCH (FOR CAPACITY CODE)	MF	FAN MOTOR
SW5	SWITCH (FOR SYSTEM SELECTION)	FS	FLOAT SWITCH
SWE	CONNECTOR (EMERGENCY OPERATION)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
		TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)

DIP SWITCH SETTING



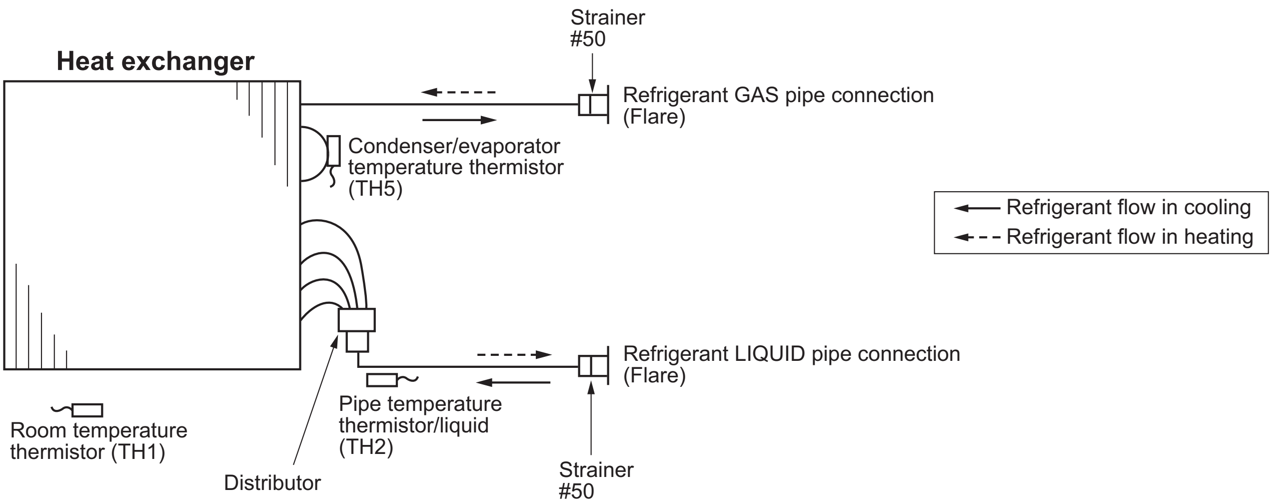
NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities,make wiring matching terminal numbers (S1,S2,S3).
3. Symbols used in wiring diagram are [o o o] : Connector, ☐: Terminal, ⊖: Relay connector
------ (Heavy dotted line): Field wiring,
------ (Thin dotted line): Optional parts.



The figure at left shows that the switches 1 through 5 are set to ON and 6 through 10 are set to OFF.

B.2.4 REFRIGERANT SYSTEM DIAGRAM

SEZ-M25DA2 SEZ-M50DAL2
SEZ-M25DAL2 SEZ-M60DA2
SEZ-M35DA2 SEZ-M60DAL2
SEZ-M35DAL2 SEZ-M71DA2
SEZ-M50DA2 SEZ-M71DAL2



B.2.5 PERFORMANCE DATA

COOLING operation at Rated frequency
SEZ-M25DA2 SEZ-M25DAL2 / SUZ-M25VA
CAPACITY :2.500kW INPUT :0.714kW SHF :0.82

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.880	0.64	0.571	2.813	1.800	0.64	0.600	2.700	1.728	0.64	0.628	2.600	1.664	0.64	0.657
21	20	3.063	1.593	0.52	0.600	2.938	1.528	0.52	0.635	2.850	1.482	0.52	0.650	2.750	1.430	0.52	0.678
22	18	2.938	1.998	0.68	0.571	2.813	1.913	0.68	0.600	2.700	1.836	0.68	0.628	2.600	1.768	0.68	0.657
22	20	3.063	1.715	0.56	0.600	2.938	1.645	0.56	0.635	2.850	1.596	0.56	0.650	2.750	1.540	0.56	0.678
22	22	3.188	1.403	0.44	0.621	3.075	1.353	0.44	0.660	3.000	1.320	0.44	0.678	2.875	1.265	0.44	0.707
23	18	2.938	2.115	0.72	0.571	2.813	2.025	0.72	0.600	2.700	1.944	0.72	0.628	2.600	1.872	0.72	0.657
23	20	3.063	1.838	0.60	0.600	2.938	1.763	0.60	0.635	2.850	1.710	0.60	0.650	2.750	1.650	0.60	0.678
23	22	3.188	1.530	0.48	0.621	3.075	1.476	0.48	0.660	3.000	1.440	0.48	0.678	2.875	1.380	0.48	0.707
24	18	2.938	2.233	0.76	0.571	2.813	2.138	0.76	0.600	2.700	2.052	0.76	0.628	2.600	1.976	0.76	0.657
24	20	3.063	1.960	0.64	0.600	2.938	1.880	0.64	0.635	2.850	1.824	0.64	0.650	2.750	1.760	0.64	0.678
24	22	3.188	1.658	0.52	0.621	3.075	1.599	0.52	0.660	3.000	1.560	0.52	0.678	2.875	1.495	0.52	0.707
24	24	3.350	1.340	0.40	0.650	3.225	1.290	0.40	0.685	3.150	1.260	0.40	0.707	3.050	1.220	0.40	0.743
25	20	3.063	2.083	0.68	0.600	2.938	1.998	0.68	0.635	2.850	1.938	0.68	0.650	2.750	1.870	0.68	0.678
25	22	3.188	1.785	0.56	0.621	3.075	1.722	0.56	0.660	3.000	1.680	0.56	0.678	2.875	1.610	0.56	0.707
25	24	3.350	1.474	0.44	0.650	3.225	1.419	0.44	0.685	3.150	1.386	0.44	0.707	3.050	1.342	0.44	0.743
26	18	2.938	2.468	0.84	0.571	2.813	2.363	0.84	0.600	2.700	2.268	0.84	0.628	2.600	2.184	0.84	0.657
26	20	3.063	2.205	0.72	0.600	2.938	2.115	0.72	0.635	2.850	2.052	0.72	0.650	2.750	1.980	0.72	0.678
26	22	3.188	1.913	0.60	0.621	3.075	1.845	0.60	0.660	3.000	1.800	0.60	0.678	2.875	1.725	0.60	0.707
26	24	3.350	1.608	0.48	0.650	3.225	1.548	0.48	0.685	3.150	1.512	0.48	0.707	3.050	1.464	0.48	0.743
26	26	3.450	1.242	0.36	0.685	3.350	1.206	0.36	0.721	3.300	1.188	0.36	0.743	3.200	1.152	0.36	0.764
27	18	2.938	2.585	0.88	0.571	2.813	2.475	0.88	0.600	2.700	2.376	0.88	0.628	2.600	2.288	0.88	0.657
27	20	3.063	2.328	0.76	0.600	2.938	2.233	0.76	0.635	2.850	2.166	0.76	0.650	2.750	2.090	0.76	0.678
27	22	3.188	2.040	0.64	0.621	3.075	1.968	0.64	0.660	3.000	1.920	0.64	0.678	2.875	1.840	0.64	0.707
27	24	3.350	1.742	0.52	0.650	3.225	1.677	0.52	0.685	3.150	1.638	0.52	0.707	3.050	1.586	0.52	0.743
27	26	3.450	1.380	0.40	0.685	3.350	1.340	0.40	0.721	3.300	1.320	0.40	0.743	3.200	1.280	0.40	0.764
28	18	2.938	2.703	0.92	0.571	2.813	2.588	0.92	0.600	2.700	2.484	0.92	0.628	2.600	2.392	0.92	0.657
28	20	3.063	2.450	0.80	0.600	2.938	2.350	0.80	0.635	2.850	2.280	0.80	0.650	2.750	2.200	0.80	0.678
28	22	3.188	2.168	0.68	0.621	3.075	2.091	0.68	0.660	3.000	2.040	0.68	0.678	2.875	1.955	0.68	0.707
28	24	3.350	1.876	0.56	0.650	3.225	1.806	0.56	0.685	3.150	1.764	0.56	0.707	3.050	1.708	0.56	0.743
28	26	3.450	1.518	0.44	0.685	3.350	1.474	0.44	0.721	3.300	1.452	0.44	0.743	3.200	1.408	0.44	0.764
29	18	2.938	2.820	0.96	0.571	2.813	2.700	0.96	0.600	2.700	2.592	0.96	0.628	2.600	2.496	0.96	0.657
29	20	3.063	2.573	0.84	0.600	2.938	2.468	0.84	0.635	2.850	2.394	0.84	0.650	2.750	2.310	0.84	0.678
29	22	3.188	2.295	0.72	0.621	3.075	2.214	0.72	0.660	3.000	2.160	0.72	0.678	2.875	2.070	0.72	0.707
29	24	3.350	2.010	0.60	0.650	3.225	1.935	0.60	0.685	3.150	1.890	0.60	0.707	3.050	1.830	0.60	0.743
29	26	3.450	1.656	0.48	0.685	3.350	1.608	0.48	0.721	3.300	1.584	0.48	0.743	3.200	1.536	0.48	0.764
30	18	2.938	2.938	1.00	0.571	2.813	2.813	1.00	0.600	2.700	2.700	1.00	0.628	2.600	2.600	1.00	0.657
30	20	3.063	2.695	0.88	0.600	2.938	2.585	0.88	0.635	2.850	2.508	0.88	0.650	2.750	2.420	0.88	0.678
30	22	3.188	2.423	0.76	0.621	3.075	2.337	0.76	0.660	3.000	2.280	0.76	0.678	2.875	2.185	0.76	0.707
30	24	3.350	2.144	0.64	0.650	3.225	2.064	0.64	0.685	3.150	2.016	0.64	0.707	3.050	1.952	0.64	0.743
30	26	3.450	1.794	0.52	0.685	3.350	1.742	0.52	0.721	3.300	1.716	0.52	0.743	3.200	1.664	0.52	0.764
31	18	2.938	2.938	1.00	0.571	2.813	2.813	1.00	0.600	2.700	2.700	1.00	0.628	2.600	2.600	1.00	0.657
31	20	3.063	2.818	0.92	0.600	2.938	2.703	0.92	0.635	2.850	2.622	0.92	0.650	2.750	2.530	0.92	0.678
31	22	3.188	2.550	0.80	0.621	3.075	2.460	0.80	0.660	3.000	2.400	0.80	0.678	2.875	2.300	0.80	0.707
31	24	3.350	2.278	0.68	0.650	3.225	2.193	0.68	0.685	3.150	2.142	0.68	0.707	3.050	2.074	0.68	0.743
31	26	3.450	1.932	0.56	0.685	3.350	1.876	0.56	0.721	3.300	1.848	0.56	0.743	3.200	1.792	0.56	0.764
32	18	2.938	2.938	1.00	0.571	2.813	2.813	1.00	0.600	2.700	2.700	1.00	0.628	2.600	2.600	1.00	0.657
32	20	3.063	2.940	0.96	0.600	2.938	2.820	0.96	0.635	2.850	2.736	0.96	0.650	2.750	2.640	0.96	0.678
32	22	3.188	2.678	0.84	0.621	3.075	2.583	0.84	0.660	3.000	2.520	0.84	0.678	2.875	2.415	0.84	0.707
32	24	3.350	2.412	0.72	0.650	3.225	2.322	0.72	0.685	3.150	2.268	0.72	0.707	3.050	2.196	0.72	0.743
32	26	3.450	2.070	0.60	0.685	3.350	2.010	0.60	0.721	3.300	1.980	0.60	0.743	3.200	1.920	0.60	0.764

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

COOLING operation at Rated frequency
SEZ-M25DA2 SEZ-M25DAL2 / SUZ-M25VA
CAPACITY :2.500kW INPUT :0.714kW SHF :0.82

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.568	0.64	0.700	2.250	1.440	0.64	0.743	2.075	1.328	0.64	0.771
21	20	2.575	1.339	0.52	0.728	2.400	1.248	0.52	0.764	2.225	1.157	0.52	0.807
22	18	2.450	1.666	0.68	0.700	2.250	1.530	0.68	0.743	2.075	1.411	0.68	0.771
22	20	2.575	1.442	0.56	0.728	2.400	1.344	0.56	0.764	2.225	1.246	0.56	0.807
22	22	2.725	1.199	0.44	0.757	2.550	1.122	0.44	0.800	2.375	1.045	0.44	0.828
23	18	2.450	1.764	0.72	0.700	2.250	1.620	0.72	0.743	2.075	1.494	0.72	0.771
23	20	2.575	1.545	0.60	0.728	2.400	1.440	0.60	0.764	2.225	1.335	0.60	0.807
23	22	2.725	1.308	0.48	0.757	2.550	1.224	0.48	0.800	2.375	1.140	0.48	0.828
24	18	2.450	1.862	0.76	0.700	2.250	1.710	0.76	0.743	2.075	1.577	0.76	0.771
24	20	2.575	1.648	0.64	0.728	2.400	1.536	0.64	0.764	2.225	1.424	0.64	0.807
24	22	2.725	1.417	0.52	0.757	2.550	1.326	0.52	0.800	2.375	1.235	0.52	0.828
24	24	2.875	1.150	0.40	0.785	2.700	1.080	0.40	0.821	2.550	1.020	0.40	0.857
25	20	2.575	1.751	0.68	0.728	2.400	1.632	0.68	0.764	2.225	1.513	0.68	0.807
25	22	2.725	1.526	0.56	0.757	2.550	1.428	0.56	0.800	2.375	1.330	0.56	0.828
25	24	2.875	1.265	0.44	0.785	2.700	1.188	0.44	0.821	2.550	1.122	0.44	0.857
26	18	2.450	2.058	0.84	0.700	2.250	1.890	0.84	0.743	2.075	1.743	0.84	0.771
26	20	2.575	1.854	0.72	0.728	2.400	1.728	0.72	0.764	2.225	1.602	0.72	0.807
26	22	2.725	1.635	0.60	0.757	2.550	1.530	0.60	0.800	2.375	1.425	0.60	0.828
26	24	2.875	1.380	0.48	0.785	2.700	1.296	0.48	0.821	2.550	1.224	0.48	0.857
26	26	3.025	1.089	0.36	0.814	2.850	1.026	0.36	0.850	2.675	0.963	0.36	0.885
27	18	2.450	2.156	0.88	0.700	2.250	1.980	0.88	0.743	2.075	1.826	0.88	0.771
27	20	2.575	1.957	0.76	0.728	2.400	1.824	0.76	0.764	2.225	1.691	0.76	0.807
27	22	2.725	1.744	0.64	0.757	2.550	1.632	0.64	0.800	2.375	1.520	0.64	0.828
27	24	2.875	1.495	0.52	0.785	2.700	1.404	0.52	0.821	2.550	1.326	0.52	0.857
27	26	3.025	1.210	0.40	0.814	2.850	1.140	0.40	0.850	2.675	1.070	0.40	0.885
28	18	2.450	2.254	0.92	0.700	2.250	2.070	0.92	0.743	2.075	1.909	0.92	0.771
28	20	2.575	2.060	0.80	0.728	2.400	1.920	0.80	0.764	2.225	1.780	0.80	0.807
28	22	2.725	1.853	0.68	0.757	2.550	1.734	0.68	0.800	2.375	1.615	0.68	0.828
28	24	2.875	1.610	0.56	0.785	2.700	1.512	0.56	0.821	2.550	1.428	0.56	0.857
28	26	3.025	1.331	0.44	0.814	2.850	1.254	0.44	0.850	2.675	1.177	0.44	0.885
29	18	2.450	2.352	0.96	0.700	2.250	2.160	0.96	0.743	2.075	1.992	0.96	0.771
29	20	2.575	2.163	0.84	0.728	2.400	2.016	0.84	0.764	2.225	1.869	0.84	0.807
29	22	2.725	1.962	0.72	0.757	2.550	1.836	0.72	0.800	2.375	1.710	0.72	0.828
29	24	2.875	1.725	0.60	0.785	2.700	1.620	0.60	0.821	2.550	1.530	0.60	0.857
29	26	3.025	1.452	0.48	0.814	2.850	1.368	0.48	0.850	2.675	1.284	0.48	0.885
30	18	2.450	2.450	1.00	0.700	2.250	2.250	1.00	0.743	2.075	2.075	1.00	0.771
30	20	2.575	2.266	0.88	0.728	2.400	2.112	0.88	0.764	2.225	1.958	0.88	0.807
30	22	2.725	2.071	0.76	0.757	2.550	1.938	0.76	0.800	2.375	1.805	0.76	0.828
30	24	2.875	1.840	0.64	0.785	2.700	1.728	0.64	0.821	2.550	1.632	0.64	0.857
30	26	3.025	1.573	0.52	0.814	2.850	1.482	0.52	0.850	2.675	1.391	0.52	0.885
31	18	2.450	2.450	1.00	0.700	2.250	2.250	1.00	0.743	2.075	2.075	1.00	0.771
31	20	2.575	2.369	0.92	0.728	2.400	2.208	0.92	0.764	2.225	2.047	0.92	0.807
31	22	2.725	2.180	0.80	0.757	2.550	2.040	0.80	0.800	2.375	1.900	0.80	0.828
31	24	2.875	1.955	0.68	0.785	2.700	1.836	0.68	0.821	2.550	1.734	0.68	0.857
31	26	3.025	1.694	0.56	0.814	2.850	1.596	0.56	0.850	2.675	1.498	0.56	0.885
32	18	2.450	2.450	1.00	0.700	2.250	2.250	1.00	0.743	2.075	2.075	1.00	0.771
32	20	2.575	2.472	0.96	0.728	2.400	2.304	0.96	0.764	2.225	2.136	0.96	0.807
32	22	2.725	2.289	0.84	0.757	2.550	2.142	0.84	0.800	2.375	1.995	0.84	0.828
32	24	2.875	2.070	0.72	0.785	2.700	1.944	0.72	0.821	2.550	1.836	0.72	0.857
32	26	3.025	1.815	0.60	0.814	2.850	1.710	0.60	0.850	2.675	1.605	0.60	0.885

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

CEILING CONCEALED
PERFORMANCE DATA

COOLING operation at Rated frequency
SEZ-M35DA2 SEZ-M35DAL2 / SUZ-M35VA
CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.468	0.60	0.800	3.938	2.363	0.60	0.840	3.780	2.268	0.60	0.880	3.640	2.184	0.60	0.920
21	20	4.288	2.058	0.48	0.840	4.113	1.974	0.48	0.890	3.990	1.915	0.48	0.910	3.850	1.848	0.48	0.950
22	18	4.113	2.632	0.64	0.800	3.938	2.520	0.64	0.840	3.780	2.419	0.64	0.880	3.640	2.330	0.64	0.920
22	20	4.288	2.230	0.52	0.840	4.113	2.139	0.52	0.890	3.990	2.075	0.52	0.910	3.850	2.002	0.52	0.950
22	22	4.463	1.785	0.40	0.870	4.305	1.722	0.40	0.925	4.200	1.680	0.40	0.950	4.025	1.610	0.40	0.990
23	18	4.113	2.797	0.68	0.800	3.938	2.678	0.68	0.840	3.780	2.570	0.68	0.880	3.640	2.475	0.68	0.920
23	20	4.288	2.401	0.56	0.840	4.113	2.303	0.56	0.890	3.990	2.234	0.56	0.910	3.850	2.156	0.56	0.950
23	22	4.463	1.964	0.44	0.870	4.305	1.894	0.44	0.925	4.200	1.848	0.44	0.950	4.025	1.771	0.44	0.990
24	18	4.113	2.961	0.72	0.800	3.938	2.835	0.72	0.840	3.780	2.722	0.72	0.880	3.640	2.621	0.72	0.920
24	20	4.288	2.573	0.60	0.840	4.113	2.468	0.60	0.890	3.990	2.394	0.60	0.910	3.850	2.310	0.60	0.950
24	22	4.463	2.142	0.48	0.870	4.305	2.066	0.48	0.925	4.200	2.016	0.48	0.950	4.025	1.932	0.48	0.990
24	24	4.690	1.688	0.36	0.910	4.515	1.625	0.36	0.960	4.410	1.588	0.36	0.990	4.270	1.537	0.36	1.040
25	20	4.288	2.744	0.64	0.840	4.113	2.632	0.64	0.890	3.990	2.554	0.64	0.910	3.850	2.464	0.64	0.950
25	22	4.463	2.321	0.52	0.870	4.305	2.239	0.52	0.925	4.200	2.184	0.52	0.950	4.025	2.093	0.52	0.990
25	24	4.690	1.876	0.40	0.910	4.515	1.806	0.40	0.960	4.410	1.764	0.40	0.990	4.270	1.708	0.40	1.040
26	18	4.113	3.290	0.80	0.800	3.938	3.150	0.80	0.840	3.780	3.024	0.80	0.880	3.640	2.912	0.80	0.920
26	20	4.288	2.916	0.68	0.840	4.113	2.797	0.68	0.890	3.990	2.713	0.68	0.910	3.850	2.618	0.68	0.950
26	22	4.463	2.499	0.56	0.870	4.305	2.411	0.56	0.925	4.200	2.352	0.56	0.950	4.025	2.254	0.56	0.990
26	24	4.690	2.064	0.44	0.910	4.515	1.987	0.44	0.960	4.410	1.940	0.44	0.990	4.270	1.879	0.44	1.040
26	26	4.830	1.546	0.32	0.960	4.690	1.501	0.32	1.010	4.620	1.478	0.32	1.040	4.480	1.434	0.32	1.070
27	18	4.113	3.455	0.84	0.800	3.938	3.308	0.84	0.840	3.780	3.175	0.84	0.880	3.640	3.058	0.84	0.920
27	20	4.288	3.087	0.72	0.840	4.113	2.961	0.72	0.890	3.990	2.873	0.72	0.910	3.850	2.772	0.72	0.950
27	22	4.463	2.678	0.60	0.870	4.305	2.583	0.60	0.925	4.200	2.520	0.60	0.950	4.025	2.415	0.60	0.990
27	24	4.690	2.251	0.48	0.910	4.515	2.167	0.48	0.960	4.410	2.117	0.48	0.990	4.270	2.050	0.48	1.040
27	26	4.830	1.739	0.36	0.960	4.690	1.688	0.36	1.010	4.620	1.663	0.36	1.040	4.480	1.613	0.36	1.070
28	18	4.113	3.619	0.88	0.800	3.938	3.465	0.88	0.840	3.780	3.326	0.88	0.880	3.640	3.203	0.88	0.920
28	20	4.288	3.259	0.76	0.840	4.113	3.126	0.76	0.890	3.990	3.032	0.76	0.910	3.850	2.926	0.76	0.950
28	22	4.463	2.856	0.64	0.870	4.305	2.755	0.64	0.925	4.200	2.688	0.64	0.950	4.025	2.576	0.64	0.990
28	24	4.690	2.439	0.52	0.910	4.515	2.348	0.52	0.960	4.410	2.293	0.52	0.990	4.270	2.220	0.52	1.040
28	26	4.830	1.932	0.40	0.960	4.690	1.876	0.40	1.010	4.620	1.848	0.40	1.040	4.480	1.792	0.40	1.070
29	18	4.113	3.784	0.92	0.800	3.938	3.623	0.92	0.840	3.780	3.478	0.92	0.880	3.640	3.349	0.92	0.920
29	20	4.288	3.430	0.80	0.840	4.113	3.290	0.80	0.890	3.990	3.192	0.80	0.910	3.850	3.080	0.80	0.950
29	22	4.463	3.035	0.68	0.870	4.305	2.927	0.68	0.925	4.200	2.856	0.68	0.950	4.025	2.737	0.68	0.990
29	24	4.690	2.626	0.56	0.910	4.515	2.528	0.56	0.960	4.410	2.470	0.56	0.990	4.270	2.391	0.56	1.040
29	26	4.830	2.125	0.44	0.960	4.690	2.064	0.44	1.010	4.620	2.033	0.44	1.040	4.480	1.971	0.44	1.070
30	18	4.113	3.948	0.96	0.800	3.938	3.780	0.96	0.840	3.780	3.629	0.96	0.880	3.640	3.494	0.96	0.920
30	20	4.288	3.602	0.84	0.840	4.113	3.455	0.84	0.890	3.990	3.352	0.84	0.910	3.850	3.234	0.84	0.950
30	22	4.463	3.213	0.72	0.870	4.305	3.100	0.72	0.925	4.200	3.024	0.72	0.950	4.025	2.898	0.72	0.990
30	24	4.690	2.814	0.60	0.910	4.515	2.709	0.60	0.960	4.410	2.646	0.60	0.990	4.270	2.562	0.60	1.040
30	26	4.830	2.318	0.48	0.960	4.690	2.251	0.48	1.010	4.620	2.218	0.48	1.040	4.480	2.150	0.48	1.070
31	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
31	20	4.288	3.773	0.88	0.840	4.113	3.619	0.88	0.890	3.990	3.511	0.88	0.910	3.850	3.388	0.88	0.950
31	22	4.463	3.392	0.76	0.870	4.305	3.272	0.76	0.925	4.200	3.192	0.76	0.950	4.025	3.059	0.76	0.990
31	24	4.690	3.002	0.64	0.910	4.515	2.890	0.64	0.960	4.410	2.822	0.64	0.990	4.270	2.733	0.64	1.040
31	26	4.830	2.512	0.52	0.960	4.690	2.439	0.52	1.010	4.620	2.402	0.52	1.040	4.480	2.330	0.52	1.070
32	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
32	20	4.288	3.945	0.92	0.840	4.113	3.784	0.92	0.890	3.990	3.671	0.92	0.910	3.850	3.542	0.92	0.950
32	22	4.463	3.570	0.80	0.870	4.305	3.444	0.80	0.925	4.200	3.360	0.80	0.950	4.025	3.220	0.80	0.990
32	24	4.690	3.189	0.68	0.910	4.515	3.070	0.68	0.960	4.410	2.999	0.68	0.990	4.270	2.904	0.68	1.040
32	26	4.830	2.705	0.56	0.960	4.690	2.626	0.56	1.010	4.620	2.587	0.56	1.040	4.480	2.509	0.56	1.070

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

COOLING operation at Rated frequency
SEZ-M35DA2 SEZ-M35DAL2 / SUZ-M35VA
CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	2.058	0.60	0.980	3.150	1.890	0.60	1.040	2.905	1.743	0.60	1.080
21	20	3.605	1.730	0.48	1.020	3.360	1.613	0.48	1.070	3.115	1.495	0.48	1.130
22	18	3.430	2.195	0.64	0.980	3.150	2.016	0.64	1.040	2.905	1.859	0.64	1.080
22	20	3.605	1.875	0.52	1.020	3.360	1.747	0.52	1.070	3.115	1.620	0.52	1.130
22	22	3.815	1.526	0.40	1.060	3.570	1.428	0.40	1.120	3.325	1.330	0.40	1.160
23	18	3.430	2.332	0.68	0.980	3.150	2.142	0.68	1.040	2.905	1.975	0.68	1.080
23	20	3.605	2.019	0.56	1.020	3.360	1.882	0.56	1.070	3.115	1.744	0.56	1.130
23	22	3.815	1.679	0.44	1.060	3.570	1.571	0.44	1.120	3.325	1.463	0.44	1.160
24	18	3.430	2.470	0.72	0.980	3.150	2.268	0.72	1.040	2.905	2.092	0.72	1.080
24	20	3.605	2.163	0.60	1.020	3.360	2.016	0.60	1.070	3.115	1.869	0.60	1.130
24	22	3.815	1.831	0.48	1.060	3.570	1.714	0.48	1.120	3.325	1.596	0.48	1.160
24	24	4.025	1.449	0.36	1.100	3.780	1.361	0.36	1.150	3.570	1.285	0.36	1.200
25	20	3.605	2.307	0.64	1.020	3.360	2.150	0.64	1.070	3.115	1.994	0.64	1.130
25	22	3.815	1.984	0.52	1.060	3.570	1.856	0.52	1.120	3.325	1.729	0.52	1.160
25	24	4.025	1.610	0.40	1.100	3.780	1.512	0.40	1.150	3.570	1.428	0.40	1.200
26	18	3.430	2.744	0.80	0.980	3.150	2.520	0.80	1.040	2.905	2.324	0.80	1.080
26	20	3.605	2.451	0.68	1.020	3.360	2.285	0.68	1.070	3.115	2.118	0.68	1.130
26	22	3.815	2.136	0.56	1.060	3.570	1.999	0.56	1.120	3.325	1.862	0.56	1.160
26	24	4.025	1.771	0.44	1.100	3.780	1.663	0.44	1.150	3.570	1.571	0.44	1.200
26	26	4.235	1.355	0.32	1.140	3.990	1.277	0.32	1.190	3.745	1.198	0.32	1.240
27	18	3.430	2.881	0.84	0.980	3.150	2.646	0.84	1.040	2.905	2.440	0.84	1.080
27	20	3.605	2.596	0.72	1.020	3.360	2.419	0.72	1.070	3.115	2.243	0.72	1.130
27	22	3.815	2.289	0.60	1.060	3.570	2.142	0.60	1.120	3.325	1.995	0.60	1.160
27	24	4.025	1.932	0.48	1.100	3.780	1.814	0.48	1.150	3.570	1.714	0.48	1.200
27	26	4.235	1.525	0.36	1.140	3.990	1.436	0.36	1.190	3.745	1.348	0.36	1.240
28	18	3.430	3.018	0.88	0.980	3.150	2.772	0.88	1.040	2.905	2.556	0.88	1.080
28	20	3.605	2.740	0.76	1.020	3.360	2.554	0.76	1.070	3.115	2.367	0.76	1.130
28	22	3.815	2.442	0.64	1.060	3.570	2.285	0.64	1.120	3.325	2.128	0.64	1.160
28	24	4.025	2.093	0.52	1.100	3.780	1.966	0.52	1.150	3.570	1.856	0.52	1.200
28	26	4.235	1.694	0.40	1.140	3.990	1.596	0.40	1.190	3.745	1.498	0.40	1.240
29	18	3.430	3.156	0.92	0.980	3.150	2.898	0.92	1.040	2.905	2.673	0.92	1.080
29	20	3.605	2.884	0.80	1.020	3.360	2.688	0.80	1.070	3.115	2.492	0.80	1.130
29	22	3.815	2.594	0.68	1.060	3.570	2.428	0.68	1.120	3.325	2.261	0.68	1.160
29	24	4.025	2.254	0.56	1.100	3.780	2.117	0.56	1.150	3.570	1.999	0.56	1.200
29	26	4.235	1.863	0.44	1.140	3.990	1.756	0.44	1.190	3.745	1.648	0.44	1.240
30	18	3.430	3.293	0.96	0.980	3.150	3.024	0.96	1.040	2.905	2.789	0.96	1.080
30	20	3.605	3.028	0.84	1.020	3.360	2.822	0.84	1.070	3.115	2.617	0.84	1.130
30	22	3.815	2.747	0.72	1.060	3.570	2.570	0.72	1.120	3.325	2.394	0.72	1.160
30	24	4.025	2.415	0.60	1.100	3.780	2.268	0.60	1.150	3.570	2.142	0.60	1.200
30	26	4.235	2.033	0.48	1.140	3.990	1.915	0.48	1.190	3.745	1.798	0.48	1.240
31	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
31	20	3.605	3.172	0.88	1.020	3.360	2.957	0.88	1.070	3.115	2.741	0.88	1.130
31	22	3.815	2.899	0.76	1.060	3.570	2.713	0.76	1.120	3.325	2.527	0.76	1.160
31	24	4.025	2.576	0.64	1.100	3.780	2.419	0.64	1.150	3.570	2.285	0.64	1.200
31	26	4.235	2.202	0.52	1.140	3.990	2.075	0.52	1.190	3.745	1.947	0.52	1.240
32	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
32	20	3.605	3.317	0.92	1.020	3.360	3.091	0.92	1.070	3.115	2.866	0.92	1.130
32	22	3.815	3.052	0.80	1.060	3.570	2.856	0.80	1.120	3.325	2.660	0.80	1.160
32	24	4.025	2.737	0.68	1.100	3.780	2.570	0.68	1.150	3.570	2.428	0.68	1.200
32	26	4.235	2.372	0.56	1.140	3.990	2.234	0.56	1.190	3.745	2.097	0.56	1.240

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

COOLING operation at Rated frequency
SEZ-M50DA2 SEZ-M50DAL2 / SUZ-M50VA
CAPACITY :5.000kW INPUT :1.547kW SHF :0.76

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.408	0.58	1.238	5.625	3.263	0.58	1.299	5.400	3.132	0.58	1.361	5.200	3.016	0.58	1.423
21	20	6.125	2.818	0.46	1.299	5.875	2.703	0.46	1.377	5.700	2.622	0.46	1.408	5.500	2.530	0.46	1.470
22	18	5.875	3.643	0.62	1.238	5.625	3.488	0.62	1.299	5.400	3.348	0.62	1.361	5.200	3.224	0.62	1.423
22	20	6.125	3.063	0.50	1.299	5.875	2.938	0.50	1.377	5.700	2.850	0.50	1.408	5.500	2.750	0.50	1.470
22	22	6.375	2.423	0.38	1.346	6.150	2.337	0.38	1.431	6.000	2.280	0.38	1.470	5.750	2.185	0.38	1.532
23	18	5.875	3.878	0.66	1.238	5.625	3.713	0.66	1.299	5.400	3.564	0.66	1.361	5.200	3.432	0.66	1.423
23	20	6.125	3.308	0.54	1.299	5.875	3.173	0.54	1.377	5.700	3.078	0.54	1.408	5.500	2.970	0.54	1.470
23	22	6.375	2.678	0.42	1.346	6.150	2.583	0.42	1.431	6.000	2.520	0.42	1.470	5.750	2.415	0.42	1.532
24	18	5.875	4.113	0.70	1.238	5.625	3.938	0.70	1.299	5.400	3.780	0.70	1.361	5.200	3.640	0.70	1.423
24	20	6.125	3.553	0.58	1.299	5.875	3.408	0.58	1.377	5.700	3.306	0.58	1.408	5.500	3.190	0.58	1.470
24	22	6.375	2.933	0.46	1.346	6.150	2.829	0.46	1.431	6.000	2.760	0.46	1.470	5.750	2.645	0.46	1.532
24	24	6.700	2.278	0.34	1.408	6.450	2.193	0.34	1.485	6.300	2.142	0.34	1.532	6.100	2.074	0.34	1.609
25	20	6.125	3.798	0.62	1.299	5.875	3.643	0.62	1.377	5.700	3.534	0.62	1.408	5.500	3.410	0.62	1.470
25	22	6.375	3.188	0.50	1.346	6.150	3.075	0.50	1.431	6.000	3.000	0.50	1.470	5.750	2.875	0.50	1.532
25	24	6.700	2.546	0.38	1.408	6.450	2.451	0.38	1.485	6.300	2.394	0.38	1.532	6.100	2.318	0.38	1.609
26	18	5.875	4.583	0.78	1.238	5.625	4.388	0.78	1.299	5.400	4.212	0.78	1.361	5.200	4.056	0.78	1.423
26	20	6.125	4.043	0.66	1.299	5.875	3.878	0.66	1.377	5.700	3.762	0.66	1.408	5.500	3.630	0.66	1.470
26	22	6.375	3.443	0.54	1.346	6.150	3.321	0.54	1.431	6.000	3.240	0.54	1.470	5.750	3.105	0.54	1.532
26	24	6.700	2.814	0.42	1.408	6.450	2.709	0.42	1.485	6.300	2.646	0.42	1.532	6.100	2.562	0.42	1.609
26	26	6.900	2.070	0.30	1.485	6.700	2.010	0.30	1.562	6.600	1.980	0.30	1.609	6.400	1.920	0.30	1.655
27	18	5.875	4.818	0.82	1.238	5.625	4.613	0.82	1.299	5.400	4.428	0.82	1.361	5.200	4.264	0.82	1.423
27	20	6.125	4.288	0.70	1.299	5.875	4.113	0.70	1.377	5.700	3.990	0.70	1.408	5.500	3.850	0.70	1.470
27	22	6.375	3.698	0.58	1.346	6.150	3.567	0.58	1.431	6.000	3.480	0.58	1.470	5.750	3.335	0.58	1.532
27	24	6.700	3.082	0.46	1.408	6.450	2.967	0.46	1.485	6.300	2.898	0.46	1.532	6.100	2.806	0.46	1.609
27	26	6.900	2.346	0.34	1.485	6.700	2.278	0.34	1.562	6.600	2.244	0.34	1.609	6.400	2.176	0.34	1.655
28	18	5.875	5.053	0.86	1.238	5.625	4.838	0.86	1.299	5.400	4.644	0.86	1.361	5.200	4.472	0.86	1.423
28	20	6.125	4.533	0.74	1.299	5.875	4.348	0.74	1.377	5.700	4.218	0.74	1.408	5.500	4.070	0.74	1.470
28	22	6.375	3.953	0.62	1.346	6.150	3.813	0.62	1.431	6.000	3.720	0.62	1.470	5.750	3.565	0.62	1.532
28	24	6.700	3.350	0.50	1.408	6.450	3.225	0.50	1.485	6.300	3.150	0.50	1.532	6.100	3.050	0.50	1.609
28	26	6.900	2.622	0.38	1.485	6.700	2.546	0.38	1.562	6.600	2.508	0.38	1.609	6.400	2.432	0.38	1.655
29	18	5.875	5.288	0.90	1.238	5.625	5.063	0.90	1.299	5.400	4.860	0.90	1.361	5.200	4.680	0.90	1.423
29	20	6.125	4.778	0.78	1.299	5.875	4.583	0.78	1.377	5.700	4.446	0.78	1.408	5.500	4.290	0.78	1.470
29	22	6.375	4.208	0.66	1.346	6.150	4.059	0.66	1.431	6.000	3.960	0.66	1.470	5.750	3.795	0.66	1.532
29	24	6.700	3.618	0.54	1.408	6.450	3.483	0.54	1.485	6.300	3.402	0.54	1.532	6.100	3.294	0.54	1.609
29	26	6.900	2.898	0.42	1.485	6.700	2.814	0.42	1.562	6.600	2.772	0.42	1.609	6.400	2.688	0.42	1.655
30	18	5.875	5.523	0.94	1.238	5.625	5.288	0.94	1.299	5.400	5.076	0.94	1.361	5.200	4.888	0.94	1.423
30	20	6.125	5.023	0.82	1.299	5.875	4.818	0.82	1.377	5.700	4.674	0.82	1.408	5.500	4.510	0.82	1.470
30	22	6.375	4.463	0.70	1.346	6.150	4.305	0.70	1.431	6.000	4.200	0.70	1.470	5.750	4.025	0.70	1.532
30	24	6.700	3.886	0.58	1.408	6.450	3.741	0.58	1.485	6.300	3.654	0.58	1.532	6.100	3.538	0.58	1.609
30	26	6.900	3.174	0.46	1.485	6.700	3.082	0.46	1.562	6.600	3.036	0.46	1.609	6.400	2.944	0.46	1.655
31	18	5.875	5.758	0.98	1.238	5.625	5.513	0.98	1.299	5.400	5.292	0.98	1.361	5.200	5.096	0.98	1.423
31	20	6.125	5.268	0.86	1.299	5.875	5.053	0.86	1.377	5.700	4.902	0.86	1.408	5.500	4.730	0.86	1.470
31	22	6.375	4.718	0.74	1.346	6.150	4.551	0.74	1.431	6.000	4.440	0.74	1.470	5.750	4.255	0.74	1.532
31	24	6.700	4.154	0.62	1.408	6.450	3.999	0.62	1.485	6.300	3.906	0.62	1.532	6.100	3.782	0.62	1.609
31	26	6.900	3.450	0.50	1.485	6.700	3.350	0.50	1.562	6.600	3.300	0.50	1.609	6.400	3.200	0.50	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	5.513	0.90	1.299	5.875	5.288	0.90	1.377	5.700	5.130	0.90	1.408	5.500	4.950	0.90	1.470
32	22	6.375	4.973	0.78	1.346	6.150	4.797	0.78	1.431	6.000	4.680	0.78	1.470	5.750	4.485	0.78	1.532
32	24	6.700	4.422	0.66	1.408	6.450	4.257	0.66	1.485	6.300	4.158	0.66	1.532	6.100	4.026	0.66	1.609
32	26	6.900	3.726	0.54	1.485	6.700	3.618	0.54	1.562	6.600	3.564	0.54	1.609	6.400	3.456	0.54	1.655

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

COOLING operation at Rated frequency
SEZ-M50DA2 SEZ-M50DAL2 / SUZ-M50VA
CAPACITY :5.000kW INPUT :1.547kW SHF :0.76

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.842	0.58	1.516	4.500	2.610	0.58	1.609	4.150	2.407	0.58	1.671
21	20	5.150	2.369	0.46	1.578	4.800	2.208	0.46	1.655	4.450	2.047	0.46	1.748
22	18	4.900	3.038	0.62	1.516	4.500	2.790	0.62	1.609	4.150	2.573	0.62	1.671
22	20	5.150	2.575	0.50	1.578	4.800	2.400	0.50	1.655	4.450	2.225	0.50	1.748
22	22	5.450	2.071	0.38	1.640	5.100	1.938	0.38	1.733	4.750	1.805	0.38	1.795
23	18	4.900	3.234	0.66	1.516	4.500	2.970	0.66	1.609	4.150	2.739	0.66	1.671
23	20	5.150	2.781	0.54	1.578	4.800	2.592	0.54	1.655	4.450	2.403	0.54	1.748
23	22	5.450	2.289	0.42	1.640	5.100	2.142	0.42	1.733	4.750	1.995	0.42	1.795
24	18	4.900	3.430	0.70	1.516	4.500	3.150	0.70	1.609	4.150	2.905	0.70	1.671
24	20	5.150	2.987	0.58	1.578	4.800	2.784	0.58	1.655	4.450	2.581	0.58	1.748
24	22	5.450	2.507	0.46	1.640	5.100	2.346	0.46	1.733	4.750	2.185	0.46	1.795
24	24	5.750	1.955	0.34	1.702	5.400	1.836	0.34	1.779	5.100	1.734	0.34	1.856
25	20	5.150	3.193	0.62	1.578	4.800	2.976	0.62	1.655	4.450	2.759	0.62	1.748
25	22	5.450	2.725	0.50	1.640	5.100	2.550	0.50	1.733	4.750	2.375	0.50	1.795
25	24	5.750	2.185	0.38	1.702	5.400	2.052	0.38	1.779	5.100	1.938	0.38	1.856
26	18	4.900	3.822	0.78	1.516	4.500	3.510	0.78	1.609	4.150	3.237	0.78	1.671
26	20	5.150	3.399	0.66	1.578	4.800	3.168	0.66	1.655	4.450	2.937	0.66	1.748
26	22	5.450	2.943	0.54	1.640	5.100	2.754	0.54	1.733	4.750	2.565	0.54	1.795
26	24	5.750	2.415	0.42	1.702	5.400	2.268	0.42	1.779	5.100	2.142	0.42	1.856
26	26	6.050	1.815	0.30	1.764	5.700	1.710	0.30	1.841	5.350	1.605	0.30	1.918
27	18	4.900	4.018	0.82	1.516	4.500	3.690	0.82	1.609	4.150	3.403	0.82	1.671
27	20	5.150	3.605	0.70	1.578	4.800	3.360	0.70	1.655	4.450	3.115	0.70	1.748
27	22	5.450	3.161	0.58	1.640	5.100	2.958	0.58	1.733	4.750	2.755	0.58	1.795
27	24	5.750	2.645	0.46	1.702	5.400	2.484	0.46	1.779	5.100	2.346	0.46	1.856
27	26	6.050	2.057	0.34	1.764	5.700	1.938	0.34	1.841	5.350	1.819	0.34	1.918
28	18	4.900	4.214	0.86	1.516	4.500	3.870	0.86	1.609	4.150	3.569	0.86	1.671
28	20	5.150	3.811	0.74	1.578	4.800	3.552	0.74	1.655	4.450	3.293	0.74	1.748
28	22	5.450	3.379	0.62	1.640	5.100	3.162	0.62	1.733	4.750	2.945	0.62	1.795
28	24	5.750	2.875	0.50	1.702	5.400	2.700	0.50	1.779	5.100	2.550	0.50	1.856
28	26	6.050	2.299	0.38	1.764	5.700	2.166	0.38	1.841	5.350	2.033	0.38	1.918
29	18	4.900	4.410	0.90	1.516	4.500	4.050	0.90	1.609	4.150	3.735	0.90	1.671
29	20	5.150	4.017	0.78	1.578	4.800	3.744	0.78	1.655	4.450	3.471	0.78	1.748
29	22	5.450	3.597	0.66	1.640	5.100	3.366	0.66	1.733	4.750	3.135	0.66	1.795
29	24	5.750	3.105	0.54	1.702	5.400	2.916	0.54	1.779	5.100	2.754	0.54	1.856
29	26	6.050	2.541	0.42	1.764	5.700	2.394	0.42	1.841	5.350	2.247	0.42	1.918
30	18	4.900	4.606	0.94	1.516	4.500	4.230	0.94	1.609	4.150	3.901	0.94	1.671
30	20	5.150	4.223	0.82	1.578	4.800	3.936	0.82	1.655	4.450	3.649	0.82	1.748
30	22	5.450	3.815	0.70	1.640	5.100	3.570	0.70	1.733	4.750	3.325	0.70	1.795
30	24	5.750	3.335	0.58	1.702	5.400	3.132	0.58	1.779	5.100	2.958	0.58	1.856
30	26	6.050	2.783	0.46	1.764	5.700	2.622	0.46	1.841	5.350	2.461	0.46	1.918
31	18	4.900	4.802	0.98	1.516	4.500	4.410	0.98	1.609	4.150	4.067	0.98	1.671
31	20	5.150	4.429	0.86	1.578	4.800	4.128	0.86	1.655	4.450	3.827	0.86	1.748
31	22	5.450	4.033	0.74	1.640	5.100	3.774	0.74	1.733	4.750	3.515	0.74	1.795
31	24	5.750	3.565	0.62	1.702	5.400	3.348	0.62	1.779	5.100	3.162	0.62	1.856
31	26	6.050	3.025	0.50	1.764	5.700	2.850	0.50	1.841	5.350	2.675	0.50	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	4.635	0.90	1.578	4.800	4.320	0.90	1.655	4.450	4.005	0.90	1.748
32	22	5.450	4.251	0.78	1.640	5.100	3.978	0.78	1.733	4.750	3.705	0.78	1.795
32	24	5.750	3.795	0.66	1.702	5.400	3.564	0.66	1.779	5.100	3.366	0.66	1.856
32	26	6.050	3.267	0.54	1.764	5.700	3.078	0.54	1.841	5.350	2.889	0.54	1.918

