Contents

1 REFERENCE SERVICE MANUAL

For information on service, please refer to the service manual as follows.

1-1. INDOOR UNIT

Model name	Service Ref.	Service Manual No.
PLA-A12/18/24/30/36/42BA6	PLA-A12/18/24/30/36/42BA6	OCH581 OCB581
PKA-A12/18HA6	PKA-A12/18HA6	OCH580 OCB580
PKA-A24/30/36KA6	PKA-A24/30/36KA6.TH	OCH584 OCB584
PCA-A24/30/36/42KA6	PCA-A24/30/36/42KA6.TH	OCH585 OCB585
PEA-A12/18AA6	PEA-A12/18AA6	HWE0807D
PEAD-A24/30/36/42AA5	PEAD-A24/30/36/42AA5	HWE14030
PVA-A30/36/42AA4	PVA-A30/36/42AA4	HWE14060

1-2. OUTDOOR UNIT

Model name	Service Ref.	Service Manual No.
PUZ-A18NHA6 PUZ-A24/30/36NHA6 PUZ-A18NHA6-BS PUZ-A24/30/36NHA6-BS PUY-A12/18NHA6 PUY-A24/30/36NHA6 PUY-A12/18NHA6-BS PUY-A24/30/36NHA6-BS	PUZ-A18NHA6 PUZ-A24/30/36NHA6 PUZ-A18NHA6-BS PUZ-A24/30/36NHA6-BS PUY-A12/18NHA6 PUY-A24/30/36NHA6 PUY-A12/18NHA6-BS PUY-A24/30/36NHA6-BS	OCH577 OCB577
PUZ-A42NHA6 PUZ-A42NHA6-BS PUY-A42NHA6 PUY-A42NHA6-BS	PUZ-A42NHA6 PUZ-A42NHA6-BS PUY-A42NHA6 PUY-A42NHA6-BS	OCH577 OCB577
PUZ-HA30/36NHA5	PUZ-HA30/36NHA5	OCH607 OCB607
PUZ-HA42NKA	PUZ-HA42NKA	OCH567 OCB567

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

2-1. INVERTER CEILING CASSETTE TYPE

Model name	Indoor unit		PLA-A12BA6	PLA-A18BA6	PLA-A24BA6	PLA-A30BA6	PLA-A36BA6	PLA-A42BA6
	Outdoor unit		PUY-A12NHA6 PUY-A12NHA6-BS	PUY-A18NHA6 PUY-A18NHA6-BS	PUY-A24NHA6 PUY-A24NHA6-BS	PUY-A30NHA6 PUY-A30NHA6-BS	PUY-A36NHA6 PUY-A36NHA6-BS	PUY-A42NHA6 PUY-A42NHA6-BS
Cooling	Max. Capacity	Btu/h	12,000	18,000	24,000	30,000	35,000	42,000
	Rated Capacity	Btu/h	12,000	18,000	24,000	30,000	35,000	42,000
	Min. Capacity	Btu/h	6,000	8,000	12,000	12,000	12,000	18,000
	Total Input	W	1260	1940	2500	4100	4500	4600
	EER	Btu/h/W	9.5	9.3	9.6	7.3	7.8	9.1
	SEER	Btu/h/W	14.0	14.2	14.0	14.0	14.2	14.4
	Moisture Removal	Pints/h	1.7	3.0	5.1	7.2	8.1	10.9
	SHF		0.84	0.81	0.76	0.73	0.74	0.71
*1	Power factor	%	96.1	95.8	96.2	96.9	96.9	96.6
Heating	Max. Capacity	Btu/h	–	–	–	–	–	–
	Rated Capacity	Btu/h	–	–	–	–	–	–
	Min. Capacity	Btu/h	–	–	–	–	–	–
	Total Input	W	–	–	–	–	–	–
	COP	W/W	–	–	–	–	–	–
	HSPF (IV/V)	Btu/h/W	–	–	–	–	–	–
*1	Power factor	%	–	–	–	–	–	–
Heating at low ambient	Rated Capacity	Btu/h	–	–	–	–	–	–
	Total Input	W	–	–	–	–	–	–
*2	COP	W/W	–	–	–	–	–	–
Power supply	Phase, Cycle, Voltage		1phase, 60Hz, 208/230V					
	Breaker size	A	15		25	30		
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V					
	Indoor - Outdoor S2-S3		DC24V					
	Indoor - Remote Controller		DC12V					
Indoor unit	MCA	A	1				2	
	MOCP	A	15					
	Fan Motor	F.L.A.	0.51				1.00	
	Fan Motor Output	W	50				120	
	Air flow DRY (Lo-M2-M1-Hi)	CMM	11-12-13-15	12-14-16-18		14-16-18-21	20-23-26-30	22-25-28-31
	Air flow WET (Lo-M2-M1-Hi)	CMM	10-11-12-14	11-13-15-17		13-15-17-20	19-22-25-29	21-24-27-30
	Air flow DRY (Lo-M2-M1-Hi)	CFM	390-420-460-530	420-490-570-640		490-570-640-740	710-810-920-1060	780-880-990-1090
	Air flow WET (Lo-M2-M1-Hi)	CFM	350-390-420-490	390-460-530-600		460-530-600-710	670-770-880-1030	740-850-950-1060
	External pressure	Pa	0					
	Sound level (Lo-M2-M1-Hi)	dB(A)	27-28-29-31	28-29-31-32		28-30-32-34	32-34-37-40	34-36-39-41
	External finish (Panel)		White Munsell 6.4Y 8.9 / 0.4					
	Dimension Unit (Panel)	W : mm [inch]	840 (950) [33-1/16 (37-3/8)]					
		D : mm [inch]	840 (950) [33-1/16 (37-3/8)]					
		H : mm [inch]	258 (35) [10-3/16 (1-3/8)]				298 (35) [11-3/4 (1-3/8)]	
	Weight Unit (Panel)	kg	22 (6)		23 (6)		25 (6)	
		lbs	49 (13)		51 (13)		55 (13)	
	Field drain pipe size O.D.	mm [inch]	32 [1-1/4]					
Remote Controller			Attached in Grille					
Outdoor unit	MCA	A	13		18	25		26
	MOCP	A	15	20	30	40		
	Fan Motor	F.L.A.	0.35		0.75			0.4 + 0.4
	Fan Motor Output	W	40		75			86 + 86
	Compressor		SNB130FQCM1		TNB220FLHM			ANB33FCTMT
		R.L.A	12					20
		L.R.A.	14			17.5		27.5
	Air flow	CMM [CFM]	34 [1,200]		55 [1,940]			100 [3,530]
	Refrigerant Control		Linear Expansion Valve					
	Defrost Method		–					
	Sound level at cooling	dB(A)	46	48	48			51
	Sound level at heating	dB(A)	–		–			
	External finish		Ivory Munsell 3Y 7.8/1.1					
	Dimension	W : mm [inch]	800 [31-1/2]		950 [37-3/8]			
		D : mm [inch]	300+23 [11-13/16 + 7/8]		330+30 [13 + 1-3/16]			
		H : mm [inch]	600 [23-5/8]		943 [37-1/8]			1350 [53-1/8]
	Weight	kg [lbs]	1350 [53-1/8]					
Refrigerant	Type		37 [82]	40 [89]	74 [163]			112 [247]
	Charge	kg [lbs, oz]	R410A					
	Oil	L [oz]	0.65 (FV50S) [20]	0.87 (FV50S) [28]				4.5 [10 lbs]
Refrigerant pipe size	Gas side O.D.	mm [inch]	12.7 [1/2]		0.87 (FV50S) [28]			1.4 (FV50S) [45]
	Liquid side O.D.	mm [inch]	6.35 [1/4]		15.88 [5/8]			
Refrigerant pipe length	Height difference		Max. 30m [Max.100ft]					
	Length		Max. 50m [Max.165ft]		Max. 69m [Max.225ft]			
Refrigerant Piping			Not Supplied					
Connection Method			Flared					

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	PUY-A12~A36: D.B.-28.9°C(-20°F)* PUY-A42: D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PLA-A18BA6	PLA-A24BA6	PLA-A30BA6	PLA-A36BA6	PLA-A42BA6
	Outdoor unit		PUZ-A18NHA6 PUZ-A18NHA6-BS	PUZ-A24NHA6 PUZ-A24NHA6-BS	PUZ-A30NHA6 PUZ-A30NHA6-BS	PUZ-A36NHA6 PUZ-A36NHA6-BS	PUZ-A42NHA6 PUZ-A42NHA6-BS
Cooling	Max. Capacity	Btu/h	18,000	24,000	30,000	35,000	42,000
	Rated Capacity	Btu/h	18,000	24,000	30,000	35,000	42,000
	Min. Capacity	Btu/h	8,000	12,000	12,000	12,000	18,000
	Total Input	W	1940	2500	4100	4500	4600
	EER	Btu/h/W	9.3	9.6	7.3	7.8	9.1
	SEER	Btu/h/W	14.2	14.0	14.0	14.2	14.4
	Moisture Removal	Pints/h	3.0	5.1	7.2	8.1	10.9
	SHF		0.81	0.76	0.73	0.74	0.71
*1	Power factor	%	95.8	96.2	96.9	96.9	96.6
Heating	Max. Capacity	Btu/h	20,000	28,000	34,000	38,000	48,000
	Rated Capacity	Btu/h	19,000	26,000	32,000	37,000	45,000
	Min. Capacity	Btu/h	8,000	12,000	12,000	12,000	18,000
	Total Input	W	1900	2570	3370	3300	4450
	COP	W/W	2.93	2.96	2.78	3.28	2.96
	HSPF (IV/V)	Btu/h/W	9.8 / 7.5	8.5 / 6.8	8.7 / 6.9	9.3 / 7.3	9.3 / 7.2
*1	Power factor	%	96.1	97.2	97	95.7	96.7
Heating at low ambient	Rated Capacity	Btu/h	13,000	16,000	23,000	25,000	30,000
	Total Input	W	1590	2200	3050	3070	4300
*2	COP	W/W	2.40	2.14	2.20	2.37	2.05
Power supply	Phase, Cycle, Voltage		1phase, 60Hz, 208/230V				
	Breaker size	A	15	25	30		
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V				
	Indoor - Outdoor S2-S3		DC24V				
	Indoor - Remote Controller		DC12V				
Indoor unit	MCA	A	1			2	
	MOCP	A	15				
	Fan Motor	F.L.A.	0.51			1.00	
	Fan Motor Output	W	50			120	
	Air flow DRY	CMM	12-14-16-18		14-16-18-21	20-23-26-30	22-25-28-31
	(Lo-M2-M1-Hi) WET	CMM	11-13-15-17		13-15-17-20	19-22-25-29	21-24-27-30
	Air flow DRY	CFM	420-490-570-640		490-570-640-740	710-810-920-1060	780-880-990-1090
	(Lo-M2-M1-Hi) WET	CFM	390-460-530-600		460-530-600-710	670-770-880-1030	740-850-950-1060
	External pressure	Pa	0				
	Sound level (Lo-M2-M1-Hi)	dB(A)	28-29-31-32		28-30-32-34	32-34-37-40	34-36-39-41
	External finish (Panel)		White Munsell 6.4Y 8.9 / 0.4				
	Dimension Unit (Panel)	W : mm [inch]	840 (950) [33-1/16 (37-3/8)]				
		D : mm [inch]	840 (950) [33-1/16 (37-3/8)]				
		H : mm [inch]	258 (35) [10-3/16 (1-3/8)]			298 (35) [11-3/4 (1-3/8)]	
	Weight Unit (Panel)	kg	22 (6)	23 (6)		25 (6)	
		lbs	49 (13)	51 (13)		55 (13)	
	Field drain pipe size O.D.	mm [inch]	32 [1-1/4]				
Remote Controller			Attached in Grille				
Outdoor unit	MCA	A	13	18	25		26
	MOCP	A	20	30	40		
	Fan Motor	F.L.A.	0.35	0.75			0.4 + 0.4
	Fan Motor Output	W	40	75			86 + 86
	Compressor		SNB130FQCM1	TNB220FLHM			ANB33FCTMT
		R.L.A	12				20
		L.R.A.	14		17.5		27.5
	Air flow	CMM [CFM]	34 [1,200]	55 [1,940]			100 [3,530]
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound level at cooling	dB(A)	48	48			51
	Sound level at heating	dB(A)	47	50			55
	External finish		Ivory Munsell 3Y 7.8/1.1				
	Dimension	W : mm [inch]	800 [31-1/2]	950 [37-3/8]			
		D : mm [inch]	300+23 [11-13/16+7/8]	330+30 [13 + 1-3/16]			
		H : mm [inch]	600 [23-5/8]	943 [37-1/8]			1350 [53-1/8]
	Weight	kg [lbs]	41 [91]	75 [165]			114 [251]
Refrigerant	Type		R410A				
	Charge	kg [lbs, oz]	1.7 [3 lbs 12 oz]	3.0 [6 lbs 10 oz]			4.5 [10 lbs]
	Oil	L [oz]	0.65 (FV50S) [20]	0.87 (FV50S) [28]			1.4 (FV50S) [45]
Refrigerant pipe size	Gas side O.D.	mm [inch]	12.7 [1/2]	15.88 [5/8]			
	Liquid side O.D.	mm [inch]	6.35 [1/4]	9.52 [3/8]			
Refrigerant pipe length	Height difference		Max. 30m [Max.100ft]				
	Length		Max. 30m [Max.100ft]	Max. 50 [Max.165ft]			
Refrigerant Piping			Not Supplied				
Connection Method			Flared				

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

2-2. INVERTER WALL-MOUNTED TYPE

Model name	Indoor unit		PKA-A12HA6	PKA-A18HA6	PKA-A24KA6	PKA-A30KA6	PKA-A36KA6
	Outdoor unit		PUY-A12NHA6 PUY-A12NHA6-BS	PUY-A18NHA6 PUY-A18NHA6-BS	PUY-A24NHA6 PUY-A24NHA6-BS	PUY-A30NHA6 PUY-A30NHA6-BS	PUY-A36NHA6 PUY-A36NHA6-BS
Cooling	Max. Capacity	Btu/h	12,000	18,000	24,000	30,000	34,200
	Rated Capacity	Btu/h	12,000	18,000	24,000	30,000	34,200
	Min. Capacity	Btu/h	6,000	8,000	12,000	12,000	12,000
	Total Input	W	1190	2240	2270	4130	5030
	EER	Btu/h/W	10.1	8.0	10.6	7.3	6.8
	SEER	Btu/h/W	15.2	15.3	17.0	15.5	14.0
	Moisture Removal	Pints/h	2.0	5.2	5.0	8.1	9.2
	SHF		0.81	0.68	0.77	0.70	0.70
*1	Power factor	%	94.1	96.4	96.8	97.1	96.8
Heating	Max. Capacity	Btu/h	–	–	–	–	–
	Rated Capacity	Btu/h	–	–	–	–	–
	Min. Capacity	Btu/h	–	–	–	–	–
	Total Input	W	–	–	–	–	–
	COP	W/W	–	–	–	–	–
	HSPF (IV/V)	Btu/h/W	–	–	–	–	–
*1	Power factor	%	–	–	–	–	–
Heating at low ambient	Rated Capacity	Btu/h	–	–	–	–	–
	Total Input	W	–	–	–	–	–
*2	COP	W/W	–	–	–	–	–
Power supply	Phase, Cycle, Voltage		1phase , 60Hz , 208/230V				
	Breaker size	A	15		25	30	
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V				
	Indoor - Outdoor S2-S3		DC24V				
	Indoor - Remote Controller		DC12V : Wired type				
Indoor unit	MCA	A	1				
	MOCP	A	15				
	Fan Motor	F.L.A.	0.33		0.36		0.57
	Fan Motor Output	W	30		56		
	Air flow DRY	CMM	9-10.5-12		18-20-22		20-23-26
	(Lo-M2-M1-Hi) WET	CMM	8-9.5-11		16-18-20		18-21-23
	Air flow DRY	CFM	320-370-425		635-705-775		705-810-920
	(Lo-M2-M1-Hi) WET	CFM	290-335-380		570-635-700		635-730-830
	External pressure	Pa	0				
	Sound level (Lo-M2-M1-Hi)	dB(A)	36-40-43		39-42-45		43-46-49
	External finish (Panel)		White Munsell 1.0Y 9.2/0.2				
	Dimension Unit (Panel)	W : mm [inch]	898 [35-3/8]		1170 [46-1/16]		
		D : mm [inch]	249 [9-13/16]		295 [11-5/8]		
		H : mm [inch]	295 [11-5/8]		365 [14-3/8]		
	Weight Unit (Panel)	kg	13		21		
		lbs	29		46		
	Field drain pipe size O.D.	mm [inch]	16 [5/8]				
Remote Controller			Attached in Indoor Unit				
Outdoor unit	MCA	A	13		18	25	
	MOCP	A	15	20	30	40	
	Fan Motor	F.L.A.	0.35		0.75		
	Fan Motor Output	W	40		75		
	Compressor		SNB130FQCM1		TNB220FLHM		
		R.L.A	12				
		L.R.A.	14			17.5	
	Air flow	CMM [CFM]	34 [1,200]		55 [1,940]		
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		–				
	Sound level at cooling	dB(A)	46	48	48		
	Sound level at heating	dB(A)	–		–		
	External finish		Ivory Munsell 3Y 7.8/1.1				
	Dimension	W : mm [inch]	800 [31-1/2]		950 [37-3/8]		
		D : mm [inch]	300+23 [11-13/16 + 7/8]		330+30 [13 + 1-3/16]		
		H : mm [inch]	600 [23-5/8]		943 [37-1/8]		
	Weight	kg [lbs]	37 [82]	40 [89]	74[163]		
Refrigerant	Type		R410A				
	Charge	kg [lbs, oz]	1.3 [2 lbs 14 oz]	1.7 [3 lbs 12 oz]	3.0 [6 lbs 10 oz]		
	Oil	L [oz]	0.65 (FV50S) [20]		0.87 (FV50S) [28]		
Refrigerant pipe size	Gas side O.D.	mm [inch]	12.7 [1/2]		15.88 [5/8]		
	Liquid side O.D.	mm [inch]	6.35 [1/4]		9.52 [3/8]		
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]				
	Length		Max. 30m [Max. 100ft]		Max. 50m [Max. 165ft]		
Refrigerant Piping			Not Supplied				
Connection Method			Flared				

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	PUY-A12~A36: D.B.-28.9°C(-20°F)* PUY-A42: D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PKA-A18HA6	PKA-A24KA6	PKA-A30KA6	PKA-A36KA6
	Outdoor unit		PUZ-A18NHA6 PUZ-A18NHA6-BS	PUZ-A24NHA6 PUZ-A24NHA6-BS	PUZ-A30NHA6 PUZ-A30NHA6-BS	PUZ-A36NHA6 PUZ-A36NHA6-BS
Cooling	Max. Capacity	Btu/h	18,000	24,000	30,000	34,200
	Rated Capacity	Btu/h	18,000	24,000	30,000	34,200
	Min. Capacity	Btu/h	8,000	12,000	12,000	12,000
	Total Input	W	2240	2270	4130	5030
	EER	Btu/h/W	8.0	10.6	7.3	6.8
	SEER	Btu/h/W	15.3	17.0	15.5	14.0
	Moisture Removal	Pints/h	5.2	5.0	8.1	9.2
	SHF		0.68	0.77	0.70	0.70
*1	Power factor	%	96.4	96.8	97.1	96.8
Heating	Max. Capacity	Btu/h	20,000	26,000	34,000	38,000
	Rated Capacity	Btu/h	19,000	28,000	32,000	37,000
	Min. Capacity	Btu/h	8,000	12,000	12,000	12,000
	Total Input	W	1970	2330	3150	3610
	COP	W/W	2.83	3.27	2.98	3.00
	HSPF (IV/V)	Btu/h/W	9.5 / 7.6	10.8 / 8.6	8.9 / 7.1	9.3 / 7.5
*1	Power factor	%	96.2	96.5	96.4	96.3
Heating at low ambient	Rated Capacity	Btu/h	13,000	18,000	23,000	25,000
	Total Input	W	1670	2200	2850	3030
*2	COP	W/W	2.28	2.40	2.37	2.42
Power supply	Phase, Cycle, Voltage		1phase , 60Hz , 208/230V			
	Breaker size	A	15	25	30	
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V			
	Indoor - Outdoor S2-S3		DC24V			
	Indoor - Remote Controller		DC12V : Wired type			
Indoor unit	MCA	A	1			
	MOCP	A	15			
	Fan Motor	F.L.A.	0.33	0.36		0.57
	Fan Motor Output	W	30	56		
	Air flow DRY	CMM	9-10.5-12	18-20-22		20-23-26
	(Lo-M2-M1-Hi) WET	CMM	8-9.5-11	16-18-20		18-21-23
	Air flow DRY	CFM	320-370-425	635-705-775		705-810-920
	(Lo-M2-M1-Hi) WET	CFM	290-335-380	570-635-700		635-730-830
	External pressure	Pa	0			
	Sound level (Lo-M2-M1-Hi)	dB(A)	36-40-43	39-42-45		43-46-49
	External finish (Panel)		White Munsell 1.0Y 9.2/0.2			
	Dimension Unit (Panel)	W : mm [inch]	898 [35-3/8]	1170 [46-1/16]		
		D : mm [inch]	249 [9-13/16]	295 [11-5/8]		
		H : mm [inch]	295 [11-5/8]	365 [14-3/8]		
	Weight Unit (Panel)	kg	13	21		
		lbs	29	46		
	Field drain pipe size O.D.	mm [inch]	16 [5/8]			
Remote Controller			Attached in Indoor Unit			
Outdoor unit	MCA	A	13	18	25	
	MOCP	A	20	30	40	
	Fan Motor	F.L.A.	0.35	0.75		
	Fan Motor Output	W	40	75		
	Compressor		SNB130FQCM1	TNB220FLHM		
		R.L.A	12			
		L.R.A.	14		17.5	
	Air flow	CMM [CFM]	34 [1,200]	55 [1,940]		
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound level at cooling	dB(A)	48	48		
	Sound level at heating	dB(A)	47	50		
	External finish		Ivory Munsell 3Y 7.8/1.1			
	Dimension	W : mm [inch]	800 [31-1/2]	950 [37-3/8]		
		D : mm [inch]	300+23 [11-13/16+7/8]	330+30 [13 + 1-3/16]		
		H : mm [inch]	600 [23-5/8]	943 [37-1/8]		
	Weight	kg [lbs]	41 [91]	75 [165]		
Refrigerant	Type		R410A			
	Charge	kg [lbs, oz]	1.7 [3 lbs 12 oz]	3.0 [6 lbs 10 oz]		
	Oil	L [oz]	0.65 (FV50S) [20]	0.87 (FV50S) [28]		
Refrigerant pipe size	Gas side O.D.	mm [inch]	12.7 [1/2]	15.88 [5/8]		
	Liquid side O.D.	mm [inch]	6.35 [1/4]	9.52 [3/8]		
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]			
	Length		Max. 30m [Max. 100ft]	Max. 50m [Max. 165ft]		
Refrigerant Piping			Not Supplied			
Connection Method			Flared			