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

COOLING operation at Rated frequency
SEZ-M60DA2 SEZ-M60DAL2 / SUZ-M60VA
CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.086	0.57	1.478	6.863	3.912	0.57	1.552	6.588	3.755	0.57	1.626	6.344	3.616	0.57	1.700
21	20	7.473	3.363	0.45	1.552	7.168	3.226	0.45	1.645	6.954	3.129	0.45	1.682	6.710	3.020	0.45	1.756
22	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
22	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	22	7.778	2.878	0.37	1.608	7.503	2.776	0.37	1.709	7.320	2.708	0.37	1.756	7.015	2.596	0.37	1.830
23	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
23	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
23	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
24	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
24	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
24	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	24	8.174	2.697	0.33	1.682	7.869	2.597	0.33	1.774	7.686	2.536	0.33	1.830	7.442	2.456	0.33	1.922
25	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
25	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
25	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
26	18	7.168	5.519	0.77	1.478	6.863	5.285	0.77	1.552	6.588	5.073	0.77	1.626	6.344	4.885	0.77	1.700
26	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
26	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
26	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	26	8.418	2.441	0.29	1.774	8.174	2.370	0.29	1.866	8.052	2.335	0.29	1.922	7.808	2.264	0.29	1.977
27	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
27	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
27	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
27	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
27	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
28	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
28	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
28	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
28	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
28	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
29	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
29	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
29	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
29	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
29	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
30	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
30	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
30	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
30	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
30	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
31	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
31	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
31	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
31	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
31	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
32	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
32	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
32	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.268	0.53	1.922	7.808	4.138	0.53	1.977

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

COOLING operation at Rated frequency
SEZ-M60DA2 SEZ-M60DAL2 / SUZ-M60VA
CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.407	0.57	1.811	5.490	3.129	0.57	1.922	5.063	2.886	0.57	1.996
21	20	6.283	2.827	0.45	1.885	5.856	2.635	0.45	1.977	5.429	2.443	0.45	2.088
22	18	5.978	3.647	0.61	1.811	5.490	3.349	0.61	1.922	5.063	3.088	0.61	1.996
22	20	6.283	3.079	0.49	1.885	5.856	2.869	0.49	1.977	5.429	2.660	0.49	2.088
22	22	6.649	2.460	0.37	1.959	6.222	2.302	0.37	2.070	5.795	2.144	0.37	2.144
23	18	5.978	3.886	0.65	1.811	5.490	3.569	0.65	1.922	5.063	3.291	0.65	1.996
23	20	6.283	3.330	0.53	1.885	5.856	3.104	0.53	1.977	5.429	2.877	0.53	2.088
23	22	6.649	2.726	0.41	1.959	6.222	2.551	0.41	2.070	5.795	2.376	0.41	2.144
24	18	5.978	4.125	0.69	1.811	5.490	3.788	0.69	1.922	5.063	3.493	0.69	1.996
24	20	6.283	3.581	0.57	1.885	5.856	3.338	0.57	1.977	5.429	3.095	0.57	2.088
24	22	6.649	2.992	0.45	1.959	6.222	2.800	0.45	2.070	5.795	2.608	0.45	2.144
24	24	7.015	2.315	0.33	2.033	6.588	2.174	0.33	2.125	6.222	2.053	0.33	2.218
25	20	6.283	3.833	0.61	1.885	5.856	3.572	0.61	1.977	5.429	3.312	0.61	2.088
25	22	6.649	3.258	0.49	1.959	6.222	3.049	0.49	2.070	5.795	2.840	0.49	2.144
25	24	7.015	2.596	0.37	2.033	6.588	2.438	0.37	2.125	6.222	2.302	0.37	2.218
26	18	5.978	4.603	0.77	1.811	5.490	4.227	0.77	1.922	5.063	3.899	0.77	1.996
26	20	6.283	4.084	0.65	1.885	5.856	3.806	0.65	1.977	5.429	3.529	0.65	2.088
26	22	6.649	3.524	0.53	1.959	6.222	3.298	0.53	2.070	5.795	3.071	0.53	2.144
26	24	7.015	2.876	0.41	2.033	6.588	2.701	0.41	2.125	6.222	2.551	0.41	2.218
26	26	7.381	2.140	0.29	2.107	6.954	2.017	0.29	2.199	6.527	1.893	0.29	2.292
27	18	5.978	4.842	0.81	1.811	5.490	4.447	0.81	1.922	5.063	4.101	0.81	1.996
27	20	6.283	4.335	0.69	1.885	5.856	4.041	0.69	1.977	5.429	3.746	0.69	2.088
27	22	6.649	3.790	0.57	1.959	6.222	3.547	0.57	2.070	5.795	3.303	0.57	2.144
27	24	7.015	3.157	0.45	2.033	6.588	2.965	0.45	2.125	6.222	2.800	0.45	2.218
27	26	7.381	2.436	0.33	2.107	6.954	2.295	0.33	2.199	6.527	2.154	0.33	2.292
28	18	5.978	5.081	0.85	1.811	5.490	4.667	0.85	1.922	5.063	4.304	0.85	1.996
28	20	6.283	4.587	0.73	1.885	5.856	4.275	0.73	1.977	5.429	3.963	0.73	2.088
28	22	6.649	4.056	0.61	1.959	6.222	3.795	0.61	2.070	5.795	3.535	0.61	2.144
28	24	7.015	3.437	0.49	2.033	6.588	3.228	0.49	2.125	6.222	3.049	0.49	2.218
28	26	7.381	2.731	0.37	2.107	6.954	2.573	0.37	2.199	6.527	2.415	0.37	2.292
29	18	5.978	5.320	0.89	1.811	5.490	4.886	0.89	1.922	5.063	4.506	0.89	1.996
29	20	6.283	4.838	0.77	1.885	5.856	4.509	0.77	1.977	5.429	4.180	0.77	2.088
29	22	6.649	4.322	0.65	1.959	6.222	4.044	0.65	2.070	5.795	3.767	0.65	2.144
29	24	7.015	3.718	0.53	2.033	6.588	3.492	0.53	2.125	6.222	3.298	0.53	2.218
29	26	7.381	3.026	0.41	2.107	6.954	2.851	0.41	2.199	6.527	2.676	0.41	2.292
30	18	5.978	5.560	0.93	1.811	5.490	5.106	0.93	1.922	5.063	4.709	0.93	1.996
30	20	6.283	5.089	0.81	1.885	5.856	4.743	0.81	1.977	5.429	4.397	0.81	2.088
30	22	6.649	4.588	0.69	1.959	6.222	4.293	0.69	2.070	5.795	3.999	0.69	2.144
30	24	7.015	3.999	0.57	2.033	6.588	3.755	0.57	2.125	6.222	3.547	0.57	2.218
30	26	7.381	3.321	0.45	2.107	6.954	3.129	0.45	2.199	6.527	2.937	0.45	2.292
31	18	5.978	5.799	0.97	1.811	5.490	5.325	0.97	1.922	5.063	4.911	0.97	1.996
31	20	6.283	5.341	0.85	1.885	5.856	4.978	0.85	1.977	5.429	4.615	0.85	2.088
31	22	6.649	4.854	0.73	1.959	6.222	4.542	0.73	2.070	5.795	4.230	0.73	2.144
31	24	7.015	4.279	0.61	2.033	6.588	4.019	0.61	2.125	6.222	3.795	0.61	2.218
31	26	7.381	3.617	0.49	2.107	6.954	3.407	0.49	2.199	6.527	3.198	0.49	2.292
32	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
32	20	6.283	5.592	0.89	1.885	5.856	5.212	0.89	1.977	5.429	4.832	0.89	2.088
32	22	6.649	5.120	0.77	1.959	6.222	4.791	0.77	2.070	5.795	4.462	0.77	2.144
32	24	7.015	4.560	0.65	2.033	6.588	4.282	0.65	2.125	6.222	4.044	0.65	2.218
32	26	7.381	3.912	0.53	2.107	6.954	3.686	0.53	2.199	6.527	3.459	0.53	2.292

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

CEILING CONCEALED
PERFORMANCE DATA

COOLING operation at Rated frequency
SEZ-M71DA2 SEZ-M71DAL2 / SUZ-M71VA
CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.721	7.988	4.473	0.56	1.807	7.668	4.294	0.56	1.893	7.384	4.135	0.56	1.979
21	20	8.698	3.827	0.44	1.807	8.343	3.671	0.44	1.914	8.094	3.561	0.44	1.957	7.810	3.436	0.44	2.043
22	18	8.343	5.006	0.60	1.721	7.988	4.793	0.60	1.807	7.668	4.601	0.60	1.893	7.384	4.430	0.60	1.979
22	20	8.698	4.175	0.48	1.807	8.343	4.005	0.48	1.914	8.094	3.885	0.48	1.957	7.810	3.749	0.48	2.043
22	22	9.053	3.259	0.36	1.871	8.733	3.144	0.36	1.990	8.520	3.067	0.36	2.043	8.165	2.939	0.36	2.129
23	18	8.343	5.340	0.64	1.721	7.988	5.112	0.64	1.807	7.668	4.908	0.64	1.893	7.384	4.726	0.64	1.979
23	20	8.698	4.523	0.52	1.807	8.343	4.338	0.52	1.914	8.094	4.209	0.52	1.957	7.810	4.061	0.52	2.043
23	22	9.053	3.621	0.40	1.871	8.733	3.493	0.40	1.990	8.520	3.408	0.40	2.043	8.165	3.266	0.40	2.129
24	18	8.343	5.673	0.68	1.721	7.988	5.432	0.68	1.807	7.668	5.214	0.68	1.893	7.384	5.021	0.68	1.979
24	20	8.698	4.871	0.56	1.807	8.343	4.672	0.56	1.914	8.094	4.533	0.56	1.957	7.810	4.374	0.56	2.043
24	22	9.053	3.983	0.44	1.871	8.733	3.843	0.44	1.990	8.520	3.749	0.44	2.043	8.165	3.593	0.44	2.129
24	24	9.514	3.044	0.32	1.957	9.159	2.931	0.32	2.065	8.946	2.863	0.32	2.129	8.662	2.772	0.32	2.237
25	20	8.698	5.219	0.60	1.807	8.343	5.006	0.60	1.914	8.094	4.856	0.60	1.957	7.810	4.686	0.60	2.043
25	22	9.053	4.345	0.48	1.871	8.733	4.192	0.48	1.990	8.520	4.090	0.48	2.043	8.165	3.919	0.48	2.129
25	24	9.514	3.425	0.36	1.957	9.159	3.297	0.36	2.065	8.946	3.221	0.36	2.129	8.662	3.118	0.36	2.237
26	18	8.343	6.341	0.76	1.721	7.988	6.071	0.76	1.807	7.668	5.828	0.76	1.893	7.384	5.612	0.76	1.979
26	20	8.698	5.567	0.64	1.807	8.343	5.340	0.64	1.914	8.094	5.180	0.64	1.957	7.810	4.998	0.64	2.043
26	22	9.053	4.708	0.52	1.871	8.733	4.541	0.52	1.990	8.520	4.430	0.52	2.043	8.165	4.246	0.52	2.129
26	24	9.514	3.806	0.40	1.957	9.159	3.664	0.40	2.065	8.946	3.578	0.40	2.129	8.662	3.465	0.40	2.237
26	26	9.798	2.743	0.28	2.065	9.514	2.664	0.28	2.173	9.372	2.624	0.28	2.237	9.088	2.545	0.28	2.302
27	18	8.343	6.674	0.80	1.721	7.988	6.390	0.80	1.807	7.668	6.134	0.80	1.893	7.384	5.907	0.80	1.979
27	20	8.698	5.915	0.68	1.807	8.343	5.673	0.68	1.914	8.094	5.504	0.68	1.957	7.810	5.311	0.68	2.043
27	22	9.053	5.070	0.56	1.871	8.733	4.890	0.56	1.990	8.520	4.771	0.56	2.043	8.165	4.572	0.56	2.129
27	24	9.514	4.186	0.44	1.957	9.159	4.030	0.44	2.065	8.946	3.936	0.44	2.129	8.662	3.811	0.44	2.237
27	26	9.798	3.135	0.32	2.065	9.514	3.044	0.32	2.173	9.372	2.999	0.32	2.237	9.088	2.908	0.32	2.302
28	18	8.343	7.008	0.84	1.721	7.988	6.710	0.84	1.807	7.668	6.441	0.84	1.893	7.384	6.203	0.84	1.979
28	20	8.698	6.263	0.72	1.807	8.343	6.007	0.72	1.914	8.094	5.828	0.72	1.957	7.810	5.623	0.72	2.043
28	22	9.053	5.432	0.60	1.871	8.733	5.240	0.60	1.990	8.520	5.112	0.60	2.043	8.165	4.899	0.60	2.129
28	24	9.514	4.567	0.48	1.957	9.159	4.396	0.48	2.065	8.946	4.294	0.48	2.129	8.662	4.158	0.48	2.237
28	26	9.798	3.527	0.36	2.065	9.514	3.425	0.36	2.173	9.372	3.374	0.36	2.237	9.088	3.272	0.36	2.302
29	18	8.343	7.342	0.88	1.721	7.988	7.029	0.88	1.807	7.668	6.748	0.88	1.893	7.384	6.498	0.88	1.979
29	20	8.698	6.610	0.76	1.807	8.343	6.341	0.76	1.914	8.094	6.151	0.76	1.957	7.810	5.936	0.76	2.043
29	22	9.053	5.794	0.64	1.871	8.733	5.589	0.64	1.990	8.520	5.453	0.64	2.043	8.165	5.226	0.64	2.129
29	24	9.514	4.947	0.52	1.957	9.159	4.763	0.52	2.065	8.946	4.652	0.52	2.129	8.662	4.504	0.52	2.237
29	26	9.798	3.919	0.40	2.065	9.514	3.806	0.40	2.173	9.372	3.749	0.40	2.237	9.088	3.635	0.40	2.302
30	18	8.343	7.676	0.92	1.721	7.988	7.349	0.92	1.807	7.668	7.055	0.92	1.893	7.384	6.793	0.92	1.979
30	20	8.698	6.958	0.80	1.807	8.343	6.674	0.80	1.914	8.094	6.475	0.80	1.957	7.810	6.248	0.80	2.043
30	22	9.053	6.156	0.68	1.871	8.733	5.938	0.68	1.990	8.520	5.794	0.68	2.043	8.165	5.552	0.68	2.129
30	24	9.514	5.328	0.56	1.957	9.159	5.129	0.56	2.065	8.946	5.010	0.56	2.129	8.662	4.851	0.56	2.237
30	26	9.798	4.311	0.44	2.065	9.514	4.186	0.44	2.173	9.372	4.124	0.44	2.237	9.088	3.999	0.44	2.302
31	18	8.343	8.009	0.96	1.721	7.988	7.668	0.96	1.807	7.668	7.361	0.96	1.893	7.384	7.089	0.96	1.979
31	20	8.698	7.306	0.84	1.807	8.343	7.008	0.84	1.914	8.094	6.799	0.84	1.957	7.810	6.560	0.84	2.043
31	22	9.053	6.518	0.72	1.871	8.733	6.288	0.72	1.990	8.520	6.134	0.72	2.043	8.165	5.879	0.72	2.129
31	24	9.514	5.708	0.60	1.957	9.159	5.495	0.60	2.065	8.946	5.368	0.60	2.129	8.662	5.197	0.60	2.237
31	26	9.798	4.703	0.48	2.065	9.514	4.567	0.48	2.173	9.372	4.499	0.48	2.237	9.088	4.362	0.48	2.302
32	18	8.343	8.343	1.00	1.721	7.988	7.988	1.00	1.807	7.668	7.668	1.00	1.893	7.384	7.384	1.00	1.979
32	20	8.698	7.654	0.88	1.807	8.343	7.342	0.88	1.914	8.094	7.123	0.88	1.957	7.810	6.873	0.88	2.043
32	22	9.053	6.880	0.76	1.871	8.733	6.637	0.76	1.990	8.520	6.475	0.76	2.043	8.165	6.205	0.76	2.129
32	24	9.514	6.089	0.64	1.957	9.159	5.862	0.64	2.065	8.946	5.725	0.64	2.129	8.662	5.544	0.64	2.237
32	26	9.798	5.095	0.52	2.065	9.514	4.947	0.52	2.173	9.372	4.873	0.52	2.237	9.088	4.726	0.52	2.302

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

COOLING operation at Rated frequency
SEZ-M71DA2 SEZ-M71DAL2 / SUZ-M71VA
CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	2.108	6.390	3.578	0.56	2.237	5.893	3.300	0.56	2.323
21	20	7.313	3.218	0.44	2.194	6.816	2.999	0.44	2.302	6.319	2.780	0.44	2.431
22	18	6.958	4.175	0.60	2.108	6.390	3.834	0.60	2.237	5.893	3.536	0.60	2.323
22	20	7.313	3.510	0.48	2.194	6.816	3.272	0.48	2.302	6.319	3.033	0.48	2.431
22	22	7.739	2.786	0.36	2.280	7.242	2.607	0.36	2.409	6.745	2.428	0.36	2.495
23	18	6.958	4.453	0.64	2.108	6.390	4.090	0.64	2.237	5.893	3.772	0.64	2.323
23	20	7.313	3.803	0.52	2.194	6.816	3.544	0.52	2.302	6.319	3.286	0.52	2.431
23	22	7.739	3.096	0.40	2.280	7.242	2.897	0.40	2.409	6.745	2.698	0.40	2.495
24	18	6.958	4.731	0.68	2.108	6.390	4.345	0.68	2.237	5.893	4.007	0.68	2.323
24	20	7.313	4.095	0.56	2.194	6.816	3.817	0.56	2.302	6.319	3.539	0.56	2.431
24	22	7.739	3.405	0.44	2.280	7.242	3.186	0.44	2.409	6.745	2.968	0.44	2.495
24	24	8.165	2.613	0.32	2.366	7.668	2.454	0.32	2.474	7.242	2.317	0.32	2.581
25	20	7.313	4.388	0.60	2.194	6.816	4.090	0.60	2.302	6.319	3.791	0.60	2.431
25	22	7.739	3.715	0.48	2.280	7.242	3.476	0.48	2.409	6.745	3.238	0.48	2.495
25	24	8.165	2.939	0.36	2.366	7.668	2.760	0.36	2.474	7.242	2.607	0.36	2.581
26	18	6.958	5.288	0.76	2.108	6.390	4.856	0.76	2.237	5.893	4.479	0.76	2.323
26	20	7.313	4.680	0.64	2.194	6.816	4.362	0.64	2.302	6.319	4.044	0.64	2.431
26	22	7.739	4.024	0.52	2.280	7.242	3.766	0.52	2.409	6.745	3.507	0.52	2.495
26	24	8.165	3.266	0.40	2.366	7.668	3.067	0.40	2.474	7.242	2.897	0.40	2.581
26	26	8.591	2.405	0.28	2.452	8.094	2.266	0.28	2.560	7.597	2.127	0.28	2.667
27	18	6.958	5.566	0.80	2.108	6.390	5.112	0.80	2.237	5.893	4.714	0.80	2.323
27	20	7.313	4.973	0.68	2.194	6.816	4.635	0.68	2.302	6.319	4.297	0.68	2.431
27	22	7.739	4.334	0.56	2.280	7.242	4.056	0.56	2.409	6.745	3.777	0.56	2.495
27	24	8.165	3.593	0.44	2.366	7.668	3.374	0.44	2.474	7.242	3.186	0.44	2.581
27	26	8.591	2.749	0.32	2.452	8.094	2.590	0.32	2.560	7.597	2.431	0.32	2.667
28	18	6.958	5.845	0.84	2.108	6.390	5.368	0.84	2.237	5.893	4.950	0.84	2.323
28	20	7.313	5.265	0.72	2.194	6.816	4.908	0.72	2.302	6.319	4.550	0.72	2.431
28	22	7.739	4.643	0.60	2.280	7.242	4.345	0.60	2.409	6.745	4.047	0.60	2.495
28	24	8.165	3.919	0.48	2.366	7.668	3.681	0.48	2.474	7.242	3.476	0.48	2.581
28	26	8.591	3.093	0.36	2.452	8.094	2.914	0.36	2.560	7.597	2.735	0.36	2.667
29	18	6.958	6.123	0.88	2.108	6.390	5.623	0.88	2.237	5.893	5.186	0.88	2.323
29	20	7.313	5.558	0.76	2.194	6.816	5.180	0.76	2.302	6.319	4.802	0.76	2.431
29	22	7.739	4.953	0.64	2.280	7.242	4.635	0.64	2.409	6.745	4.317	0.64	2.495
29	24	8.165	4.246	0.52	2.366	7.668	3.987	0.52	2.474	7.242	3.766	0.52	2.581
29	26	8.591	3.436	0.40	2.452	8.094	3.238	0.40	2.560	7.597	3.039	0.40	2.667
30	18	6.958	6.401	0.92	2.108	6.390	5.879	0.92	2.237	5.893	5.422	0.92	2.323
30	20	7.313	5.850	0.80	2.194	6.816	5.453	0.80	2.302	6.319	5.055	0.80	2.431
30	22	7.739	5.263	0.68	2.280	7.242	4.925	0.68	2.409	6.745	4.587	0.68	2.495
30	24	8.165	4.572	0.56	2.366	7.668	4.294	0.56	2.474	7.242	4.056	0.56	2.581
30	26	8.591	3.780	0.44	2.452	8.094	3.561	0.44	2.560	7.597	3.343	0.44	2.667
31	18	6.958	6.680	0.96	2.108	6.390	6.134	0.96	2.237	5.893	5.657	0.96	2.323
31	20	7.313	6.143	0.84	2.194	6.816	5.725	0.84	2.302	6.319	5.308	0.84	2.431
31	22	7.739	5.572	0.72	2.280	7.242	5.214	0.72	2.409	6.745	4.856	0.72	2.495
31	24	8.165	4.899	0.60	2.366	7.668	4.601	0.60	2.474	7.242	4.345	0.60	2.581
31	26	8.591	4.124	0.48	2.452	8.094	3.885	0.48	2.560	7.597	3.647	0.48	2.667
32	18	6.958	6.958	1.00	2.108	6.390	6.390	1.00	2.237	5.893	5.893	1.00	2.323
32	20	7.313	6.435	0.88	2.194	6.816	5.998	0.88	2.302	6.319	5.561	0.88	2.431
32	22	7.739	5.882	0.76	2.280	7.242	5.504	0.76	2.409	6.745	5.126	0.76	2.495
32	24	8.165	5.226	0.64	2.366	7.668	4.908	0.64	2.474	7.242	4.635	0.64	2.581
32	26	8.591	4.467	0.52	2.452	8.094	4.209	0.52	2.560	7.597	3.950	0.52	2.667

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

HEATING operation

SEZ-M25DA2 SEZ-M25DAL2 / SUZ-M25VA at Rated frequency

CAPACITY : 2.900kW INPUT : 0.803kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.450	0.418	1.827	0.522	2.204	0.626	2.581	0.707	2.958	0.763	3.335	0.811	3.683	0.835	4.060	0.851
21	1.363	0.445	1.740	0.562	2.088	0.666	2.465	0.739	2.813	0.795	3.190	0.835	3.538	0.859	3.901	0.891
26	1.189	0.482	1.566	0.602	1.943	0.707	2.291	0.779	2.668	0.835	3.045	0.875	3.393	0.899	3.770	0.923

SEZ-M35DA2 SEZ-M35DAL2 / SUZ-M35VA at Rated frequency

CAPACITY : 4.200kW INPUT : 1.076kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.100	0.560	2.646	0.699	3.192	0.839	3.738	0.947	4.284	1.022	4.830	1.087	5.334	1.119	5.880	1.141
21	1.974	0.596	2.520	0.753	3.024	0.893	3.570	0.990	4.074	1.065	4.620	1.119	5.124	1.151	5.649	1.194
26	1.722	0.646	2.268	0.807	2.814	0.947	3.318	1.044	3.864	1.119	4.410	1.173	4.914	1.205	5.460	1.237

SEZ-M50DA2 SEZ-M50DAL2 / SUZ-M50VA at Rated frequency

CAPACITY : 6.000kW INPUT : 1.617kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860

SEZ-M60DA2 SEZ-M60DAL2 / SUZ-M60VA at Rated frequency

CAPACITY : 7.400kW INPUT : 2.049kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.700	1.065	4.662	1.332	5.624	1.598	6.586	1.803	7.548	1.947	8.510	2.069	9.398	2.131	10.360	2.172
21	3.478	1.135	4.440	1.434	5.328	1.701	6.290	1.885	7.178	2.029	8.140	2.131	9.028	2.192	9.953	2.274
26	3.034	1.229	3.996	1.537	4.958	1.803	5.846	1.988	6.808	2.131	7.770	2.233	8.658	2.295	9.620	2.356

SEZ-M71DA2 SEZ-M71DAL2 / SUZ-M71VA at Rated frequency

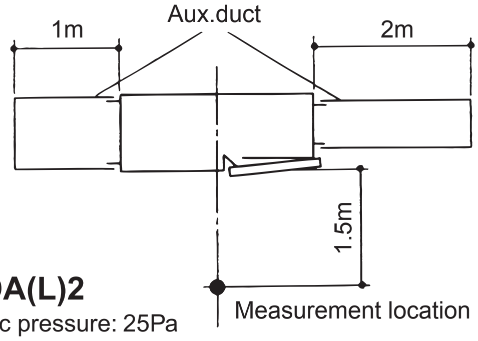
CAPACITY : 8.000kW INPUT : 2.285kW

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

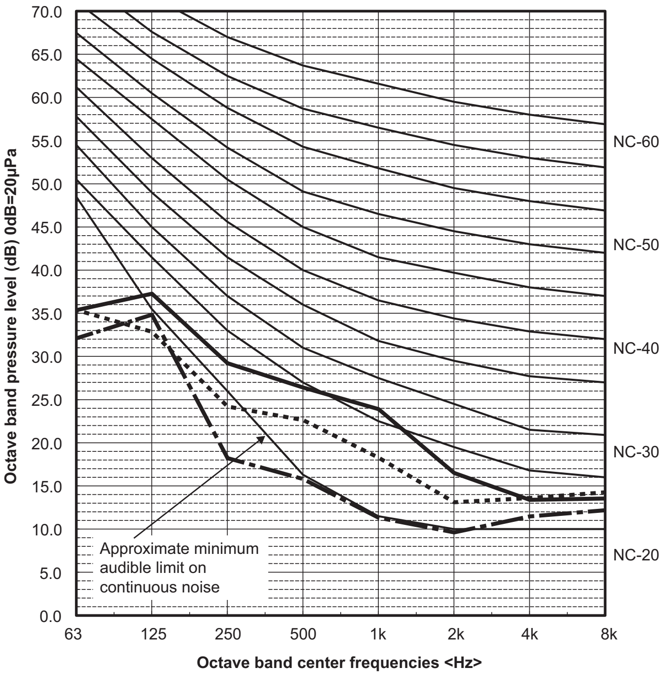
Note:
CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (℃)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (℃)

B.2.6 NOISE CRITERIA CURVES

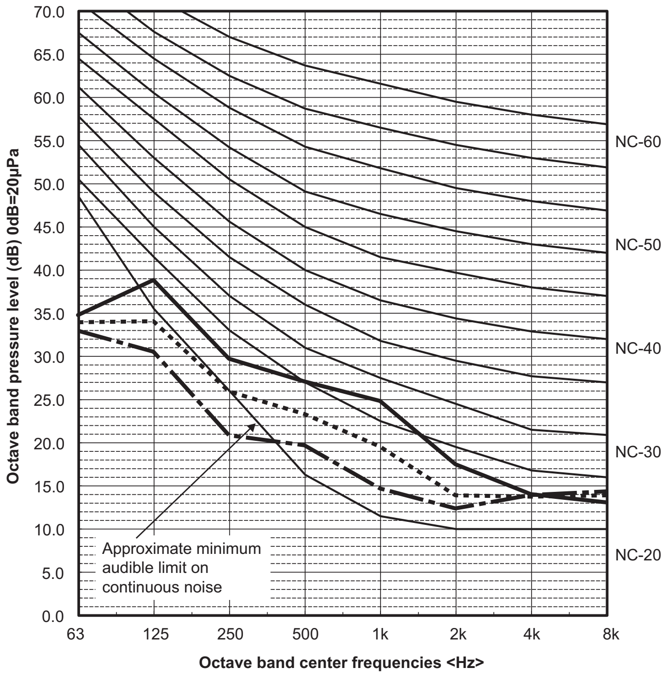
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than the indicated level in actual use due to surrounding echoes. The sound level can be higher by about 2 dB than the indicated level during cooling and heating operation.



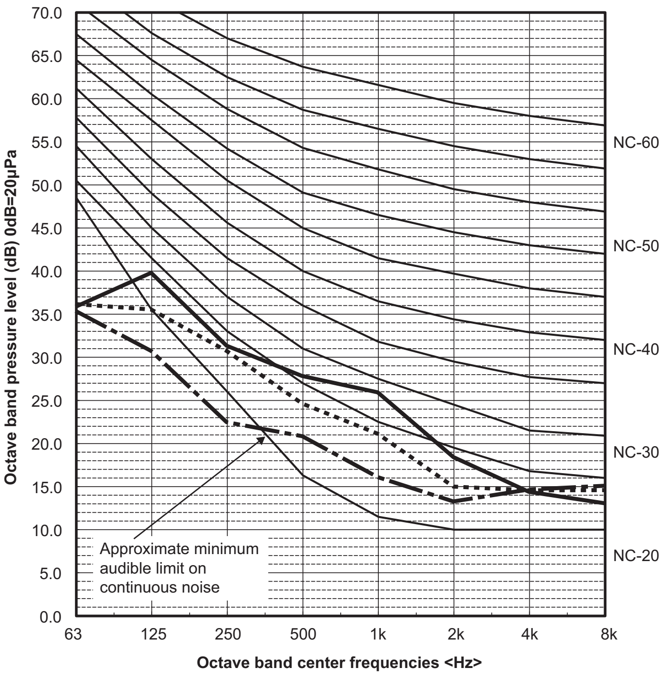
SEZ-M25DA(L)2
External static pressure: 5Pa
Power source: 220-240V



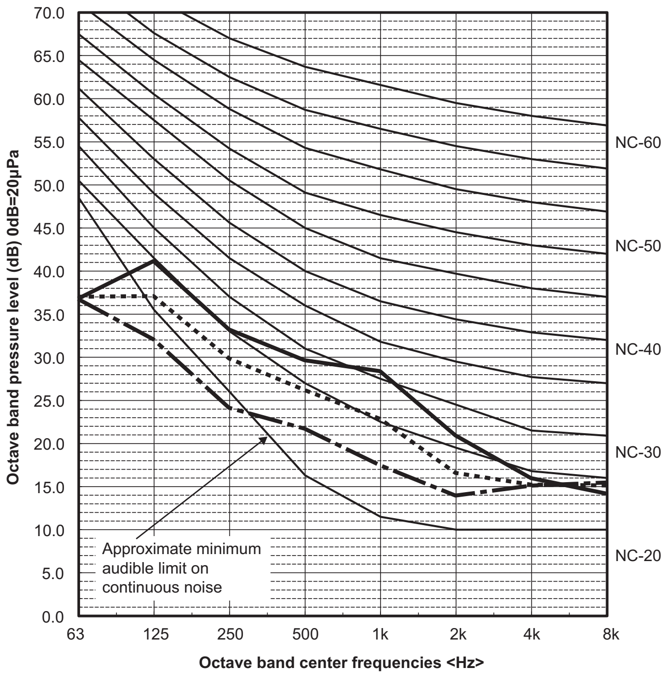
SEZ-M25DA(L)2
External static pressure: 25Pa
Power source: 220-240V



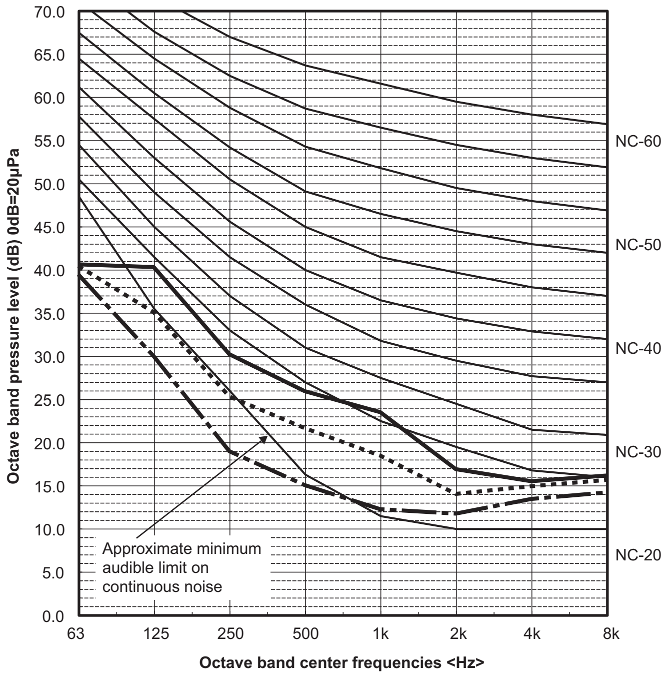
SEZ-M25DA(L)2
External static pressure: 35Pa
Power source: 220-240V



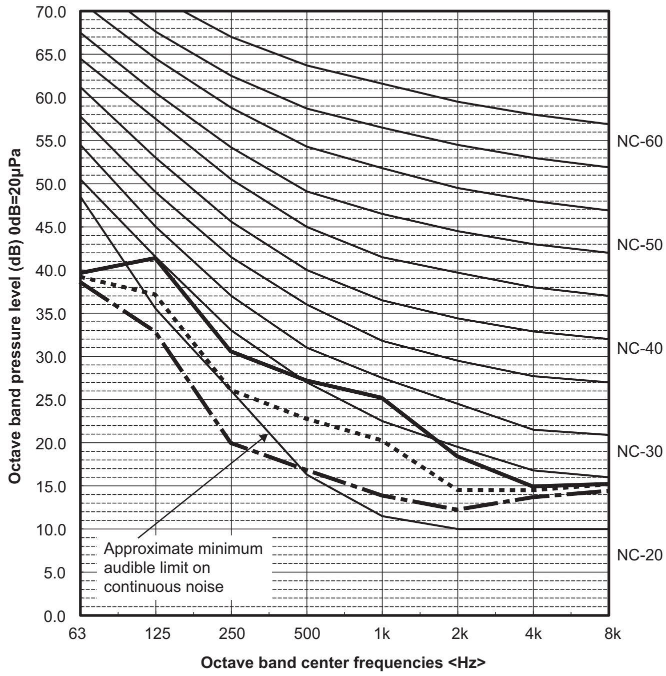
SEZ-M25DA(L)2
External static pressure: 50Pa
Power source: 220-240V



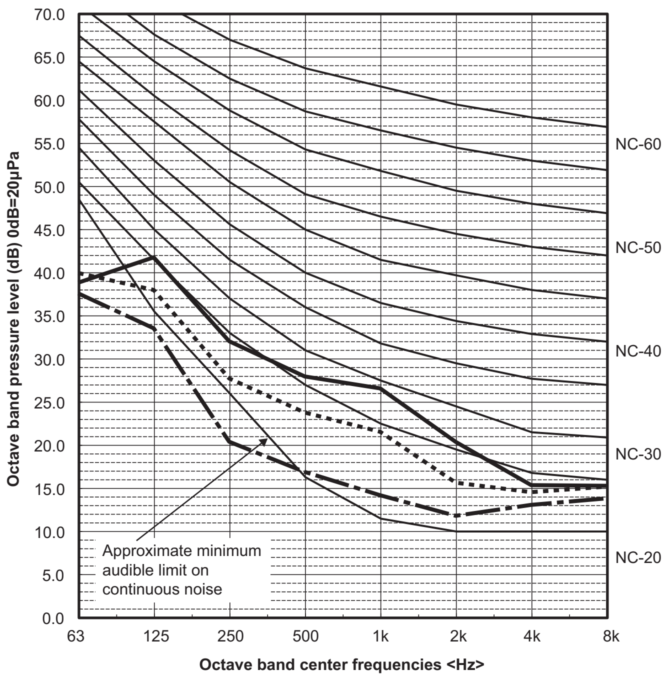
SEZ-M35DA(L)2
External static pressure: 5Pa
Power source: 220-240V



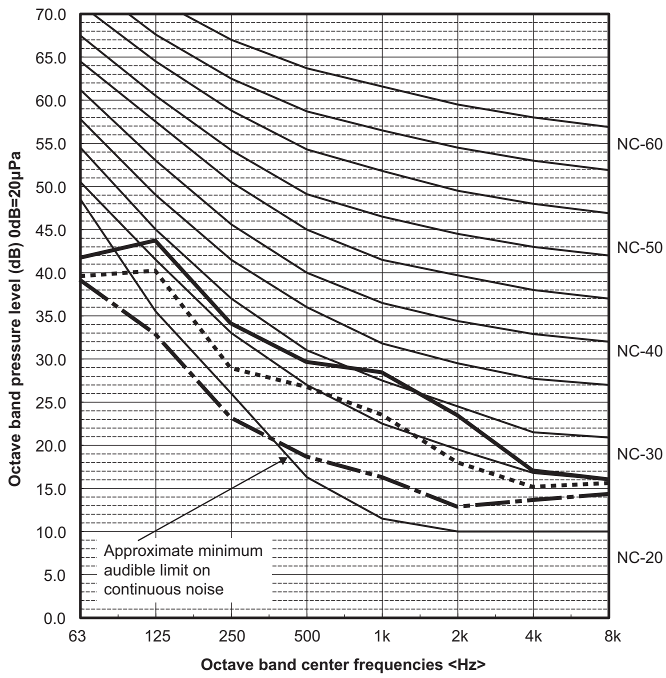
SEZ-M35DA(L)2
External static pressure: 25Pa
Power source: 220-240V



SEZ-M35DA(L)2
External static pressure: 35Pa
Power source: 220-240V



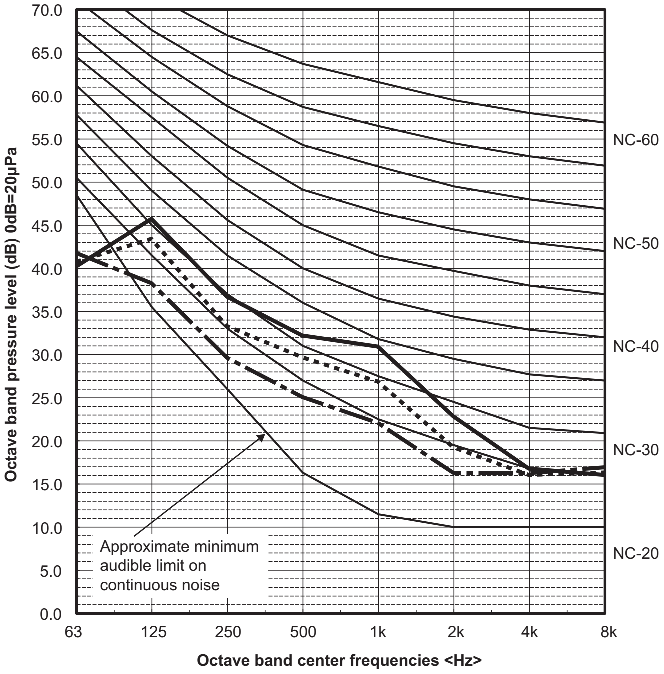
SEZ-M35DA(L)2
External static pressure: 50Pa
Power source: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