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2-3. INVERTER CEILING-SUSPENDED TYPE

Model name	Indoor unit		PCA-A24KA6	PCA-A30KA6	PCA-A36KA6	PCA-A42KA6
	Outdoor unit		PUY-A24NHA6 PUY-A24NHA6-BS	PUY-A30NHA6 PUY-A30NHA6-BS	PUY-A36NHA6 PUY-A36NHA6-BS	PUY-A42NHA6 PUY-A42NHA6-BS
Cooling	Max. Capacity	Btu/h	24,000	30,000	35,000	42,000
	Rated Capacity	Btu/h	24,000	30,000	35,000	42,000
	Min. Capacity	Btu/h	12,000	12,000	12,000	18,000
	Total Input	W	2340	3760	4630	4110
	EER	Btu/h/W	10.3	8.0	7.6	10.2
	SEER	Btu/h/W	16.8	14.5	14.4	15.8
	Moisture Removal	Pints/h	5.8	8.3	8.5	11.7
	SHF		0.73	0.69	0.73	0.69
*1	Power factor	%	95.1	96.7	95.4	95.6
Heating	Max. Capacity	Btu/h	–	–	–	–
	Rated Capacity	Btu/h	–	–	–	–
	Min. Capacity	Btu/h	–	–	–	–
	Total Input	W	–	–	–	–
	COP	W/W	–	–	–	–
	HSPF (IV/V)	Btu/h/W	–	–	–	–
*1	Power factor	%	–	–	–	–
Heating at low ambient	Rated Capacity	Btu/h	–	–	–	–
	Total Input	W	–	–	–	–
*2	COP	W/W	–	–	–	–
Power supply	Phase, Cycle, Voltage		1phase , 60Hz , 208/230V			
	Breaker size	A	25	30		
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V			
	Indoor - Outdoor S2-S3		DC24V			
	Indoor - Remote Controller		DC12V			
Indoor unit	MCA	A	1		2	
	MOCP	A	15			
	Fan Motor	F.L.A.	0.54		0.97	
	Fan Motor Output	W	95		160	
	Air flow (Lo-M2-M1-Hi) DRY	CMM	15-16-17-19	16-17-18-20	22-24-26-28	23-25-27-29
	Air flow (Lo-M2-M1-Hi) WET	CMM	14-15-16-18	15-16-17-19	20-22-24-26	21-23-25-27
	Air flow (Lo-M2-M1-Hi) DRY	CFM	530-565-600-670	565-600-635-705	775-850-920-990	810-885-955-1025
	Air flow (Lo-M2-M1-Hi) WET	CFM	495-530-565-635	530-565-600-670	705-775-850-920	740-810-885-955
	External pressure	Pa	0			
	Sound level (Lo-M2-M1-Hi)	dB(A)	33-35-37-40	35-37-39-41	37-39-41-43	39-41-43-45
	External finish (Panel)		White Munsell 6.4Y 8.9/0.4			
	Dimension Unit (Panel)	W : mm [inch]	1280 [50-3/8]		1600 [63]	
		D : mm [inch]	680 [26-3/4]			
		H : mm [inch]	230 [9-1/16]			
	Weight Unit (Panel)	kg	32		36	39
		lbs	71		79	86
	Field drain pipe size O.D.	mm [inch]	26 [1-1/32]			
Remote Controller			Attached in Indoor Unit			
Outdoor unit	MCA	A	18	25		26
	MOCP	A	30	40		
	Fan Motor	F.L.A.	0.75			0.4 + 0.4
	Fan Motor Output	W	75			86 + 86
	Compressor		TNB220FLHM			ANB33FCTMT
		R.L.A	12			20
		L.R.A.	14	17.5		27.5
	Air flow	CMM [CFM]	55 [1,940]			100 [3,530]
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		–			
	Sound level at cooling	dB(A)	48			51
	Sound level at heating	dB(A)	–			–
	External finish		Ivory Munsell 3Y 7.8/1.1			
	Dimension	W : mm [inch]	950 [37-3/8]			
		D : mm [inch]	330+30 [13 + 1-3/16]			
		H : mm [inch]	943 [37-1/8]			1350 [53-1/8]
	Weight	kg [lbs]	74[163]			112 [247]
Refrigerant	Type		R410A			
	Charge	kg [lbs, oz]	3.0 [6 lbs 10 oz]			4.5 [10 lbs]
	Oil	L [oz]	0.87 (FV50S) [28]			1.4 (FV50S) [45]
Refrigerant pipe size	Gas side O.D.	mm [inch]	15.88 [5/8]			
	Liquid side O.D.	mm [inch]	9.52 [3/8]			
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]			
	Length		Max. 69m [Max. 225ft]			
Refrigerant Piping			Not Supplied			
Connection Method			Flared			

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	PUY-A12~A36: D.B.-28.9°C(-20°F)* PUY-A42: D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

<table>
<tr><td>Model name</td><td colspan="2">Indoor unit</td><td>PCA-A24KA6</td><td>PCA-A30KA6</td><td>PCA-A36KA6</td><td>PCA-A42KA6</td></tr>
<tr><td></td><td colspan="2">Outdoor unit</td><td>PUZ-A24NHA6
PUZ-A24NHA6-BS</td><td>PUZ-A30NHA6
PUZ-A30NHA6-BS</td><td>PUZ-A36NHA6
PUZ-A36NHA6-BS</td><td>PUZ-A42NHA6
PUZ-A42NHA6-BS</td></tr>
<tr><td>Cooling</td><td>Max. Capacity</td><td>Btu/h</td><td>24,000</td><td>30,000</td><td>35,000</td><td>42,000</td></tr>
<tr><td></td><td>Rated Capacity</td><td>Btu/h</td><td>24,000</td><td>30,000</td><td>35,000</td><td>42,000</td></tr>
<tr><td></td><td>Min. Capacity</td><td>Btu/h</td><td>12,000</td><td>12,000</td><td>12,000</td><td>18,000</td></tr>
<tr><td></td><td>Total Input</td><td>W</td><td>2340</td><td>3760</td><td>4630</td><td>4110</td></tr>
<tr><td></td><td>EER</td><td>Btu/h/W</td><td>10.3</td><td>8.0</td><td>7.6</td><td>10.2</td></tr>
<tr><td></td><td>SEER</td><td>Btu/h/W</td><td>16.8</td><td>14.5</td><td>14.4</td><td>15.8</td></tr>
<tr><td></td><td>Moisture Removal</td><td>Pints/h</td><td>5.8</td><td>8.3</td><td>8.5</td><td>11.7</td></tr>
<tr><td></td><td colspan="2">SHF</td><td>0.73</td><td>0.69</td><td>0.73</td><td>0.69</td></tr>
<tr><td>*1</td><td>Power factor</td><td>%</td><td>95.1</td><td>96.7</td><td>95.4</td><td>95.6</td></tr>
<tr><td>Heating</td><td>Max. Capacity</td><td>Btu/h</td><td>28,000</td><td>34,000</td><td>38,000</td><td>48,000</td></tr>
<tr><td></td><td>Rated Capacity</td><td>Btu/h</td><td>26,000</td><td>32,000</td><td>37,000</td><td>45,000</td></tr>
<tr><td></td><td>Min. Capacity</td><td>Btu/h</td><td>12,000</td><td>12,000</td><td>12,000</td><td>18,000</td></tr>
<tr><td></td><td>Total Input</td><td>W</td><td>2310</td><td>3210</td><td>3190</td><td>3830</td></tr>
<tr><td></td><td>COP</td><td>W/W</td><td>3.30</td><td>2.92</td><td>3.40</td><td>3.44</td></tr>
<tr><td></td><td>HSPF (IV/V)</td><td>Btu/h/W</td><td>10.9 / 8.9</td><td>9.2 / 7.1</td><td>10.2 / 8.1</td><td>10.2 / 8.3</td></tr>
<tr><td>*1</td><td>Power factor</td><td>%</td><td>95.7</td><td>96.3</td><td>93.7</td><td>95.2</td></tr>
<tr><td>Heating at low ambient</td><td>Rated Capacity</td><td>Btu/h</td><td>18,000</td><td>23,000</td><td>25,000</td><td>30,000</td></tr>
<tr><td></td><td>Total Input</td><td>W</td><td>2220</td><td>2940</td><td>2800</td><td>3820</td></tr>
<tr><td>*2</td><td>COP</td><td>W/W</td><td>2.38</td><td>2.29</td><td>2.62</td><td>2.30</td></tr>
<tr><td>Power supply</td><td colspan="2">Phase, Cycle, Voltage</td><td colspan="4">1phase , 60Hz , 208/230V</td></tr>
<tr><td></td><td>Breaker size</td><td>A</td><td>2530</td><td></td><td colspan="2"></td></tr>
<tr><td>Voltage</td><td colspan="2">Indoor - Outdoor S1-S2</td><td colspan="4">AC 208 / 230V</td></tr>
<tr><td></td><td colspan="2">Indoor - Outdoor S2-S3</td><td colspan="4">DC24V</td></tr>
<tr><td></td><td colspan="2">Indoor - Remote Controller</td><td colspan="4">DC12V</td></tr>
<tr><td>Indoor unit</td><td>MCA</td><td>A</td><td colspan="2">1</td><td colspan="2">2</td></tr>
<tr><td></td><td>MOCP</td><td>A</td><td colspan="4">15</td></tr>
<tr><td></td><td>Fan Motor</td><td>F.L.A.</td><td colspan="2">0.54</td><td colspan="2">0.97</td></tr>
<tr><td></td><td>Fan Motor Output</td><td>W</td><td colspan="2">95</td><td colspan="2">160</td></tr>
<tr><td></td><td>Air flow DRY</td><td>CMM</td><td>15-16-17-19</td><td>16-17-18-20</td><td>22-24-26-28</td><td>23-25-27-29</td></tr>
<tr><td></td><td>(Lo-M2-M1-Hi) WET</td><td>CMM</td><td>14-15-16-18</td><td>15-16-17-19</td><td>20-22-24-26</td><td>21-23-25-27</td></tr>
<tr><td></td><td>Air flow DRY</td><td>CFM</td><td>530-565-600-670</td><td>565-600-635-705</td><td>775-850-920-990</td><td>810-885-955-1025</td></tr>
<tr><td></td><td>(Lo-M2-M1-Hi) WET</td><td>CFM</td><td>495-530-565-635</td><td>530-565-600-670</td><td>705-775-850-920</td><td>740-810-885-955</td></tr>
<tr><td></td><td>External pressure</td><td>Pa</td><td colspan="4">0</td></tr>
<tr><td></td><td>Sound level
(Lo-M2-M1-Hi)</td><td>dB(A)</td><td>33-35-37-40</td><td>35-37-39-41</td><td>37-39-41-43</td><td>39-41-43-45</td></tr>
<tr><td></td><td colspan="2">External finish (Panel)</td><td colspan="4">White Munsell 6.4Y 8.9/0.4</td></tr>
<tr><td></td><td>Dimension Unit (Panel)</td><td>W : mm [inch]</td><td colspan="2">1280 [50-3/8]</td><td colspan="2">1600 [63]</td></tr>
<tr><td></td><td></td><td>D : mm [inch]</td><td colspan="4">680 [26-3/4]</td></tr>
<tr><td></td><td></td><td>H : mm [inch]</td><td colspan="4">230 [9-1/16]</td></tr>
<tr><td></td><td>Weight Unit (Panel)</td><td>kg</td><td colspan="2">32</td><td>36</td><td>39</td></tr>
<tr><td></td><td></td><td>lbs</td><td colspan="2">71</td><td>79</td><td>86</td></tr>
<tr><td></td><td>Field drain pipe size O.D.</td><td>mm [inch]</td><td colspan="4">26 [1-1/32]</td></tr>
<tr><td colspan="3">Remote Controller</td><td colspan="4">Attached in Indoor Unit</td></tr>
<tr><td>Outdoor unit</td><td>MCA</td><td>A</td><td>18</td><td colspan="2">25</td><td>26</td></tr>
<tr><td></td><td>MOCP</td><td>A</td><td>30</td><td colspan="3">40</td></tr>
<tr><td></td><td>Fan Motor</td><td>F.L.A.</td><td colspan="3">0.75</td><td>0.4 + 0.4</td></tr>
<tr><td></td><td>Fan Motor Output</td><td>W</td><td colspan="3">75</td><td>86 + 86</td></tr>
<tr><td></td><td colspan="2">Compressor</td><td colspan="3">TNB220FLHM</td><td>ANB33FCTMT</td></tr>
<tr><td></td><td></td><td>R.L.A</td><td colspan="3">12</td><td>20</td></tr>
<tr><td></td><td></td><td>L.R.A.</td><td>14</td><td colspan="2">17.5</td><td>27.5</td></tr>
<tr><td></td><td>Air flow</td><td>CMM [CFM]</td><td colspan="3">55 [1,940]</td><td>100 [3,530]</td></tr>
<tr><td></td><td colspan="2">Refrigerant Control</td><td colspan="4">Linear Expansion Valve</td></tr>
<tr><td></td><td colspan="2">Defrost Method</td><td colspan="4">Reverse Cycle</td></tr>
<tr><td></td><td>Sound level at cooling</td><td>dB(A)</td><td colspan="3">48</td><td>51</td></tr>
<tr><td></td><td>Sound level at heating</td><td>dB(A)</td><td colspan="3">50</td><td>55</td></tr>
<tr><td></td><td colspan="2">External finish</td><td colspan="4">Ivory Munsell 3Y 7.8/1.1</td></tr>
<tr><td></td><td>Dimension</td><td>W : mm [inch]</td><td colspan="4">950 [37-3/8]</td></tr>
<tr><td></td><td></td><td>D : mm [inch]</td><td colspan="4">330+30 [13 + 1-3/16]</td></tr>
<tr><td></td><td></td><td>H : mm [inch]</td><td colspan="3">943 [37-1/8]</td><td>1350 [53-1/8]</td></tr>
<tr><td></td><td>Weight</td><td>kg [lbs]</td><td colspan="3">75 [165]</td><td>114 [251]</td></tr>
<tr><td>Refrigerant</td><td colspan="2">Type</td><td colspan="4">R410A</td></tr>
<tr><td></td><td>Charge</td><td>kg [lbs, oz]</td><td colspan="3">3.0 [6 lbs 10 oz]</td><td>4.5 [10 lbs]</td></tr>
<tr><td></td><td>Oil</td><td>L [oz]</td><td colspan="3">0.87 (FV50S) [28]</td><td>1.4 (FV50S) [45]</td></tr>
<tr><td>Refrigerant pipe size</td><td>Gas side O.D.</td><td>mm [inch]</td><td colspan="4">15.88 [5/8]</td></tr>
<tr><td></td><td>Liquid side O.D.</td><td>mm [inch]</td><td colspan="4">9.52 [3/8]</td></tr>
<tr><td>Refrigerant pipe length</td><td colspan="2">Height difference</td><td colspan="4">Max. 30m [Max. 100ft]</td></tr>
<tr><td></td><td colspan="2">Length</td><td colspan="4">Max. 50m [Max. 165ft]</td></tr>
<tr><td colspan="3">Refrigerant Piping</td><td colspan="4">Not Supplied</td></tr>
<tr><td colspan="3">Connection Method</td><td colspan="4">Flared</td></tr>
</table>

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

2-4. INVERTER CEILING CONCEALED TYPE (PEA)

Model name	Indoor unit		PEA-A12AA6	PEA-A18AA6	PEA-A18AA6
	Outdoor unit		PUY-A12NHA6 PUY-A12NHA6-BS	PUY-A18NHA6 PUY-A18NHA6-BS	PUZ-A18NHA6 PUZ-A18NHA6-BS
Cooling	Max. Capacity	Btu/h	12,000	18,000	18,000
	Rated Capacity	Btu/h	12,000	18,000	18,000
	Min. Capacity	Btu/h	6,000	8,000	8,000
	Total Input	W	1,240	2,150	2,150
	EER	Btu/h	9.7	8.4	8.4
	SEER	Btu/h	14	14.3	14.3
	Moisture Removal	Pints/h	2.47	3.26	3.26
	SHF		0.77	0.8	0.8
*1	Power factor	%	93.0	95.4	95.4
Heating	Max. Capacity	Btu/h	–	–	20,000
	Rated Capacity	Btu/h	–	–	19,000
	Min. Capacity	Btu/h	–	–	8,000
	Total Input	W	–	–	2,150
	COP	W/W	–	–	2.6
	HSPF(IV/V)	Btu/h/W	–	–	10.0/8.0
*2	Power factor	%	–	–	95.4
Heating at low ambient	Rated Capacity	Btu/h	–	–	13000
	Total Input	W	–	–	1520
	COP	W/W	–	–	2.51
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V		
	Breaker size	A	15		
Voltage	Indoor - Outdoor S1-S2		AC208V / 230V		
	Indoor - Outdoor S2-S3		DC24V		
	Indoor - Remote controller		DC12V		
Indoor unit	MCA	A	1	2	
	MOCP	A	15	15	
	Fan Motor	F.L.A	0.57	0.74	
	Fan Motor Output	W	96		
	Air flow DRY	CMM	7-9-11	12-15-18	
	(Lo-Mid-Hi) WET	CMM	6-8-10	11-14-17	
	Air flow DRY	CFM	247-317-388	423-529-635	
	(Lo-Mid-Hi) WET	CFM	222-285-349	381-476-572	
	External pressure	in.WG [Pa]	0.02-0.06-0.14-0.20 [5-15-35-50]		
	Sound level (Lo-Mid-Hi)	dB(A)	23-28-33	30-34-38	
	External finish		Galvanized		
	Dimension Unit (Panel)	W:mm[inch]	990[39]	1190[46-7/8]	
		D:mm[inch]	700[27-9/19]	700[27-9/16]	
		H:mm[inch]	200[7-7/8]	200[7-7/8]	
	Weight	kg	22	28	
	Unit	lbs	49	62	
	Field Drain pipe size O.D.	mm[inch]	32[1-1/4]		
Remote Controller			Attached in indoor unit		
Outdoor unit	MCA	A	13		
	MOCP	A	15	20	
	Fan Motor	F.L.A.	0.35		
	Fan Motor Output	W	40		
	Compressor		SNB130FQCM1		
		R.L.A.	12		
		L.R.A.	14		
	Air flow	CMM[CFM]	34[1,200]		
	Refrigerant Control		Linear Expansion Valve		
	Defrost Method		–	–	Reverse Cycle
	Sound level at cooling	dB(A)	46	48	
	Sound level at heating	dB(A)	–	–	47
	External finish		Ivory Munsell 3Y 7.8/1.1		
	Dimension	W:mm[inch]	800 [31-1/2]		
		D:mm[inch]	300+23 [11-13/16 + 7/8]		
		H:mm[inch]	600 [23-5/8]		
	Weight	kg[lbs]	37 [82]	40[89]	40[91]
Refrigerant	Type		R410A		
	Charge	kg[lbs,oz]	1.3 [2 lbs 14 oz]	1.7 [3 lbs 12 oz]	
	Oil	L[oz]	0.65 (FV50S) [20]		
Refrigerant pipe size	Gas side O.D.	mm[inch]	12.7[1/2]		
	Liquid side O.D.	mm[inch]	6.35[1/4]		
Refrigerant pipe length	Height difference		Max. 30m [Max.100ft]		
	Length		Max. 50m [Max.165ft]		Max. 30m [Max.100ft]
Refrigerant Piping			Not Supplied		
Connection Method			Flared		

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	PUY-A12~A36: D.B.-28.9°C(-20°F)* PUY-A42: D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

2-5. INVERTER CEILING CASSETTE TYPE (PEAD)

Model name	Indoor unit		PEAD-A24AA5	PEAD-A30AA5	PEAD-A36AA5	PEAD-A42AA5
	Outdoor unit		PUY-A24NHA6	PUY-A30NHA6	PUY-A36NHA6	PUY-A42NHA6
			PUY-A24NHA6-BS	PUY-A30NHA6-BS	PUY-A36NHA6-BS	PUY-A42NHA6-BS
Cooling	Max. Capacity	Btu/h	24,000	30,000	35,000	42,000
	Rated Capacity	Btu/h	24,000	30,000	35,000	42,000
	Min. Capacity	Btu/h	12,000	12,000	12,000	18,000
	Total Input	W	2400	3850	4850	5350
	EER	Btu/h/W	10.0	7.7	7.2	7.8
	SEER	Btu/h/W	16.0	15.5	15.0	13.8
	Moisture Removal	Pints/h	6.9	8.6	7.9	9.0
	SHF		0.68	0.68	0.75	0.76
*1	Power factor	%	94	95.1	95.4	94.9
Heating	Max. Capacity	Btu/h	–	–	–	–
	Rated Capacity	Btu/h	–	–	–	–
	Min. Capacity	Btu/h	–	–	–	–
	Total Input	W	–	–	–	–
	COP	W/W	–	–	–	–
	HSPF (IV/V)	Btu/h/W	–	–	–	–
*1	Power factor	%	–	–	–	–
Heating at low ambient	Rated Capacity	Btu/h	–	–	–	–
	Total Input	W	–	–	–	–
*2	COP	W/W	–	–	–	–
Power supply	Phase, Cycle, Voltage		1phase, 60Hz, 208/230V			
	Breaker size	A	25	30		
Voltage	Indoor - Outdoor S1-S2		AC208 / 230V			
	Indoor - Outdoor S2-S3		DC24V			
	Indoor - Remote Controller		DC12V			
Indoor unit	MCA	A	2.63	2.73	3.30	3.50
	MOCP	A	15	15	15	15
	Fan Motor	F.L.A.	2.10	2.18	2.64	2.80
	Fan Motor Output	W	121		244	
	Air flow DRY	CMM	14.5-18-21	17.5-21-25	24-29-34	29.5-35.5-42
	(Lo-M2-M1-Hi) WET	CMM	14-17-19	16-19-23	22-27-32	27-33-40
	Air flow DRY	CFM	512-636-742	618-742-883	847-1024-1201	1042-1254-1483
	(Lo-M2-M1-Hi) WET	CFM	494-600-671	565-671-812	777-953-1130	953-1165-1412
	External pressure	Pa	[35/50/70/100/150]			
	Sound level (Lo-M2-M1-Hi)	dB(A)	30-33-37	30-34-39	33-38-42	36-40-44
	External finish (Panel)		Galvanized			
	Dimension Unit (Panel)	W : mm [inch]	1100[43-5/16]		1400[55-1/8]	
		D : mm [inch]	732[28-7/8]			
		H : mm [inch]	250[9-7/8]			
	Weight Unit (Panel)	kg	33		41	43
		lbs	73		91	95
	Field drain pipe size O.D.	mm [inch]	32 [1-1/4]			
Remote Controller			Attached in indoor Unit			
Outdoor unit	MCA	A	18	25		26
	MOCP	A	30	40		
	Fan Motor	F.L.A.	0.75			0.4+0.4
	Fan Motor Output	W	75			86+86
	Compressor		TNB220FLHM			ANB33FCTMT
		R.L.A	12			20
		L.R.A.	14	17.5		27.5
	Air flow	CMM [CFM]	55 [1,940]			100[3,530]
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		–			
	Sound level at cooling	dB(A)	48			51
	Sound level at heating	dB(A)	–			
	External finish		Ivory Munsell 3Y 7.8/1.1			
	Dimension	W : mm [inch]	950 [37-3/8]			
		D : mm [inch]	330+30 [13+1-3/16]			1350[53-1/8]
		H : mm [inch]	943 [37-1/8]			118[260]
	Weight	kg [lbs]	74[163]			112[247]
Refrigerant	Type		R410A			
	Charge	kg [lbs, oz]	3.0 [6 lbs 10oz]			4.5 [10lbs]
	Oil	L [oz]	0.87 (FV50S) [28]			1.4 (FV50S) [45]
Refrigerant pipe size	Gas side O.D.	mm [inch]	15.88[5/8]			
	Liquid side O.D.	mm [inch]	9.52[3/8]			
Refrigerant pipe length	Height difference		Max. 30m [Max.100ft]			
	Length		Max. 69m [Max.225ft]			
Refrigerant Piping			Not Supplied			
Connection Method			Flared			