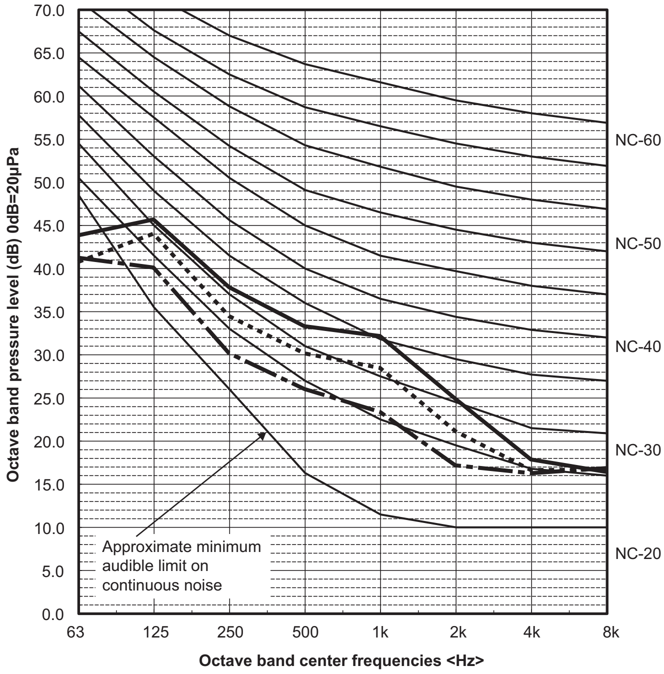
SEZ-M50DA(L)2

External static pressure: 5Pa
Power source: 220-240V



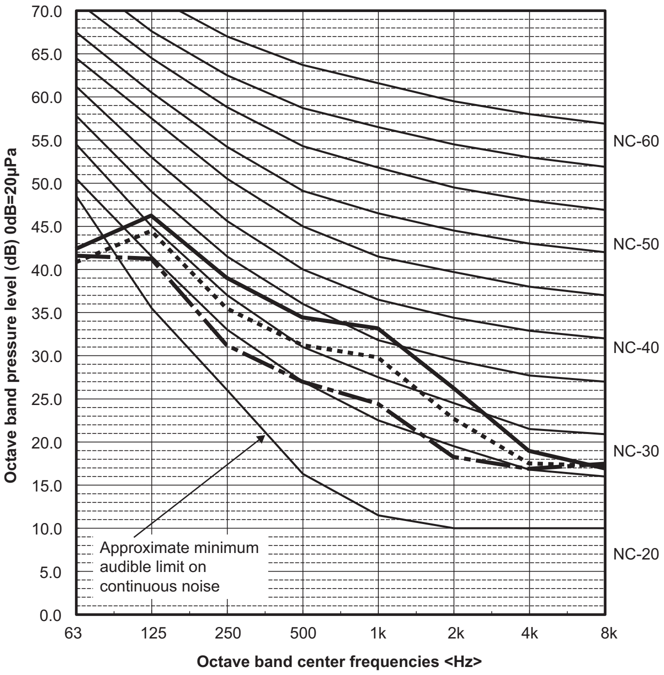
SEZ-M50DA(L)2

External static pressure: 25Pa
Power source: 220-240V



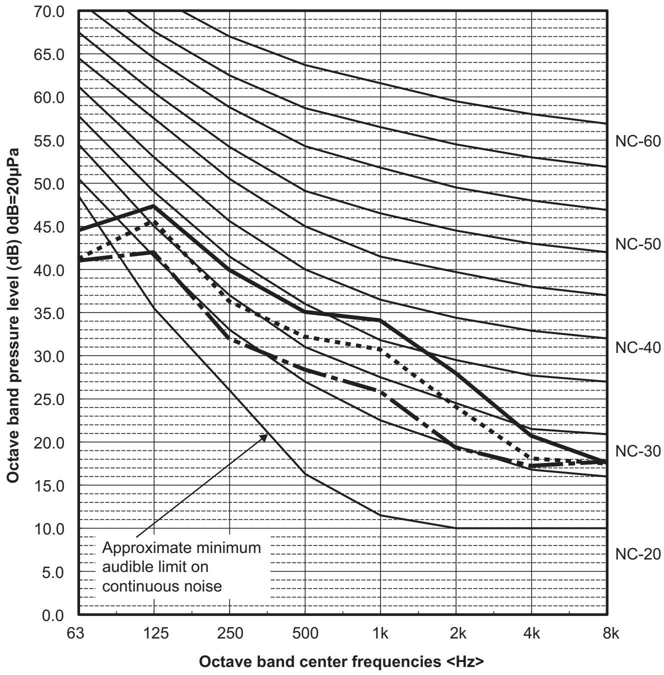
SEZ-M50DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M50DA(L)2

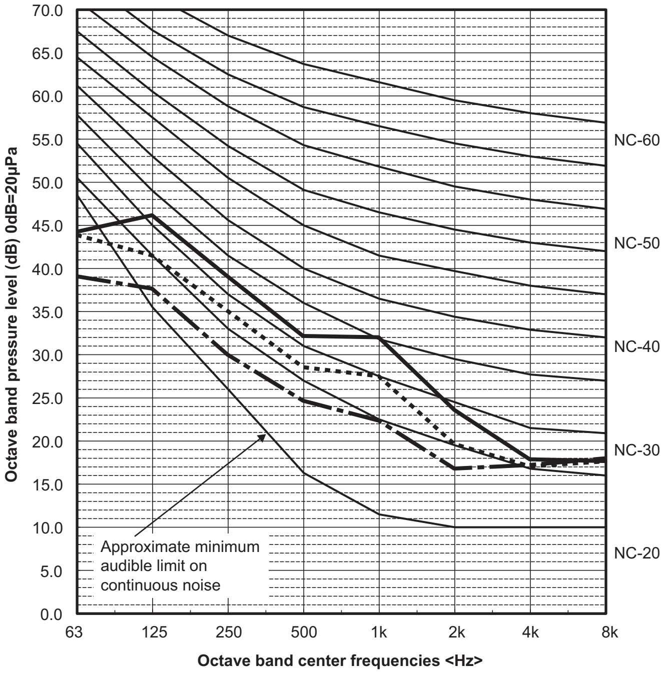
External static pressure: 50Pa
Power source: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

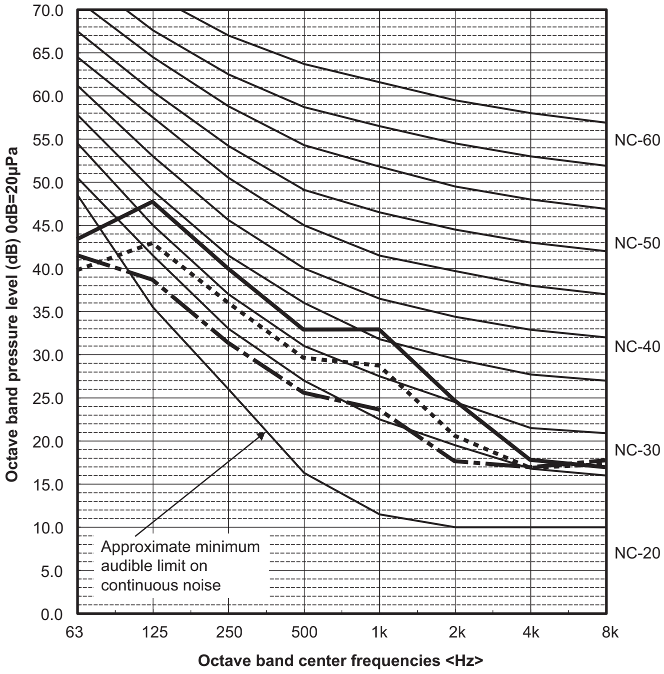
SEZ-M60DA(L)2

External static pressure: 5Pa
Power source: 220-240V



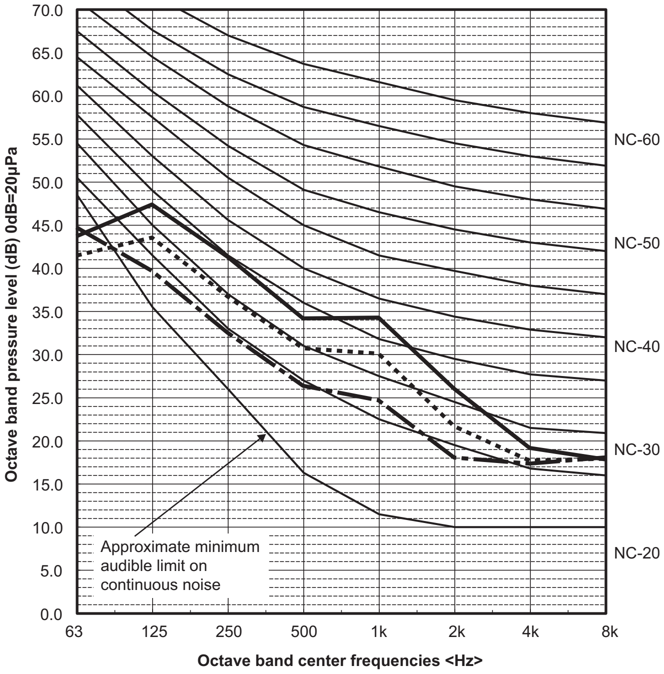
SEZ-M60DA(L)2

External static pressure: 25Pa
Power source: 220-240V



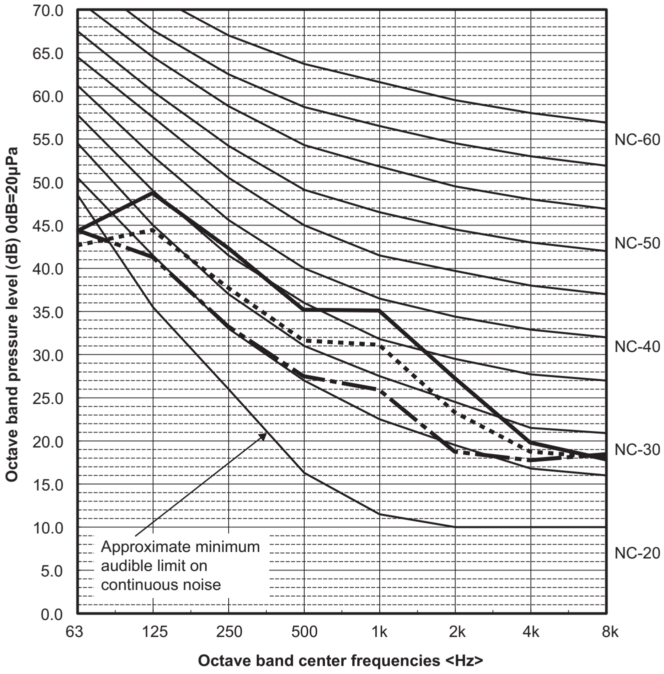
SEZ-M60DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M60DA(L)2

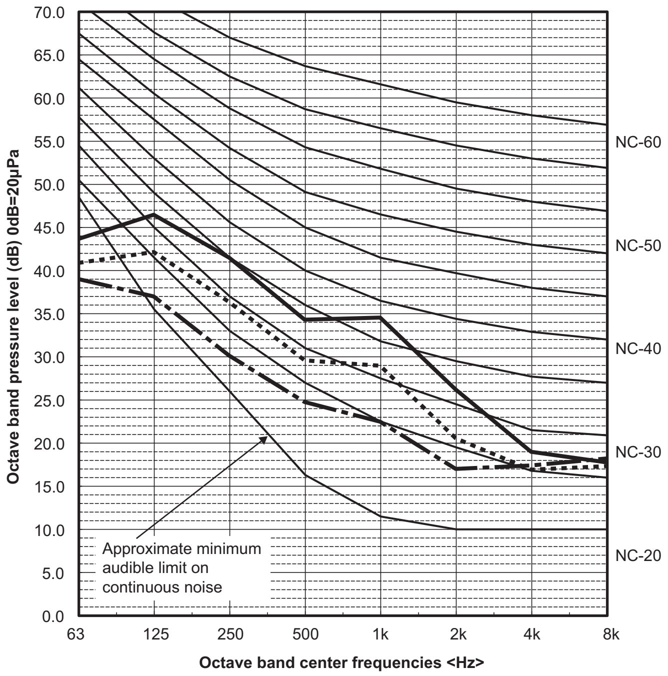
External static pressure: 50Pa
Power source: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

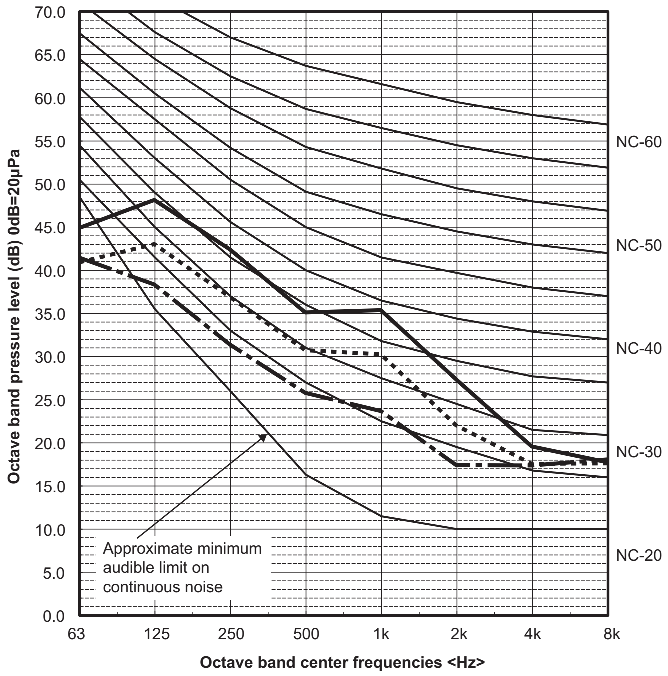
SEZ-M71DA(L)2

External static pressure: 5Pa
Power source: 220-240V



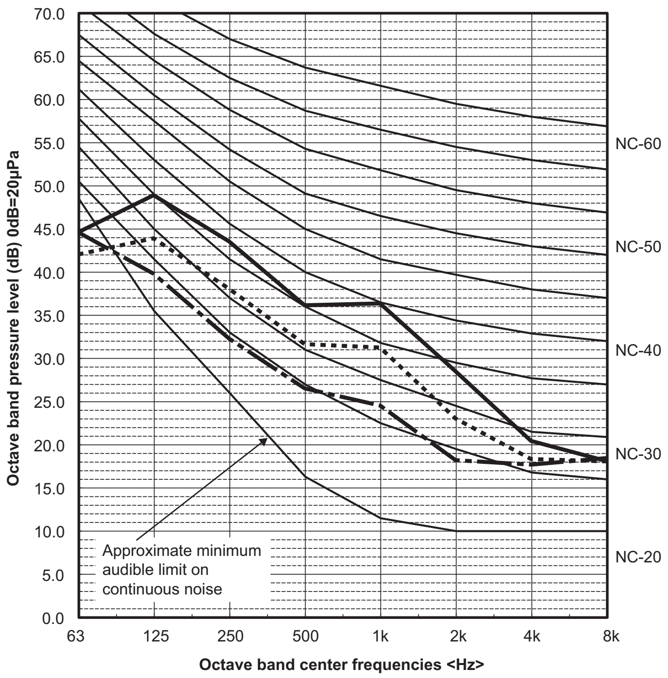
SEZ-M71DA(L)2

External static pressure: 25Pa
Power source: 220-240V



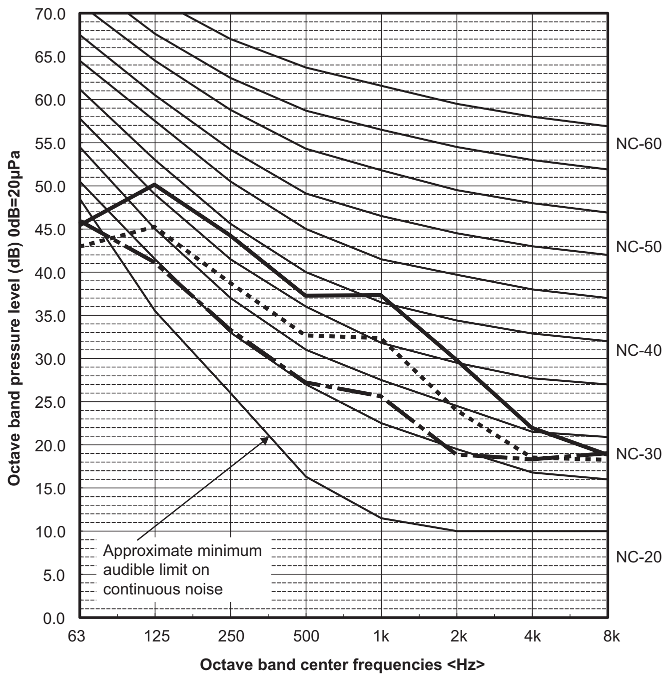
SEZ-M71DA(L)2

External static pressure: 35Pa
Power source: 220-240V



SEZ-M71DA(L)2

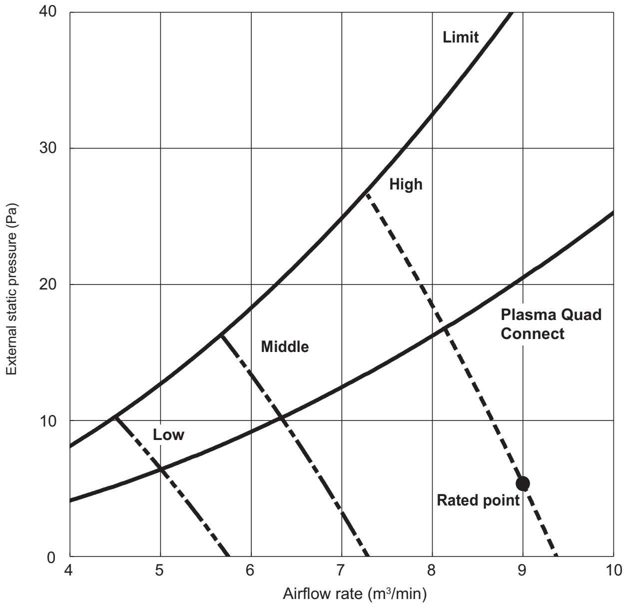
External static pressure: 50Pa
Power source: 220-240V



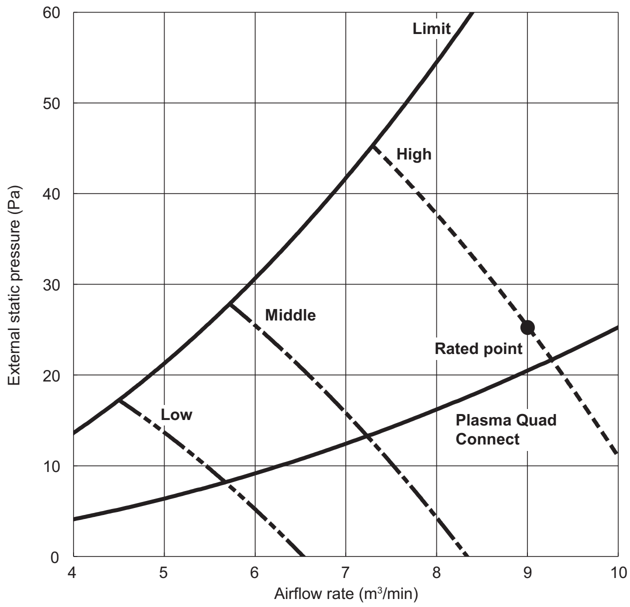
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

B.2.7 INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

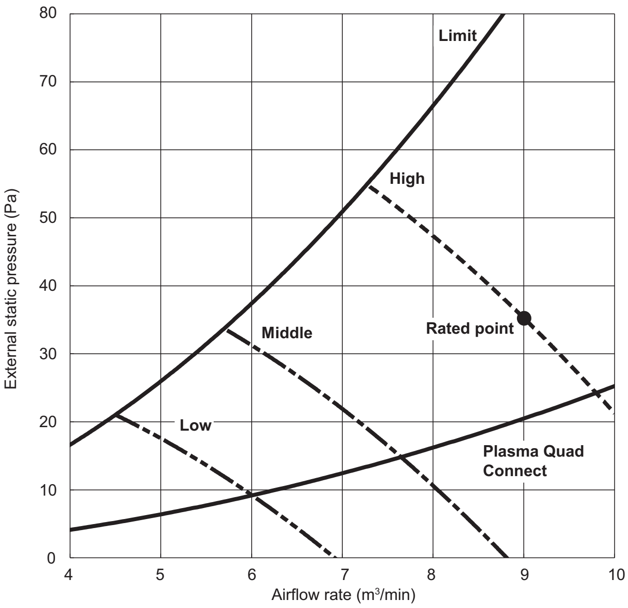
SEZ-M25DA(L)2
External static pressure: 5Pa
Powersource: 220-240V



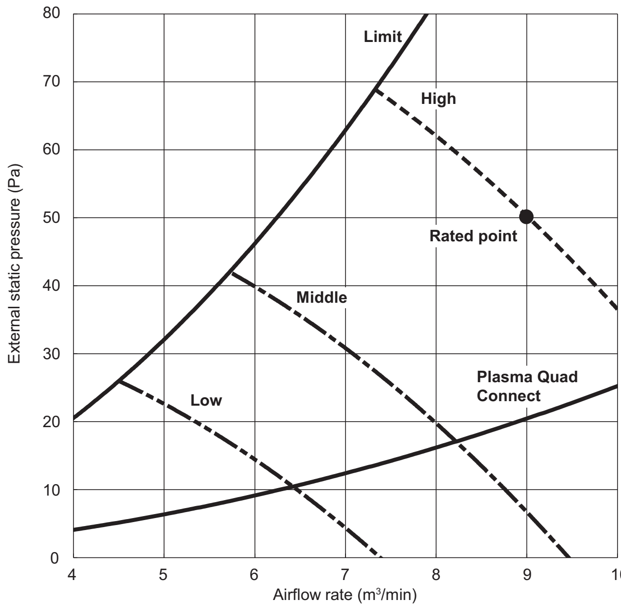
SEZ-M25DA(L)2
External static pressure: 25Pa
Powersource: 220-240V



SEZ-M25DA(L)2
External static pressure: 35Pa
Powersource: 220-240V

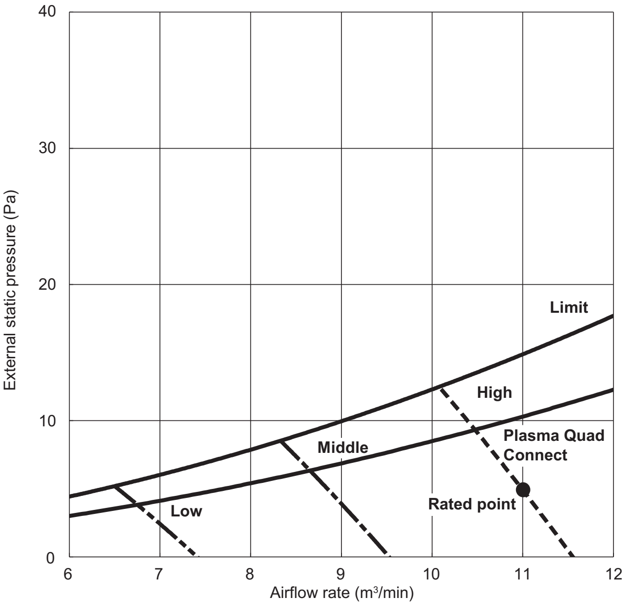


SEZ-M25DA(L)2
External static pressure: 50Pa
Powersource: 220-240V



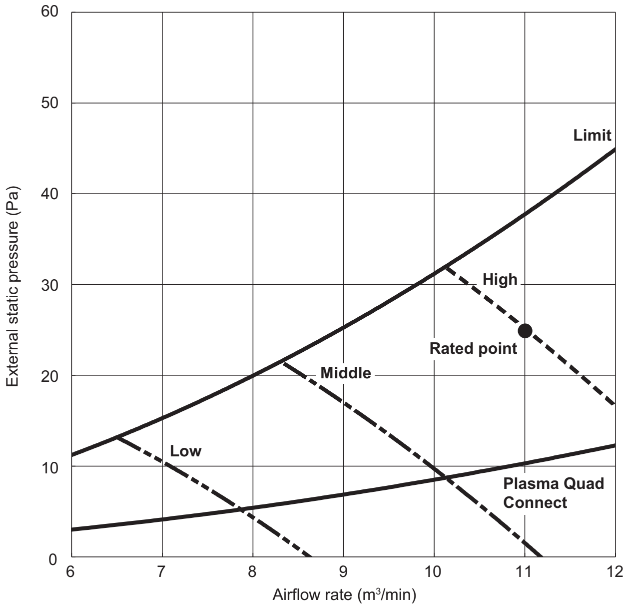
SEZ-M35DA(L)2

External static pressure: 5Pa
Powersource: 220-240V



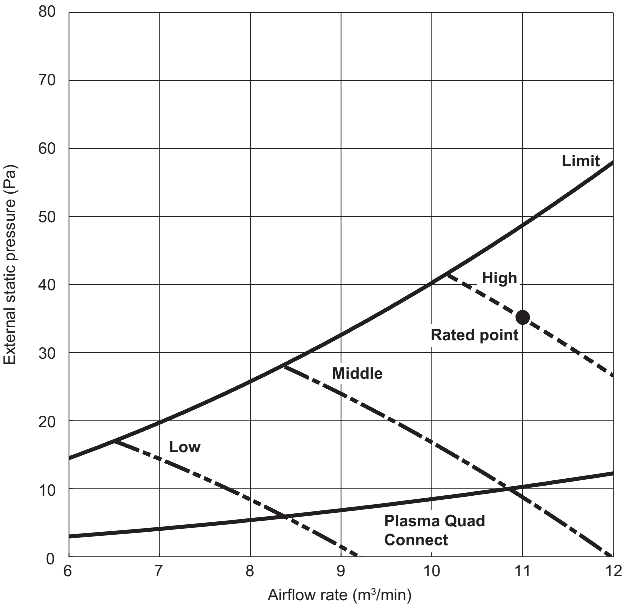
SEZ-M35DA(L)2

External static pressure: 25Pa
Powersource: 220-240V



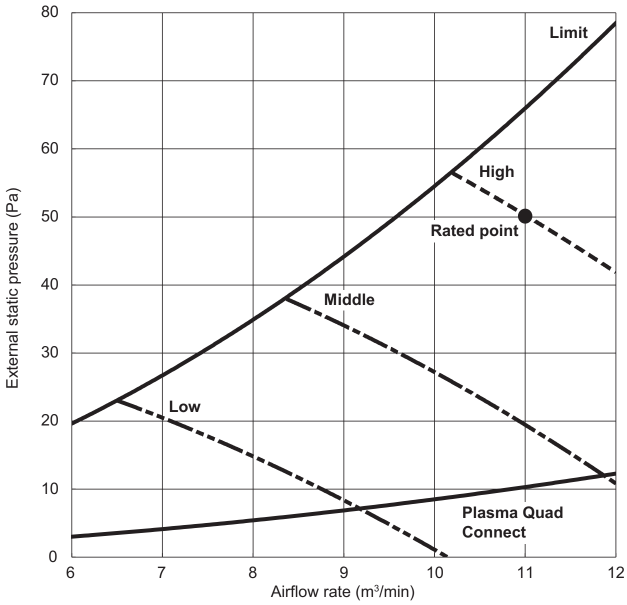
SEZ-M35DA(L)2

External static pressure: 35Pa
Powersource: 220-240V



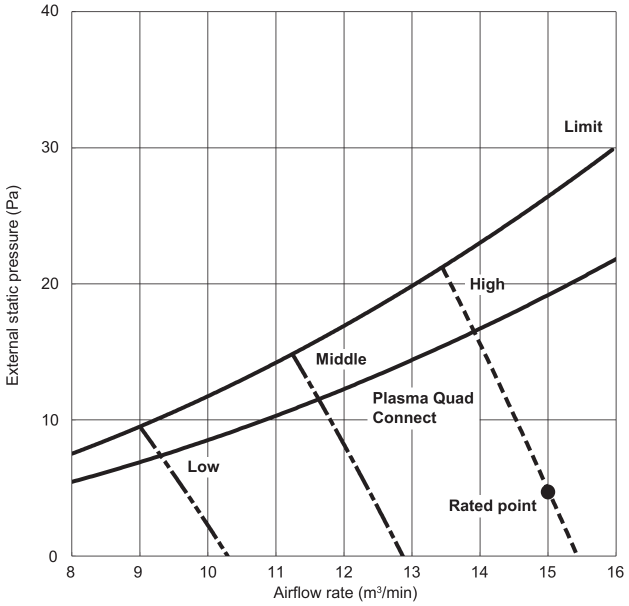
SEZ-M35DA(L)2

External static pressure: 50Pa
Powersource: 220-240V



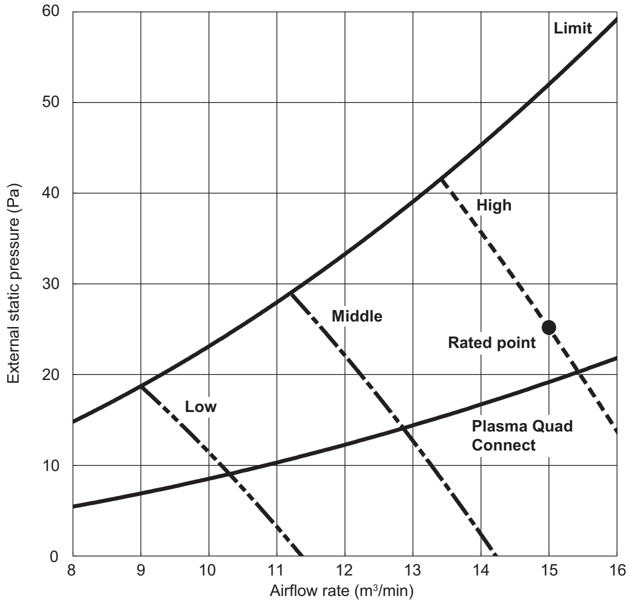
SEZ-M50DA(L)2

External static pressure: 5Pa
Powersource: 220-240V



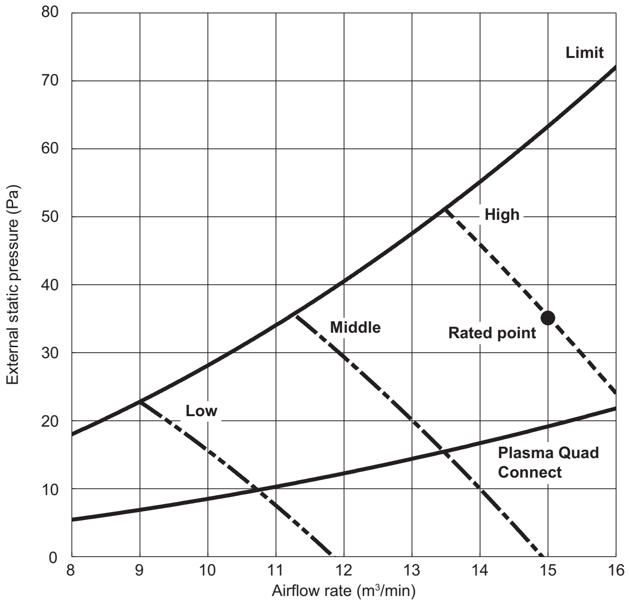
SEZ-M50DA(L)2

External static pressure: 25Pa
Powersource: 220-240V



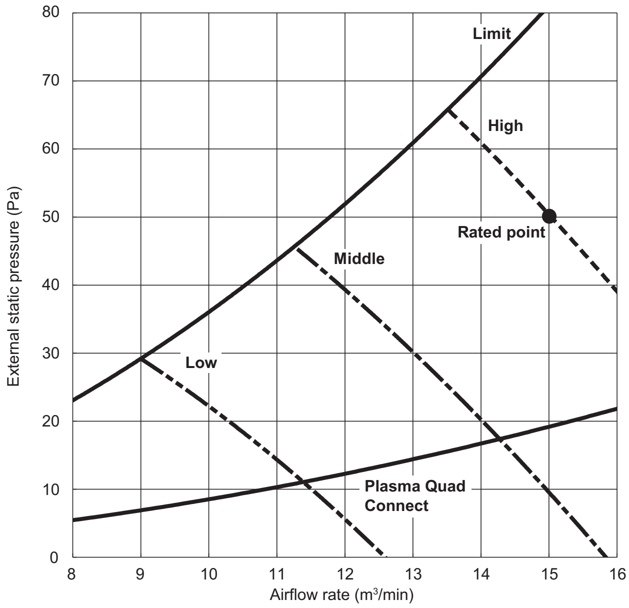
SEZ-M50DA(L)2

External static pressure: 35Pa
Power source: 220-240V

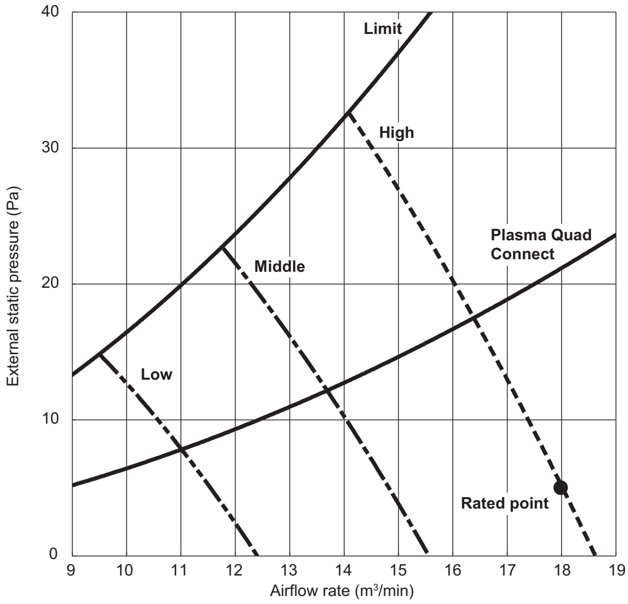


SEZ-M50DA(L)2

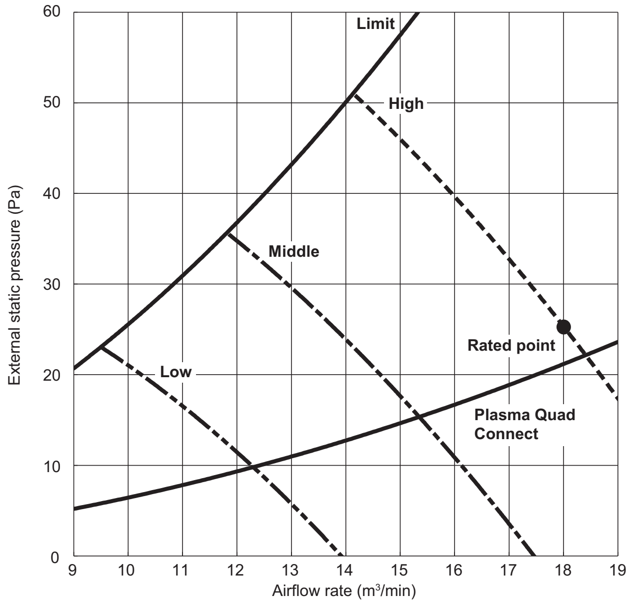
External static pressure: 50Pa
Power source: 220-240V



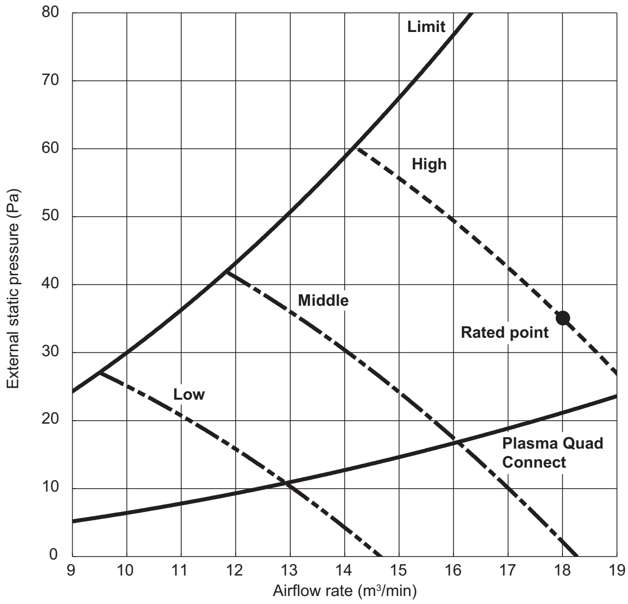
SEZ-M60DA(L)2
External static pressure: 5Pa
Power source: 220-240V



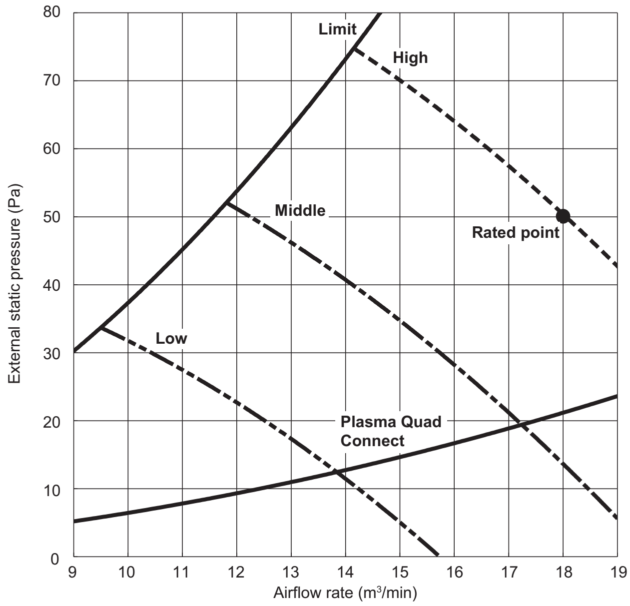
SEZ-M60DA(L)2
External static pressure: 25Pa
Power source: 220-240V



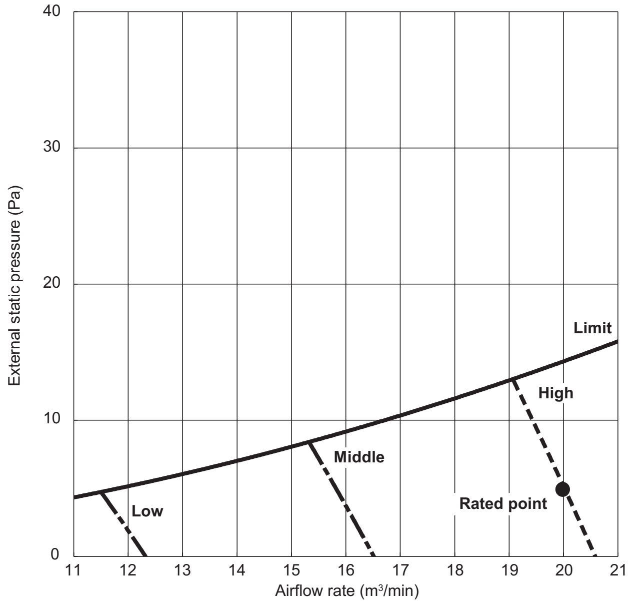
SEZ-M60DA(L)2
External static pressure: 35Pa
Power source: 220-240V



SEZ-M60DA(L)2
External static pressure: 50Pa
Power source: 220-240V

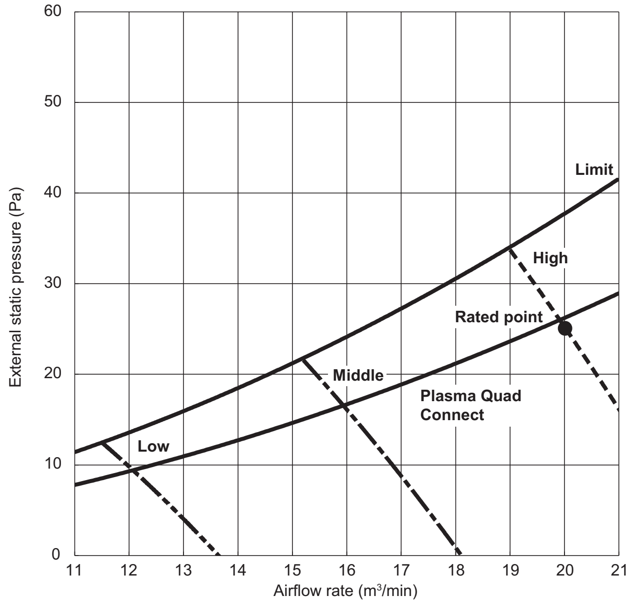


SEZ-M71DA(L)2
External static pressure: 5Pa
Power source : 220-240V

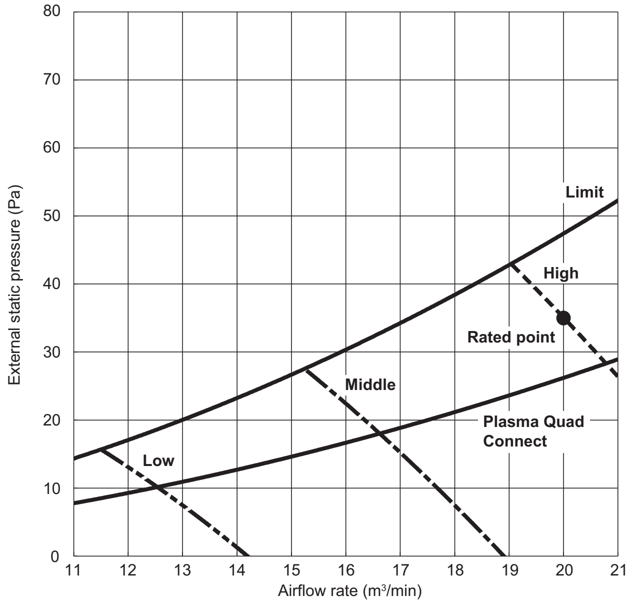


External static pressure must be over 25Pa when Plasma Quad Connect is equipped with SEZ-M71DA(L)2.

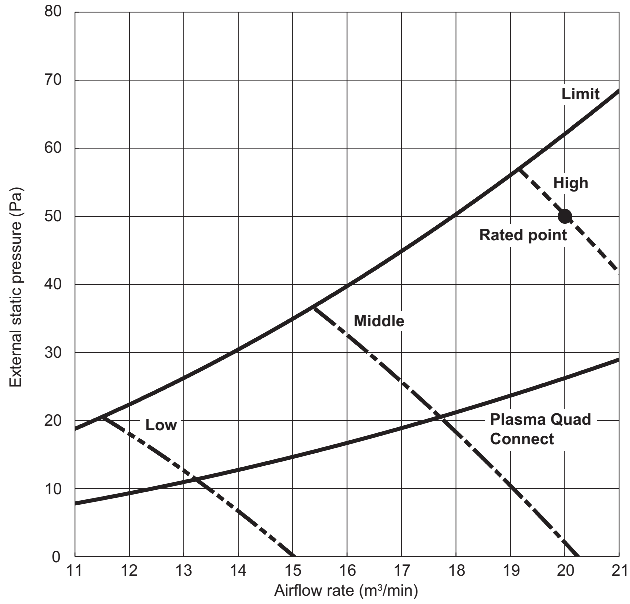
SEZ-M71DA(L)2
External static pressure: 25Pa
Power source: 220-240V



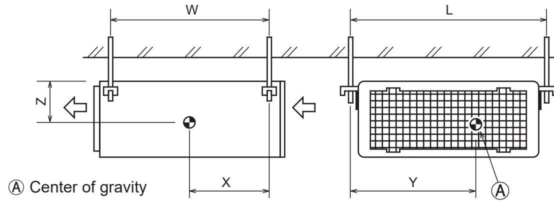
SEZ-M71DA(L)2
External static pressure: 35Pa
Power source: 220-240V



SEZ-M71DA(L)2
External static pressure: 50Pa
Power source: 220-240V



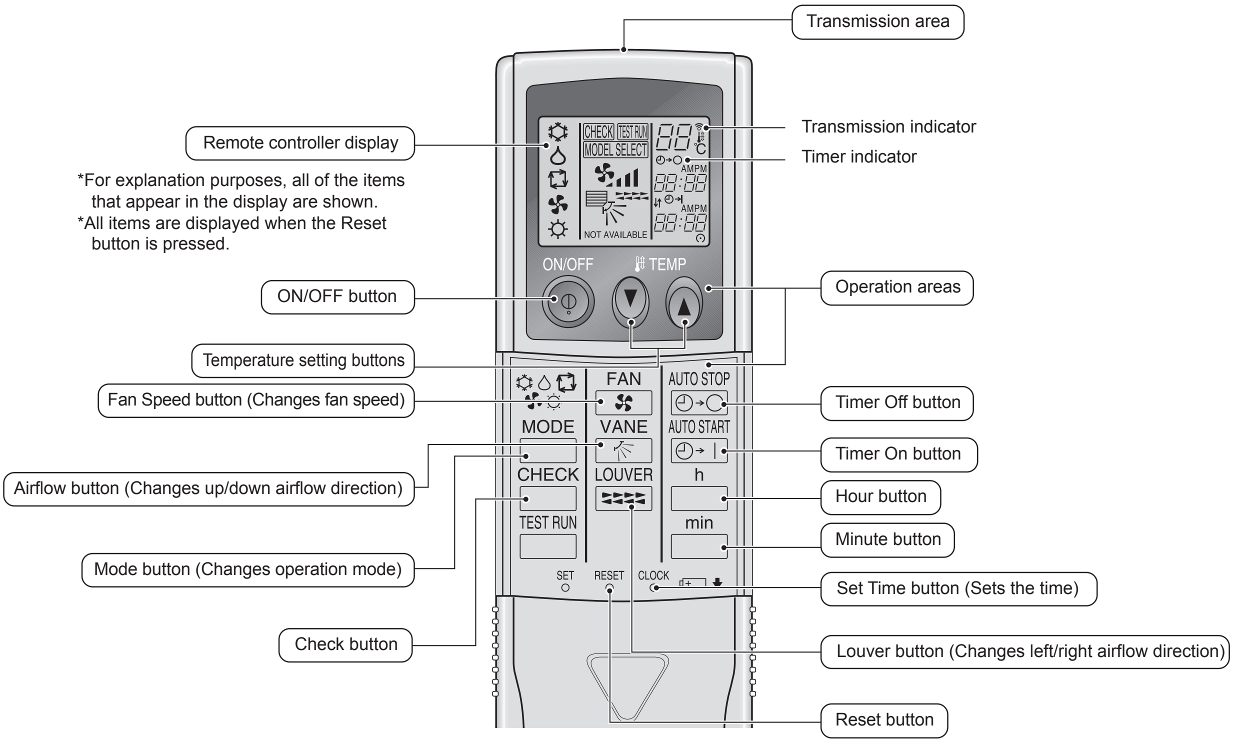
B.2.8 CENTER OF GRAVITY POSITION



Center of gravity and Product Weight

Model name	W	L	X	Y	Z	Product Weight (kg)
SEZ-M25	625	752	275	353	104	18
SEZ-M35	625	952	280	437	104	22
SEZ-M50	625	952	280	437	104	22
SEZ-M60	625	1152	285	527	104	25.5
SEZ-M71	625	1152	285	527	104	25.5

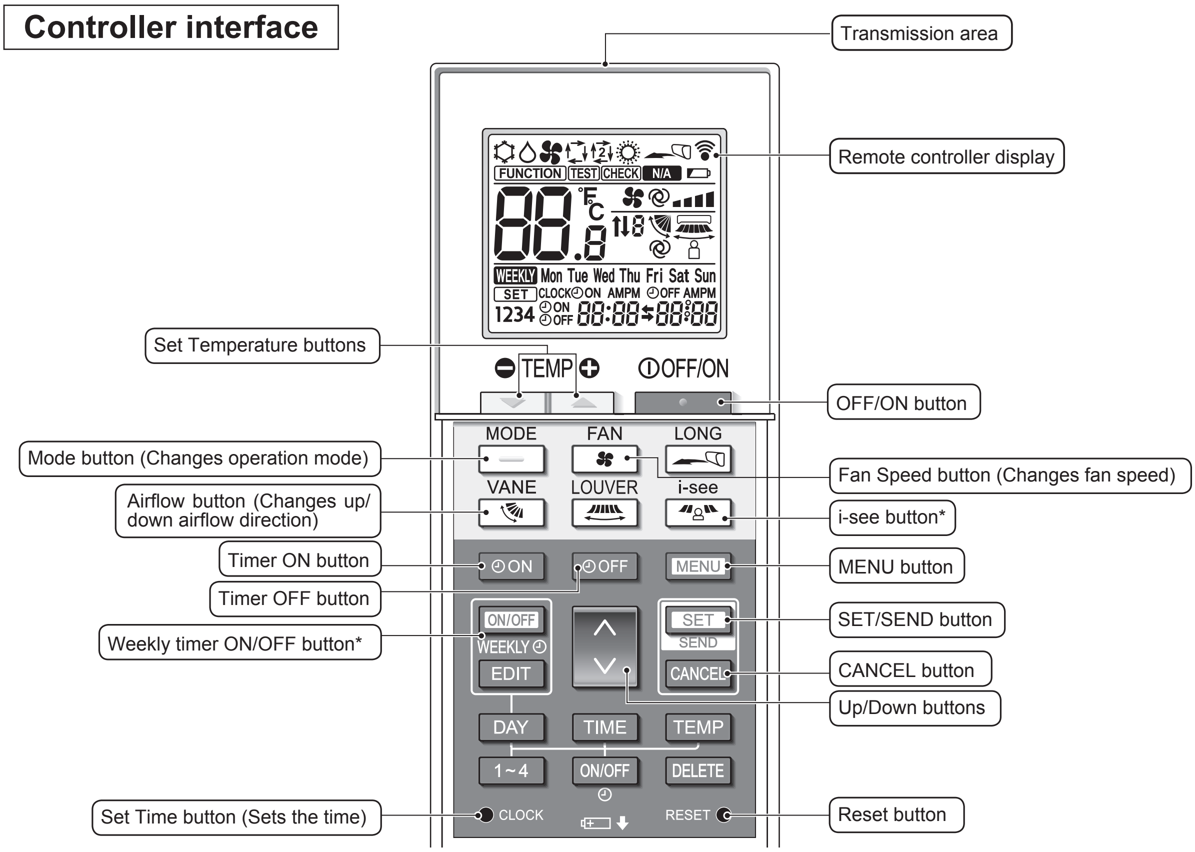
B.2.9 REMOTE CONTROLLER
B.2.9.1 WIRELESS REMOTE CONTROLLER
[PAR-SL97A-E]
When cover is open



[PAR-SL101A-E]

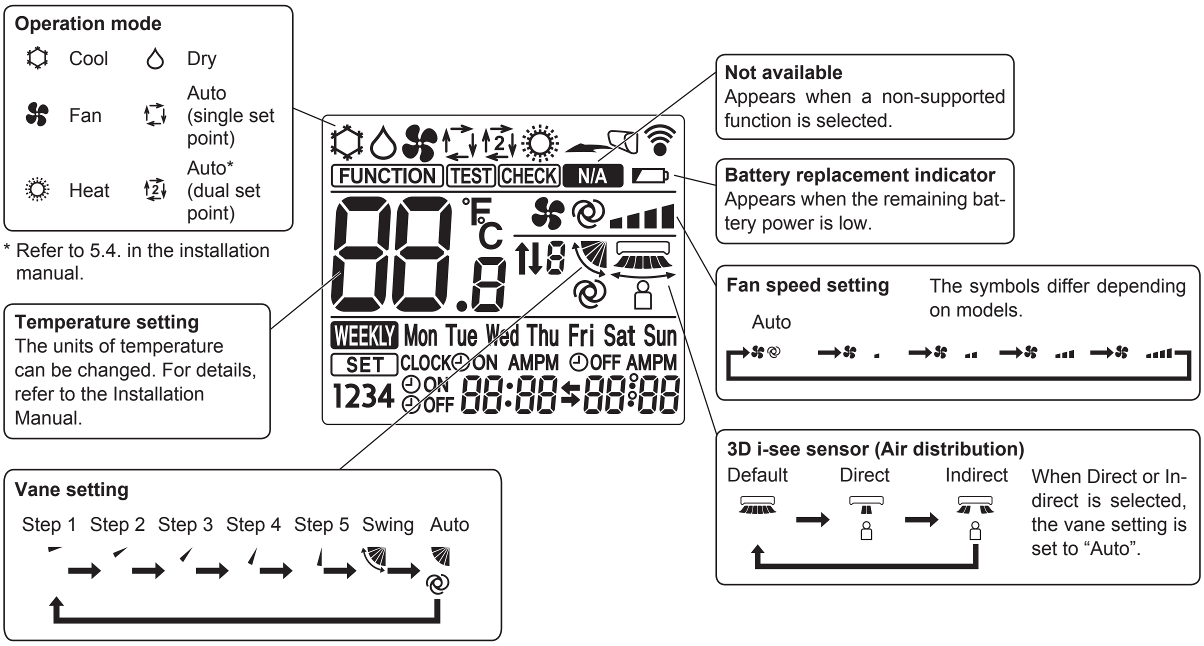
When cover is open

Controller interface



Note:
*** This button is enabled or disabled depending on the model of the indoor unit.**

Display



B.3 FLOOR STANDING CONCEALED (SFZ)

B.3.1 SPECIFICATIONS

Model Name	Indoor Unit				SFZ-M25VA	SFZ-M35VA	SFZ-M50VA	SFZ-M60VA	SFZ-M71VA
	Outdoor Unit				SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA
Refrigerant					R32				
Power Supply				Source	Outdoor power supply				
	Out			V	230	230	230	230	230
				Phase	Single	Single	Single	Single	Single
				Hz	50	50	50	50	50
	In			V	220-240	220-240	220-240	220-240	220-240
				Phase	Single	Single	Single	Single	Single
				Hz	50	50	50	50	50
Cooling	Capacity	Rated		kW	2.5	3.5	5.0	6.1	7.1
		Min-Max		kW	1.5 - 3.2	0.7 - 3.9	1.1 - 5.6	1.6 - 6.3	1.9 - 8.1
	SHF	Rated			0.84	0.78	0.76	0.75	0.74
	Total Input	Rated		kW	0.641	1.000	1.470	1.848	2.151
	EER				3.90	3.50	3.40	3.30	3.30
	Annual Electricity Consumption			kWh/a	143	199	284	346	403
	SEER				6.1	6.1	6.1	6.1	6.1
		Energy efficiency class			A++	A++	A++	A++	A++
Heating	Capacity	Rated		kW	3.2	4.1	6.0	7.0	8.0
		Min-Max		kW	1.2 - 4.2	1.0 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2
	Total Input	Rated		kW	0.886	1.051	1.617	1.886	2.156
	COP				3.61	3.90	3.71	3.71	3.71
	Annual Electricity Consumption			kWh/a	766	887	1467	1532	1997
	SCOP				4.0	4.1	4.1	4.2	4.0
		Energy efficiency class			A+	A+	A+	A+	A+
Operating Current(max)				A	7.4	9.1	14.3	15.6	15.7
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.041	0.044	0.072	0.078	0.095
	Operating Current(max)			A	0.44	0.44	0.61	0.64	0.76
	Dimensions	H × W × D		mm	615(690)-797(700)-200	615(690)-997(700)-200		615(690)-1197(700)-200	
	Weight			kg	19	22.5	22.5	26	26
	Air Volume	Lo-Mid-Hi		m³/min.	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20
	External Static Pressure			Pa	0-25-40-60				
	Sound Level (Lo-Mid-Hi)	0Pa		dB(A)	27 - 32 - 39	26 - 30 - 35	33 - 39 - 43	32 - 38 - 43	32 - 40 - 47
		25Pa		dB(A)	25 - 29 - 35	25 - 29 - 33	30 - 35 - 39	30 - 35 - 39	30 - 36 - 42
		40Pa		dB(A)	26 - 31 - 37	26 - 30 - 35	31 - 36 - 40	31 - 36 - 41	31 - 37 - 43
		60Pa		dB(A)	27 - 32 - 38	27 - 32 - 36	32 - 37 - 41	32 - 37 - 42	32 - 38 - 44
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	30	35	41	54	55
	Air Volume	Cooling	Rated	m³/min.	36.3	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	34.6	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	45	48	48	49	49
			Silent	dB(A)	—	—	—	—	—
		Heating	Rated	dB(A)	46	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	59	64	65	66
	Operating Current(max)			A	6.8	8.5	13.5	14.8	14.8
	Breaker Size			A	10	16	20	20	20
Ext. Piping	Diameter (*2)	Liquid		mm	6.35	6.35	6.35	6.35	9.52
		Gas		mm	9.52	9.52	12.7	15.88	15.88
	Max.Length	Out-In		m	20	20	30	30	30
	Max. Height	Out-In		m	12	12	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	℃	-10	-10	-15	-15	-15
			Upper Limit.	℃	+46	+46	+46	+46	+46
		Heating	Lower Limit.	℃	-10	-10	-10	-10	-10
			Upper Limit.	℃	+24	+24	+24	+24	+24

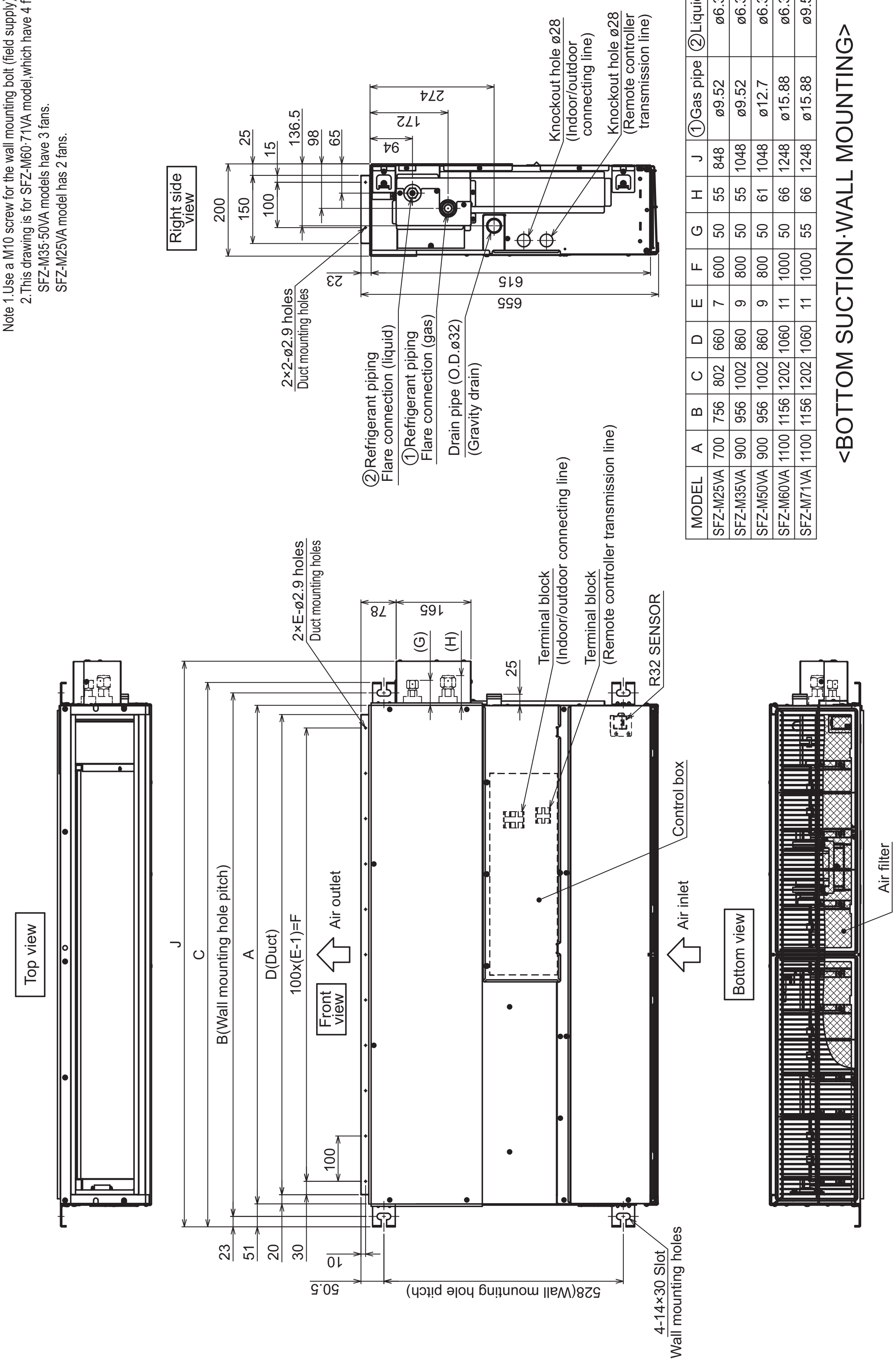
(*1)Optional air protection guide is required where ambient temperature is lower than -5℃ .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

B.3.2 OUTLINES AND DIMENSIONS
B.3.2.1 INDOOR UNIT

SFZ-M25VA
SFZ-M35VA
SFZ-M50VA
SFZ-M60VA
SFZ-M71VA

Unit : mm

Note 1.Use a M10 screw for the wall mounting bolt (field supply).
2.This drawing is for SFZ-M60·71VA model,which have 4 fans.
SFZ-M35·50VA models have 3 fans.
SFZ-M25VA model has 2 fans.

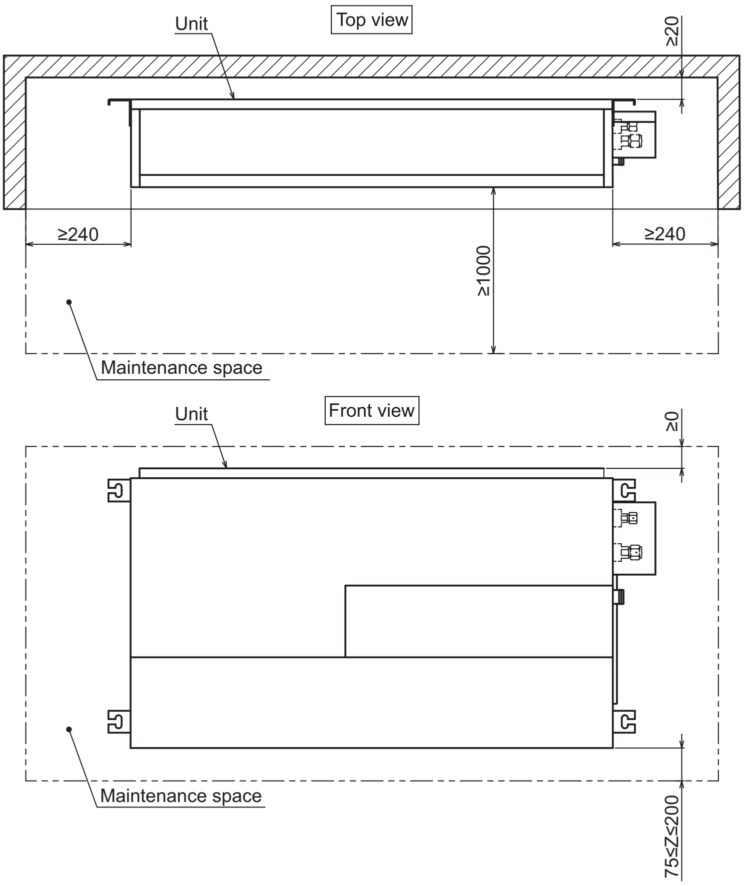


MODEL	A	B	C	D	E	F	G	H	J	①Gas pipe	②Liquid pipe
SFZ-M25VA	700	756	802	660	7	600	50	55	848	ø9.52	ø6.35
SFZ-M35VA	900	956	1002	860	9	800	50	55	1048	ø9.52	ø6.35
SFZ-M50VA	900	956	1002	860	9	800	50	61	1048	ø12.7	ø6.35
SFZ-M60VA	1100	1156	1202	1060	11	1000	50	66	1248	ø15.88	ø6.35
SFZ-M71VA	1100	1156	1202	1060	11	1000	55	66	1248	ø15.88	ø9.52

<BOTTOM SUCTION·WALL MOUNTING>

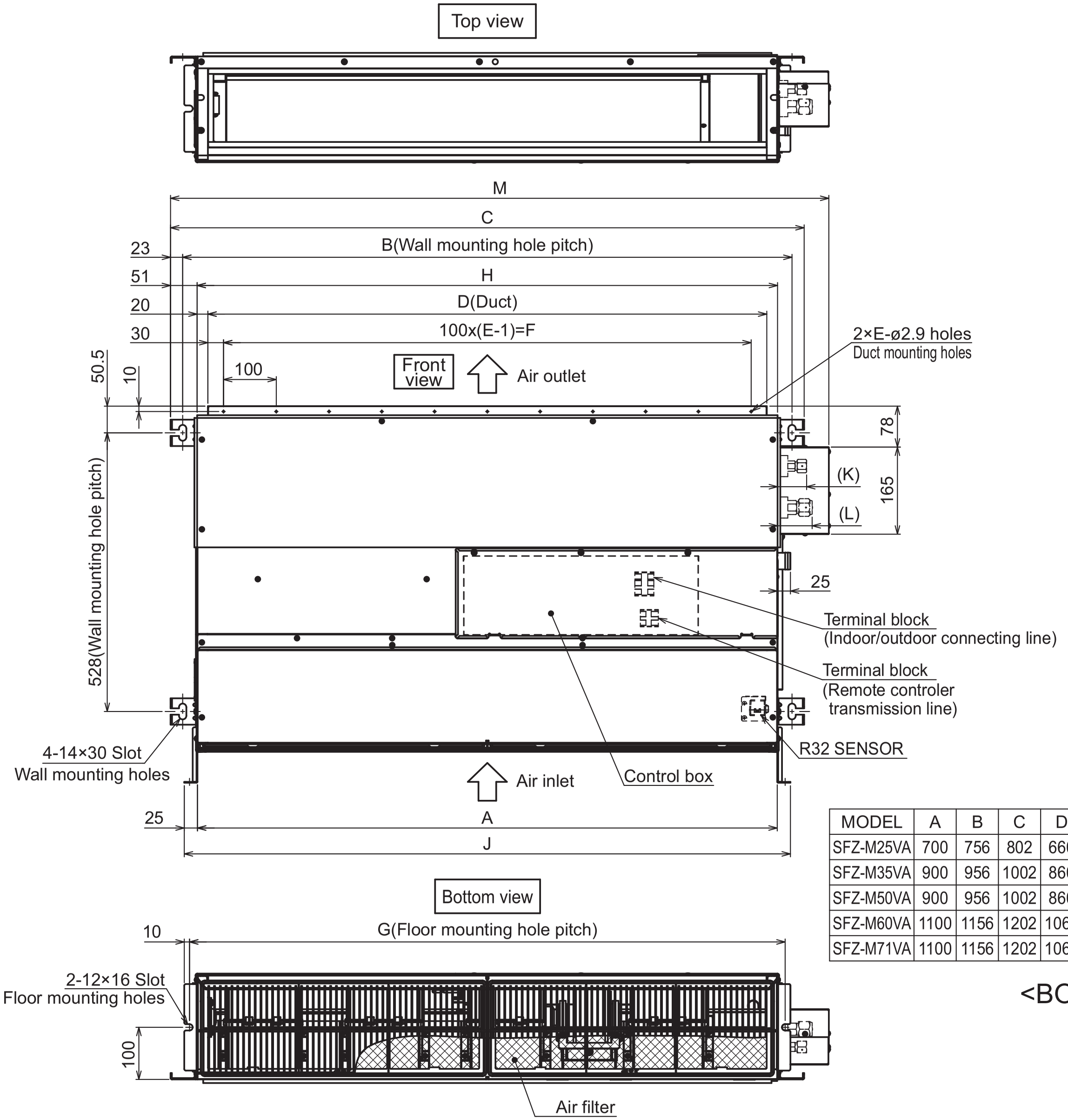
Unit : mm

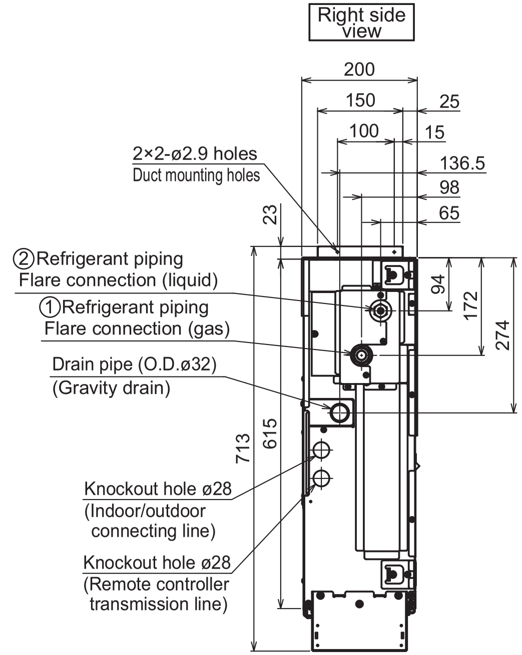
SFZ-M25,35,50,60,71VA(-ET).TH Bottom suction·wall mounting
〔Maintenance access space〕
Secure enough access space to allow for the maintenance, inspection,
and replacement of the motor, fan, heat exchanger, drain pan and control box.



Unit : mm

Note 1.Use a M10 screw for the wall and floor mounting bolt (field supply).
2.This drawing is for SFZ-M60·71VA model,which have 4 fans.
SFZ-M35·50VA models have 3 fans.
SFZ-M25VA model has 2 fans.



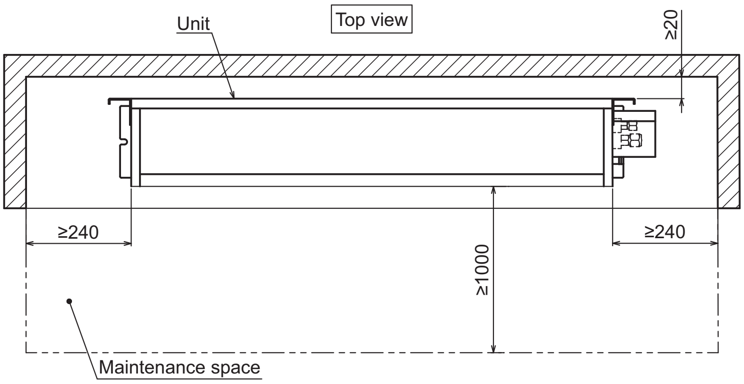


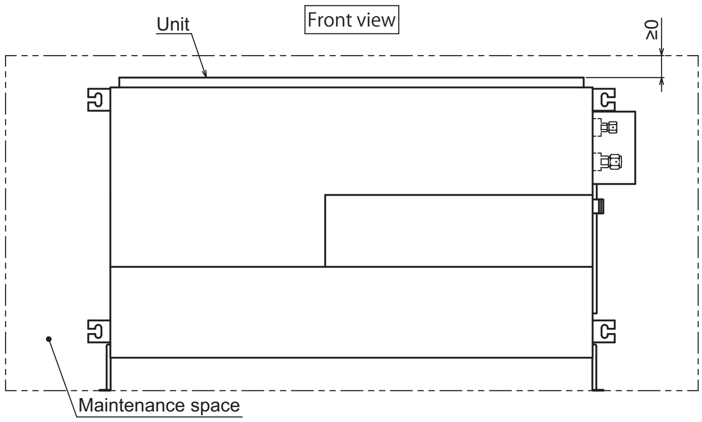
MODEL	A	B	C	D	E	F	G	H	J	K	L	M	①Gas pipe	②Liquid pipe
SFZ-M25VA	700	756	802	660	7	600	730	700	750	50	55	848	ø9.52	ø6.35
SFZ-M35VA	900	956	1002	860	9	800	930	900	950	50	55	1048	ø9.52	ø6.35
SFZ-M50VA	900	956	1002	860	9	800	930	900	950	50	61	1048	ø12.7	ø6.35
SFZ-M60VA	1100	1156	1202	1060	11	1000	1130	1100	1150	50	66	1248	ø15.88	ø6.35
SFZ-M71VA	1100	1156	1202	1060	11	1000	1130	1100	1150	55	66	1248	ø15.88	ø9.52

<BOTTOM SUCTION · FLOOR MOUNTING>

Unit : mm

SFZ-M25,35,50,60,71VA(-ET).TH Bottom suction·wall mounting
〔Maintenance access space〕
Secure enough access space to allow for the maintenance, inspection,
and replacement of the motor, fan, heat exchanger, drain pan and control box.



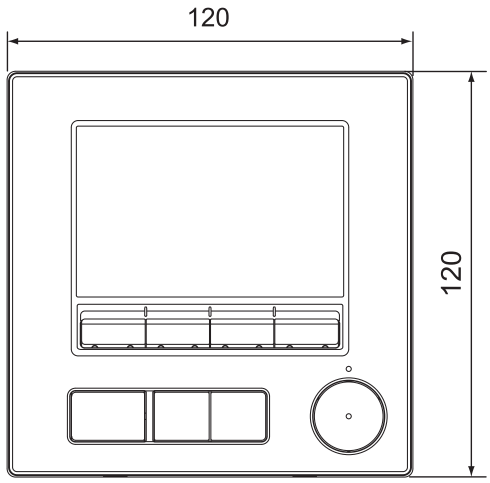


B.3.2.2 WIRED REMOTE CONTROLLER (Optional parts)

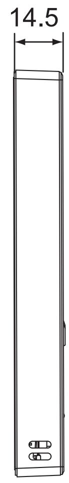
Unit : mm

SFZ-M25VA
SFZ-M35VA
SFZ-M50VA
SFZ-M60VA
SFZ-M71VA

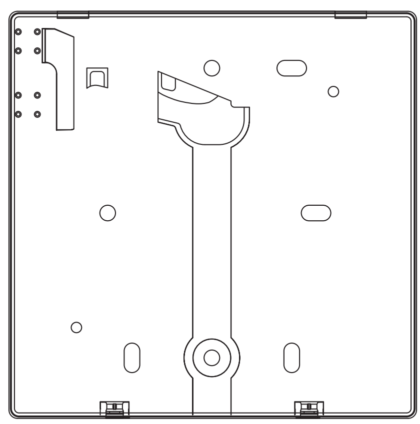
[PAR-41MAA]



(Front view)



(Side view)



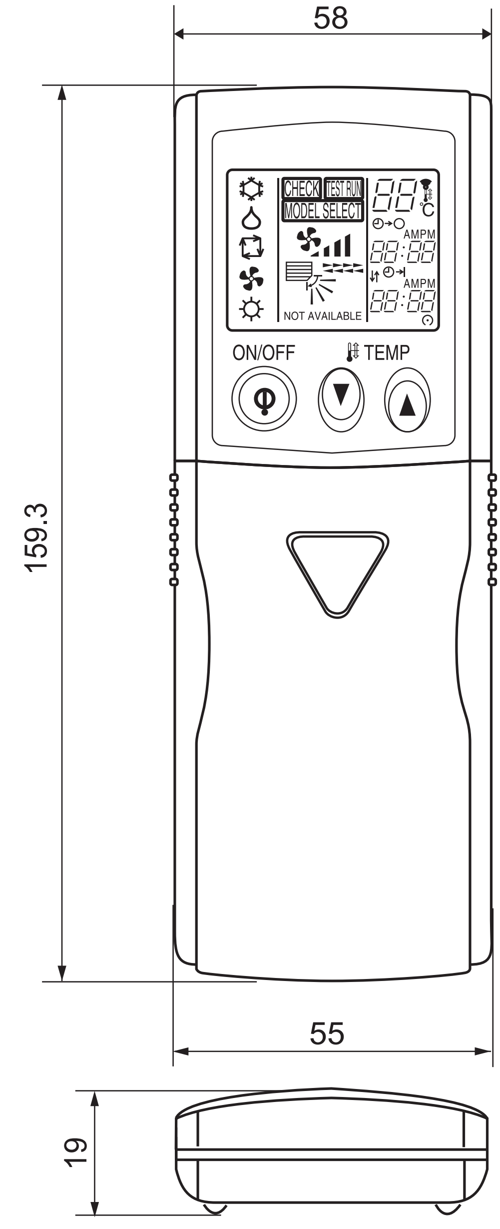
(Rear view)

B.3.2.3 WIRELESS REMOTE CONTROLLER (Optional parts)

Unit : mm

SFZ-M25VA
SFZ-M35VA
SFZ-M50VA
SFZ-M60VA
SFZ-M71VA

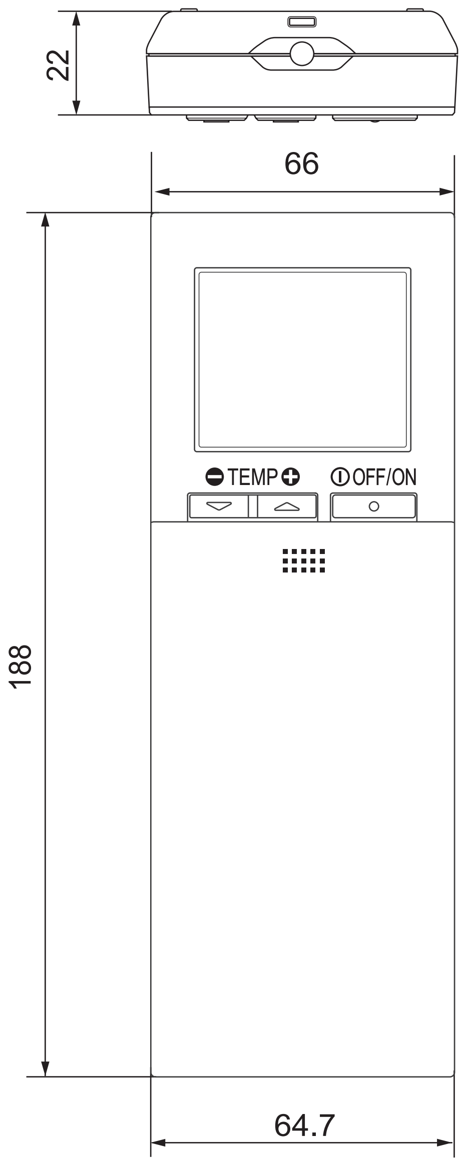
[PAR-SL97A-E]



※ Optional parts

Unit : mm

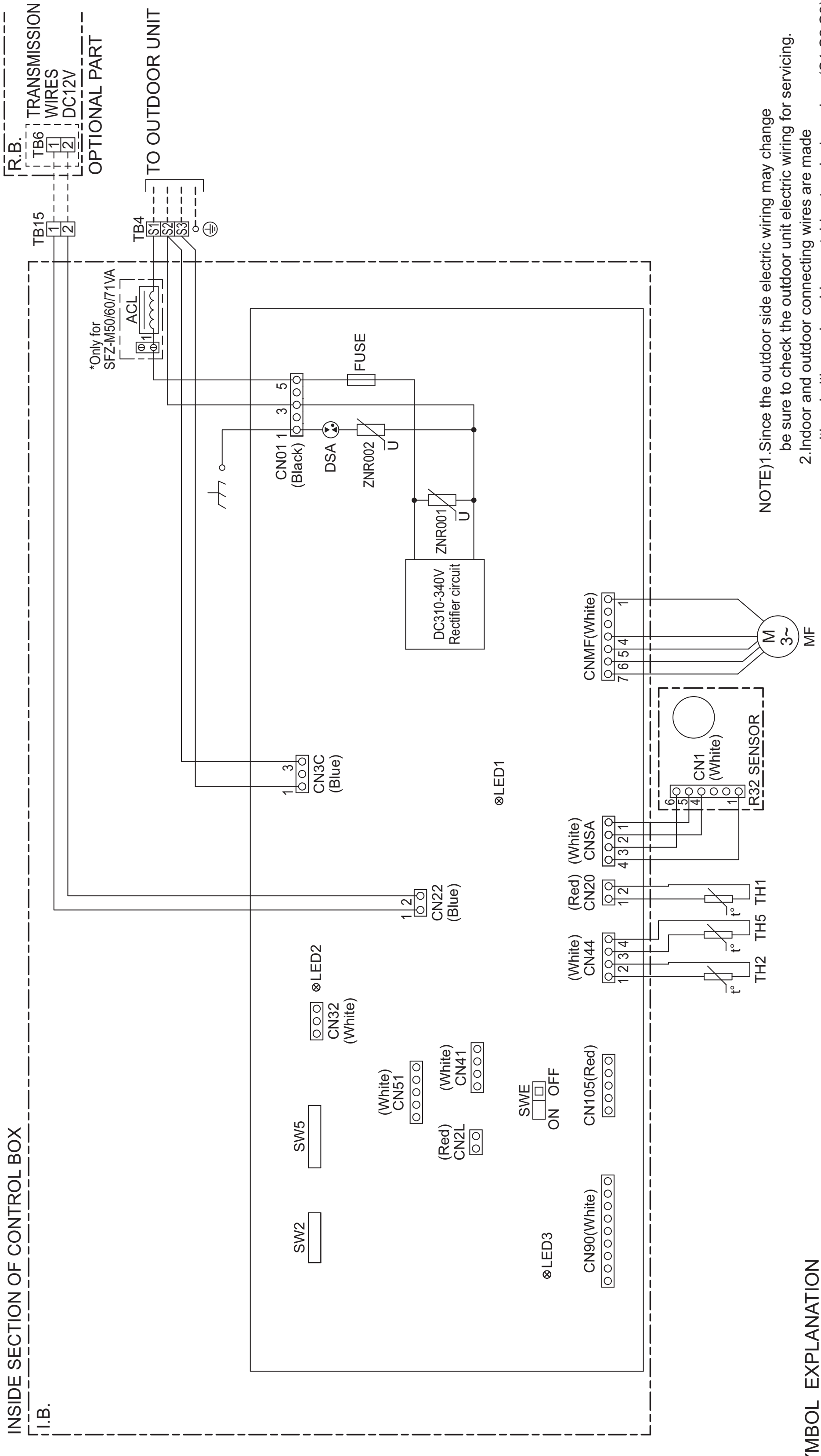
[PAR-SL101A-E]



※ Optional parts

B.3.3 WIRING DIAGRAM

SFZ-M25VA
SFZ-M35VA
SFZ-M50VA
SFZ-M60VA
SFZ-M71VA



NOTE)1.Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2.Indoor and outdoor connecting wires are made with polarities,make wiring matching terminal numbers(S1,S2,S3).
3.Symbols used in wiring diagram are
○○○ :Connector, □:Terminal, ⊖:Relay connector
------ (Heavy dotted line):Field wiring,
------ (Thin dotted line):Optional parts.

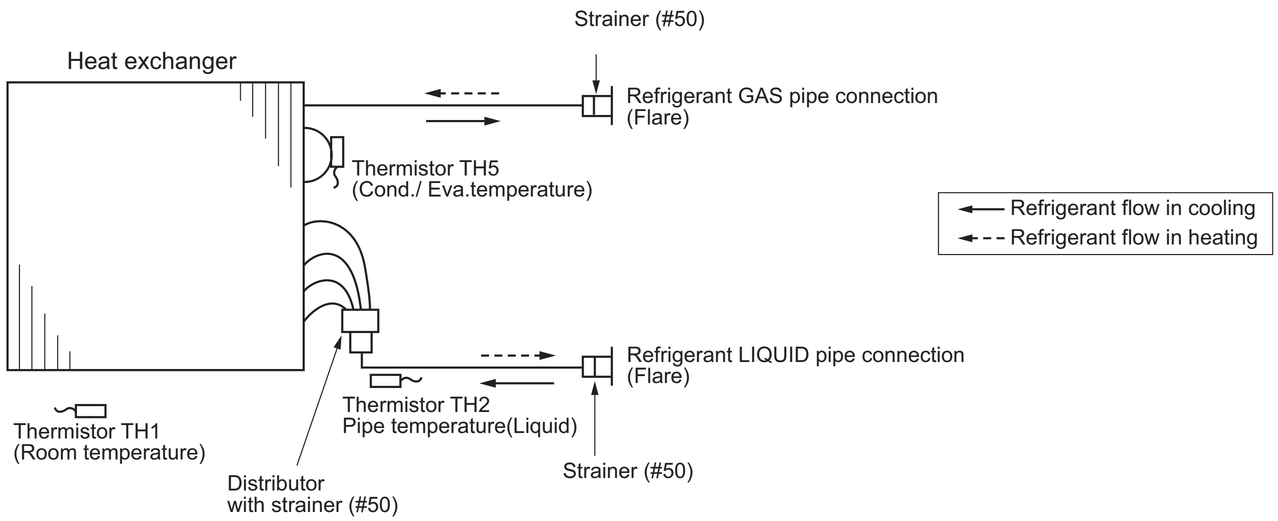
SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor(Power factor improvement)	I.B.	Indoor controller board	I.B.	Indoor controller board
MF	Fan Motor	DSA	Arrester	SW2	Switch (for capacity code)
TB4	Terminal block (Indoor/Outdoor connecting line)	FUSE	Fuse AC250V 6.3A	SW5	Switch (for system selection)
		ZNR01,02	Varistor	SWE	Connector (emergency operation)
TB15	Terminal block (Remote controller transmission line)	CN2L	Connector (Lossnay)		
		CN32	Connector (Remote switch)		
TH1	Intake air temp. thermistor	CN41	Connector (HA terminal-A)		
TH2	Pipe temp. thermistor/liquid	CN51	Connector (Centrally control)		
TH5	Cond./eva. temp. thermistor	CN90	Connector (Wireless)		
		CN105	Connector (IT terminal)		
		LED1	LED(Power supply)		
		LED2	LED(Remote controller supply)		
		LED3	LED(Transmission Indoor-Outdoor)		

FLOOR STANDING
WIRING DIAGRAM

B.3.4 REFRIGERANT SYSTEM DIAGRAM

SFZ-M25VA
SFZ-M35VA
SFZ-M50VA
SFZ-M60VA
SFZ-M71VA



B.3.5 PERFORMANCE DATA

COOLING operation at Rated frequency
SFZ-M25VA / SUZ-M25VA
CAPACITY :2.500kW INPUT :0.641kW SHF :0.84

INDOOR	INDOOR	OUTDOOR DB(℃)															
		21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.938	1.939	0.66	0.513	2.813	1.857	0.66	0.538	2.700	1.782	0.66	0.564	2.600	1.716	0.66	0.590
21	20	3.063	1.654	0.54	0.538	2.938	1.587	0.54	0.570	2.850	1.539	0.54	0.583	2.750	1.485	0.54	0.609
22	18	2.938	2.057	0.70	0.513	2.813	1.969	0.70	0.538	2.700	1.890	0.70	0.564	2.600	1.820	0.70	0.590
22	20	3.063	1.777	0.58	0.538	2.938	1.704	0.58	0.570	2.850	1.653	0.58	0.583	2.750	1.595	0.58	0.609
22	22	3.188	1.466	0.46	0.558	3.075	1.415	0.46	0.593	3.000	1.380	0.46	0.609	2.875	1.323	0.46	0.635
23	18	2.938	2.174	0.74	0.513	2.813	2.082	0.74	0.538	2.700	1.998	0.74	0.564	2.600	1.924	0.74	0.590
23	20	3.063	1.899	0.62	0.538	2.938	1.822	0.62	0.570	2.850	1.767	0.62	0.583	2.750	1.705	0.62	0.609
23	22	3.188	1.594	0.50	0.558	3.075	1.538	0.50	0.593	3.000	1.500	0.50	0.609	2.875	1.438	0.50	0.635
24	18	2.938	2.292	0.78	0.513	2.813	2.194	0.78	0.538	2.700	2.106	0.78	0.564	2.600	2.028	0.78	0.590
24	20	3.063	2.022	0.66	0.538	2.938	1.939	0.66	0.570	2.850	1.881	0.66	0.583	2.750	1.815	0.66	0.609
24	22	3.188	1.722	0.54	0.558	3.075	1.661	0.54	0.593	3.000	1.620	0.54	0.609	2.875	1.553	0.54	0.635
24	24	3.350	1.407	0.42	0.583	3.225	1.355	0.42	0.615	3.150	1.323	0.42	0.635	3.050	1.281	0.42	0.667
25	20	3.063	2.144	0.70	0.538	2.938	2.057	0.70	0.570	2.850	1.995	0.70	0.583	2.750	1.925	0.70	0.609
25	22	3.188	1.849	0.58	0.558	3.075	1.784	0.58	0.593	3.000	1.740	0.58	0.609	2.875	1.668	0.58	0.635
25	24	3.350	1.541	0.46	0.583	3.225	1.484	0.46	0.615	3.150	1.449	0.46	0.635	3.050	1.403	0.46	0.667
26	18	2.938	2.527	0.86	0.513	2.813	2.419	0.86	0.538	2.700	2.322	0.86	0.564	2.600	2.236	0.86	0.590
26	20	3.063	2.267	0.74	0.538	2.938	2.174	0.74	0.570	2.850	2.109	0.74	0.583	2.750	2.035	0.74	0.609
26	22	3.188	1.977	0.62	0.558	3.075	1.907	0.62	0.593	3.000	1.860	0.62	0.609	2.875	1.783	0.62	0.635
26	24	3.350	1.675	0.50	0.583	3.225	1.613	0.50	0.615	3.150	1.575	0.50	0.635	3.050	1.525	0.50	0.667
26	26	3.450	1.311	0.38	0.615	3.350	1.273	0.38	0.647	3.300	1.254	0.38	0.667	3.200	1.216	0.38	0.686
27	18	2.938	2.644	0.90	0.513	2.813	2.532	0.90	0.538	2.700	2.430	0.90	0.564	2.600	2.340	0.90	0.590
27	20	3.063	2.389	0.78	0.538	2.938	2.292	0.78	0.570	2.850	2.223	0.78	0.583	2.750	2.145	0.78	0.609
27	22	3.188	2.104	0.66	0.558	3.075	2.030	0.66	0.593	3.000	1.980	0.66	0.609	2.875	1.898	0.66	0.635
27	24	3.350	1.809	0.54	0.583	3.225	1.742	0.54	0.615	3.150	1.701	0.54	0.635	3.050	1.647	0.54	0.667
27	26	3.450	1.449	0.42	0.615	3.350	1.407	0.42	0.647	3.300	1.386	0.42	0.667	3.200	1.344	0.42	0.686
28	18	2.938	2.762	0.94	0.513	2.813	2.644	0.94	0.538	2.700	2.538	0.94	0.564	2.600	2.444	0.94	0.590
28	20	3.063	2.512	0.82	0.538	2.938	2.409	0.82	0.570	2.850	2.337	0.82	0.583	2.750	2.255	0.82	0.609
28	22	3.188	2.232	0.70	0.558	3.075	2.153	0.70	0.593	3.000	2.100	0.70	0.609	2.875	2.013	0.70	0.635
28	24	3.350	1.943	0.58	0.583	3.225	1.871	0.58	0.615	3.150	1.827	0.58	0.635	3.050	1.769	0.58	0.667
28	26	3.450	1.587	0.46	0.615	3.350	1.541	0.46	0.647	3.300	1.518	0.46	0.667	3.200	1.472	0.46	0.686
29	18	2.938	2.879	0.98	0.513	2.813	2.757	0.98	0.538	2.700	2.646	0.98	0.564	2.600	2.548	0.98	0.590
29	20	3.063	2.634	0.86	0.538	2.938	2.527	0.86	0.570	2.850	2.451	0.86	0.583	2.750	2.365	0.86	0.609
29	22	3.188	2.359	0.74	0.558	3.075	2.276	0.74	0.593	3.000	2.220	0.74	0.609	2.875	2.128	0.74	0.635
29	24	3.350	2.077	0.62	0.583	3.225	2.000	0.62	0.615	3.150	1.953	0.62	0.635	3.050	1.891	0.62	0.667
29	26	3.450	1.725	0.50	0.615	3.350	1.675	0.50	0.647	3.300	1.650	0.50	0.667	3.200	1.600	0.50	0.686
30	18	2.938	2.938	1.00	0.513	2.813	2.813	1.00	0.538	2.700	2.700	1.00	0.564	2.600	2.600	1.00	0.590
30	20	3.063	2.757	0.90	0.538	2.938	2.644	0.90	0.570	2.850	2.565	0.90	0.583	2.750	2.475	0.90	0.609
30	22	3.188	2.487	0.78	0.558	3.075	2.399	0.78	0.593	3.000	2.340	0.78	0.609	2.875	2.243	0.78	0.635
30	24	3.350	2.211	0.66	0.583	3.225	2.129	0.66	0.615	3.150	2.079	0.66	0.635	3.050	2.013	0.66	0.667
30	26	3.450	1.863	0.54	0.615	3.350	1.809	0.54	0.647	3.300	1.782	0.54	0.667	3.200	1.728	0.54	0.686
31	18	2.938	2.938	1.00	0.513	2.813	2.813	1.00	0.538	2.700	2.700	1.00	0.564	2.600	2.600	1.00	0.590
31	20	3.063	2.879	0.94	0.538	2.938	2.762	0.94	0.570	2.850	2.679	0.94	0.583	2.750	2.585	0.94	0.609
31	22	3.188	2.614	0.82	0.558	3.075	2.522	0.82	0.593	3.000	2.460	0.82	0.609	2.875	2.358	0.82	0.635
31	24	3.350	2.345	0.70	0.583	3.225	2.258	0.70	0.615	3.150	2.205	0.70	0.635	3.050	2.135	0.70	0.667
31	26	3.450	2.001	0.58	0.615	3.350	1.943	0.58	0.647	3.300	1.914	0.58	0.667	3.200	1.856	0.58	0.686
32	18	2.938	2.938	1.00	0.513	2.813	2.813	1.00	0.538	2.700	2.700	1.00	0.564	2.600	2.600	1.00	0.590
32	20	3.063	3.002	0.98	0.538	2.938	2.879	0.98	0.570	2.850	2.793	0.98	0.583	2.750	2.695	0.98	0.609
32	22	3.188	2.742	0.86	0.558	3.075	2.645	0.86	0.593	3.000	2.580	0.86	0.609	2.875	2.473	0.86	0.635
32	24	3.350	2.479	0.74	0.583	3.225	2.387	0.74	0.615	3.150	2.331	0.74	0.635	3.050	2.257	0.74	0.667
32	26	3.450	2.139	0.62	0.615	3.350	2.077	0.62	0.647	3.300	2.046	0.62	0.667	3.200	1.984	0.62	0.686