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	PUY-A12~A36: D.B.-28.9°C(-20°F)* PUY-A42: D.B.-18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PEAD-A24AA5	PEAD-A30AA5	PEAD-A36AA5	PEAD-A42AA5
	Outdoor unit		PUZ-A24NHA6	PUZ-A30NHA6	PUZ-A36NHA6	PUZ-A42NHA6
			PUZ-A24NHA6-BS	PUZ-A30NHA6-BS	PUZ-A36NHA6-BS	PUZ-A42NHA6-BS
Cooling	Max. Capacity	Btu/h	24,000	30,000	35,000	42,000
	Rated Capacity	Btu/h	24,000	30,000	35,000	42,000
	Min. Capacity	Btu/h	12,000	12,000	12,000	18,000
	Total Input	W	2400	3850	4850	5350
	EER	Btu/h	10.0	7.7	7.2	7.8
	SEER	Btu/h	16.0	15.5	15.0	13.8
	Moisture Removal	Pints/h	6.9	8.6	7.9	9.0
	SHF		0.68	0.68	0.75	0.76
*1	Power factor	%	94	95.1	95.4	94.9
Heating	Max. Capacity	Btu/h	28,000	34,000	38,000	48,000
	Rated Capacity	Btu/h	26,000	32,000	37,000	45,000
	Min. Capacity*1	Btu/h	12,000	12,000	12,000	18,000
	Total Input	W	2250	2990	3290	3820
	COP	W/W	3.38	3.13	3.29	3.45
	HSPF(IV/V)	Btu/h/W	10.2/8.2	9.4/7.2	9.8/7.9	10.0/8.0
*2	Power factor	%	94.1	94.2	94.1	93.8
Heating at low ambient	Rated Capacity	Btu/h	18,000	23,000	25,000	30,000
	Total Input	W	2130	2750	2810	3820
	COP	W/W	2.47	2.45	2.60	2.30
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V			
	Breaker size	A	25	30		
Voltage	Indoor - Outdoor S1-S2		AC208 / 230V			
	Indoor - Outdoor S2-S3		DC24V			
	Indoor - Remote controller		DC12V			
Indoor unit	MCA	A	2.63	2.73	3.30	3.50
	MOCP	A	15	15	15	15
	Fan Motor	F.L.A	2.10	2.18	2.64	2.80
	Fan Motor Output	W	121		244	
	Air flow DRY	CMM	14.5-18-21	17.5-21-25	24-29-34	29.5-35.5-42
	(Lo-Mid-Hi) WET	CMM	14-17-19	16-19-23	22-27-32	27-33-40
	Air flow DRY	CFM	512-636-742	618-742-883	847-1024-1201	1042-1254-1483
	(Lo-Mid-Hi) WET	CFM	494-600-671	565-671-812	777-953-1130	953-1165-1412
	External pressure	in.WG [Pa]	[35/50/70/100/150]			
	Sound level (Lo-Mid-Hi)	dB(A)	30-33-37	30-34-39	33-38-42	36-40-44
	External finish		Galvanized			
	Dimension Unit (Panel)	W:mm[inch]	1100[43-5/16]		1400[55-1/8]	
		D:mm[inch]	732[28-7/8]			
		H:mm[inch]	250[9-7/8]			
	Weight	kg	33		41	43
	Unit	lbs	73		91	95
	Field Drain pipe size O.D.	mm[inch]	32 [1-1/4]			
Remote Controller			Attached in indoor Unit			
Outdoor unit	MCA	A	18	25		26
	MOCP	A	30	40		
	Fan Motor	F.L.A.	0.75			0.4+0.4
	Fan Motor Output	W	75			86+86
	Compressor		TNB220FLHM			ANB33FCTMT
		R.L.A.	12			20
		L.R.A.	14	17.5		27.5
	Air flow	CMM[CFM]	55 [1,940]			100[3,530]
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound level at cooling	dB(A)	48			51
	Sound level at heating	dB(A)	50			55
	External finish		Ivory Munsell 3Y 7.8/1.1			
	Dimension	W:mm[inch]	950 [37-3/8]			
		D:mm[inch]	330+30 [13+1-3/16]			1350[53-1/8]
		H:mm[inch]	943 [37-1/8]			118[260]
	Weight	kg[lbs]	75[165]			114[251]
Refrigerant	Type		R410A			
	Charge	kg[lbs,oz]	3.0 [6 lbs 10oz]			4.5 [10lbs]
	Oil	L[oz]	0.87 (FV50S) [28]			1.4 (FV50S) [45]
Refrigerant pipe size	Gas side O.D.	mm[inch]	15.88[5/8]			
	Liquid side O.D.	mm[inch]	9.52[3/8]			
Refrigerant pipe length	Height difference		Max. 30m [Max.100ft]			
	Length		Max. 50m [Max.165ft]			
Refrigerant Piping			Not Supplied			
Connection Method			Flared			

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	D.B. -18°C(0°F)*
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -11.1°C(12°F), W.B. -12.2°C(10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

2-6. HYPER HEATING INVERTER

Model name	Indoor unit		PLA-A30BA6	PLA-A36BA6	PLA-A42BA6
	Outdoor unit		PUZ-HA30NHA5	PUZ-HA36NHA5	PUZ-HA42NKA
Cooling	Max. Capacity	Btu/h	30,000	36,000	42,000
	Rated Capacity	Btu/h	28,500	34,000	42,000
	Min. Capacity	Btu/h	18,000	18,000	19,000
	Total Input	W	2,280	2,690	4,340
	EER	Btu/h	12.5	12.6	9.7
	SEER	Btu/h	15.6	17.0	14.8
	Moisture Removal	Pints/h	7.2	7.1	10.9
	SHF		0.73	0.71	0.71
*1	Power factor	%	96.2	95.9	96.3
Heating	Max. Capacity	Btu/h	34,000	40,000	54,000
	Rated Capacity	Btu/h	32,000	38,000	48,000
	Min. Capacity	Btu/h	18,000	18,000	21,000
	Total Input	W	3,440	3,230	4,660
	COP	W/W	2.73	3.45	3.02
	HSPF(IV/V)	Btu/h/W	9.4/7.1	10.0/8.0	10.0/8.4
*1	Power factor	%	97.1	95.5	96.5
Heating at 17°F	Max. Capacity	Btu/h	32,000	38,000	48,000
(-8.3℃)	Total Input	W	5,720	5,300	7,100
*2	COP	W/W	1.64	2.10	1.98
Heating at 5°F	Max. Capacity	Btu/h	32,000	38,000	48,000
(-15℃)	Total Input	W	6,630	5,860	7,820
*3	COP	W/W	1.41	1.90	1.79
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V		1phase, 60Hz, 208/230V
	Breaker size	A	30		30
Voltage	Indoor - Outdoor S1-S2		AC208V / 230V		AC208V / 230V
	Indoor - Outdoor S2-S3		DC24V		DC24V
	Indoor - Remote controller		DC12V		DC12V
Indoor unit	MCA	A	1	2	2
	MOCP	A	15	15	15
	Fan Motor	F.L.A	0.51	1.00	1.00
	Fan Motor Output	W	50	120	120
	Air flow DRY	CMM	14-16-18-21	20-23-26-30	22-25-28-31
	(Lo-Mid-Hi) WET	CMM	13-15-17-20	19-22-25-29	21-24-27-30
	Air flow DRY	CFM	490-570-640-740	710-810-920-1060	780-880-990-1090
	(Lo-Mid-Hi) WET	CFM	460-530-600-710	670-770-880-1030	740-850-950-1060
	External pressure	in.WG [Pa]	0	0	0
	Sound level (Lo-Mid-Hi)	dB(A)	28-30-32-34	32-34-37-40	34-36-39-41
	External finish		White Munsell 6.4Y 8.9/0.4		
	Dimension	W:mm[inch]	840(950)[33-1/16(37-3/8)]		
	Unit (Panel)	D:mm[inch]	840(950)[33-1/16(37-3/8)]		
		H:mm[inch]	258(35)[10-3/16(1-3/8)]	298(35)[11-3/4(1-3/8)]	
	Weight	kg	23(6)	25(6)	25(6)
	Unit	lbs	51(13)	55(13)	55(13)
	Field Drain pipe size O.D.	mm[inch]	O.D.32[1-1/4]		
Remote Controller			Attached in Grille		
Outdoor unit	MCA	A	28		37
	MOCP	A	40		44
	Fan Motor	F.L.A.	0.4 + 0.4		0.4 + 0.4
	Fan Motor Output	W	60 + 60		86 + 86
	Compressor	Type	ANB33FJEMT		ANB42FJEMT
		R.L.A.	20		19
		L.R.A.	27.5		28
	Air flow	CMM[CFM]	100[3,530]		94[3,320]
	Refrigerant Control		Electronic Expansion Valve		Electronic Expansion Valve
	Defrost Method		Reverse cycle		Reverse cycle
	Sound level at cooling	dB(A)	52		49
	Sound level at heating	dB(A)	53		51
	External finish		Ivory Munsell 3Y 7.8/1.1		Ivory Munsell 3Y 7.8/1.1
	Dimension	W:mm[inch]	950 [37-3/8]		1,050 [41-6/16]
		D:mm[inch]	300+30 [13 + 1-3/16]		300+30 [13 + 1-3/16]
		H:mm[inch]	1,350 [53-1/8]		1,338 [52-11/16]
	Weight	kg[lbs]	120 [265]		130 [287]
Refrigerant	Type		R410A		R410A
	Charge	kg[lbs,oz]	5.5 [12 lbs]		6.0 [13.4 lbs]
	Oil	L[oz]	1.4(FV50S)[45]		1.7(FVC68D)[57]
Refrigerant pipe	Gas side O.D.	mm[inch]	15.88[5/8]		15.88[5/8]
size	Liquid side O.D.	mm[inch]	9.58[3/8]		9.58[3/8]
Refrigerant pipe	Height difference		Max. 30m [Max. 100ft]		Max. 30m [Max. 100ft]
length	Length		Max. 75m [Max. 245ft]		Max. 75m [Max. 245ft]
Refrigerant Piping			Not Supplied		Not Supplied
Connection Method			Flared		Flared

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
*3.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -15°C(5°F), W.B. -15°C(5°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)	D.B. -18°C(0°F)*
Heating	Maximum	D.B. 28°C(83°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 17°C(63°F)	D.B. -25°C(-13°F), W.B. -25°C(-13°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PKA-A30KA6	PKA-A36KA6
	Outdoor unit		PUZ-HA30NHA5	PUZ-HA36NHA5
Cooling	Max. Capacity	Btu/h	30,000	34,200
	Rated Capacity	Btu/h	30,000	33,500
	Min. Capacity	Btu/h	18,000	18,000
	Total Input	W	2,500	2,790
	EER	Btu/h	12.0	12.0
	SEER	Btu/h	16.5	16.2
	Moisture Removal	Pints/h	8.1	8.7
	SHF		0.70	0.71
*1	Power factor	%	96.2	96.3
Heating	Max. Capacity	Btu/h	34,000	40,000
	Rated Capacity	Btu/h	32,000	38,000
	Min. Capacity	Btu/h	18,000	18,000
	Total Input	W	2,930	3,410
	COP	W/W	3.20	3.27
	HSPF(IV/V)	Btu/h/W	9.5/7.3	10.0/7.8
*1	Power factor	%	96.5	96.3
Heating at 17°F	Max. Capacity	Btu/h	32,000	38,000
(-8.3℃)	Total Input	W	5,080	6,010
*2	COP	W/W	1.85	1.85
Heating at 5°F	Max. Capacity	Btu/h	32,000	38,000
(-15℃)	Total Input	W	5,770	6,760
*3	COP	W/W	1.63	1.65
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V	
	Breaker size	A	30	
Voltage	Indoor - Outdoor S1-S2		AC208V / 230V	
	Indoor - Outdoor S2-S3		DC24V	
	Indoor - Remote controller		DC12V: Wired type	
Indoor unit	MCA	A	1	
	MOCP	A	15	
	Fan Motor	F.L.A	0.36	0.57
	Fan Motor Output	W	56	
	Air flow DRY	CMM	18-20-22	20-23-26
	(Lo-Mid-Hi) WET	CMM	16-18-20	18-21-24
	Air flow DRY	CFM	635-705-775	705-810-920
	(Lo-Mid-Hi) WET	CFM	570-635-700	635-730-830
	External pressure	in.WG [Pa]	0	
	Sound level (Lo-Mid-Hi)	dB(A)	39-42-45	43-46-49
	External finish		White Munsell 6.4Y 8.9/0.4	
	Dimension Unit (Panel)	W:mm[inch]	1170[46-1/16]	
		D:mm[inch]	295[11-5/8]	
		H:mm[inch]	365[14-3/8]	
	Weight	kg	21	
	Unit	lbs	46	
	Field Drain pipe size O.D.	mm[inch]	I.D.16[5/8]	
Remote Controller			Attached in indoor unit	
Outdoor unit	MCA	A	28	
	MOCP	A	40	
	Fan Motor	F.L.A.	0.4 + 0.4	
	Fan Motor Output	W	60 + 60	
	Compressor	Type	ANB33FJEMT	
		R.L.A.	20	
		L.R.A.	27.5	
	Air flow	CMM[CFM]	100[3,530]	
	Refrigerant Control		Electronic Expansion Valve	
	Defrost Method		Reverse cycle	
	Sound level at cooling	dB(A)	52	
	Sound level at heating	dB(A)	53	
	External finish		Ivory Munsell 3Y 7.8/1.1	
	Dimension	W:mm[inch]	950 [37-3/8]	
		D:mm[inch]	300+30 [13 + 1-3/16]	
		H:mm[inch]	1350 [53-1/8]	
	Weight	kg[lbs]	120 [265]	
Refrigerant	Type		R410A	
	Charge	kg[lbs,oz]	5.5 [12 lbs]	
	Oil	L[oz]	1.4(FV50S)[45]	
Refrigerant pipe size	Gas side O.D.	mm[inch]	15.88[5/8]	
	Liquid side O.D.	mm[inch]	9.58[3/8]	
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]	
	Length		Max. 75m [Max. 245ft]	
Refrigerant Piping			Not Supplied	
Connection Method			Flared	

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
*3.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -15°C(5°F), W.B. -15°C(5°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)	D.B. -18°C(0°F)*
Heating	Maximum	D.B. 28°C(83°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 17°C(63°F)	D.B. -25°C(-13°F), W.B. -25°C(-13°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PCA-A30KA6	PCA-A36KA6	PCA-A42KA6
	Outdoor unit		PUZ-HA30NHA5	PUZ-HA36NHA5	PUZ-HA42NKA
Cooling	Max. Capacity	Btu/h	30,000	36,000	42,000
	Rated Capacity	Btu/h	30,000	34,000	42,000
	Min. Capacity	Btu/h	18,000	18,000	19,000
	Total Input	W	2,480	2,810	4,200
	EER	Btu/h	12.1	12.1	10.0
	SEER	Btu/h	16.1	16.6	14.5
	Moisture Removal	Pints/h	8.3	8.2	11.7
	SHF		0.69	0.73	0.69
*1	Power factor	%	96.3	93.3	95.6
Heating	Max. Capacity	Btu/h	34,000	40,000	54,000
	Rated Capacity	Btu/h	32,000	38,000	48,000
	Min. Capacity	Btu/h	18,000	18,000	21,000
	Total Input	W	2,990	3,270	4,150
	COP	W/W	3.14	3.41	3.39
	HSPF(IV/V)	Btu/h/W	9.3/7.2	10.3/8.2	10.4/9.0
*1	Power factor	%	96.3	94.2	95.5
Heating at 17°F	Max. Capacity	Btu/h	32,000	38,000	48,000
(-8.3℃)	Total Input	W	5,170	5,720	7,020
*2	COP	W/W	1.81	1.95	2.00
Heating at 5°F	Max. Capacity	Btu/h	32,000	38,000	48,000
(-15℃)	Total Input	W	5,830	6,550	7,580
*3	COP	W/W	1.61	1.70	1.85
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V		1phase, 60Hz, 208/230V
	Breaker size	A	30		40
Voltage	Indoor - Outdoor S1-S2		AC208V / 230V		AC208V / 230V
	Indoor - Outdoor S2-S3		DC24V		DC24V
	Indoor - Remote controller		DC12V		DC12V
Indoor unit	MCA	A	1	2	2
	MOCP	A	15		
	Fan Motor	F.L.A	0.54	0.97	
	Fan Motor Output	W	95	160	
	Air flow DRY	CMM	16-17-18-20	22-24-26-28	23-25-27-29
	(Lo-Mid-Hi) WET	CMM	15-16-17-19	20-22-24-26	21-23-25-27
	Air flow DRY	CFM	565-600-635-705	775-850-920-990	810-885-995-1,025
	(Lo-Mid-Hi) WET	CFM	530-565-600-670	705-775-850-920	740-810-880-955
	External pressure	in.WG [Pa]	0		
	Sound level (Lo-Mid-Hi)	dB(A)	35-37-39-41	37-39-41-43	39-41-43-45
	External finish		White Munsell 6.4Y 8.9/0.4		
	Dimension Unit (Panel)	W:mm[inch]	1280[50-3/8]	1600[63]	
		D:mm[inch]	680[26-3/4]		
		H:mm[inch]	230[9-1/16]		
	Weight	kg	32	36	39
	Unit	lbs	71	79	86
	Field Drain pipe size O.D.	mm[inch]	O.D.26[1-1/32]		
Remote Controller			Attached in Grille		
Outdoor unit	MCA	A	28		37
	MOCP	A	40		44
	Fan Motor	F.L.A.	0.4 + 0.4		0.4 + 0.4
	Fan Motor Output	W	60 + 60		86 + 86
	Compressor	Type	ANB33FJEMT		ANB42FJEMT
		R.L.A.	20		19
		L.R.A.	27.5		28
	Air flow	CMM[CFM]	100[3,530]		94[3,320]
	Refrigerant Control		Electronic Expansion Valve		Electronic Expansion Valve
	Defrost Method		Reverse cycle		Reverse cycle
	Sound level at cooling	dB(A)	52		49
	Sound level at heating	dB(A)	53		51
	External finish		Ivory Munsell 3Y 7.8/1.1		Ivory Munsell 3Y 7.8/1.1
	Dimension	W:mm[inch]	950 [37-3/8]		1,050 [41-6/16]
		D:mm[inch]	300+30 [13 + 1-3/16]		300+30 [13 + 1-3/16]
		H:mm[inch]	1,350 [53-1/8]		1,338 [52-11/16]
	Weight	kg[lbs]	120 [265]		130 [287]
Refrigerant	Type		R410A		R410A
	Charge	kg[lbs,oz]	5.5 [12 lbs]		6.0 [13.4 lbs]
	Oil	L[oz]	1.4(FV50S)[45]		1.7(FVC68D)[57]
Refrigerant pipe size	Gas side O.D.	mm[inch]	15.88[5/8]		15.88[5/8]
	Liquid side O.D.	mm[inch]	9.58[3/8]		9.58[3/8]
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]		Max. 30m [Max. 100ft]
	Length		Max. 75m [Max. 245ft]		Max. 75m [Max. 245ft]
Refrigerant Piping			Not Supplied		Not Supplied
Connection Method			Flared		Flared

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
*3.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -15°C(5°F), W.B. -15°C(5°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)	D.B. -18°C(0°F)*
Heating	Maximum	D.B. 28°C(83°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 17°C(63°F)	D.B. -25°C(-13°F), W.B. -25°C(-13°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PEAD-A30AA5	PEAD-A36AA5
	Outdoor unit		PUZ-HA30NHA5	PUZ-HA36NHA5
Cooling	Max. Capacity	Btu/h	30,000	36,000
	Rated Capacity	Btu/h	27,000	33,000
	Min. Capacity	Btu/h	18,000	18,000
	Total Input	W	2,160	2,640
	EER	Btu/h	12.5	12.5
	SEER	Btu/h	16.5	17.8
	Moisture Removal	Pints/h	8.9	7.3
	SHF		0.67	0.76
*1	Power factor	%	93.0	93.3
Heating	Max. Capacity	Btu/h	34,000	40,000
	Rated Capacity	Btu/h	32,000	38,000
	Min. Capacity	Btu/h	18,000	18,000
	Total Input	W	2,750	3,150
	COP	W/W	3.41	3.53
	HSPF(IV/V)	Btu/h/W	9.5/7.3	10.4/8.2
*1	Power factor	%	94.1	93.8
Heating at 17°F	Max. Capacity	Btu/h	32,000	38,000
(-8.3℃)	Total Input	W	4,930	5,400
*2	COP	W/W	1.90	2.06
Heating at 5°F	Max. Capacity	Btu/h	32,000	38,000
(-15℃)	Total Input	W	5,420	6,100
*3	COP	W/W	1.73	1.82
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V	
	Breaker size	A	30	
Voltage	Indoor - Outdoor S1-S2		AC208V / 230V	
	Indoor - Outdoor S2-S3		DC24V	
	Indoor - Remote controller		DC12V	
Indoor unit	MCA	A	2.73	3.3
	MOCP	A	15	
	Fan Motor	F.L.A	2.18	2.64
	Fan Motor Output	W	0.121	0.244
	Air flow DRY	CMM	17.5-21-25	24-29-34
	(Lo-Mid-Hi) WET	CMM	16-19-23	22-27-32
	Air flow DRY	CFM	618-742-883	847-1024-1201
	(Lo-Mid-Hi) WET	CFM	565-671-812	777-953-1130
	External pressure	in.WG [Pa]	[35-50-70-100-150]	
	Sound level (Lo-Mid-Hi)	dB(A)	30-34-38	33-38-42
	External finish		Galvanized	
	Dimension Unit (Panel)	W:mm[inch]	1100[43-5/16]	1400[55-1/8]
		D:mm[inch]	732[28-7/8]	
		H:mm[inch]	250[9-7/8]	
	Weight	kg	33	41
	Unit	lbs	73	91
	Field Drain pipe size O.D.	mm[inch]	32[1-1/4]	
Remote Controller			Attached in indoor unit	
Outdoor unit	MCA	A	28	
	MOCP	A	40	
	Fan Motor	F.L.A.	0.4 + 0.4	
	Fan Motor Output	W	60 + 60	
	Compressor	Type	ANB33FJEMT	
		R.L.A.	20	
		L.R.A.	27.5	
	Air flow	CMM[CFM]	100[3,530]	
	Refrigerant Control		Linear expansion valve	
	Defrost Method		Reverse cycle	
	Sound level at cooling	dB(A)	52	
	Sound level at heating	dB(A)	53	
	External finish		Ivory Munsell 3Y 7.8/1.1	
	Dimension	W:mm[inch]	950 [37-3/8]	
		D:mm[inch]	300+30 [13 + 1-3/16]	
		H:mm[inch]	1350 [53-1/8]	
	Weight	kg[lbs]	120 [265]	
Refrigerant	Type		R410A	
	Charge	kg[lbs,oz]	5.5 [12 lbs 12 oz]	
	Oil	L[oz]	1.4(FV50S)[45]	
Refrigerant pipe size	Gas side O.D.	mm[inch]	15.88[5/8]	
	Liquid side O.D.	mm[inch]	9.58[3/8]	
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]	
	Length		Max. 75m [Max. 245ft]	
Refrigerant Piping			Not Supplied	
Connection Method			Flared	

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
*3.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -15°C(5°F), W.B. -15°C(5°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)	D.B. -18°C(0°F)*
Heating	Maximum	D.B. 28°C(83°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 17°C(63°F)	D.B. -25°C(-13°F), W.B. -25°C(-13°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

Due to continuing improvement, above specification may be subject to change without notice.