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

COOLING operation at Rated frequency
SFZ-M25VA / SUZ-M25VA
CAPACITY :2.500kW INPUT :0.641kW SHF :0.84

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	2.450	1.617	0.66	0.628	2.250	1.485	0.66	0.667	2.075	1.370	0.66	0.692
21	20	2.575	1.391	0.54	0.654	2.400	1.296	0.54	0.686	2.225	1.202	0.54	0.724
22	18	2.450	1.715	0.70	0.628	2.250	1.575	0.70	0.667	2.075	1.453	0.70	0.692
22	20	2.575	1.494	0.58	0.654	2.400	1.392	0.58	0.686	2.225	1.291	0.58	0.724
22	22	2.725	1.254	0.46	0.679	2.550	1.173	0.46	0.718	2.375	1.093	0.46	0.744
23	18	2.450	1.813	0.74	0.628	2.250	1.665	0.74	0.667	2.075	1.536	0.74	0.692
23	20	2.575	1.597	0.62	0.654	2.400	1.488	0.62	0.686	2.225	1.380	0.62	0.724
23	22	2.725	1.363	0.50	0.679	2.550	1.275	0.50	0.718	2.375	1.188	0.50	0.744
24	18	2.450	1.911	0.78	0.628	2.250	1.755	0.78	0.667	2.075	1.619	0.78	0.692
24	20	2.575	1.700	0.66	0.654	2.400	1.584	0.66	0.686	2.225	1.469	0.66	0.724
24	22	2.725	1.472	0.54	0.679	2.550	1.377	0.54	0.718	2.375	1.283	0.54	0.744
24	24	2.875	1.208	0.42	0.705	2.700	1.134	0.42	0.737	2.550	1.071	0.42	0.769
25	20	2.575	1.803	0.70	0.654	2.400	1.680	0.70	0.686	2.225	1.558	0.70	0.724
25	22	2.725	1.581	0.58	0.679	2.550	1.479	0.58	0.718	2.375	1.378	0.58	0.744
25	24	2.875	1.323	0.46	0.705	2.700	1.242	0.46	0.737	2.550	1.173	0.46	0.769
26	18	2.450	2.107	0.86	0.628	2.250	1.935	0.86	0.667	2.075	1.785	0.86	0.692
26	20	2.575	1.906	0.74	0.654	2.400	1.776	0.74	0.686	2.225	1.647	0.74	0.724
26	22	2.725	1.690	0.62	0.679	2.550	1.581	0.62	0.718	2.375	1.473	0.62	0.744
26	24	2.875	1.438	0.50	0.705	2.700	1.350	0.50	0.737	2.550	1.275	0.50	0.769
26	26	3.025	1.150	0.38	0.731	2.850	1.083	0.38	0.763	2.675	1.017	0.38	0.795
27	18	2.450	2.205	0.90	0.628	2.250	2.025	0.90	0.667	2.075	1.868	0.90	0.692
27	20	2.575	2.009	0.78	0.654	2.400	1.872	0.78	0.686	2.225	1.736	0.78	0.724
27	22	2.725	1.799	0.66	0.679	2.550	1.683	0.66	0.718	2.375	1.568	0.66	0.744
27	24	2.875	1.553	0.54	0.705	2.700	1.458	0.54	0.737	2.550	1.377	0.54	0.769
27	26	3.025	1.271	0.42	0.731	2.850	1.197	0.42	0.763	2.675	1.124	0.42	0.795
28	18	2.450	2.303	0.94	0.628	2.250	2.115	0.94	0.667	2.075	1.951	0.94	0.692
28	20	2.575	2.112	0.82	0.654	2.400	1.968	0.82	0.686	2.225	1.825	0.82	0.724
28	22	2.725	1.908	0.70	0.679	2.550	1.785	0.70	0.718	2.375	1.663	0.70	0.744
28	24	2.875	1.668	0.58	0.705	2.700	1.566	0.58	0.737	2.550	1.479	0.58	0.769
28	26	3.025	1.392	0.46	0.731	2.850	1.311	0.46	0.763	2.675	1.231	0.46	0.795
29	18	2.450	2.401	0.98	0.628	2.250	2.205	0.98	0.667	2.075	2.034	0.98	0.692
29	20	2.575	2.215	0.86	0.654	2.400	2.064	0.86	0.686	2.225	1.914	0.86	0.724
29	22	2.725	2.017	0.74	0.679	2.550	1.887	0.74	0.718	2.375	1.758	0.74	0.744
29	24	2.875	1.783	0.62	0.705	2.700	1.674	0.62	0.737	2.550	1.581	0.62	0.769
29	26	3.025	1.513	0.50	0.731	2.850	1.425	0.50	0.763	2.675	1.338	0.50	0.795
30	18	2.450	2.450	1.00	0.628	2.250	2.250	1.00	0.667	2.075	2.075	1.00	0.692
30	20	2.575	2.318	0.90	0.654	2.400	2.160	0.90	0.686	2.225	2.003	0.90	0.724
30	22	2.725	2.126	0.78	0.679	2.550	1.989	0.78	0.718	2.375	1.853	0.78	0.744
30	24	2.875	1.898	0.66	0.705	2.700	1.782	0.66	0.737	2.550	1.683	0.66	0.769
30	26	3.025	1.634	0.54	0.731	2.850	1.539	0.54	0.763	2.675	1.445	0.54	0.795
31	18	2.450	2.450	1.00	0.628	2.250	2.250	1.00	0.667	2.075	2.075	1.00	0.692
31	20	2.575	2.421	0.94	0.654	2.400	2.256	0.94	0.686	2.225	2.092	0.94	0.724
31	22	2.725	2.235	0.82	0.679	2.550	2.091	0.82	0.718	2.375	1.948	0.82	0.744
31	24	2.875	2.013	0.70	0.705	2.700	1.890	0.70	0.737	2.550	1.785	0.70	0.769
31	26	3.025	1.755	0.58	0.731	2.850	1.653	0.58	0.763	2.675	1.552	0.58	0.795
32	18	2.450	2.450	1.00	0.628	2.250	2.250	1.00	0.667	2.075	2.075	1.00	0.692
32	20	2.575	2.524	0.98	0.654	2.400	2.352	0.98	0.686	2.225	2.181	0.98	0.724
32	22	2.725	2.344	0.86	0.679	2.550	2.193	0.86	0.718	2.375	2.043	0.86	0.744
32	24	2.875	2.128	0.74	0.705	2.700	1.998	0.74	0.737	2.550	1.887	0.74	0.769
32	26	3.025	1.876	0.62	0.731	2.850	1.767	0.62	0.763	2.675	1.659	0.62	0.795

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

COOLING operation at Rated frequency
SFZ-M35VA / SUZ-M35VA
CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.113	2.468	0.60	0.800	3.938	2.363	0.60	0.840	3.780	2.268	0.60	0.880	3.640	2.184	0.60	0.920
21	20	4.288	2.058	0.48	0.840	4.113	1.974	0.48	0.890	3.990	1.915	0.48	0.910	3.850	1.848	0.48	0.950
22	18	4.113	2.632	0.64	0.800	3.938	2.520	0.64	0.840	3.780	2.419	0.64	0.880	3.640	2.330	0.64	0.920
22	20	4.288	2.230	0.52	0.840	4.113	2.139	0.52	0.890	3.990	2.075	0.52	0.910	3.850	2.002	0.52	0.950
22	22	4.463	1.785	0.40	0.870	4.305	1.722	0.40	0.925	4.200	1.680	0.40	0.950	4.025	1.610	0.40	0.990
23	18	4.113	2.797	0.68	0.800	3.938	2.678	0.68	0.840	3.780	2.570	0.68	0.880	3.640	2.475	0.68	0.920
23	20	4.288	2.401	0.56	0.840	4.113	2.303	0.56	0.890	3.990	2.234	0.56	0.910	3.850	2.156	0.56	0.950
23	22	4.463	1.964	0.44	0.870	4.305	1.894	0.44	0.925	4.200	1.848	0.44	0.950	4.025	1.771	0.44	0.990
24	18	4.113	2.961	0.72	0.800	3.938	2.835	0.72	0.840	3.780	2.722	0.72	0.880	3.640	2.621	0.72	0.920
24	20	4.288	2.573	0.60	0.840	4.113	2.468	0.60	0.890	3.990	2.394	0.60	0.910	3.850	2.310	0.60	0.950
24	22	4.463	2.142	0.48	0.870	4.305	2.066	0.48	0.925	4.200	2.016	0.48	0.950	4.025	1.932	0.48	0.990
24	24	4.690	1.688	0.36	0.910	4.515	1.625	0.36	0.960	4.410	1.588	0.36	0.990	4.270	1.537	0.36	1.040
25	20	4.288	2.744	0.64	0.840	4.113	2.632	0.64	0.890	3.990	2.554	0.64	0.910	3.850	2.464	0.64	0.950
25	22	4.463	2.321	0.52	0.870	4.305	2.239	0.52	0.925	4.200	2.184	0.52	0.950	4.025	2.093	0.52	0.990
25	24	4.690	1.876	0.40	0.910	4.515	1.806	0.40	0.960	4.410	1.764	0.40	0.990	4.270	1.708	0.40	1.040
26	18	4.113	3.290	0.80	0.800	3.938	3.150	0.80	0.840	3.780	3.024	0.80	0.880	3.640	2.912	0.80	0.920
26	20	4.288	2.916	0.68	0.840	4.113	2.797	0.68	0.890	3.990	2.713	0.68	0.910	3.850	2.618	0.68	0.950
26	22	4.463	2.499	0.56	0.870	4.305	2.411	0.56	0.925	4.200	2.352	0.56	0.950	4.025	2.254	0.56	0.990
26	24	4.690	2.064	0.44	0.910	4.515	1.987	0.44	0.960	4.410	1.940	0.44	0.990	4.270	1.879	0.44	1.040
26	26	4.830	1.546	0.32	0.960	4.690	1.501	0.32	1.010	4.620	1.478	0.32	1.040	4.480	1.434	0.32	1.070
27	18	4.113	3.455	0.84	0.800	3.938	3.308	0.84	0.840	3.780	3.175	0.84	0.880	3.640	3.058	0.84	0.920
27	20	4.288	3.087	0.72	0.840	4.113	2.961	0.72	0.890	3.990	2.873	0.72	0.910	3.850	2.772	0.72	0.950
27	22	4.463	2.678	0.60	0.870	4.305	2.583	0.60	0.925	4.200	2.520	0.60	0.950	4.025	2.415	0.60	0.990
27	24	4.690	2.251	0.48	0.910	4.515	2.167	0.48	0.960	4.410	2.117	0.48	0.990	4.270	2.050	0.48	1.040
27	26	4.830	1.739	0.36	0.960	4.690	1.688	0.36	1.010	4.620	1.663	0.36	1.040	4.480	1.613	0.36	1.070
28	18	4.113	3.619	0.88	0.800	3.938	3.465	0.88	0.840	3.780	3.326	0.88	0.880	3.640	3.203	0.88	0.920
28	20	4.288	3.259	0.76	0.840	4.113	3.126	0.76	0.890	3.990	3.032	0.76	0.910	3.850	2.926	0.76	0.950
28	22	4.463	2.856	0.64	0.870	4.305	2.755	0.64	0.925	4.200	2.688	0.64	0.950	4.025	2.576	0.64	0.990
28	24	4.690	2.439	0.52	0.910	4.515	2.348	0.52	0.960	4.410	2.293	0.52	0.990	4.270	2.220	0.52	1.040
28	26	4.830	1.932	0.40	0.960	4.690	1.876	0.40	1.010	4.620	1.848	0.40	1.040	4.480	1.792	0.40	1.070
29	18	4.113	3.784	0.92	0.800	3.938	3.623	0.92	0.840	3.780	3.478	0.92	0.880	3.640	3.349	0.92	0.920
29	20	4.288	3.430	0.80	0.840	4.113	3.290	0.80	0.890	3.990	3.192	0.80	0.910	3.850	3.080	0.80	0.950
29	22	4.463	3.035	0.68	0.870	4.305	2.927	0.68	0.925	4.200	2.856	0.68	0.950	4.025	2.737	0.68	0.990
29	24	4.690	2.626	0.56	0.910	4.515	2.528	0.56	0.960	4.410	2.470	0.56	0.990	4.270	2.391	0.56	1.040
29	26	4.830	2.125	0.44	0.960	4.690	2.064	0.44	1.010	4.620	2.033	0.44	1.040	4.480	1.971	0.44	1.070
30	18	4.113	3.948	0.96	0.800	3.938	3.780	0.96	0.840	3.780	3.629	0.96	0.880	3.640	3.494	0.96	0.920
30	20	4.288	3.602	0.84	0.840	4.113	3.455	0.84	0.890	3.990	3.352	0.84	0.910	3.850	3.234	0.84	0.950
30	22	4.463	3.213	0.72	0.870	4.305	3.100	0.72	0.925	4.200	3.024	0.72	0.950	4.025	2.898	0.72	0.990
30	24	4.690	2.814	0.60	0.910	4.515	2.709	0.60	0.960	4.410	2.646	0.60	0.990	4.270	2.562	0.60	1.040
30	26	4.830	2.318	0.48	0.960	4.690	2.251	0.48	1.010	4.620	2.218	0.48	1.040	4.480	2.150	0.48	1.070
31	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
31	20	4.288	3.773	0.88	0.840	4.113	3.619	0.88	0.890	3.990	3.511	0.88	0.910	3.850	3.388	0.88	0.950
31	22	4.463	3.392	0.76	0.870	4.305	3.272	0.76	0.925	4.200	3.192	0.76	0.950	4.025	3.059	0.76	0.990
31	24	4.690	3.002	0.64	0.910	4.515	2.890	0.64	0.960	4.410	2.822	0.64	0.990	4.270	2.733	0.64	1.040
31	26	4.830	2.512	0.52	0.960	4.690	2.439	0.52	1.010	4.620	2.402	0.52	1.040	4.480	2.330	0.52	1.070
32	18	4.113	4.113	1.00	0.800	3.938	3.938	1.00	0.840	3.780	3.780	1.00	0.880	3.640	3.640	1.00	0.920
32	20	4.288	3.945	0.92	0.840	4.113	3.784	0.92	0.890	3.990	3.671	0.92	0.910	3.850	3.542	0.92	0.950
32	22	4.463	3.570	0.80	0.870	4.305	3.444	0.80	0.925	4.200	3.360	0.80	0.950	4.025	3.220	0.80	0.990
32	24	4.690	3.189	0.68	0.910	4.515	3.070	0.68	0.960	4.410	2.999	0.68	0.990	4.270	2.904	0.68	1.040
32	26	4.830	2.705	0.56	0.960	4.690	2.626	0.56	1.010	4.620	2.587	0.56	1.040	4.480	2.509	0.56	1.070

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

COOLING operation at Rated frequency
SFZ-M35VA / SUZ-M35VA
CAPACITY :3.500kW INPUT :1.000kW SHF :0.78

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.430	2.058	0.60	0.980	3.150	1.890	0.60	1.040	2.905	1.743	0.60	1.080
21	20	3.605	1.730	0.48	1.020	3.360	1.613	0.48	1.070	3.115	1.495	0.48	1.130
22	18	3.430	2.195	0.64	0.980	3.150	2.016	0.64	1.040	2.905	1.859	0.64	1.080
22	20	3.605	1.875	0.52	1.020	3.360	1.747	0.52	1.070	3.115	1.620	0.52	1.130
22	22	3.815	1.526	0.40	1.060	3.570	1.428	0.40	1.120	3.325	1.330	0.40	1.160
23	18	3.430	2.332	0.68	0.980	3.150	2.142	0.68	1.040	2.905	1.975	0.68	1.080
23	20	3.605	2.019	0.56	1.020	3.360	1.882	0.56	1.070	3.115	1.744	0.56	1.130
23	22	3.815	1.679	0.44	1.060	3.570	1.571	0.44	1.120	3.325	1.463	0.44	1.160
24	18	3.430	2.470	0.72	0.980	3.150	2.268	0.72	1.040	2.905	2.092	0.72	1.080
24	20	3.605	2.163	0.60	1.020	3.360	2.016	0.60	1.070	3.115	1.869	0.60	1.130
24	22	3.815	1.831	0.48	1.060	3.570	1.714	0.48	1.120	3.325	1.596	0.48	1.160
24	24	4.025	1.449	0.36	1.100	3.780	1.361	0.36	1.150	3.570	1.285	0.36	1.200
25	20	3.605	2.307	0.64	1.020	3.360	2.150	0.64	1.070	3.115	1.994	0.64	1.130
25	22	3.815	1.984	0.52	1.060	3.570	1.856	0.52	1.120	3.325	1.729	0.52	1.160
25	24	4.025	1.610	0.40	1.100	3.780	1.512	0.40	1.150	3.570	1.428	0.40	1.200
26	18	3.430	2.744	0.80	0.980	3.150	2.520	0.80	1.040	2.905	2.324	0.80	1.080
26	20	3.605	2.451	0.68	1.020	3.360	2.285	0.68	1.070	3.115	2.118	0.68	1.130
26	22	3.815	2.136	0.56	1.060	3.570	1.999	0.56	1.120	3.325	1.862	0.56	1.160
26	24	4.025	1.771	0.44	1.100	3.780	1.663	0.44	1.150	3.570	1.571	0.44	1.200
26	26	4.235	1.355	0.32	1.140	3.990	1.277	0.32	1.190	3.745	1.198	0.32	1.240
27	18	3.430	2.881	0.84	0.980	3.150	2.646	0.84	1.040	2.905	2.440	0.84	1.080
27	20	3.605	2.596	0.72	1.020	3.360	2.419	0.72	1.070	3.115	2.243	0.72	1.130
27	22	3.815	2.289	0.60	1.060	3.570	2.142	0.60	1.120	3.325	1.995	0.60	1.160
27	24	4.025	1.932	0.48	1.100	3.780	1.814	0.48	1.150	3.570	1.714	0.48	1.200
27	26	4.235	1.525	0.36	1.140	3.990	1.436	0.36	1.190	3.745	1.348	0.36	1.240
28	18	3.430	3.018	0.88	0.980	3.150	2.772	0.88	1.040	2.905	2.556	0.88	1.080
28	20	3.605	2.740	0.76	1.020	3.360	2.554	0.76	1.070	3.115	2.367	0.76	1.130
28	22	3.815	2.442	0.64	1.060	3.570	2.285	0.64	1.120	3.325	2.128	0.64	1.160
28	24	4.025	2.093	0.52	1.100	3.780	1.966	0.52	1.150	3.570	1.856	0.52	1.200
28	26	4.235	1.694	0.40	1.140	3.990	1.596	0.40	1.190	3.745	1.498	0.40	1.240
29	18	3.430	3.156	0.92	0.980	3.150	2.898	0.92	1.040	2.905	2.673	0.92	1.080
29	20	3.605	2.884	0.80	1.020	3.360	2.688	0.80	1.070	3.115	2.492	0.80	1.130
29	22	3.815	2.594	0.68	1.060	3.570	2.428	0.68	1.120	3.325	2.261	0.68	1.160
29	24	4.025	2.254	0.56	1.100	3.780	2.117	0.56	1.150	3.570	1.999	0.56	1.200
29	26	4.235	1.863	0.44	1.140	3.990	1.756	0.44	1.190	3.745	1.648	0.44	1.240
30	18	3.430	3.293	0.96	0.980	3.150	3.024	0.96	1.040	2.905	2.789	0.96	1.080
30	20	3.605	3.028	0.84	1.020	3.360	2.822	0.84	1.070	3.115	2.617	0.84	1.130
30	22	3.815	2.747	0.72	1.060	3.570	2.570	0.72	1.120	3.325	2.394	0.72	1.160
30	24	4.025	2.415	0.60	1.100	3.780	2.268	0.60	1.150	3.570	2.142	0.60	1.200
30	26	4.235	2.033	0.48	1.140	3.990	1.915	0.48	1.190	3.745	1.798	0.48	1.240
31	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
31	20	3.605	3.172	0.88	1.020	3.360	2.957	0.88	1.070	3.115	2.741	0.88	1.130
31	22	3.815	2.899	0.76	1.060	3.570	2.713	0.76	1.120	3.325	2.527	0.76	1.160
31	24	4.025	2.576	0.64	1.100	3.780	2.419	0.64	1.150	3.570	2.285	0.64	1.200
31	26	4.235	2.202	0.52	1.140	3.990	2.075	0.52	1.190	3.745	1.947	0.52	1.240
32	18	3.430	3.430	1.00	0.980	3.150	3.150	1.00	1.040	2.905	2.905	1.00	1.080
32	20	3.605	3.317	0.92	1.020	3.360	3.091	0.92	1.070	3.115	2.866	0.92	1.130
32	22	3.815	3.052	0.80	1.060	3.570	2.856	0.80	1.120	3.325	2.660	0.80	1.160
32	24	4.025	2.737	0.68	1.100	3.780	2.570	0.68	1.150	3.570	2.428	0.68	1.200
32	26	4.235	2.372	0.56	1.140	3.990	2.234	0.56	1.190	3.745	2.097	0.56	1.240

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

COOLING operation at Rated frequency
SFZ-M50VA / SUZ-M50VA
CAPACITY :5.000kW INPUT :1.470kW SHF :0.76

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.408	0.58	1.176	5.625	3.263	0.58	1.235	5.400	3.132	0.58	1.294	5.200	3.016	0.58	1.352
21	20	6.125	2.818	0.46	1.235	5.875	2.703	0.46	1.308	5.700	2.622	0.46	1.338	5.500	2.530	0.46	1.397
22	18	5.875	3.643	0.62	1.176	5.625	3.488	0.62	1.235	5.400	3.348	0.62	1.294	5.200	3.224	0.62	1.352
22	20	6.125	3.063	0.50	1.235	5.875	2.938	0.50	1.308	5.700	2.850	0.50	1.338	5.500	2.750	0.50	1.397
22	22	6.375	2.423	0.38	1.279	6.150	2.337	0.38	1.360	6.000	2.280	0.38	1.397	5.750	2.185	0.38	1.455
23	18	5.875	3.878	0.66	1.176	5.625	3.713	0.66	1.235	5.400	3.564	0.66	1.294	5.200	3.432	0.66	1.352
23	20	6.125	3.308	0.54	1.235	5.875	3.173	0.54	1.308	5.700	3.078	0.54	1.338	5.500	2.970	0.54	1.397
23	22	6.375	2.678	0.42	1.279	6.150	2.583	0.42	1.360	6.000	2.520	0.42	1.397	5.750	2.415	0.42	1.455
24	18	5.875	4.113	0.70	1.176	5.625	3.938	0.70	1.235	5.400	3.780	0.70	1.294	5.200	3.640	0.70	1.352
24	20	6.125	3.553	0.58	1.235	5.875	3.408	0.58	1.308	5.700	3.306	0.58	1.338	5.500	3.190	0.58	1.397
24	22	6.375	2.933	0.46	1.279	6.150	2.829	0.46	1.360	6.000	2.760	0.46	1.397	5.750	2.645	0.46	1.455
24	24	6.700	2.278	0.34	1.338	6.450	2.193	0.34	1.411	6.300	2.142	0.34	1.455	6.100	2.074	0.34	1.529
25	20	6.125	3.798	0.62	1.235	5.875	3.643	0.62	1.308	5.700	3.534	0.62	1.338	5.500	3.410	0.62	1.397
25	22	6.375	3.188	0.50	1.279	6.150	3.075	0.50	1.360	6.000	3.000	0.50	1.397	5.750	2.875	0.50	1.455
25	24	6.700	2.546	0.38	1.338	6.450	2.451	0.38	1.411	6.300	2.394	0.38	1.455	6.100	2.318	0.38	1.529
26	18	5.875	4.583	0.78	1.176	5.625	4.388	0.78	1.235	5.400	4.212	0.78	1.294	5.200	4.056	0.78	1.352
26	20	6.125	4.043	0.66	1.235	5.875	3.878	0.66	1.308	5.700	3.762	0.66	1.338	5.500	3.630	0.66	1.397
26	22	6.375	3.443	0.54	1.279	6.150	3.321	0.54	1.360	6.000	3.240	0.54	1.397	5.750	3.105	0.54	1.455
26	24	6.700	2.814	0.42	1.338	6.450	2.709	0.42	1.411	6.300	2.646	0.42	1.455	6.100	2.562	0.42	1.529
26	26	6.900	2.070	0.30	1.411	6.700	2.010	0.30	1.485	6.600	1.980	0.30	1.529	6.400	1.920	0.30	1.573
27	18	5.875	4.818	0.82	1.176	5.625	4.613	0.82	1.235	5.400	4.428	0.82	1.294	5.200	4.264	0.82	1.352
27	20	6.125	4.288	0.70	1.235	5.875	4.113	0.70	1.308	5.700	3.990	0.70	1.338	5.500	3.850	0.70	1.397
27	22	6.375	3.698	0.58	1.279	6.150	3.567	0.58	1.360	6.000	3.480	0.58	1.397	5.750	3.335	0.58	1.455
27	24	6.700	3.082	0.46	1.338	6.450	2.967	0.46	1.411	6.300	2.898	0.46	1.455	6.100	2.806	0.46	1.529
27	26	6.900	2.346	0.34	1.411	6.700	2.278	0.34	1.485	6.600	2.244	0.34	1.529	6.400	2.176	0.34	1.573
28	18	5.875	5.053	0.86	1.176	5.625	4.838	0.86	1.235	5.400	4.644	0.86	1.294	5.200	4.472	0.86	1.352
28	20	6.125	4.533	0.74	1.235	5.875	4.348	0.74	1.308	5.700	4.218	0.74	1.338	5.500	4.070	0.74	1.397
28	22	6.375	3.953	0.62	1.279	6.150	3.813	0.62	1.360	6.000	3.720	0.62	1.397	5.750	3.565	0.62	1.455
28	24	6.700	3.350	0.50	1.338	6.450	3.225	0.50	1.411	6.300	3.150	0.50	1.455	6.100	3.050	0.50	1.529
28	26	6.900	2.622	0.38	1.411	6.700	2.546	0.38	1.485	6.600	2.508	0.38	1.529	6.400	2.432	0.38	1.573
29	18	5.875	5.288	0.90	1.176	5.625	5.063	0.90	1.235	5.400	4.860	0.90	1.294	5.200	4.680	0.90	1.352
29	20	6.125	4.778	0.78	1.235	5.875	4.583	0.78	1.308	5.700	4.446	0.78	1.338	5.500	4.290	0.78	1.397
29	22	6.375	4.208	0.66	1.279	6.150	4.059	0.66	1.360	6.000	3.960	0.66	1.397	5.750	3.795	0.66	1.455
29	24	6.700	3.618	0.54	1.338	6.450	3.483	0.54	1.411	6.300	3.402	0.54	1.455	6.100	3.294	0.54	1.529
29	26	6.900	2.898	0.42	1.411	6.700	2.814	0.42	1.485	6.600	2.772	0.42	1.529	6.400	2.688	0.42	1.573
30	18	5.875	5.523	0.94	1.176	5.625	5.288	0.94	1.235	5.400	5.076	0.94	1.294	5.200	4.888	0.94	1.352
30	20	6.125	5.023	0.82	1.235	5.875	4.818	0.82	1.308	5.700	4.674	0.82	1.338	5.500	4.510	0.82	1.397
30	22	6.375	4.463	0.70	1.279	6.150	4.305	0.70	1.360	6.000	4.200	0.70	1.397	5.750	4.025	0.70	1.455
30	24	6.700	3.886	0.58	1.338	6.450	3.741	0.58	1.411	6.300	3.654	0.58	1.455	6.100	3.538	0.58	1.529
30	26	6.900	3.174	0.46	1.411	6.700	3.082	0.46	1.485	6.600	3.036	0.46	1.529	6.400	2.944	0.46	1.573
31	18	5.875	5.758	0.98	1.176	5.625	5.513	0.98	1.235	5.400	5.292	0.98	1.294	5.200	5.096	0.98	1.352
31	20	6.125	5.268	0.86	1.235	5.875	5.053	0.86	1.308	5.700	4.902	0.86	1.338	5.500	4.730	0.86	1.397
31	22	6.375	4.718	0.74	1.279	6.150	4.551	0.74	1.360	6.000	4.440	0.74	1.397	5.750	4.255	0.74	1.455
31	24	6.700	4.154	0.62	1.338	6.450	3.999	0.62	1.411	6.300	3.906	0.62	1.455	6.100	3.782	0.62	1.529
31	26	6.900	3.450	0.50	1.411	6.700	3.350	0.50	1.485	6.600	3.300	0.50	1.529	6.400	3.200	0.50	1.573
32	18	5.875	5.875	1.00	1.176	5.625	5.625	1.00	1.235	5.400	5.400	1.00	1.294	5.200	5.200	1.00	1.352
32	20	6.125	5.513	0.90	1.235	5.875	5.288	0.90	1.308	5.700	5.130	0.90	1.338	5.500	4.950	0.90	1.397
32	22	6.375	4.973	0.78	1.279	6.150	4.797	0.78	1.360	6.000	4.680	0.78	1.397	5.750	4.485	0.78	1.455
32	24	6.700	4.422	0.66	1.338	6.450	4.257	0.66	1.411	6.300	4.158	0.66	1.455	6.100	4.026	0.66	1.529
32	26	6.900	3.726	0.54	1.411	6.700	3.618	0.54	1.485	6.600	3.564	0.54	1.529	6.400	3.456	0.54	1.573

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

COOLING operation at Rated frequency
SFZ-M50VA / SUZ-M50VA
CAPACITY :5.000kW INPUT :1.470kW SHF :0.76

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.842	0.58	1.441	4.500	2.610	0.58	1.529	4.150	2.407	0.58	1.588
21	20	5.150	2.369	0.46	1.499	4.800	2.208	0.46	1.573	4.450	2.047	0.46	1.661
22	18	4.900	3.038	0.62	1.441	4.500	2.790	0.62	1.529	4.150	2.573	0.62	1.588
22	20	5.150	2.575	0.50	1.499	4.800	2.400	0.50	1.573	4.450	2.225	0.50	1.661
22	22	5.450	2.071	0.38	1.558	5.100	1.938	0.38	1.646	4.750	1.805	0.38	1.705
23	18	4.900	3.234	0.66	1.441	4.500	2.970	0.66	1.529	4.150	2.739	0.66	1.588
23	20	5.150	2.781	0.54	1.499	4.800	2.592	0.54	1.573	4.450	2.403	0.54	1.661
23	22	5.450	2.289	0.42	1.558	5.100	2.142	0.42	1.646	4.750	1.995	0.42	1.705
24	18	4.900	3.430	0.70	1.441	4.500	3.150	0.70	1.529	4.150	2.905	0.70	1.588
24	20	5.150	2.987	0.58	1.499	4.800	2.784	0.58	1.573	4.450	2.581	0.58	1.661
24	22	5.450	2.507	0.46	1.558	5.100	2.346	0.46	1.646	4.750	2.185	0.46	1.705
24	24	5.750	1.955	0.34	1.617	5.400	1.836	0.34	1.691	5.100	1.734	0.34	1.764
25	20	5.150	3.193	0.62	1.499	4.800	2.976	0.62	1.573	4.450	2.759	0.62	1.661
25	22	5.450	2.725	0.50	1.558	5.100	2.550	0.50	1.646	4.750	2.375	0.50	1.705
25	24	5.750	2.185	0.38	1.617	5.400	2.052	0.38	1.691	5.100	1.938	0.38	1.764
26	18	4.900	3.822	0.78	1.441	4.500	3.510	0.78	1.529	4.150	3.237	0.78	1.588
26	20	5.150	3.399	0.66	1.499	4.800	3.168	0.66	1.573	4.450	2.937	0.66	1.661
26	22	5.450	2.943	0.54	1.558	5.100	2.754	0.54	1.646	4.750	2.565	0.54	1.705
26	24	5.750	2.415	0.42	1.617	5.400	2.268	0.42	1.691	5.100	2.142	0.42	1.764
26	26	6.050	1.815	0.30	1.676	5.700	1.710	0.30	1.749	5.350	1.605	0.30	1.823
27	18	4.900	4.018	0.82	1.441	4.500	3.690	0.82	1.529	4.150	3.403	0.82	1.588
27	20	5.150	3.605	0.70	1.499	4.800	3.360	0.70	1.573	4.450	3.115	0.70	1.661
27	22	5.450	3.161	0.58	1.558	5.100	2.958	0.58	1.646	4.750	2.755	0.58	1.705
27	24	5.750	2.645	0.46	1.617	5.400	2.484	0.46	1.691	5.100	2.346	0.46	1.764
27	26	6.050	2.057	0.34	1.676	5.700	1.938	0.34	1.749	5.350	1.819	0.34	1.823
28	18	4.900	4.214	0.86	1.441	4.500	3.870	0.86	1.529	4.150	3.569	0.86	1.588
28	20	5.150	3.811	0.74	1.499	4.800	3.552	0.74	1.573	4.450	3.293	0.74	1.661
28	22	5.450	3.379	0.62	1.558	5.100	3.162	0.62	1.646	4.750	2.945	0.62	1.705
28	24	5.750	2.875	0.50	1.617	5.400	2.700	0.50	1.691	5.100	2.550	0.50	1.764
28	26	6.050	2.299	0.38	1.676	5.700	2.166	0.38	1.749	5.350	2.033	0.38	1.823
29	18	4.900	4.410	0.90	1.441	4.500	4.050	0.90	1.529	4.150	3.735	0.90	1.588
29	20	5.150	4.017	0.78	1.499	4.800	3.744	0.78	1.573	4.450	3.471	0.78	1.661
29	22	5.450	3.597	0.66	1.558	5.100	3.366	0.66	1.646	4.750	3.135	0.66	1.705
29	24	5.750	3.105	0.54	1.617	5.400	2.916	0.54	1.691	5.100	2.754	0.54	1.764
29	26	6.050	2.541	0.42	1.676	5.700	2.394	0.42	1.749	5.350	2.247	0.42	1.823
30	18	4.900	4.606	0.94	1.441	4.500	4.230	0.94	1.529	4.150	3.901	0.94	1.588
30	20	5.150	4.223	0.82	1.499	4.800	3.936	0.82	1.573	4.450	3.649	0.82	1.661
30	22	5.450	3.815	0.70	1.558	5.100	3.570	0.70	1.646	4.750	3.325	0.70	1.705
30	24	5.750	3.335	0.58	1.617	5.400	3.132	0.58	1.691	5.100	2.958	0.58	1.764
30	26	6.050	2.783	0.46	1.676	5.700	2.622	0.46	1.749	5.350	2.461	0.46	1.823
31	18	4.900	4.802	0.98	1.441	4.500	4.410	0.98	1.529	4.150	4.067	0.98	1.588
31	20	5.150	4.429	0.86	1.499	4.800	4.128	0.86	1.573	4.450	3.827	0.86	1.661
31	22	5.450	4.033	0.74	1.558	5.100	3.774	0.74	1.646	4.750	3.515	0.74	1.705
31	24	5.750	3.565	0.62	1.617	5.400	3.348	0.62	1.691	5.100	3.162	0.62	1.764
31	26	6.050	3.025	0.50	1.676	5.700	2.850	0.50	1.749	5.350	2.675	0.50	1.823
32	18	4.900	4.900	1.00	1.441	4.500	4.500	1.00	1.529	4.150	4.150	1.00	1.588
32	20	5.150	4.635	0.90	1.499	4.800	4.320	0.90	1.573	4.450	4.005	0.90	1.661
32	22	5.450	4.251	0.78	1.558	5.100	3.978	0.78	1.646	4.750	3.705	0.78	1.705
32	24	5.750	3.795	0.66	1.617	5.400	3.564	0.66	1.691	5.100	3.366	0.66	1.764
32	26	6.050	3.267	0.54	1.676	5.700	3.078	0.54	1.749	5.350	2.889	0.54	1.823

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

COOLING operation at Rated frequency
SFZ-M60VA / SUZ-M60VA
CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.086	0.57	1.478	6.863	3.912	0.57	1.552	6.588	3.755	0.57	1.626	6.344	3.616	0.57	1.700
21	20	7.473	3.363	0.45	1.552	7.168	3.226	0.45	1.645	6.954	3.129	0.45	1.682	6.710	3.020	0.45	1.756
22	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
22	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	22	7.778	2.878	0.37	1.608	7.503	2.776	0.37	1.709	7.320	2.708	0.37	1.756	7.015	2.596	0.37	1.830
23	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
23	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
23	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
24	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
24	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
24	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	24	8.174	2.697	0.33	1.682	7.869	2.597	0.33	1.774	7.686	2.536	0.33	1.830	7.442	2.456	0.33	1.922
25	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
25	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
25	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
26	18	7.168	5.519	0.77	1.478	6.863	5.285	0.77	1.552	6.588	5.073	0.77	1.626	6.344	4.885	0.77	1.700
26	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
26	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
26	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	26	8.418	2.441	0.29	1.774	8.174	2.370	0.29	1.866	8.052	2.335	0.29	1.922	7.808	2.264	0.29	1.977
27	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
27	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
27	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
27	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
27	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
28	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
28	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
28	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
28	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
28	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
29	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
29	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
29	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
29	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
29	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
30	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
30	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
30	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
30	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
30	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
31	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
31	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
31	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
31	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
31	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
32	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
32	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
32	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.268	0.53	1.922	7.808	4.138	0.53	1.977

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

COOLING operation at Rated frequency
SFZ-M60VA / SUZ-M60VA
CAPACITY :6.100kW INPUT :1.848kW SHF :0.75