2. SPECIFICATIONS

Model name	Indoor unit		PVA-A30AA4	PVA-A36AA4	PVA-A42AA4
	Outdoor unit		PUZ-HA30NHA5	PUZ-HA36NHA5	PUZ-HA42NKA
Cooling	Max. Capacity	Btu/h	30,000	36,000	42,000
	Rated Capacity	Btu/h	28,500	33,000	42,000
	Min. Capacity	Btu/h	18,000	18,000	19,000
	Total Input	W	2,280	2,640	4,270
	EER	Btu/h	12.5	12.5	9.8
	SEER	Btu/h	15.6	17.8	15.3
	Moisture Removal	Pints/h	8.0	7.9	9.0
	SHF		0.70	0.74	0.76
*1	Power factor	%	92.6	87.6	88.4
Heating	Max. Capacity	Btu/h	34,000	40,000	54,000
	Rated Capacity	Btu/h	32,000	38,000	48,000
	Min. Capacity	Btu/h	18,000	18,000	18,000
	Total Input	W	2,590	3,040	4,010
	COP	W/W	3.62	3.66	3.50
	HSPF(IV/V)	Btu/h/W	9.7/7.5	11.0/9.0	11.0/9.2
*1	Power factor	%	93.8	88.7	88.1
Heating at 17°F	Max. Capacity	Btu/h	32,000	38,000	48,000
(-8.3℃)	Total Input	W	4,930	5,400	6,700
*2	COP	W/W	1.90	2.06	2.09
Heating at 5°F	Max. Capacity	Btu/h	32,000	38,000	48,000
(-15℃)	Total Input	W	5,480	6,100	7,360
*3	COP	W/W	1.71	1.82	1.91
Power supply	Phase,Cycle,Voltage		1phase, 60Hz, 208/230V		1phase, 60Hz, 208/230V
	Breaker size	A	30		40
Voltage	Indoor - Outdoor S1-S2		AC208V / 230V		AC208V / 230V
	Indoor - Outdoor S2-S3		DC24V		DC24V
	Indoor - Remote controller		DC12V		DC12V
Indoor unit	MCA	A	4.13	5.50	5.63
	MOCP	A	15	15	15
	Fan Motor	F.L.A	2.18	2.64	0.74
	Fan Motor Output	W	121	430	96
	Air flow DRY	CMM	17.3-21.1-24.8	22.3-27.1-31.9	29.4-35.7-42.0
	(Lo-Mid-Hi) WET	CMM			
	Air flow DRY	CFM	613-744-875	788-956-1,125	1,040-1,262-1,485
	(Lo-Mid-Hi) WET	CFM			
	External pressure	in.WG [Pa]	[35/50/70/100/150]		
	Sound level (Lo-Mid-Hi)	dB(A)	30-34-38		34-38-42
	External finish		Galvanized		
	Dimension	W:mm[inch]	534[21]	635[25]	
	Unit (Panel)	D:mm[inch]	548[21-5/8]		
		H:mm[inch]	1,511[59-1/2]		
	Weight	kg	64	78	
	Unit	lbs	141	172	
	Field Drain pipe size O.D.	mm[inch]	19.05 [3/4] FPT		
Remote Controller			Attached in indoor unit		
Outdoor unit	MCA	A	28		37
	MOCP	A	40		44
	Fan Motor	F.L.A.	0.4 + 0.4		0.4 + 0.4
	Fan Motor Output	W	60 + 60		86 + 86
	Compressor	Type	ANB33FJEMT		ANB42FJEMT
		R.L.A.	20		19
		L.R.A.	27.5		28
	Air flow	CMM[CFM]	100[3,530]		94[3,320]
	Refrigerant Control		Electronic Expansion Valve		Electronic Expansion Valve
	Defrost Method		Reverse cycle		Reverse cycle
	Sound level at cooling	dB(A)	52		49
	Sound level at heating	dB(A)	53		51
	External finish		Ivory Munsell 3Y 7.8/1.1		Ivory Munsell 3Y 7.8/1.1
	Dimension	W:mm[inch]	950 [37-3/8]		1,050 [41-6/16]
		D:mm[inch]	300+30 [13 + 1-3/16]		300+30 [13 + 1-3/16]
		H:mm[inch]	1,350 [53-1/8]		1,338 [52-11/16]
	Weight	kg[lbs]	120 [265]		130 [287]
Refrigerant	Type		R410A		R410A
	Charge	kg[lbs,oz]	5.5 [12 lbs]		6.0 [13.4 lbs]
	Oil	L[oz]	1.4(FV50S)[45]		1.7(FVC68D)[57]
Refrigerant pipe size	Gas side O.D.	mm[inch]	15.88[5/8]		15.88[5/8]
	Liquid side O.D.	mm[inch]	9.58[3/8]		9.58[3/8]
Refrigerant pipe length	Height difference		Max. 30m [Max. 100ft]		Max. 30m [Max. 100ft]
	Length		Max. 75m [Max. 245ft]		Max. 75m [Max. 245ft]
Refrigerant Piping			Not Supplied		Not Supplied
Connection Method			Flared		Flared

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
*2.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
*3.Conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -15°C(5°F), W.B. -15°C(5°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)	D.B. -18°C(0°F)*
Heating	Maximum	D.B. 28°C(83°F)	D.B. 21.1°C(70°F), W.B. 15°C(59°F)
	Minimum	D.B. 17°C(63°F)	D.B. -25°C(-13°F), W.B. -25°C(-13°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

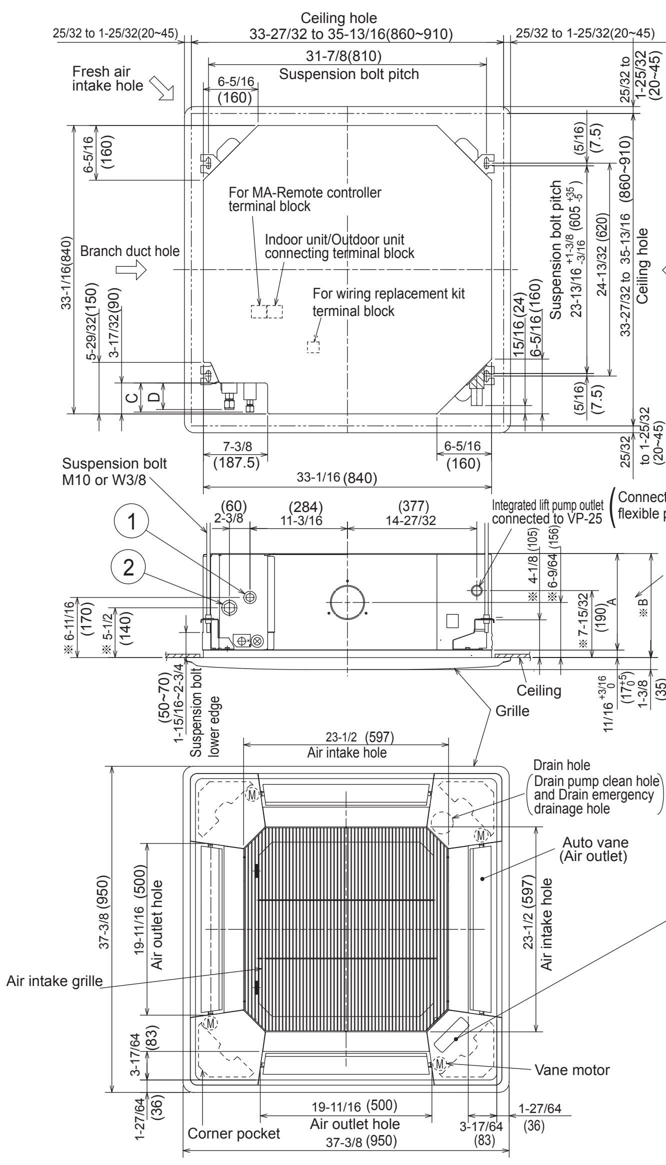
Due to continuing improvement, above specification may be subject to change without notice.

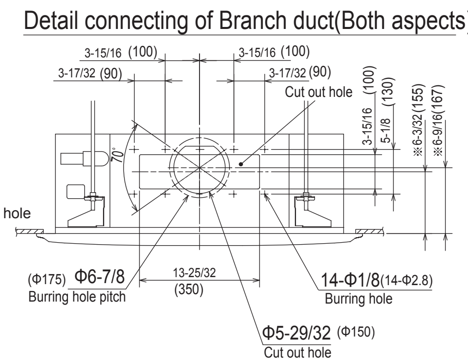
3. OUTLINES AND DIMENSIONS

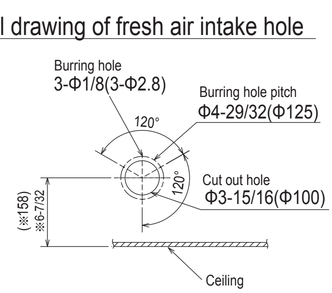
3.1 INDOOR UNIT

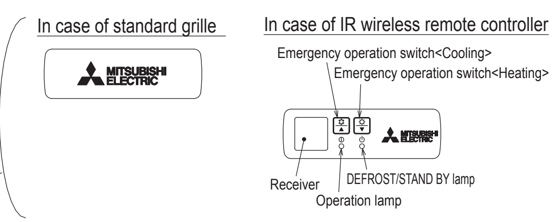
Unit: inch (mm)

PLA-A12BA6 PLA-A18BA6 PLA-A24BA6 PLA-A30BA6 PLA-A36BA6 PLA-A42BA6

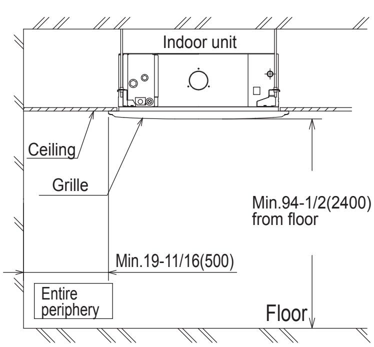








Models	①	②	A	B	C	D
PLA-A12BA6 PLA-A18BA6	Refrigerant pipe ····Φ6.35 Flared connection ····1/4 inch	Refrigerant pipe ····Φ12.7 Flared connection ····1/2 inch	9-1/2 (241)	10-3/16 (258)	3-5/32 (80)	2-29/32 (74)
PLA-A24BA6 PLA-A30BA6	Refrigerant pipe ····Φ9.52 Flared connection ····3/8 inch	Refrigerant pipe ····Φ15.88 Flared connection ····5/8 inch				
PLA-A36BA6 PLA-A42BA6			11-1/16 (281)	11-3/4 (298)	3-11/32 (85)	3-1/32 (77)