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.407	0.57	1.811	5.490	3.129	0.57	1.922	5.063	2.886	0.57	1.996
21	20	6.283	2.827	0.45	1.885	5.856	2.635	0.45	1.977	5.429	2.443	0.45	2.088
22	18	5.978	3.647	0.61	1.811	5.490	3.349	0.61	1.922	5.063	3.088	0.61	1.996
22	20	6.283	3.079	0.49	1.885	5.856	2.869	0.49	1.977	5.429	2.660	0.49	2.088
22	22	6.649	2.460	0.37	1.959	6.222	2.302	0.37	2.070	5.795	2.144	0.37	2.144
23	18	5.978	3.886	0.65	1.811	5.490	3.569	0.65	1.922	5.063	3.291	0.65	1.996
23	20	6.283	3.330	0.53	1.885	5.856	3.104	0.53	1.977	5.429	2.877	0.53	2.088
23	22	6.649	2.726	0.41	1.959	6.222	2.551	0.41	2.070	5.795	2.376	0.41	2.144
24	18	5.978	4.125	0.69	1.811	5.490	3.788	0.69	1.922	5.063	3.493	0.69	1.996
24	20	6.283	3.581	0.57	1.885	5.856	3.338	0.57	1.977	5.429	3.095	0.57	2.088
24	22	6.649	2.992	0.45	1.959	6.222	2.800	0.45	2.070	5.795	2.608	0.45	2.144
24	24	7.015	2.315	0.33	2.033	6.588	2.174	0.33	2.125	6.222	2.053	0.33	2.218
25	20	6.283	3.833	0.61	1.885	5.856	3.572	0.61	1.977	5.429	3.312	0.61	2.088
25	22	6.649	3.258	0.49	1.959	6.222	3.049	0.49	2.070	5.795	2.840	0.49	2.144
25	24	7.015	2.596	0.37	2.033	6.588	2.438	0.37	2.125	6.222	2.302	0.37	2.218
26	18	5.978	4.603	0.77	1.811	5.490	4.227	0.77	1.922	5.063	3.899	0.77	1.996
26	20	6.283	4.084	0.65	1.885	5.856	3.806	0.65	1.977	5.429	3.529	0.65	2.088
26	22	6.649	3.524	0.53	1.959	6.222	3.298	0.53	2.070	5.795	3.071	0.53	2.144
26	24	7.015	2.876	0.41	2.033	6.588	2.701	0.41	2.125	6.222	2.551	0.41	2.218
26	26	7.381	2.140	0.29	2.107	6.954	2.017	0.29	2.199	6.527	1.893	0.29	2.292
27	18	5.978	4.842	0.81	1.811	5.490	4.447	0.81	1.922	5.063	4.101	0.81	1.996
27	20	6.283	4.335	0.69	1.885	5.856	4.041	0.69	1.977	5.429	3.746	0.69	2.088
27	22	6.649	3.790	0.57	1.959	6.222	3.547	0.57	2.070	5.795	3.303	0.57	2.144
27	24	7.015	3.157	0.45	2.033	6.588	2.965	0.45	2.125	6.222	2.800	0.45	2.218
27	26	7.381	2.436	0.33	2.107	6.954	2.295	0.33	2.199	6.527	2.154	0.33	2.292
28	18	5.978	5.081	0.85	1.811	5.490	4.667	0.85	1.922	5.063	4.304	0.85	1.996
28	20	6.283	4.587	0.73	1.885	5.856	4.275	0.73	1.977	5.429	3.963	0.73	2.088
28	22	6.649	4.056	0.61	1.959	6.222	3.795	0.61	2.070	5.795	3.535	0.61	2.144
28	24	7.015	3.437	0.49	2.033	6.588	3.228	0.49	2.125	6.222	3.049	0.49	2.218
28	26	7.381	2.731	0.37	2.107	6.954	2.573	0.37	2.199	6.527	2.415	0.37	2.292
29	18	5.978	5.320	0.89	1.811	5.490	4.886	0.89	1.922	5.063	4.506	0.89	1.996
29	20	6.283	4.838	0.77	1.885	5.856	4.509	0.77	1.977	5.429	4.180	0.77	2.088
29	22	6.649	4.322	0.65	1.959	6.222	4.044	0.65	2.070	5.795	3.767	0.65	2.144
29	24	7.015	3.718	0.53	2.033	6.588	3.492	0.53	2.125	6.222	3.298	0.53	2.218
29	26	7.381	3.026	0.41	2.107	6.954	2.851	0.41	2.199	6.527	2.676	0.41	2.292
30	18	5.978	5.560	0.93	1.811	5.490	5.106	0.93	1.922	5.063	4.709	0.93	1.996
30	20	6.283	5.089	0.81	1.885	5.856	4.743	0.81	1.977	5.429	4.397	0.81	2.088
30	22	6.649	4.588	0.69	1.959	6.222	4.293	0.69	2.070	5.795	3.999	0.69	2.144
30	24	7.015	3.999	0.57	2.033	6.588	3.755	0.57	2.125	6.222	3.547	0.57	2.218
30	26	7.381	3.321	0.45	2.107	6.954	3.129	0.45	2.199	6.527	2.937	0.45	2.292
31	18	5.978	5.799	0.97	1.811	5.490	5.325	0.97	1.922	5.063	4.911	0.97	1.996
31	20	6.283	5.341	0.85	1.885	5.856	4.978	0.85	1.977	5.429	4.615	0.85	2.088
31	22	6.649	4.854	0.73	1.959	6.222	4.542	0.73	2.070	5.795	4.230	0.73	2.144
31	24	7.015	4.279	0.61	2.033	6.588	4.019	0.61	2.125	6.222	3.795	0.61	2.218
31	26	7.381	3.617	0.49	2.107	6.954	3.407	0.49	2.199	6.527	3.198	0.49	2.292
32	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
32	20	6.283	5.592	0.89	1.885	5.856	5.212	0.89	1.977	5.429	4.832	0.89	2.088
32	22	6.649	5.120	0.77	1.959	6.222	4.791	0.77	2.070	5.795	4.462	0.77	2.144
32	24	7.015	4.560	0.65	2.033	6.588	4.282	0.65	2.125	6.222	4.044	0.65	2.218
32	26	7.381	3.912	0.53	2.107	6.954	3.686	0.53	2.199	6.527	3.459	0.53	2.292

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

COOLING operation at Rated frequency
SFZ-M71VA / SUZ-M71VA
CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.721	7.988	4.473	0.56	1.807	7.668	4.294	0.56	1.893	7.384	4.135	0.56	1.979
21	20	8.698	3.827	0.44	1.807	8.343	3.671	0.44	1.914	8.094	3.561	0.44	1.957	7.810	3.436	0.44	2.043
22	18	8.343	5.006	0.60	1.721	7.988	4.793	0.60	1.807	7.668	4.601	0.60	1.893	7.384	4.430	0.60	1.979
22	20	8.698	4.175	0.48	1.807	8.343	4.005	0.48	1.914	8.094	3.885	0.48	1.957	7.810	3.749	0.48	2.043
22	22	9.053	3.259	0.36	1.871	8.733	3.144	0.36	1.990	8.520	3.067	0.36	2.043	8.165	2.939	0.36	2.129
23	18	8.343	5.340	0.64	1.721	7.988	5.112	0.64	1.807	7.668	4.908	0.64	1.893	7.384	4.726	0.64	1.979
23	20	8.698	4.523	0.52	1.807	8.343	4.338	0.52	1.914	8.094	4.209	0.52	1.957	7.810	4.061	0.52	2.043
23	22	9.053	3.621	0.40	1.871	8.733	3.493	0.40	1.990	8.520	3.408	0.40	2.043	8.165	3.266	0.40	2.129
24	18	8.343	5.673	0.68	1.721	7.988	5.432	0.68	1.807	7.668	5.214	0.68	1.893	7.384	5.021	0.68	1.979
24	20	8.698	4.871	0.56	1.807	8.343	4.672	0.56	1.914	8.094	4.533	0.56	1.957	7.810	4.374	0.56	2.043
24	22	9.053	3.983	0.44	1.871	8.733	3.843	0.44	1.990	8.520	3.749	0.44	2.043	8.165	3.593	0.44	2.129
24	24	9.514	3.044	0.32	1.957	9.159	2.931	0.32	2.065	8.946	2.863	0.32	2.129	8.662	2.772	0.32	2.237
25	20	8.698	5.219	0.60	1.807	8.343	5.006	0.60	1.914	8.094	4.856	0.60	1.957	7.810	4.686	0.60	2.043
25	22	9.053	4.345	0.48	1.871	8.733	4.192	0.48	1.990	8.520	4.090	0.48	2.043	8.165	3.919	0.48	2.129
25	24	9.514	3.425	0.36	1.957	9.159	3.297	0.36	2.065	8.946	3.221	0.36	2.129	8.662	3.118	0.36	2.237
26	18	8.343	6.341	0.76	1.721	7.988	6.071	0.76	1.807	7.668	5.828	0.76	1.893	7.384	5.612	0.76	1.979
26	20	8.698	5.567	0.64	1.807	8.343	5.340	0.64	1.914	8.094	5.180	0.64	1.957	7.810	4.998	0.64	2.043
26	22	9.053	4.708	0.52	1.871	8.733	4.541	0.52	1.990	8.520	4.430	0.52	2.043	8.165	4.246	0.52	2.129
26	24	9.514	3.806	0.40	1.957	9.159	3.664	0.40	2.065	8.946	3.578	0.40	2.129	8.662	3.465	0.40	2.237
26	26	9.798	2.743	0.28	2.065	9.514	2.664	0.28	2.173	9.372	2.624	0.28	2.237	9.088	2.545	0.28	2.302
27	18	8.343	6.674	0.80	1.721	7.988	6.390	0.80	1.807	7.668	6.134	0.80	1.893	7.384	5.907	0.80	1.979
27	20	8.698	5.915	0.68	1.807	8.343	5.673	0.68	1.914	8.094	5.504	0.68	1.957	7.810	5.311	0.68	2.043
27	22	9.053	5.070	0.56	1.871	8.733	4.890	0.56	1.990	8.520	4.771	0.56	2.043	8.165	4.572	0.56	2.129
27	24	9.514	4.186	0.44	1.957	9.159	4.030	0.44	2.065	8.946	3.936	0.44	2.129	8.662	3.811	0.44	2.237
27	26	9.798	3.135	0.32	2.065	9.514	3.044	0.32	2.173	9.372	2.999	0.32	2.237	9.088	2.908	0.32	2.302
28	18	8.343	7.008	0.84	1.721	7.988	6.710	0.84	1.807	7.668	6.441	0.84	1.893	7.384	6.203	0.84	1.979
28	20	8.698	6.263	0.72	1.807	8.343	6.007	0.72	1.914	8.094	5.828	0.72	1.957	7.810	5.623	0.72	2.043
28	22	9.053	5.432	0.60	1.871	8.733	5.240	0.60	1.990	8.520	5.112	0.60	2.043	8.165	4.899	0.60	2.129
28	24	9.514	4.567	0.48	1.957	9.159	4.396	0.48	2.065	8.946	4.294	0.48	2.129	8.662	4.158	0.48	2.237
28	26	9.798	3.527	0.36	2.065	9.514	3.425	0.36	2.173	9.372	3.374	0.36	2.237	9.088	3.272	0.36	2.302
29	18	8.343	7.342	0.88	1.721	7.988	7.029	0.88	1.807	7.668	6.748	0.88	1.893	7.384	6.498	0.88	1.979
29	20	8.698	6.610	0.76	1.807	8.343	6.341	0.76	1.914	8.094	6.151	0.76	1.957	7.810	5.936	0.76	2.043
29	22	9.053	5.794	0.64	1.871	8.733	5.589	0.64	1.990	8.520	5.453	0.64	2.043	8.165	5.226	0.64	2.129
29	24	9.514	4.947	0.52	1.957	9.159	4.763	0.52	2.065	8.946	4.652	0.52	2.129	8.662	4.504	0.52	2.237
29	26	9.798	3.919	0.40	2.065	9.514	3.806	0.40	2.173	9.372	3.749	0.40	2.237	9.088	3.635	0.40	2.302
30	18	8.343	7.676	0.92	1.721	7.988	7.349	0.92	1.807	7.668	7.055	0.92	1.893	7.384	6.793	0.92	1.979
30	20	8.698	6.958	0.80	1.807	8.343	6.674	0.80	1.914	8.094	6.475	0.80	1.957	7.810	6.248	0.80	2.043
30	22	9.053	6.156	0.68	1.871	8.733	5.938	0.68	1.990	8.520	5.794	0.68	2.043	8.165	5.552	0.68	2.129
30	24	9.514	5.328	0.56	1.957	9.159	5.129	0.56	2.065	8.946	5.010	0.56	2.129	8.662	4.851	0.56	2.237
30	26	9.798	4.311	0.44	2.065	9.514	4.186	0.44	2.173	9.372	4.124	0.44	2.237	9.088	3.999	0.44	2.302
31	18	8.343	8.009	0.96	1.721	7.988	7.668	0.96	1.807	7.668	7.361	0.96	1.893	7.384	7.089	0.96	1.979
31	20	8.698	7.306	0.84	1.807	8.343	7.008	0.84	1.914	8.094	6.799	0.84	1.957	7.810	6.560	0.84	2.043
31	22	9.053	6.518	0.72	1.871	8.733	6.288	0.72	1.990	8.520	6.134	0.72	2.043	8.165	5.879	0.72	2.129
31	24	9.514	5.708	0.60	1.957	9.159	5.495	0.60	2.065	8.946	5.368	0.60	2.129	8.662	5.197	0.60	2.237
31	26	9.798	4.703	0.48	2.065	9.514	4.567	0.48	2.173	9.372	4.499	0.48	2.237	9.088	4.362	0.48	2.302
32	18	8.343	8.343	1.00	1.721	7.988	7.988	1.00	1.807	7.668	7.668	1.00	1.893	7.384	7.384	1.00	1.979
32	20	8.698	7.654	0.88	1.807	8.343	7.342	0.88	1.914	8.094	7.123	0.88	1.957	7.810	6.873	0.88	2.043
32	22	9.053	6.880	0.76	1.871	8.733	6.637	0.76	1.990	8.520	6.475	0.76	2.043	8.165	6.205	0.76	2.129
32	24	9.514	6.089	0.64	1.957	9.159	5.862	0.64	2.065	8.946	5.725	0.64	2.129	8.662	5.544	0.64	2.237
32	26	9.798	5.095	0.52	2.065	9.514	4.947	0.52	2.173	9.372	4.873	0.52	2.237	9.088	4.726	0.52	2.302

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

COOLING operation at Rated frequency
SFZ-M71VA / SUZ-M71VA
CAPACITY :7.100kW INPUT :2.151kW SHF :0.74

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	2.108	6.390	3.578	0.56	2.237	5.893	3.300	0.56	2.323
21	20	7.313	3.218	0.44	2.194	6.816	2.999	0.44	2.302	6.319	2.780	0.44	2.431
22	18	6.958	4.175	0.60	2.108	6.390	3.834	0.60	2.237	5.893	3.536	0.60	2.323
22	20	7.313	3.510	0.48	2.194	6.816	3.272	0.48	2.302	6.319	3.033	0.48	2.431
22	22	7.739	2.786	0.36	2.280	7.242	2.607	0.36	2.409	6.745	2.428	0.36	2.495
23	18	6.958	4.453	0.64	2.108	6.390	4.090	0.64	2.237	5.893	3.772	0.64	2.323
23	20	7.313	3.803	0.52	2.194	6.816	3.544	0.52	2.302	6.319	3.286	0.52	2.431
23	22	7.739	3.096	0.40	2.280	7.242	2.897	0.40	2.409	6.745	2.698	0.40	2.495
24	18	6.958	4.731	0.68	2.108	6.390	4.345	0.68	2.237	5.893	4.007	0.68	2.323
24	20	7.313	4.095	0.56	2.194	6.816	3.817	0.56	2.302	6.319	3.539	0.56	2.431
24	22	7.739	3.405	0.44	2.280	7.242	3.186	0.44	2.409	6.745	2.968	0.44	2.495
24	24	8.165	2.613	0.32	2.366	7.668	2.454	0.32	2.474	7.242	2.317	0.32	2.581
25	20	7.313	4.388	0.60	2.194	6.816	4.090	0.60	2.302	6.319	3.791	0.60	2.431
25	22	7.739	3.715	0.48	2.280	7.242	3.476	0.48	2.409	6.745	3.238	0.48	2.495
25	24	8.165	2.939	0.36	2.366	7.668	2.760	0.36	2.474	7.242	2.607	0.36	2.581
26	18	6.958	5.288	0.76	2.108	6.390	4.856	0.76	2.237	5.893	4.479	0.76	2.323
26	20	7.313	4.680	0.64	2.194	6.816	4.362	0.64	2.302	6.319	4.044	0.64	2.431
26	22	7.739	4.024	0.52	2.280	7.242	3.766	0.52	2.409	6.745	3.507	0.52	2.495
26	24	8.165	3.266	0.40	2.366	7.668	3.067	0.40	2.474	7.242	2.897	0.40	2.581
26	26	8.591	2.405	0.28	2.452	8.094	2.266	0.28	2.560	7.597	2.127	0.28	2.667
27	18	6.958	5.566	0.80	2.108	6.390	5.112	0.80	2.237	5.893	4.714	0.80	2.323
27	20	7.313	4.973	0.68	2.194	6.816	4.635	0.68	2.302	6.319	4.297	0.68	2.431
27	22	7.739	4.334	0.56	2.280	7.242	4.056	0.56	2.409	6.745	3.777	0.56	2.495
27	24	8.165	3.593	0.44	2.366	7.668	3.374	0.44	2.474	7.242	3.186	0.44	2.581
27	26	8.591	2.749	0.32	2.452	8.094	2.590	0.32	2.560	7.597	2.431	0.32	2.667
28	18	6.958	5.845	0.84	2.108	6.390	5.368	0.84	2.237	5.893	4.950	0.84	2.323
28	20	7.313	5.265	0.72	2.194	6.816	4.908	0.72	2.302	6.319	4.550	0.72	2.431
28	22	7.739	4.643	0.60	2.280	7.242	4.345	0.60	2.409	6.745	4.047	0.60	2.495
28	24	8.165	3.919	0.48	2.366	7.668	3.681	0.48	2.474	7.242	3.476	0.48	2.581
28	26	8.591	3.093	0.36	2.452	8.094	2.914	0.36	2.560	7.597	2.735	0.36	2.667
29	18	6.958	6.123	0.88	2.108	6.390	5.623	0.88	2.237	5.893	5.186	0.88	2.323
29	20	7.313	5.558	0.76	2.194	6.816	5.180	0.76	2.302	6.319	4.802	0.76	2.431
29	22	7.739	4.953	0.64	2.280	7.242	4.635	0.64	2.409	6.745	4.317	0.64	2.495
29	24	8.165	4.246	0.52	2.366	7.668	3.987	0.52	2.474	7.242	3.766	0.52	2.581
29	26	8.591	3.436	0.40	2.452	8.094	3.238	0.40	2.560	7.597	3.039	0.40	2.667
30	18	6.958	6.401	0.92	2.108	6.390	5.879	0.92	2.237	5.893	5.422	0.92	2.323
30	20	7.313	5.850	0.80	2.194	6.816	5.453	0.80	2.302	6.319	5.055	0.80	2.431
30	22	7.739	5.263	0.68	2.280	7.242	4.925	0.68	2.409	6.745	4.587	0.68	2.495
30	24	8.165	4.572	0.56	2.366	7.668	4.294	0.56	2.474	7.242	4.056	0.56	2.581
30	26	8.591	3.780	0.44	2.452	8.094	3.561	0.44	2.560	7.597	3.343	0.44	2.667
31	18	6.958	6.680	0.96	2.108	6.390	6.134	0.96	2.237	5.893	5.657	0.96	2.323
31	20	7.313	6.143	0.84	2.194	6.816	5.725	0.84	2.302	6.319	5.308	0.84	2.431
31	22	7.739	5.572	0.72	2.280	7.242	5.214	0.72	2.409	6.745	4.856	0.72	2.495
31	24	8.165	4.899	0.60	2.366	7.668	4.601	0.60	2.474	7.242	4.345	0.60	2.581
31	26	8.591	4.124	0.48	2.452	8.094	3.885	0.48	2.560	7.597	3.647	0.48	2.667
32	18	6.958	6.958	1.00	2.108	6.390	6.390	1.00	2.237	5.893	5.893	1.00	2.323
32	20	7.313	6.435	0.88	2.194	6.816	5.998	0.88	2.302	6.319	5.561	0.88	2.431
32	22	7.739	5.882	0.76	2.280	7.242	5.504	0.76	2.409	6.745	5.126	0.76	2.495
32	24	8.165	5.226	0.64	2.366	7.668	4.908	0.64	2.474	7.242	4.635	0.64	2.581
32	26	8.591	4.467	0.52	2.452	8.094	4.209	0.52	2.560	7.597	3.950	0.52	2.667

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

HEATING operation

SFZ-M25VA / SUZ-M25VA at Rated frequency

CAPACITY : 3.200kW INPUT : 0.886kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	1.600	0.461	2.016	0.576	2.432	0.691	2.848	0.780	3.264	0.842	3.680	0.895	4.064	0.921	4.480	0.939
21	1.504	0.491	1.920	0.620	2.304	0.735	2.720	0.815	3.104	0.877	3.520	0.921	3.904	0.948	4.304	0.983
26	1.312	0.532	1.728	0.665	2.144	0.780	2.528	0.859	2.944	0.921	3.360	0.966	3.744	0.992	4.160	1.019

SFZ-M35VA / SUZ-M35VA at Rated frequency

CAPACITY : 4.100kW INPUT : 1.051kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	2.050	0.547	2.583	0.683	3.116	0.820	3.649	0.925	4.182	0.998	4.715	1.062	5.207	1.093	5.740	1.114
21	1.927	0.582	2.460	0.736	2.952	0.872	3.485	0.967	3.977	1.040	4.510	1.093	5.002	1.125	5.515	1.167
26	1.681	0.631	2.214	0.788	2.747	0.925	3.239	1.019	3.772	1.093	4.305	1.146	4.797	1.177	5.330	1.209

SFZ-M50VA / SUZ-M50VA at Rated frequency

CAPACITY : 6.000kW INPUT : 1.617kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860

SFZ-M60VA / SUZ-M60VA at Rated frequency

CAPACITY : 7.000kW INPUT : 1.886kW

INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	3.500	0.981	4.410	1.226	5.320	1.471	6.230	1.660	7.140	1.792	8.050	1.905	8.890	1.961	9.800	1.999
21	3.290	1.045	4.200	1.320	5.040	1.565	5.950	1.735	6.790	1.867	7.700	1.961	8.540	2.018	9.415	2.093
26	2.870	1.132	3.780	1.415	4.690	1.660	5.530	1.829	6.440	1.961	7.350	2.056	8.190	2.112	9.100	2.169

SFZ-M71VA SUZ-M71VA at Rated frequency

CAPACITY : 8.000kW INPUT : 2.156kW

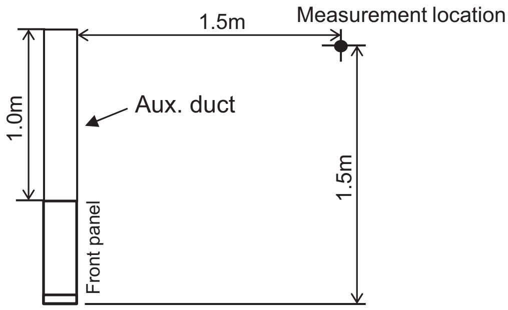
INDOOR DB(℃)	OUTDOOR WB(℃)															
	-15		-10		-5		0		5		10		15		20	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.000	1.121	5.040	1.401	6.080	1.682	7.120	1.897	8.160	2.048	9.200	2.178	10.160	2.242	11.200	2.285
21	3.760	1.194	4.800	1.509	5.760	1.789	6.800	1.984	7.760	2.134	8.800	2.242	9.760	2.307	10.760	2.393
26	3.280	1.294	4.320	1.617	5.360	1.897	6.320	2.091	7.360	2.242	8.400	2.350	9.360	2.415	10.400	2.479

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

B.3.6 NOISE CRITERIA CURVES

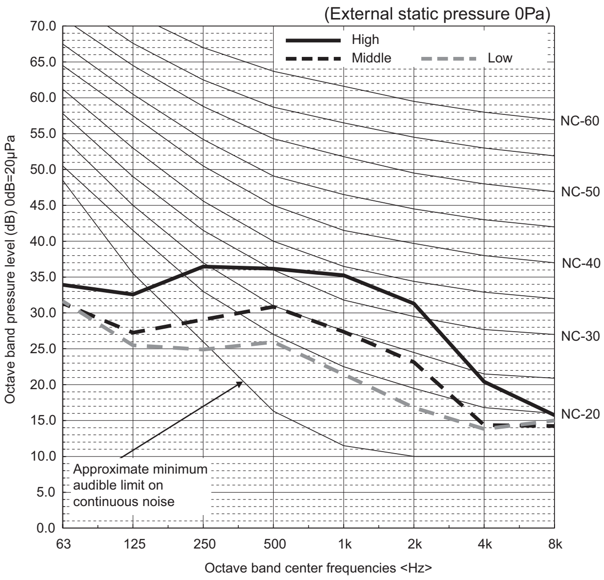
Sound pressure level

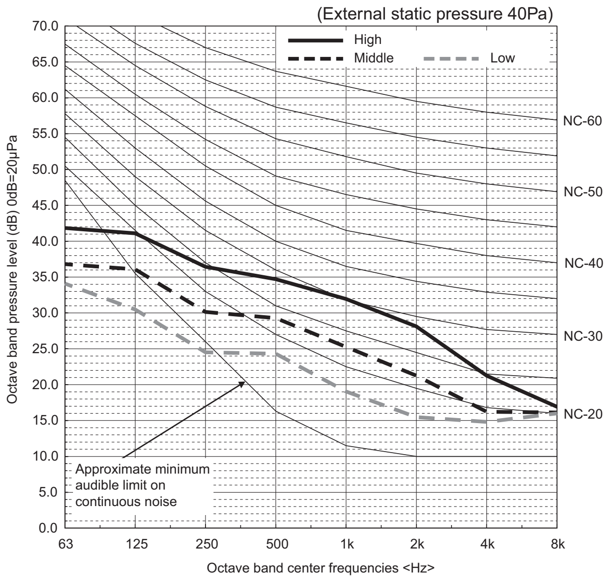
Floor standing concealed

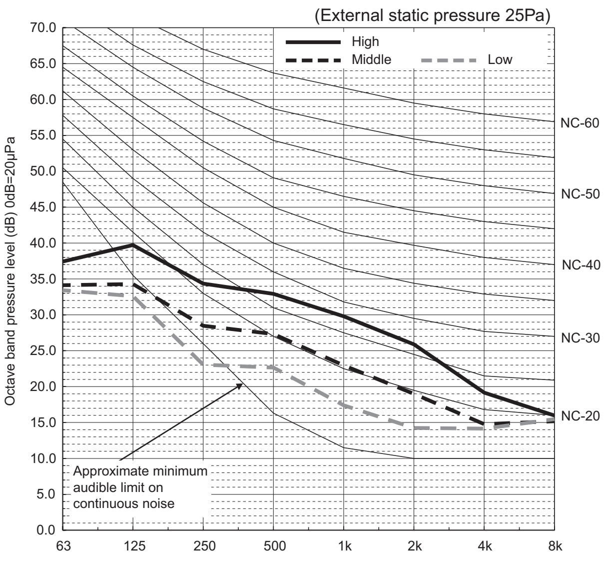


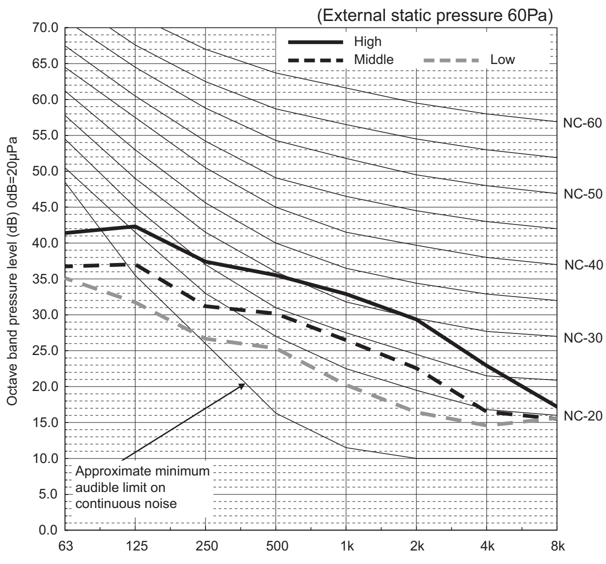
* Measurements were taken without the duct being connected to the indoor unit outlet when the external static pressure is 0 Pa.

SFZ-M25VA

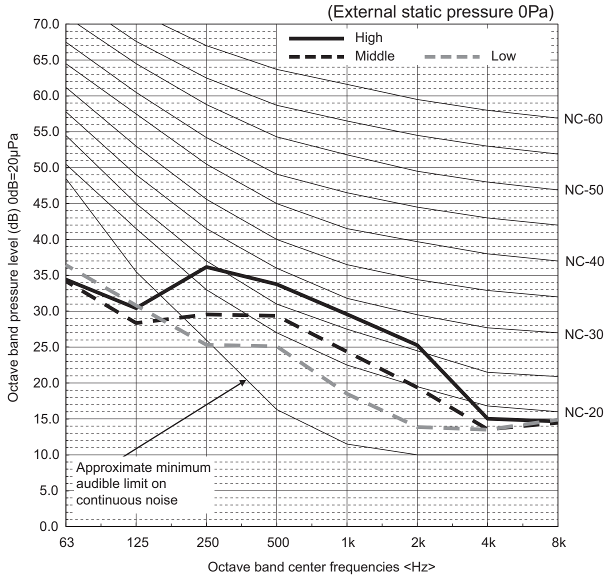


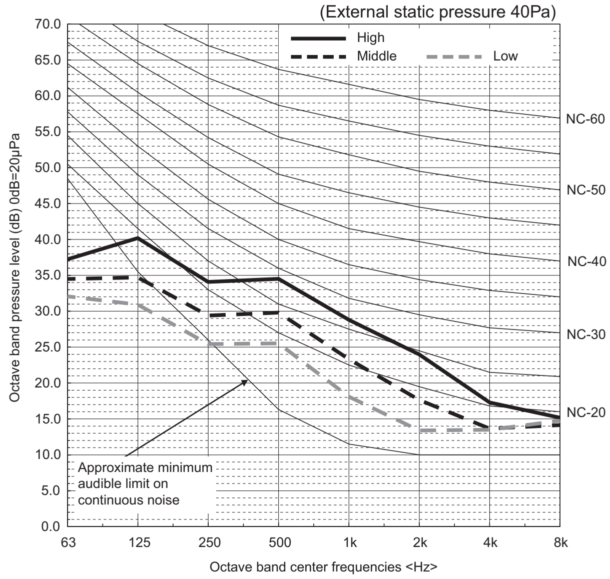


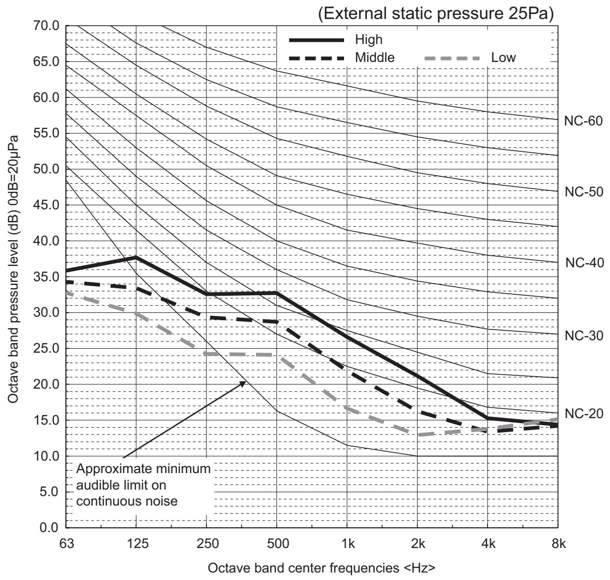


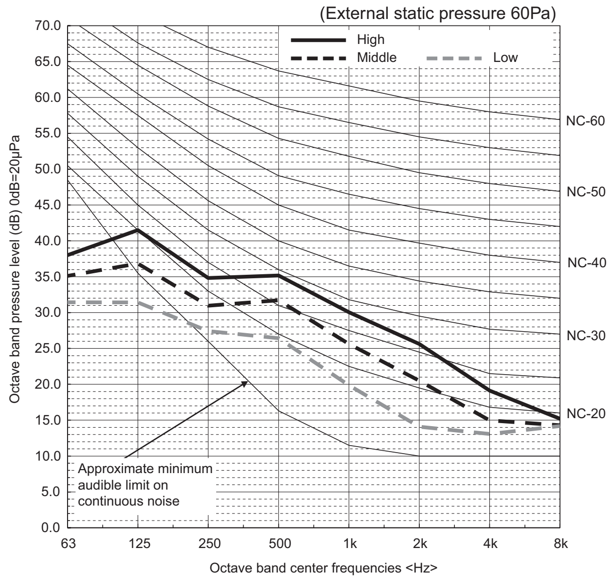


SFZ-M35VA

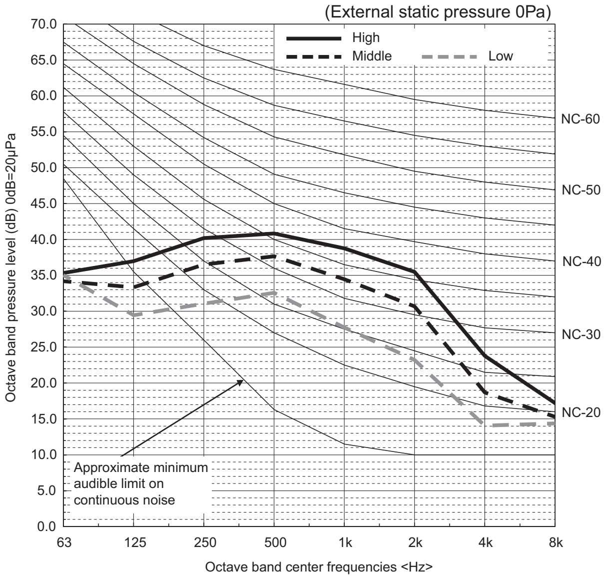

(External static pressure 0Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>


(External static pressure 40Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

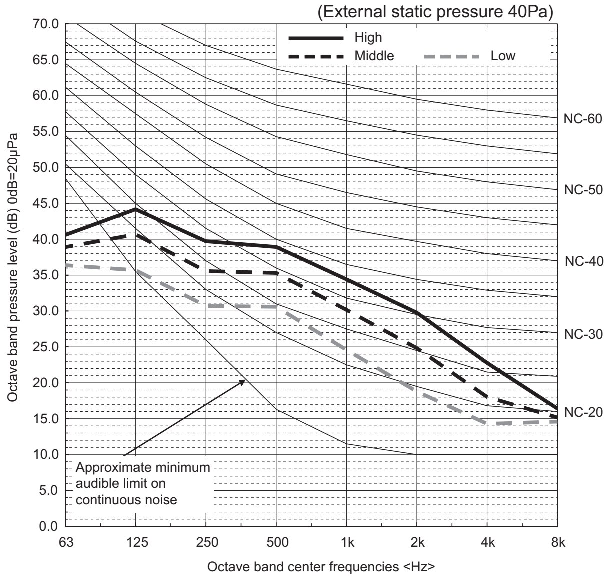

(External static pressure 25Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>


(External static pressure 60Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

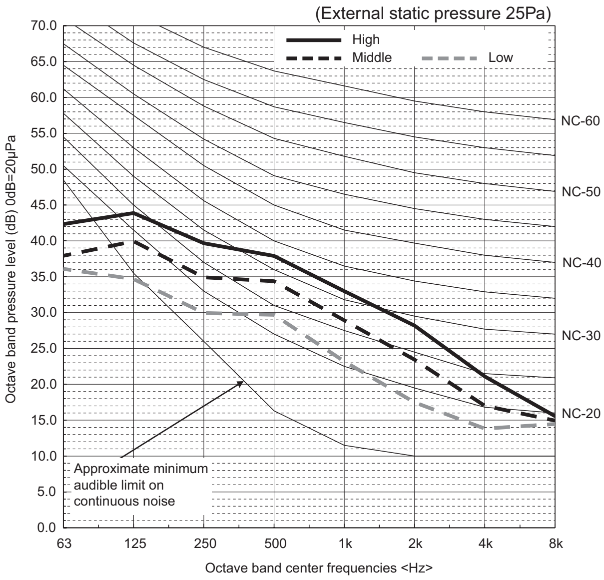
SFZ-M50VA



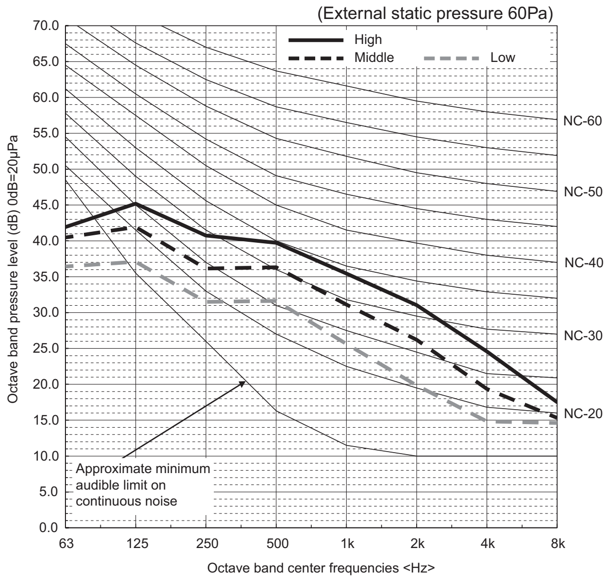
(External static pressure 0Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>



(External static pressure 40Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

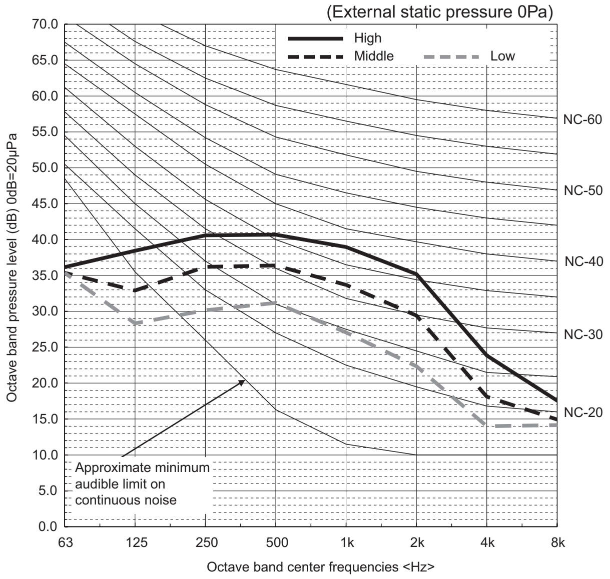


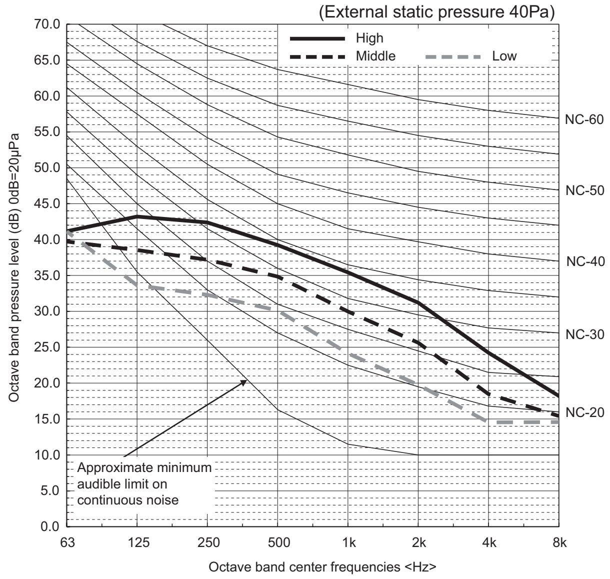
(External static pressure 25Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

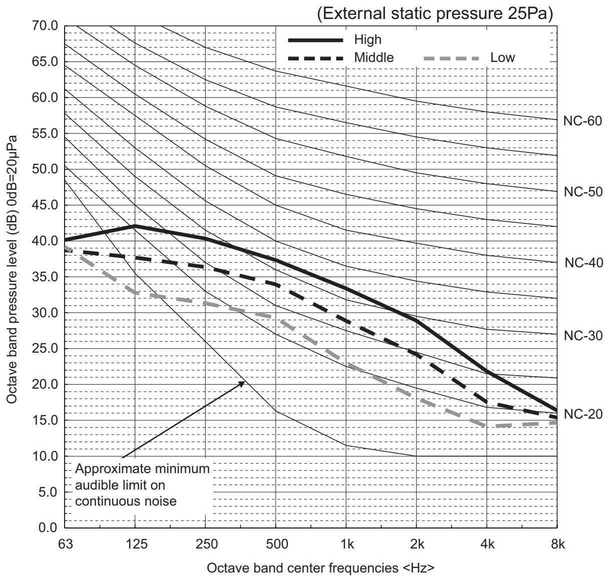


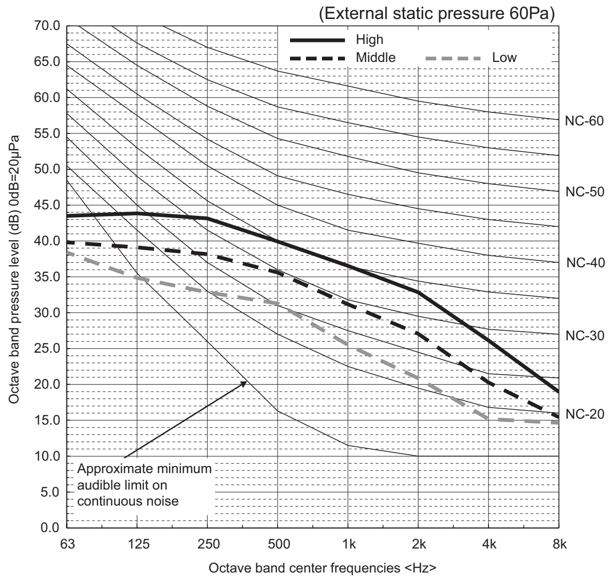
(External static pressure 60Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

SFZ-M60VA

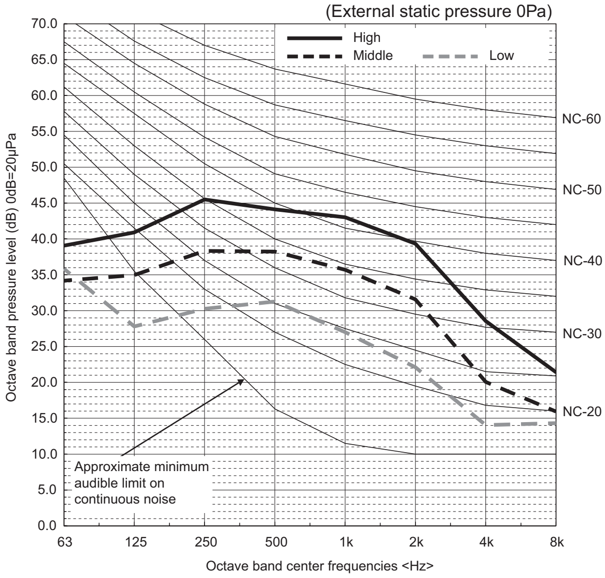

(External static pressure 0Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20µPa
Octave band center frequencies <Hz>
63
125
250
500
1k
2k
4k
8k

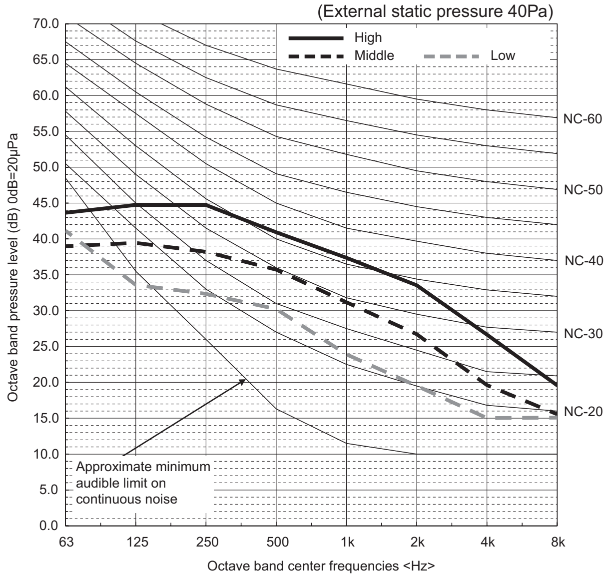

(External static pressure 40Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20µPa
Octave band center frequencies <Hz>

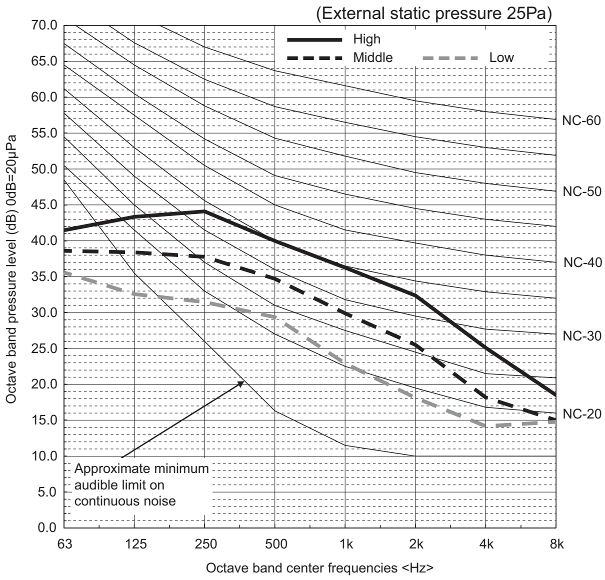

(External static pressure 25Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20µPa
Octave band center frequencies <Hz>

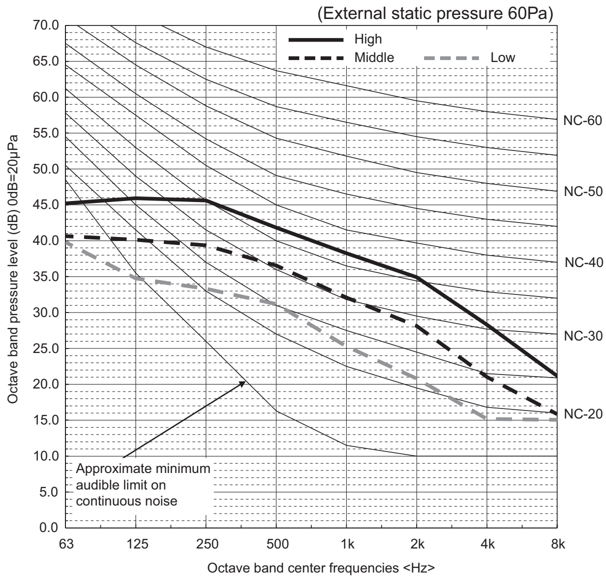

(External static pressure 60Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20µPa
Octave band center frequencies <Hz>

SFZ-M71VA


(External static pressure 0Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

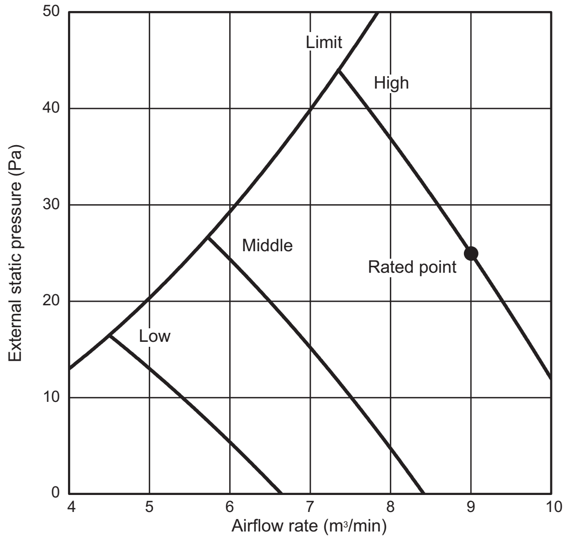

(External static pressure 40Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>


(External static pressure 25Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

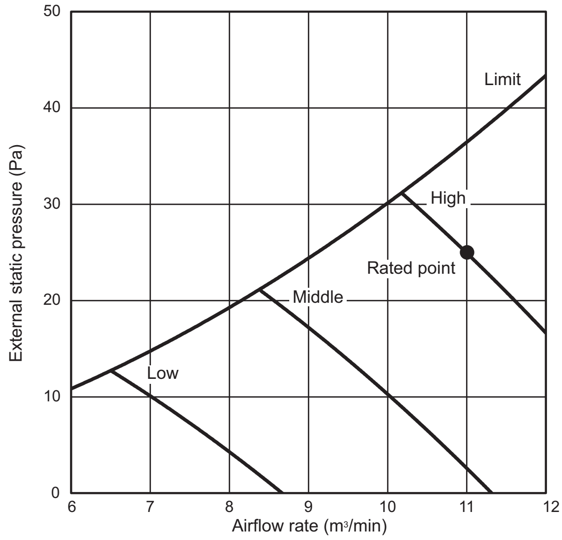

(External static pressure 60Pa)
High
Middle
Low
NC-60
NC-50
NC-40
NC-30
NC-20
Approximate minimum audible limit on continuous noise
Octave band pressure level (dB) 0dB=20μPa
Octave band center frequencies <Hz>

B.3.7 INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

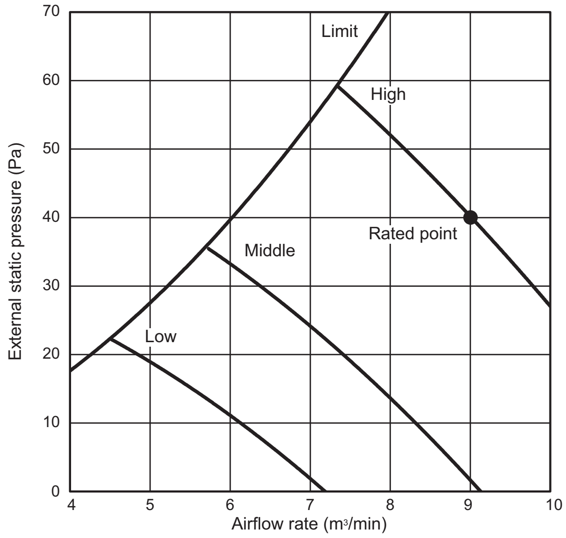
SFZ-M25VA
External static pressure : 25Pa
Power source : 220-240V



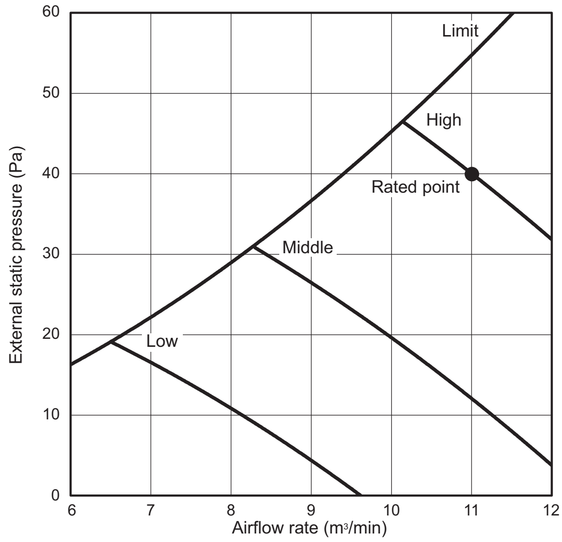
SFZ-M35VA
External static pressure : 25Pa
Power source : 220-240V



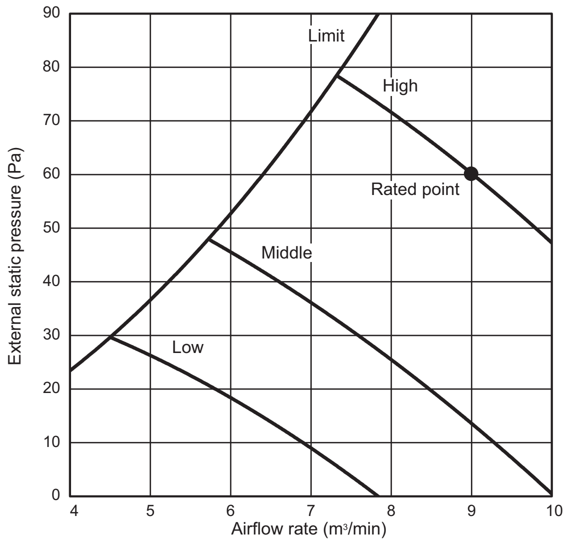
SFZ-M25VA
External static pressure : 40Pa
Power source : 220-240V



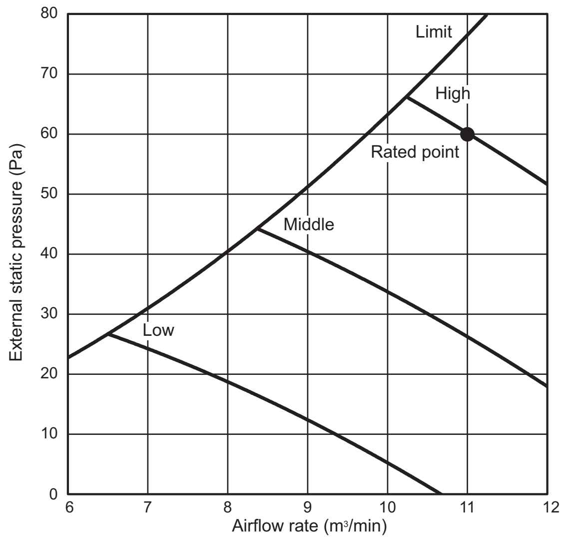
SFZ-M35VA
External static pressure : 40Pa
Power source : 220-240V



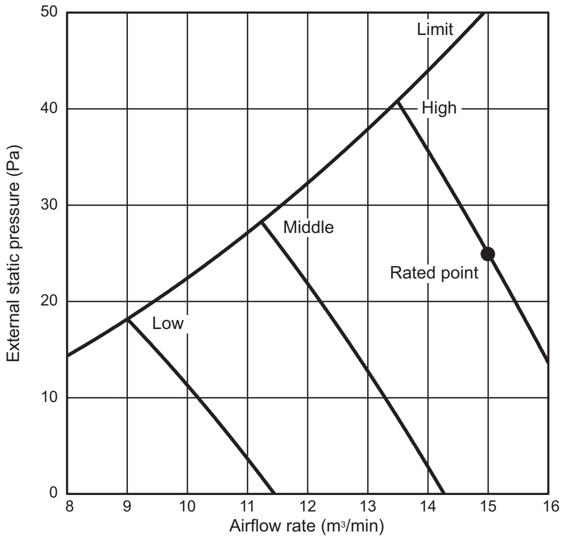
SFZ-M25VA
External static pressure : 60Pa
Power source : 220-240V



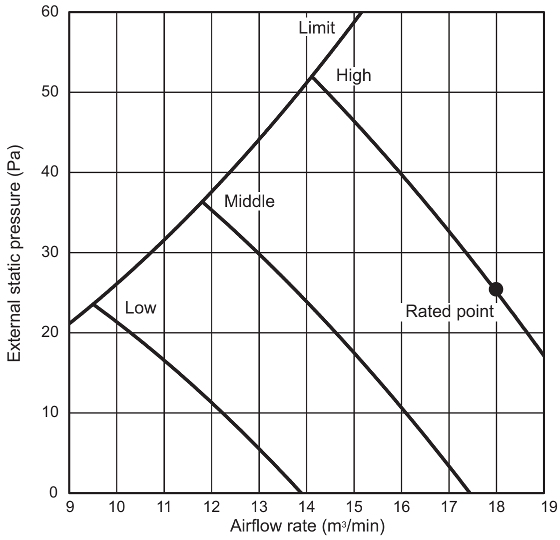
SFZ-M35VA
External static pressure : 60Pa
Power source : 220-240V



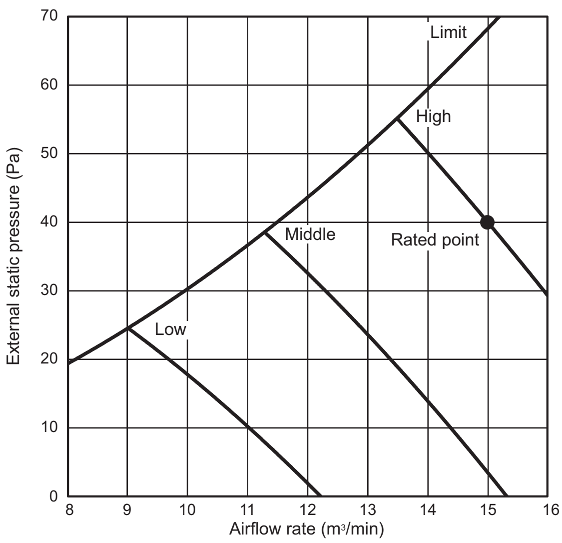
SFZ-M50VA
External static pressure : 25Pa
Power source : 220-240V



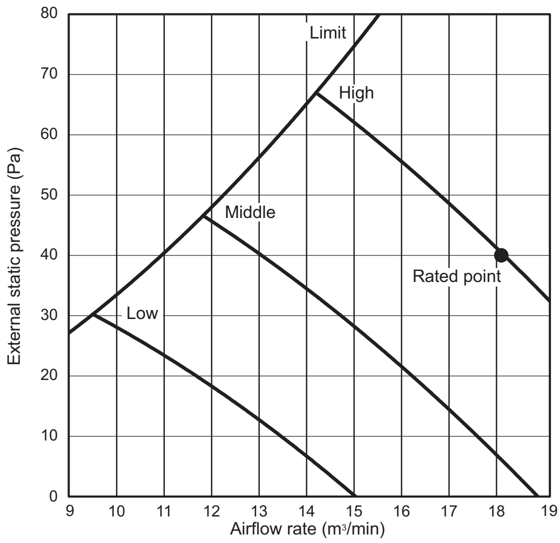
SFZ-M60VA
External static pressure : 25Pa
Power source : 220-240V



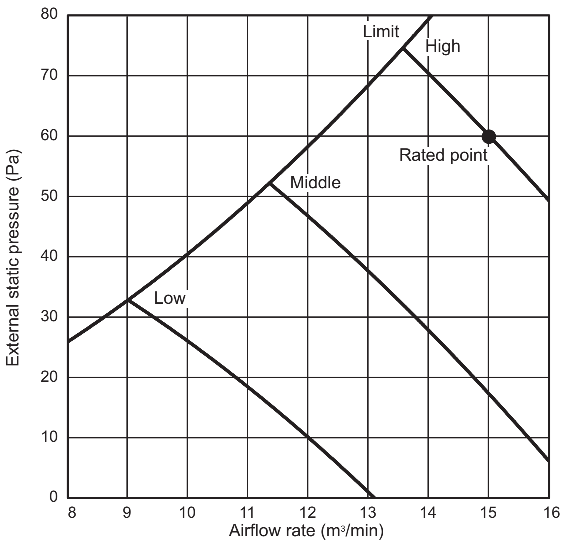
SFZ-M50VA
External static pressure : 40Pa
Power source : 220-240V



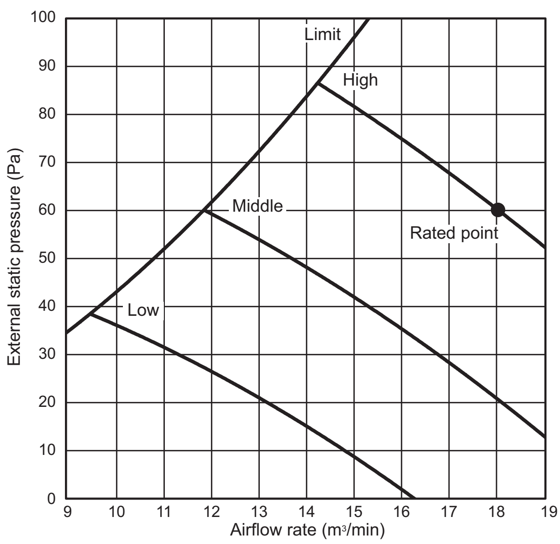
SFZ-M60VA
External static pressure : 40Pa
Power source : 220-240V



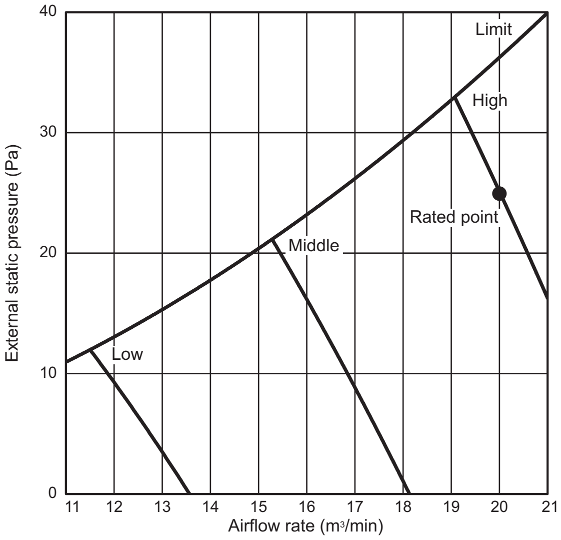
SFZ-M50VA
External static pressure : 60Pa
Power source : 220-240V



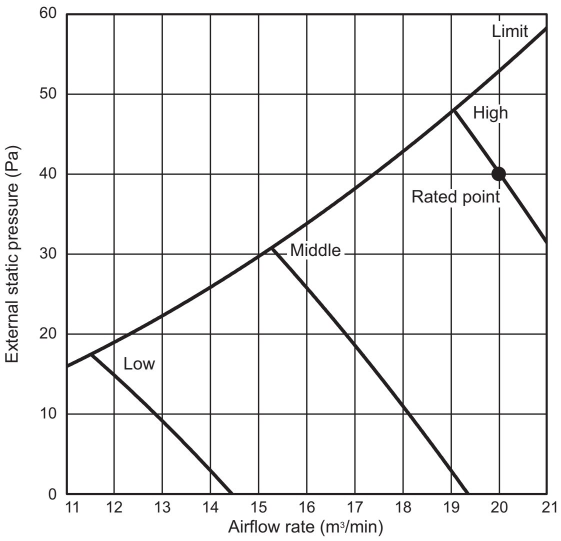
SFZ-M60VA
External static pressure : 60Pa
Power source : 220-240V



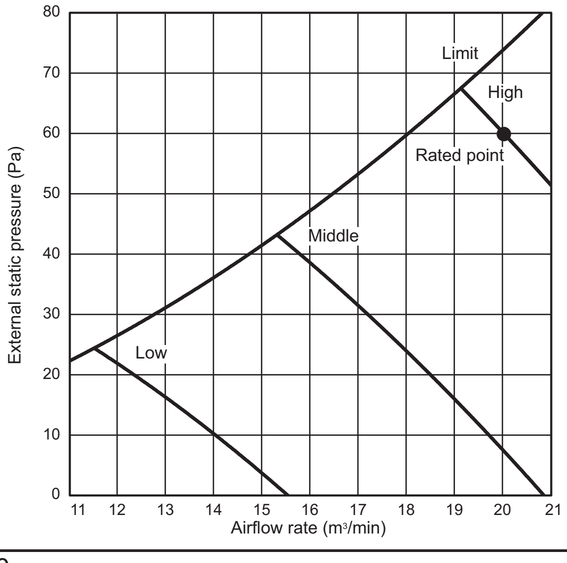
SFZ-M71VA
External static pressure : 25Pa
Power source : 220-240V



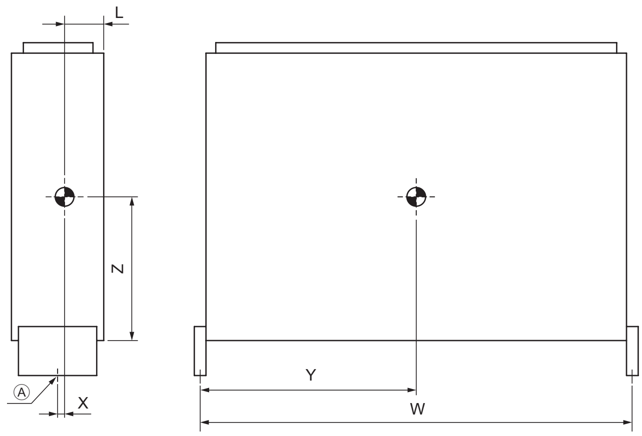
SFZ-M71VA
External static pressure : 40Pa
Power source : 220-240V



SFZ-M71VA
External static pressure : 60Pa
Power source : 220-240V



B.3.8 CENTER OF GRAVITY POSITION



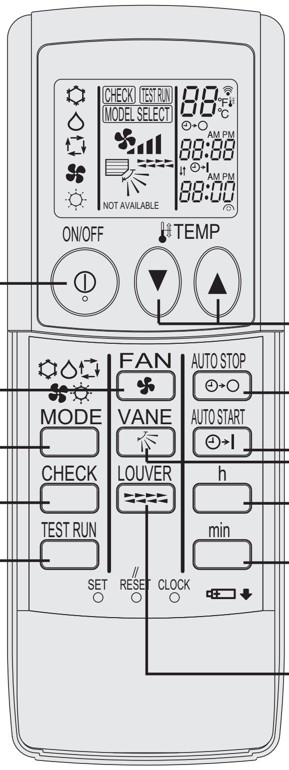
Model name	W (mm)	L (mm)	X (mm)	Y (mm)	Z (mm)	Product weight (kg)
SFZ-M25	730	95	5	365	290	19
SFZ-M35	930	95	5	495	300	22.5
SFZ-M50	930	95	5	495	300	22.5
SFZ-M60	1130	95	5	615	320	26
SFZ-M71	1130	95	5	615	320	26

Ⓐ Floor hole for fixing

B.3.9 REMOTE CONTROLLER

B.3.9.1 WIRELESS REMOTE CONTROLLER (option) [PAR-SL97A-E]

● Operation buttons



ON/OFF button
Pushing button starts operation.
Pushing again stops operation.

FAN SPEED button
This button is used to set fan speed to low, medium or high.

MODE SELECT button
This button is used to change between auto, cooling, heating and drying operation modes.

CHECK button

TEST RUN button

SET TEMPERATURE button
SET TEMPERATURE button sets and any desired room temperature.

AUTO STOP/AUTO START button
Used for selecting timed starting or stopping.

VANE CONTROL button
Used to change the airflow direction.

h button
Used for setting the current time.

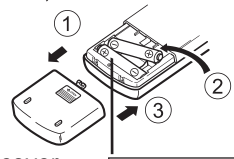
min button
Used for setting the current time.

LOUVER button
Used for adjusting the airflow direction.

- ● When using the wireless remote controller, point it towards the receiver on the indoor unit.
- ● If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
- ● The indoor unit beeps to confirm that the signal transmitted from the remote controller has been received. Signals can be received up to approximately 7 meters in a direct line from the indoor unit in an area 45° to the left and right of the unit. However, illumination such as fluorescent lights and strong light can affect the ability of the indoor unit to receive signals.
- ● If the operation lamp near the receiver on the indoor unit is flashing, the unit needs to be inspected. Consult your dealer for service.
- ● Handle the remote controller carefully. Do not drop the remote controller or subject it to strong shocks. In addition, do not get the remote controller wet or leave it in a location with high humidity.
- ● To avoid misplacing the remote controller, install the holder included with the remote controller on a wall and be sure to always place the remote controller in the holder after use.

Battery installation/replacement

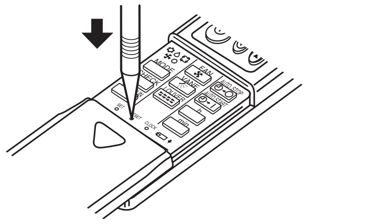
1. Remove the top cover, insert two AAA batteries, and then install the top cover.



Top cover

Two AAA batteries
Insert the negative (–) end of each battery first. Install the batteries in the correct directions (+, –).

2. Press the Reset button

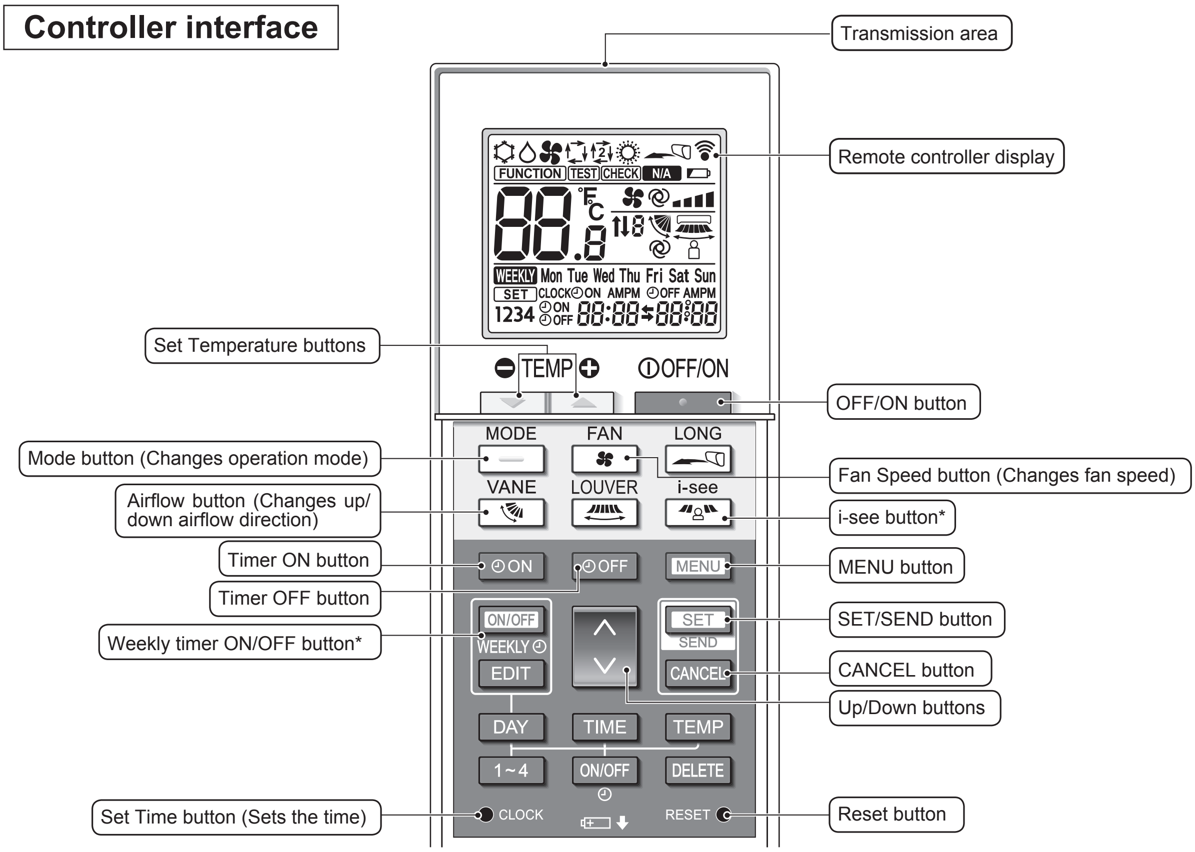


Press the Reset button with an object that has a narrow end.

[PAR-SL101A-E]

When cover is open

Controller interface



Note:
* **This button is enabled or disabled depending on the model of the indoor unit.**

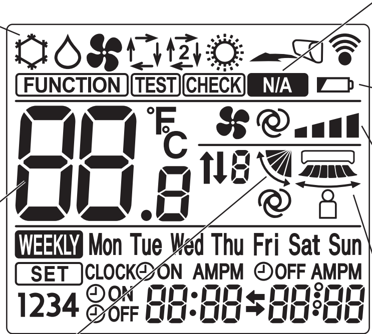
Display

Operation mode

- Cool
- Dry
- Fan
- Auto (single set point)
- Heat
- Auto* (dual set point)

* Refer to 5.4. in the installation manual.

Temperature setting
The units of temperature can be changed. For details, refer to the Installation Manual.



Not available
Appears when a non-supported function is selected.

Battery replacement indicator
Appears when the remaining battery power is low.

Fan speed setting
The symbols differ depending on models.
Auto

3D i-see sensor (Air distribution)
Default → Direct → Indirect
When Direct or Indirect is selected, the vane setting is set to "Auto".

Vane setting
Step 1 → Step 2 → Step 3 → Step 4 → Step 5 → Swing → Auto

B.4 OUTDOOR UNIT (SUZ)

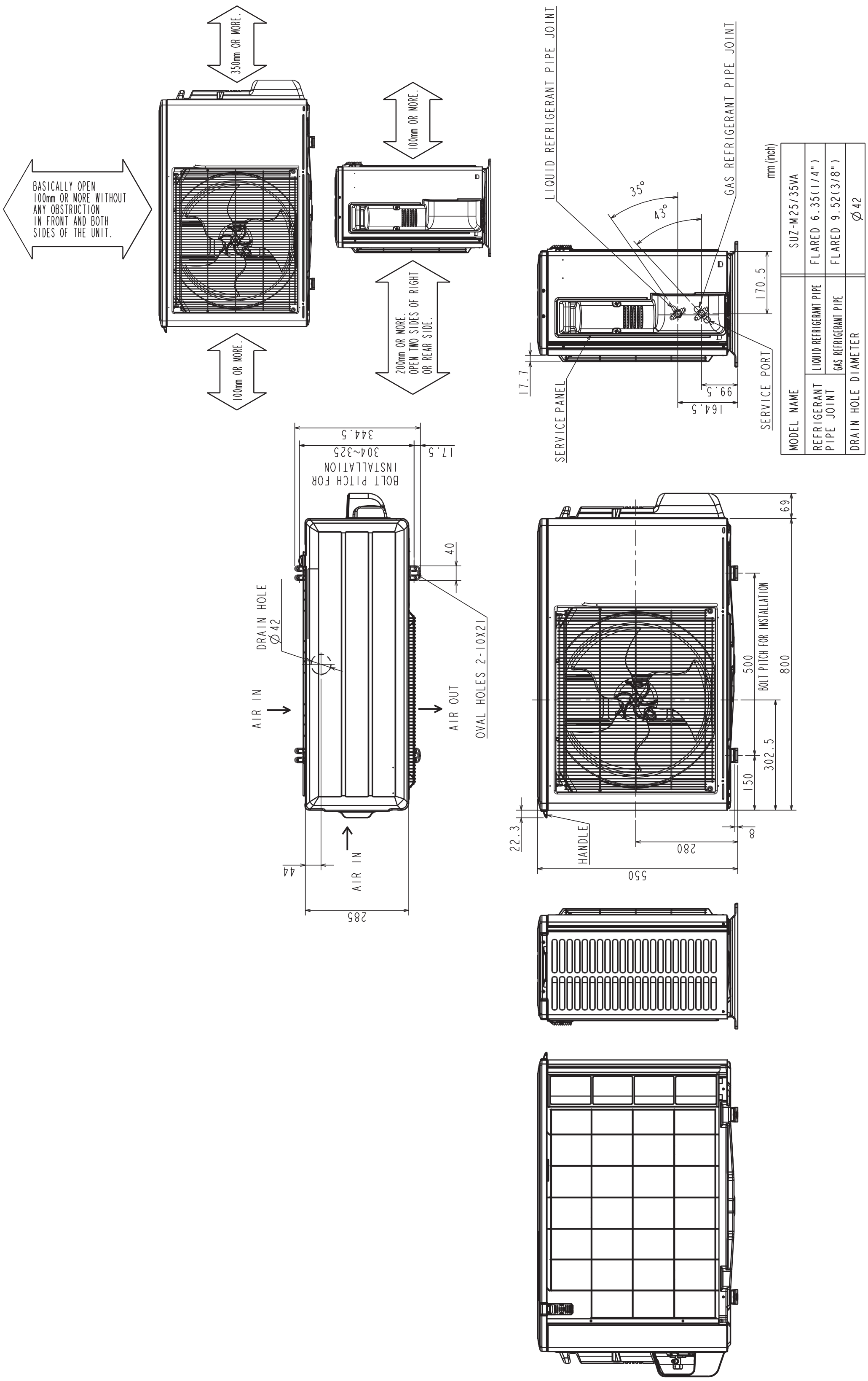
OUTDOOR
UNIT

B.4.1 OUTLINES AND DIMENSIONS

Unit : mm

SUZ-M25VA
SUZ-M35VA

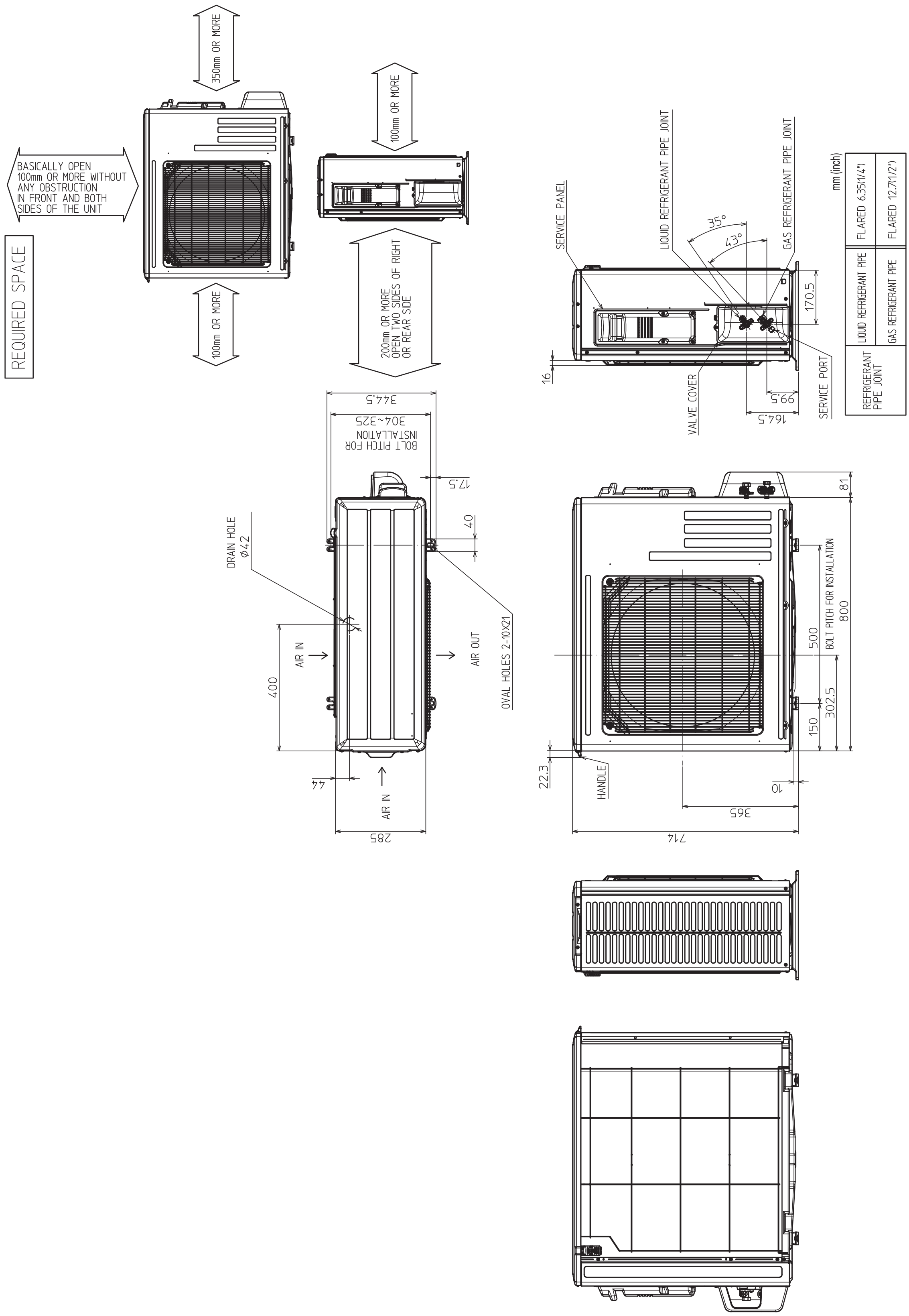
OUTDOOR UNIT



SUZ-M50VA

Unit: mm

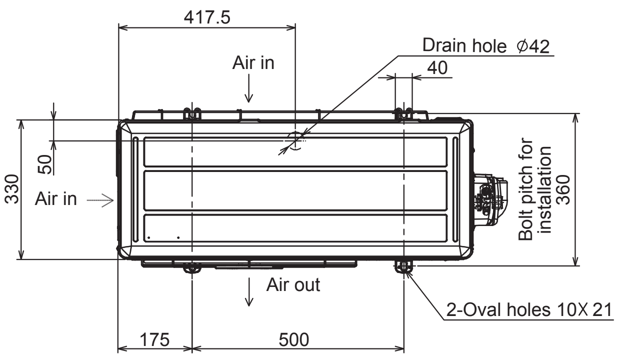
OUTDOOR UNIT

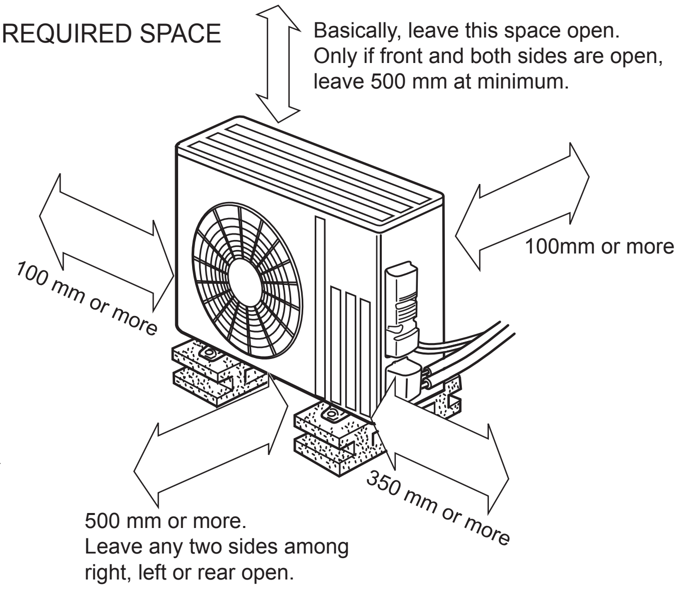


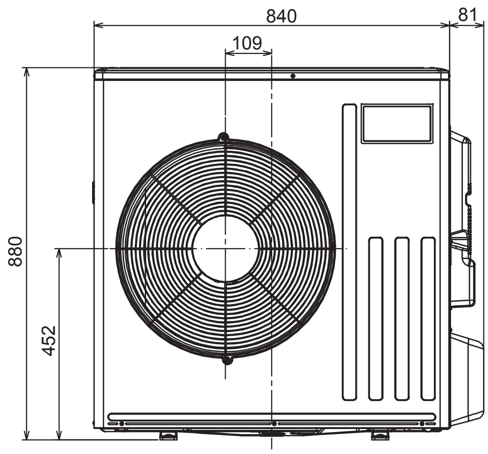
SUZ-M60VA
SUZ-M71VA

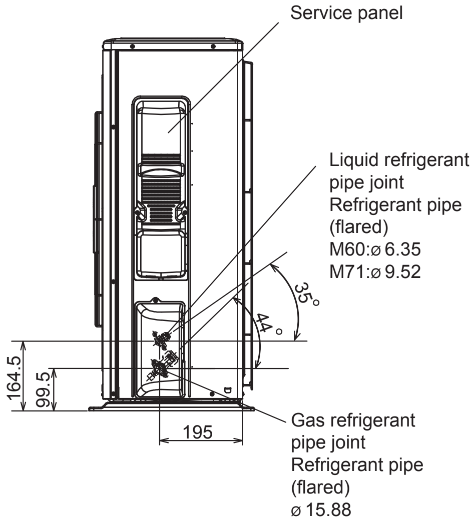
Unit: mm

OUTDOOR UNIT





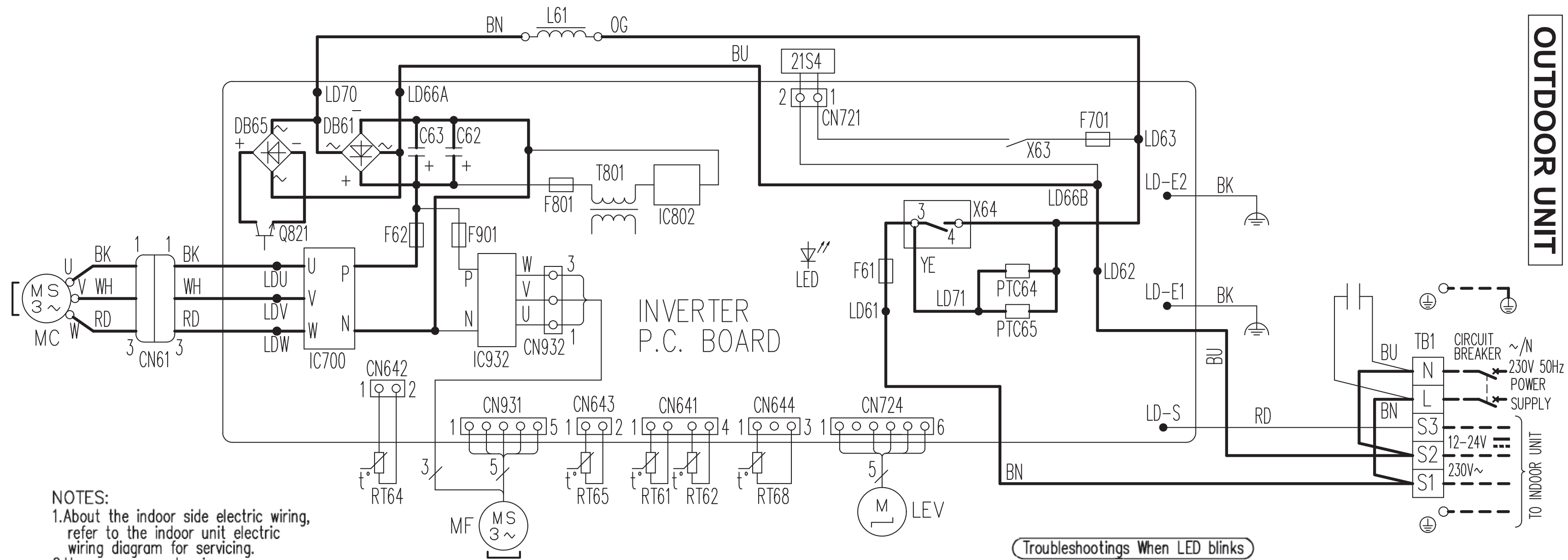




B.4.2 WIRING DIAGRAM

SUZ-M25VA

OUTDOOR UNIT



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

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C62,C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61,DB65	DIODE MODULE	MC	COMPRESSOR		
F61	FUSE (25A 250V)	MF	FAN MOTOR	TB1	TERMINAL BLOCK
F62	FUSE (15A 250V)	PTC64,PTC65	CIRCUIT PROTECTION	T801	TRANSFORMER
F701,F801,F901	FUSE (T3.15AL250V)	Q821	SWITCHING POWER TRANSISTOR	X63,X64	RELAY
IC700,IC932	POWER MODULE	RT61	DEFROST THERMISTOR	21S4	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between its plus (+) and minus (−) terminals when measured with a tester ten minutes after the power has been turned off.
Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury.
In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect the plus (+) and minus (−) terminals with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

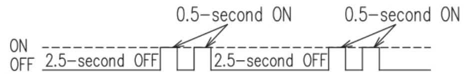
	Item	Symptom	Corresponds
①	Power supply	No 230V AC between S1 and S2 of TERMINAL BLOCK	The check of wiring of connecting the indoor unit and outdoor unit
②	Fuse	Blown	Repl ae the INVERTER P.C. BOARD
③	Power for main circuit	No 325V DC between P and N of IC700	Repl ae the INVERTER P.C. BOARD
④	Inverter output	Voltages (AC) between wires (U, V, W) differ when the unit is operated with CN61 disconnected	1.Check the connector is connected certainly 2.Repl ae the INVERTER P.C. BOARD
⑤	LED display (In case that compressor is not in operation)	Lit	Normal
		Blinking	Abnormal or protective shutdown (Refer to "Troubleshootings When LED blinks" mentioned in right)
		Goes out	Repl acethe INVERTER P.C. BOARD

Troubleshootings When LED blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
3 times	Protection for overheat of discharge temperature	1.Charge refrigerant 2.Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1.Check air circulation in outdoor unit (Short cycle) 2.Check outdoor fan motor 3.Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1.Check refrigerant circuit (Clogging, etc.) 2.Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1.Reconnect compressor connector 2.Check compressor 3.Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1.Reconnect connectors for fan motor 2.Check outdoor INVERTER P.C. BOARD 3.Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1.Check reversing valve 2.Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

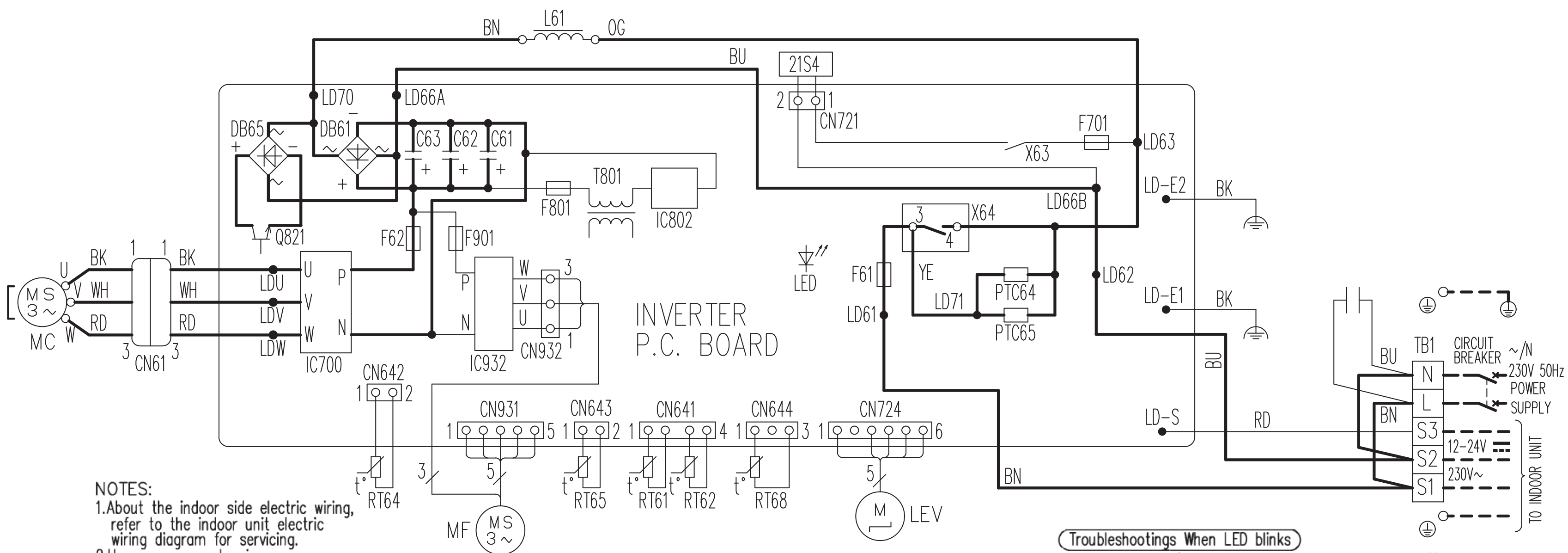
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
(Example) When the blinking frequency is "Twice"



* For details, refer to the appropriate SERVICE MANUAL.

SUZ-M35VA

OUTDOOR UNIT



NOTES:
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DB61, DB65	DIODE MODULE	MC	COMPRESSOR		
F61	FUSE (25A 250V)	MF	FAN MOTOR	TB1	TERMINAL BLOCK
F62	FUSE (15A 250V)	PTC64, PTC65	CIRCUIT PROTECTION	T801	TRANSFORMER
F701, F801, F901	FUSE (T3.15AL250V)	Q821	SWITCHING POWER TRANSISTOR	X63, X64	RELAY
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR	21S4	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

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Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between its plus (+) and minus (−) terminals when measured with a tester ten minutes after the power has been turned off.
Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury.
In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect the plus (+) and minus (−) terminals with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

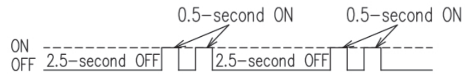
	Item	Symptom	Corresponds
①	Power supply	No 230V AC between S1 and S2 of TERMINAL BLOCK	The check of wiring of connecting the indoor unit and outdoor unit
②	Fuse	Blown	Repl ce the INVERTER P.C. BOARD
③	Power for main circuit	No 325V DC between P and N of IC700	Repl ce the INVERTER P.C. BOARD
④	Inverter output	Voltages (AC) between wires (U, V, W) differ when the unit is operated with CN61 disconnected	1.Check the connector is connected certainly 2.Repl ce the INVERTER P.C. BOARD
⑤	LED display (In case that compressor is not in operation)	Lit	Normal
		Blinking	Abnormal or protective shutdown (Refer to "Troubleshootings When LED blinks" mentioned in right)
		Goes out	Repl acethe INVERTER P.C. BOARD

Troubleshootings When LED blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
3 times	Protection for overheat of discharge temperature	1.Charge refrigerant 2.Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1.Check air circulation in outdoor unit (Short cycle) 2.Check outdoor fan motor 3.Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1.Check refrigerant circuit (Clogging, etc.) 2.Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1.Reconnect compressor connector 2.Check compressor 3.Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1.Reconnect connectors for fan motor 2.Check outdoor INVERTER P.C. BOARD 3.Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1.Check reversing valve 2.Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

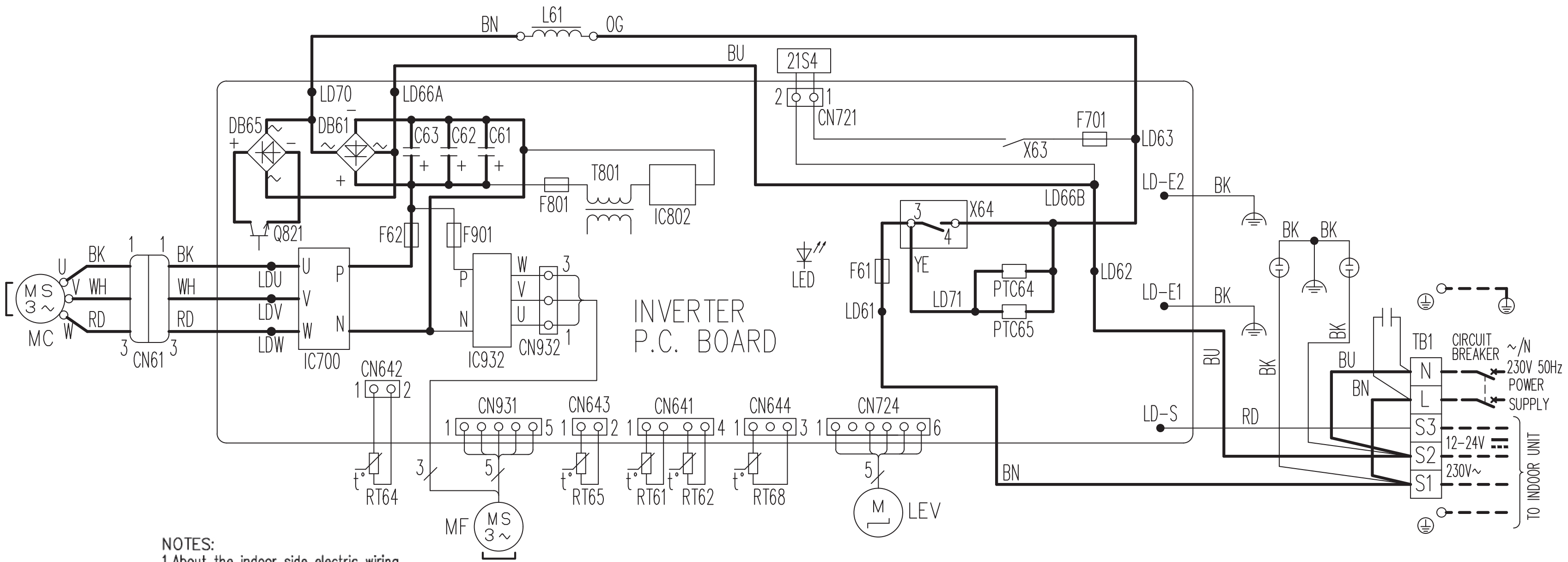
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
(Example) When the blinking frequency is "Twice"



* For details, refer to the appropriate SERVICE MANUAL.

SUZ-M50VA

OUTDOOR UNIT



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

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61, DB65	DIODE MODULE	MC	COMPRESSOR		
F61	FUSE (25A 250V)	MF	FAN MOTOR	TB1	TERMINAL BLOCK
F62	FUSE (15A 250V)	PTC64, PTC65	CIRCUIT PROTECTION	T801	TRANSFORMER
F701, F801, F901	FUSE (T3.15AL250V)	Q821	SWITCHING POWER TRANSISTOR	X63, X64	RELAY
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR	21S4	REVERSING VALVE COIL
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10 V DC between its plus (+) and minus (−) terminals when measured with a tester ten minutes after the power has been turned off.
Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury.
In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10 V DC, connect the plus (+) and minus (−) terminals with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

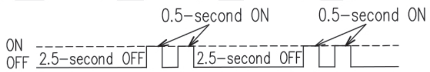
	Item	Symptom	Corresponds
①	Power supply	No 230V AC between S1 and S2 of TERMINAL BLOCK	The check of wiring of connecting the indoor unit and outdoor unit
②	Fuse	Blown	Replace the INVERTER P.C. BOARD
③	Power for main circuit	No 325 VDC between P and N of IC700	Replace the INVERTER P.C. BOARD
④	Inverter output	Voltages (AC) between wires (U, V, W) differ when the unit is operated with CN61 disconnected	1. Check the connector is connected certainly 2. Replace the INVERTER P.C. BOARD
⑤	LED display (In case that compressor is not in operation)	Lit	Normal
		Blinking	Abnormal or protective shutdown (Refer to "Troubleshootings When LED blinks" mentioned in right)
		Goes out	Replace the INVERTER P.C. BOARD

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	Troubleshooting: Corresponds
Once	Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
3 times	Protection for overheat of discharge temperature	1. Charge refrigerant 2. Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1. Check air circulation in outdoor unit (Short cycle) 2. Check outdoor fan motor 3. Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1. Check refrigerant circuit (Clogging, etc.) 2. Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1. Reconnect compressor connector 2. Check compressor 3. Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1. Reconnect connectors for fan motor 2. Check outdoor INVERTER P.C. BOARD 3. Check outdoor fan motor
11 times	Protection for stop valve (Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

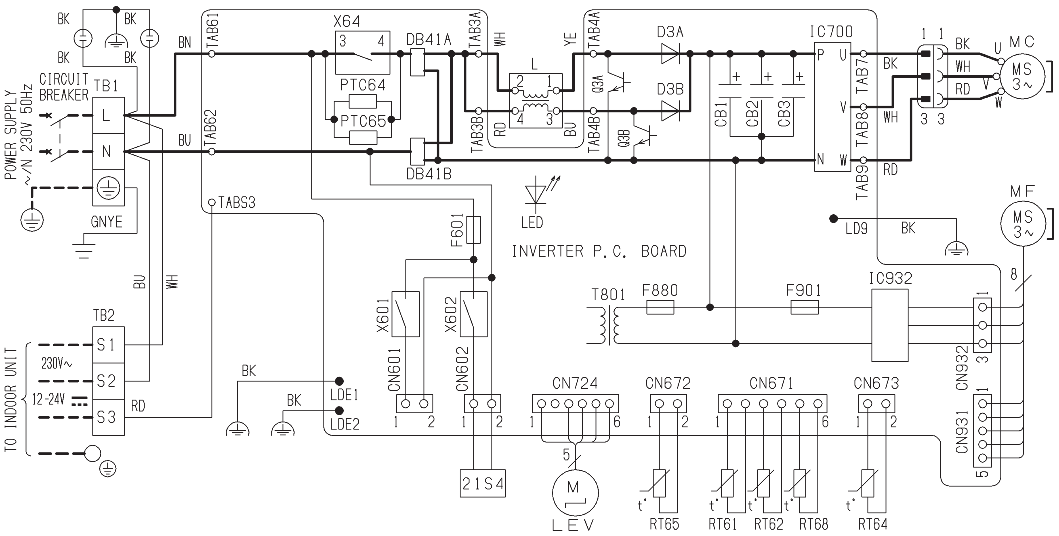
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
(Example) When the blinking frequency is "Twice"



* For details, refer to the appropriate SERVICE MANUAL.

SUZ-M60VA
SUZ-M71VA

OUTDOOR UNIT



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 (T3.15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F880	FUSE (T3.15AL250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3.15AL250V)	PTC64, PTC65	CIRCUIT PROTECTION				
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2. Use copper supply wires. 3. Symbols indicate, [ ] :Terminal block ◎◎◎ :Connector

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 (while compressor is not in operation.)	Lit	Normal
		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.

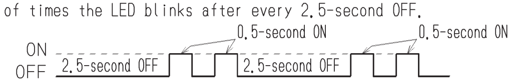
* For details, refer to the appropriate service manual.

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	Troubleshooting: 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
	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
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
	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".

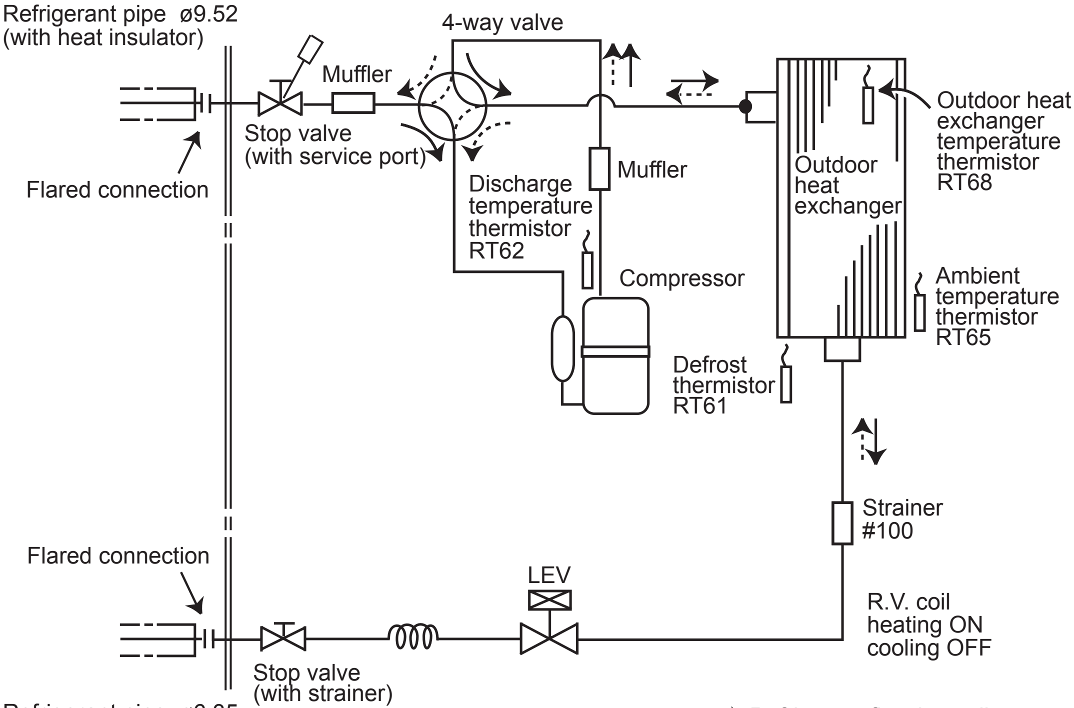


B.4.3 REFRIGERANT SYSTEM DIAGRAM

SUZ-M25VA
SUZ-M35VA

Unit: mm

OUTDOOR UNIT

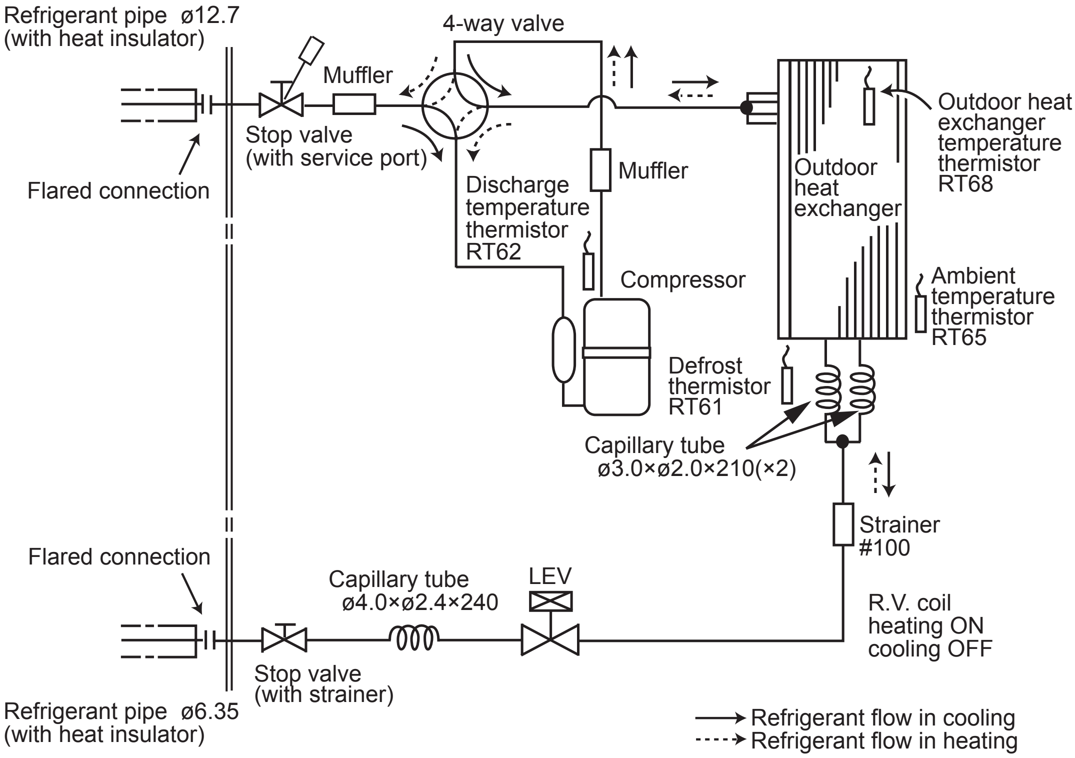


Capillary tube	
SUZ-M25VA	Φ4.0×Φ2.4×240
SUZ-M35VA	Φ3.0×Φ2.0×240

SUZ-M50VA

Unit: mm

OUTDOOR UNIT

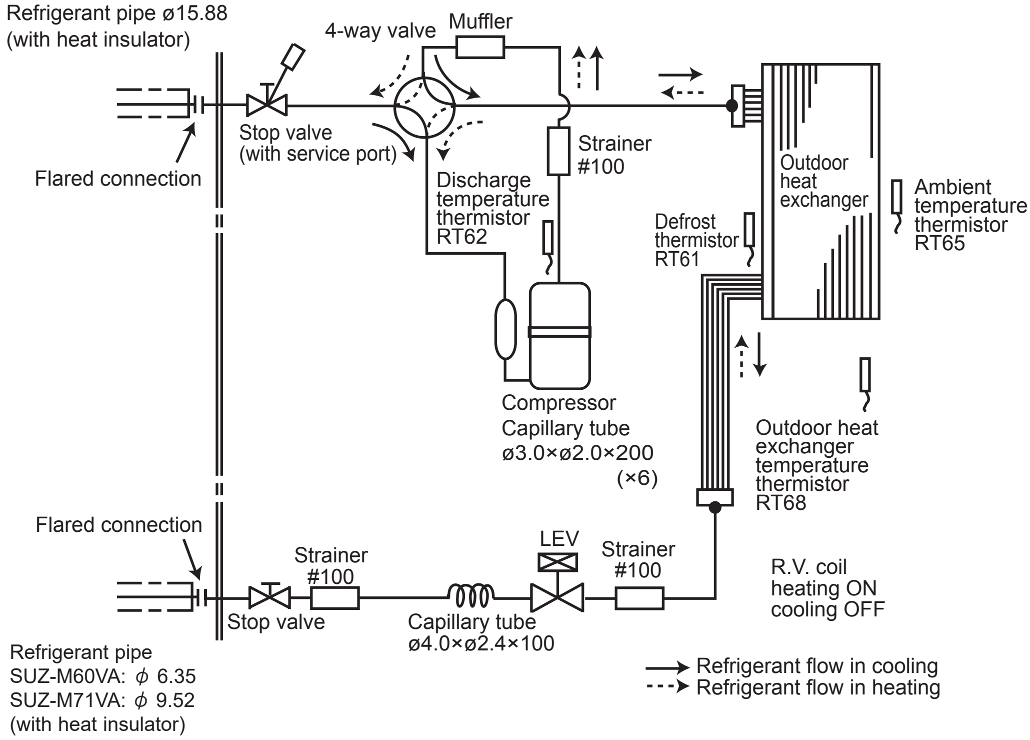


OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

SUZ-M60VA
SUZ-M71VA

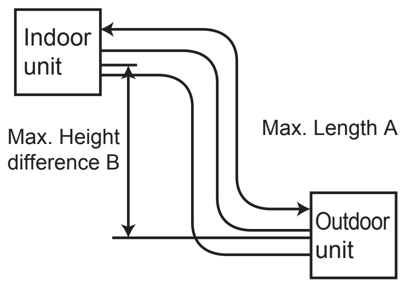
Unit: mm

OUTDOOR UNIT



MAX.REFRIGERANT PIPING LENGTH

Model	Refrigerant piping:m		Refrigerant piping:m	
	Max.LengthA	Max.Height difference B	Gas	Liguid
SUZ-M25VA	20	12	9.52	6.35
SUZ-M35VA				
SUZ-M50VA	30	30	12.7	
SUZ-M60VA			15.88	
SUZ-M71VA				9.52



ADDITINAL REFRIGERANT CHARGE(R32:g)

Model	Out door unit precharged	Refrigerant piping length			
		7m	10m	15m	20m
SUZ-M25VA	650	0	60	160	260
SUZ-M35VA	900	0	60	160	260

Calculation:xg=30g/mx(Refrigerant piping leng(m) -7)

Model	Out door unit precharged	Refrigerant piping length					
		7m	10m	15m	20m	25m	30m
SUZ-M50VA	1,200	0	60	160	260	360	460
SUZ-M60VA	1,250	0	60	160	260	360	460

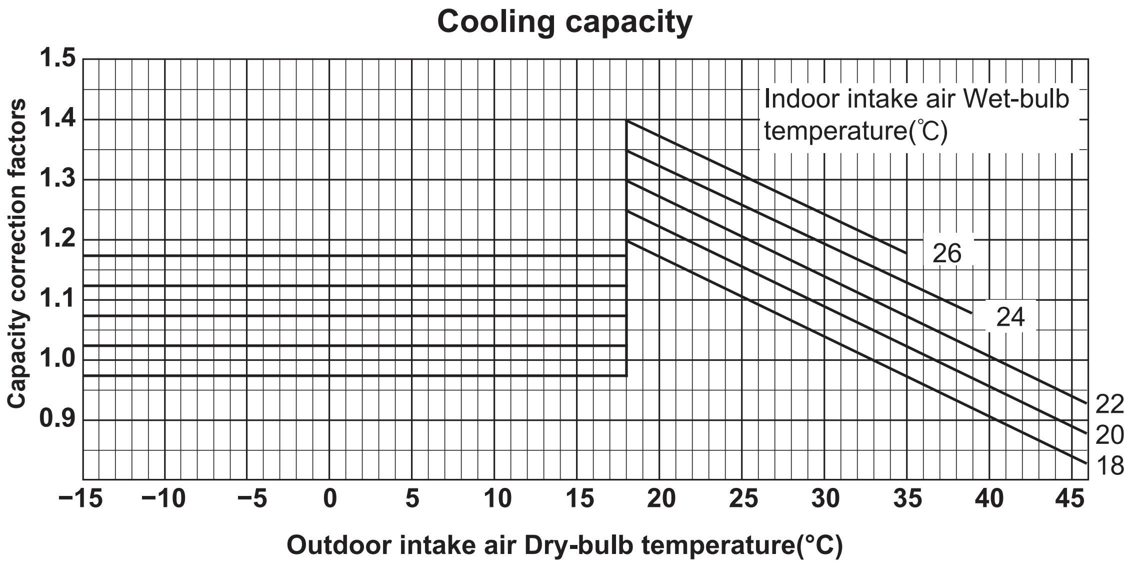
Calculation:xg=20g/mx(Refrigerant piping leng(m) -7)

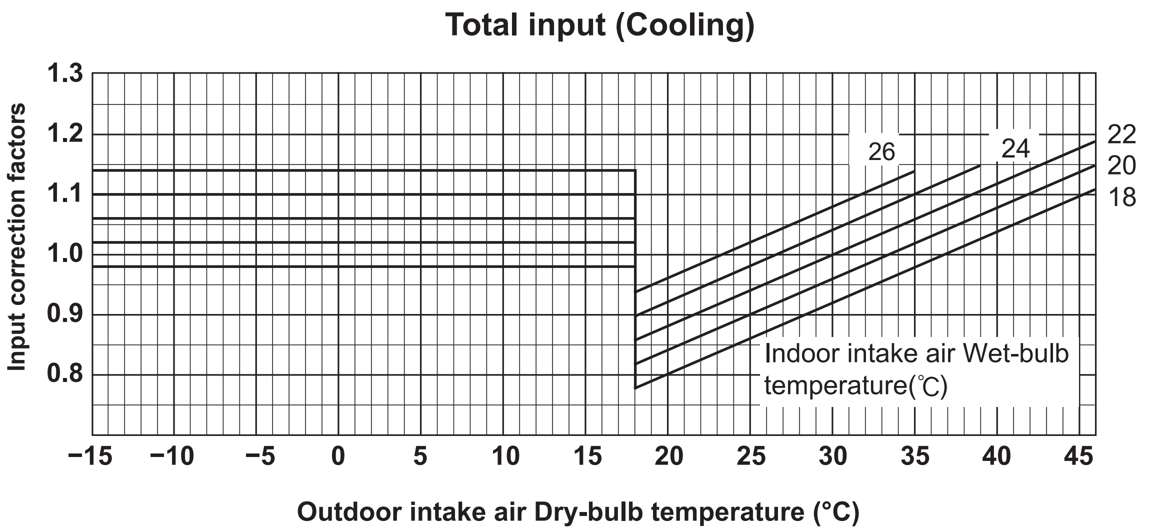
Model	Out door unit precharged	Refrigerant piping length					
		7m	10m	15m	20m	25m	30m
SUZ-M71VA	1,450	0	120	320	520	720	920

Calculation:xg=55g/mx(Refrigerant piping leng(m) -7)

B.4.4 PERFORMANCE CURVES

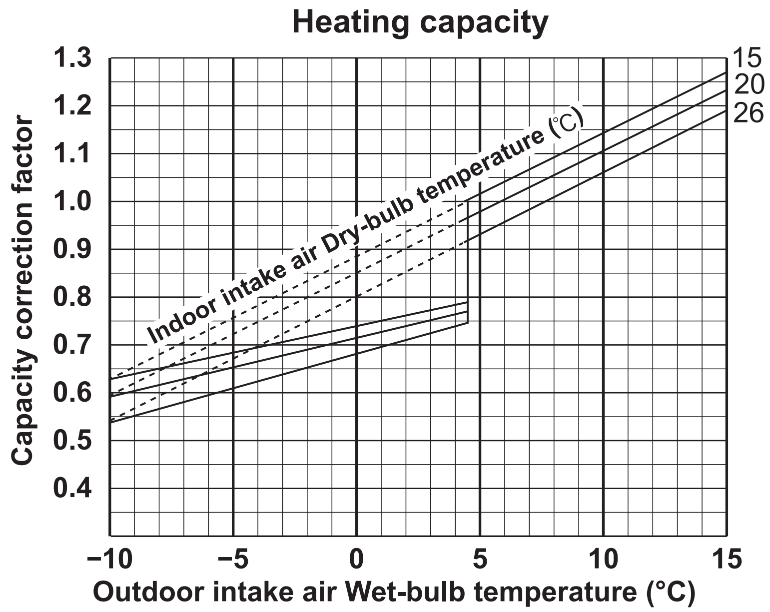
FOR THE COMBINATION OF OUTDOOR UNIT
SUZ-M25VA SUZ-M35VA SUZ-M50VA SUZ-M60VA SUZ-M71VA

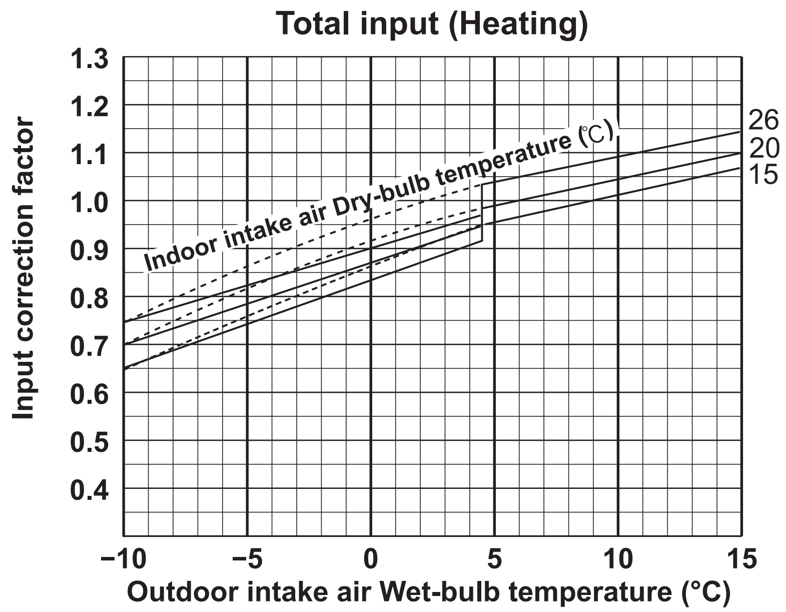




Lower limit of guaranteed operating range in cooling
SUZ-M25,35VA:−10°C
SUZ-M50,60,71VA: −15°C

FOR THE COMBINATION OF OUTDOOR UNIT
SUZ-M25VA SUZ-M35VA SUZ-M50VA SUZ-M60VA SUZ-M71VA

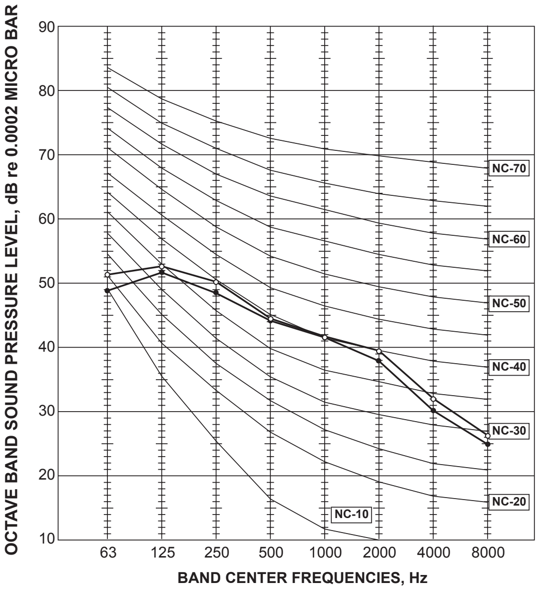




B.4.5 NOISE CRITERIA CURVES

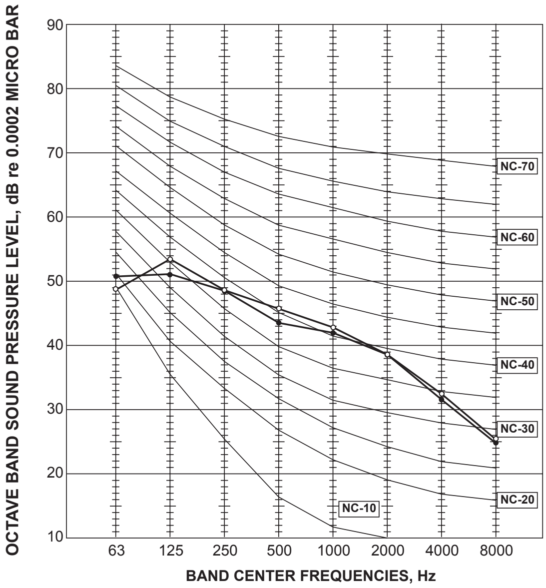
SUZ-M25VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	45	●——●
	HEATING	46	○——○



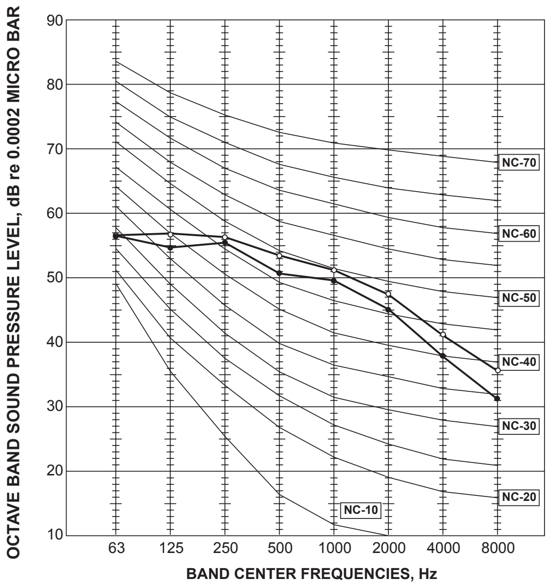
SUZ-M35VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	48	●——●
	HEATING	48	○——○



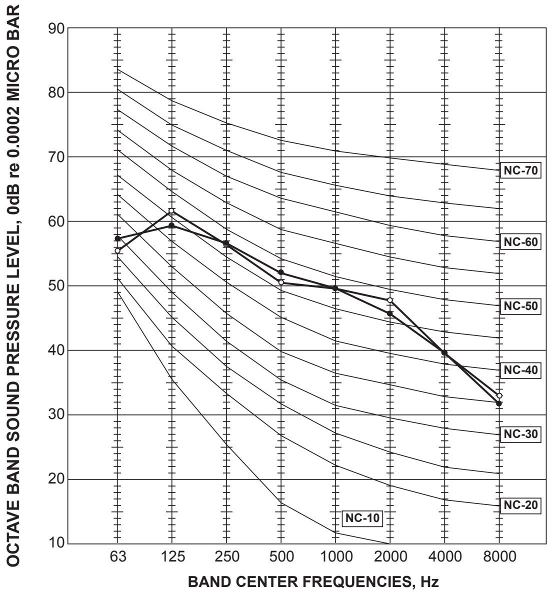
SUZ-M50VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	48	●——●
	HEATING	49	○——○

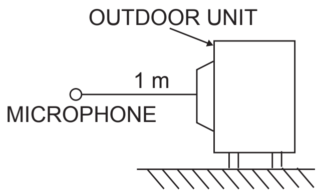


SUZ-M60VA
SUZ-M71VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●——●
	HEATING	51	○——○

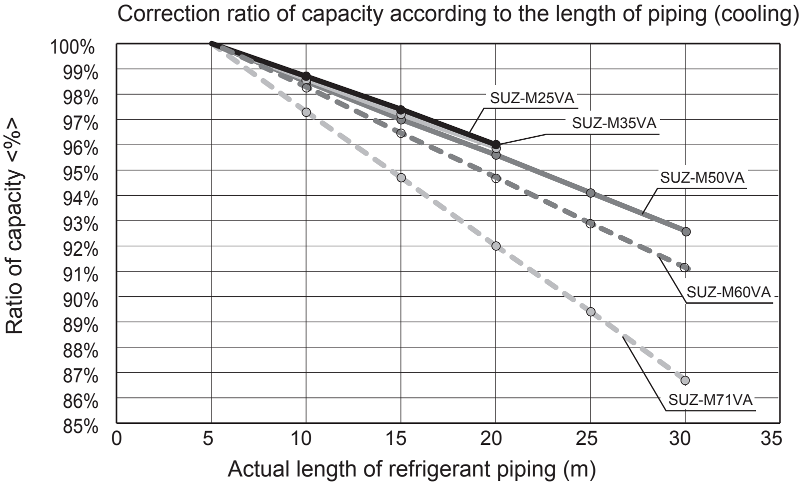


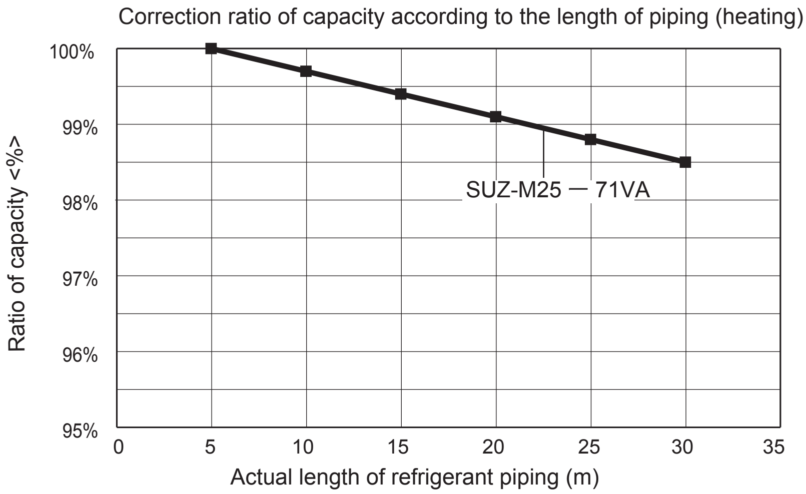
Test conditions
Cooling: Dry-bulb temperature 35°C
Heating: Dry-bulb temperature 7°C
Wet-bulb temperature 6°C



OUTDOOR UNIT
NOISE CRITERIA CURVES

B.4.6 CAPACITY CORRECTION RATIO CURVE PIPING LENGTH





● **Up to 20m for M25,35model.**

The length intended for the capacity calculation, which counts the length of refrigerant piping and the number of bends, is called actual length.

Length of refrigerant piping (m) + (Number of bends × 0.3 m) = Actual length of refrigerant piping (m)

B.4.7 EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-M25VA

3.Specification

(1) Unit mass W= 30 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 mm^2= 78×10^{-6} m^2

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= 250 mm= 0.250 m

(4) The bolt-span from the examination angle L= 325 mm= 0.325 m

(5) The distance between the center of bolt and the center of gravity of the unit Lg= 146 mm (Lg≦L/2)= 0.146 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 294.0 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 147.0 N

(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 80.3 N

(6) The shear forces of the anchor bolt Q=Fh/N= 73.5 N

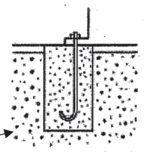
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 1.0 MPa < ft = 176.4 MPa

2.The shearing stress. τ=Q/A= 0.9 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 245.5 MPa

σ = 1.0 MPa < fts= 176.0 MPa



(8) The construction way of the anchor bolt

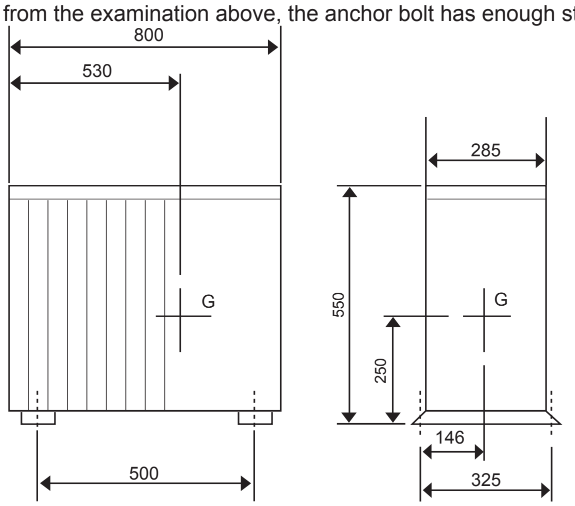
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 80 N

Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-M35VA

3.Specification

(1) Unit mass W= 35 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 mm^2= 78×10^{-6} m^2

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= 245 mm= 0.245 m

(4) The bolt-span from the examination angle L= 325 mm= 0.325 m

(5) The distance between the center of bolt and the center of gravity of the unit Lg= 141 mm(Lg≦L/2)= 0.141 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= 343.0 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 171.5 N

(5) The withdrawal strength of the anchor bolt $Rb = \dfrac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = 92.1 N

(6) The shear forces of the anchor bolt Q=Fh/N= 85.8 N

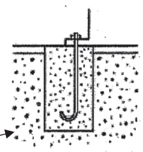
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 1.2 MPa < ft = 176.4 MPa

2.The shearing stress. τ=Q/A= 1.1 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 245.2 MPa

σ= 1.2 MPa < fts= 176.0 MPa



(8) The construction way of the anchor bolt

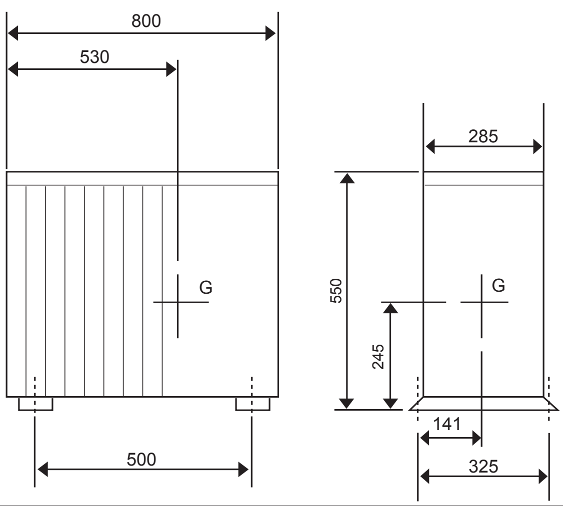
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 92 N

Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type: S Series Inverter Outdoor unit

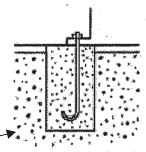
2.Model name: SUZ-M50VA

3.Specification

(1) Unit mass	W=	41	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	mm^2=	78×10^{-6} m^2
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=	305	mm=	0.305 m
(4) The bolt-span from the examination angle	L=	285	mm=	0.285 m
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	151	mm($Lg \leqq L/2$)=	0.151 m

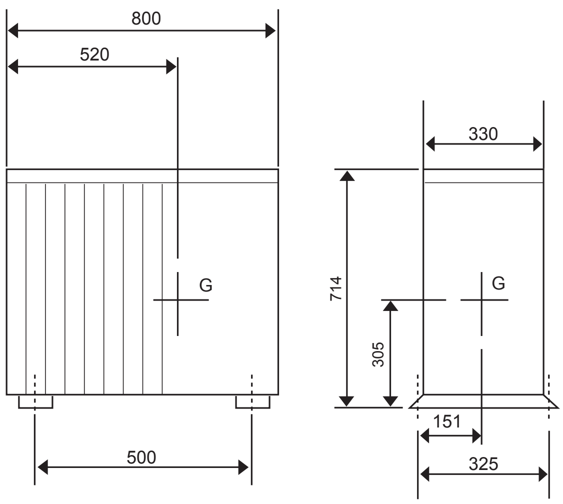
4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0	N
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5	N
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	401.8	N
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	200.9	N
(5) The withdrawal strength of the anchor bolt	$Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ =	161.8	N
(6) The shear forces of the anchor bolt	Q=Fh/N=	100.5	N
(7) The stress arising to the anchor bolt			
1.The tensile stress.	σ=Rb/A=	2.1	MPa < ft = 176.4 MPa
2.The shearing stress.	τ=Q/A=	1.3	MPa < fs = 132.3 MPa
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6 τ =	244.9	MPa
σ = 2.1 MPa	< fts=	176.0	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= 162 N

Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-M60VA

3.Specification

(1) Unit mass W= 54 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 mm^2= 78×10^{-6} m^2

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= 360 mm= 0.360 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= 139 mm($Lg \leqq L/2$)= 0.139 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 529.2 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 264.6 N

(5) The withdrawal strength of the anchor bolt $Rb=\dfrac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 213.9 N

(6) The shear forces of the anchor bolt Q=Fh/N= 132.3 N

(7) The stress arising to the anchor bolt

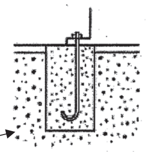
1.The tensile stress. σ=Rb/A= 2.7 MPa< ft = 176.4 MPa

2.The shearing stress. τ=Q/A= 1.7 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 244.2 MPa

σ = 2.7 MPa < fts= 176.0 MPa

(8) The construction way of the anchor bolt



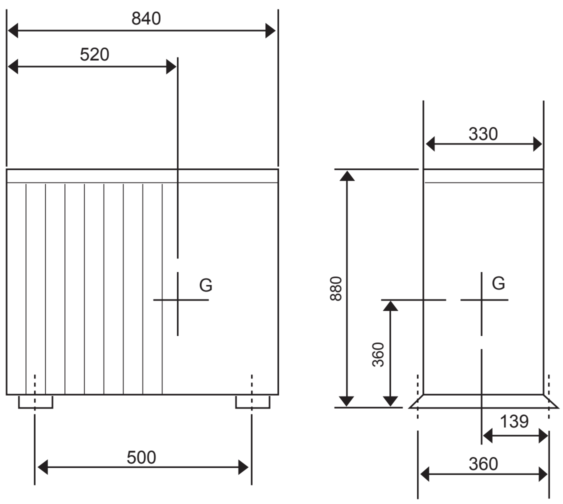
1.The construction way of the anchor bolt. = Boxed J type anchor

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= 214 N

Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type: S Series Inverter Outdoor unit

2.Model name: SUZ-M71VA

3.Specification

(1) Unit mass W= 55 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 mm^2= 78×10^{-6} m^2

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= 365 mm= 0.365 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= 144 mm(Lg≦L/2)= 0.144 m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing Kh= 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= 539.0 N

(4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 269.5 N

(5) The withdrawal strength of the anchor bolt $Rb=\dfrac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$ = 219.3 N

(6) The shear forces of the anchor bolt Q=Fh/N= 134.8 N

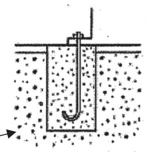
(7) The stress arising to the anchor bolt

1.The tensile stress. σ=Rb/A= 2.8 MPa< ft = 176.4 MPa

2.The shearing stress. τ=Q/A= 1.7 MPa < fs = 132.3 MPa

3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ = 244.2 MPa

σ= 2.8 MPa < fts= 176.0 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= 219 N

Since the results from the examination above, the anchor bolt has enough strength