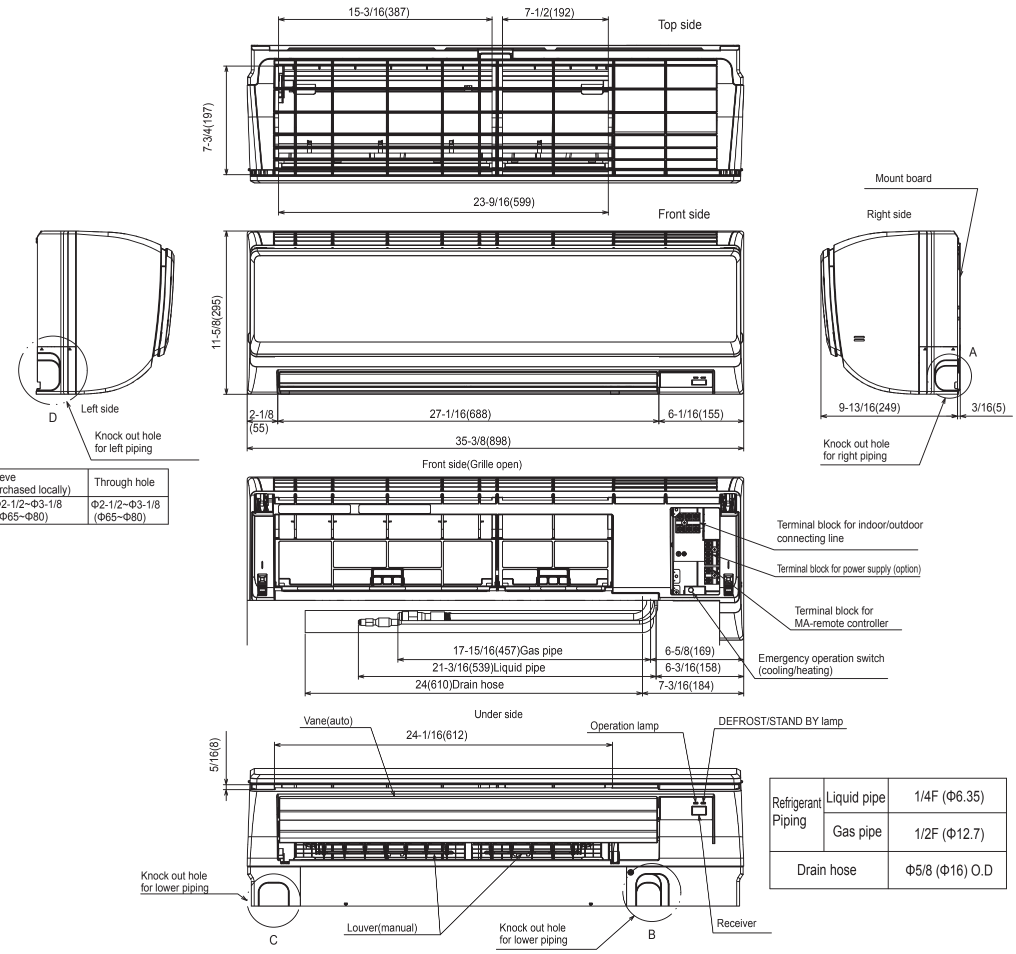
Note1. As for drain pipe, please use VP-25(O.D. Φ1-1/4(Φ32) PVC TUBE).
Drain pump is included.
Max. liftng height is 70-7/18(850mm) from the ceiling.
2. As for suspension bolt, please use M10 or W3/8.(Procured at local site)
3. Electrical box may be removed for the service purpose.
Make sure to slack the electrical wire little bit for control/power wires connection.
4. The height of the indoor unit is able to be adjusted with the grille attached.
5. For the installation of the optional high efficiency filter or optional multi-functional casement.
1) Add 5-5/16(135mm) to the dimensions ※ marked on the figure.
2) The optional high efficiency filter must be used jointly with the multi-functional casement.
6. When installing the branch ducts, be sure to insulate adequately.
Otherwise condensation and dripping may occur.
(It becomes the cause of dew drops/water dew.)
7. As for necessary installation/service space, please refer to the left figure.

Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

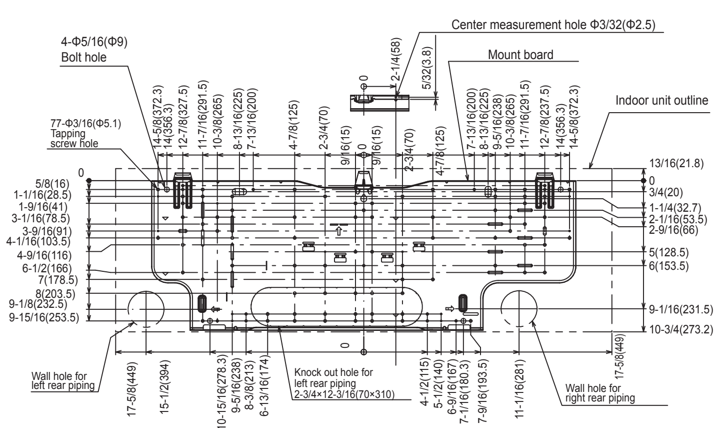
PKA-A12HA6 PKA-A18HA6

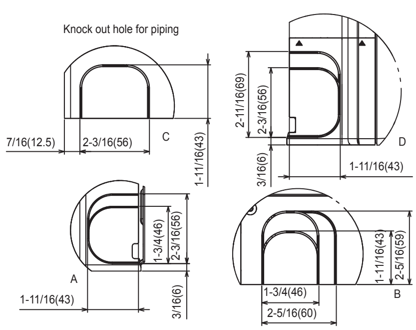
Unit: inch (mm)

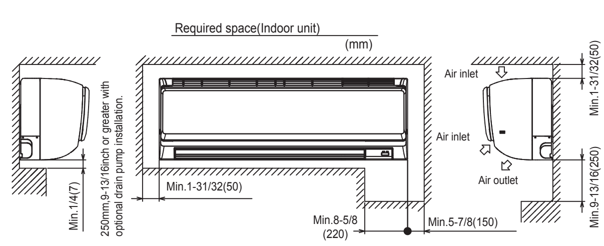


Sleeve (purchased locally)	Through hole
Φ2-1/2~Φ3-1/8 (Φ65~Φ80)	Φ2-1/2~Φ3-1/8 (Φ65~Φ80)

Refrigerant Piping	Liquid pipe	1/4F (Φ6.35)
	Gas pipe	1/2F (Φ12.7)
Drain hose		Φ5/8 (Φ16) O.D





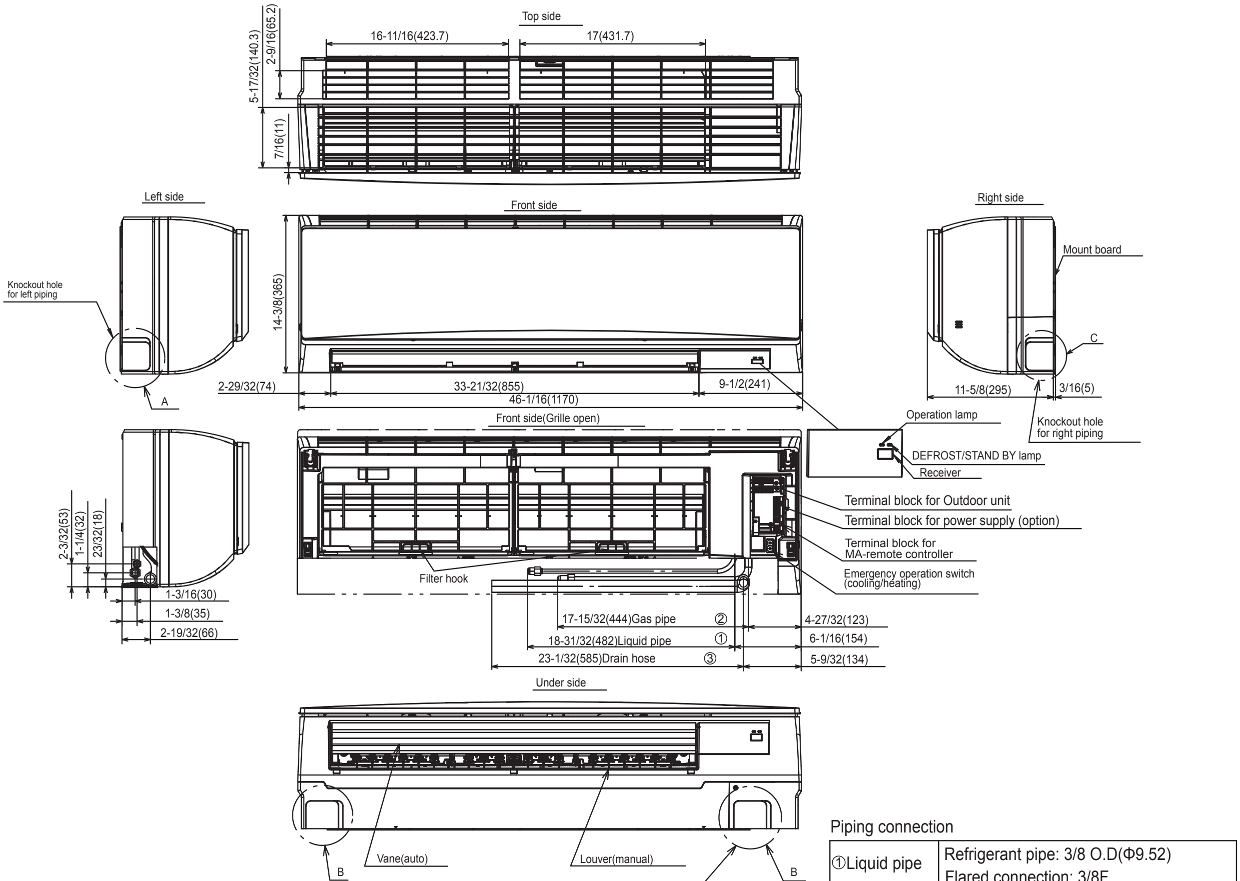


Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

PKA-A24KA6 PKA-A30KA6 PKA-A36KA6

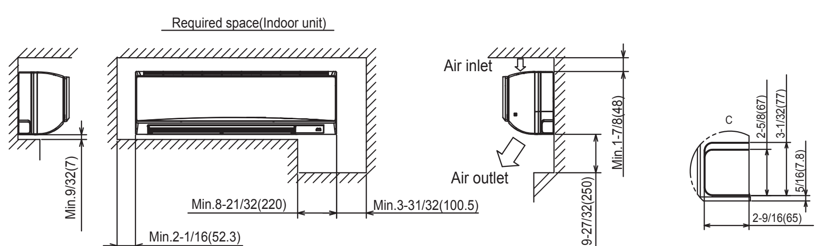
Unit: inch (mm)

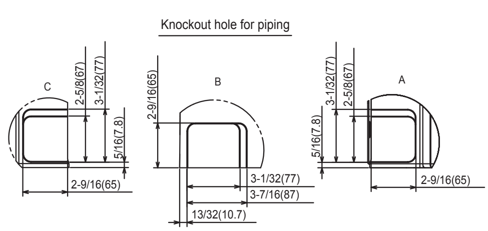


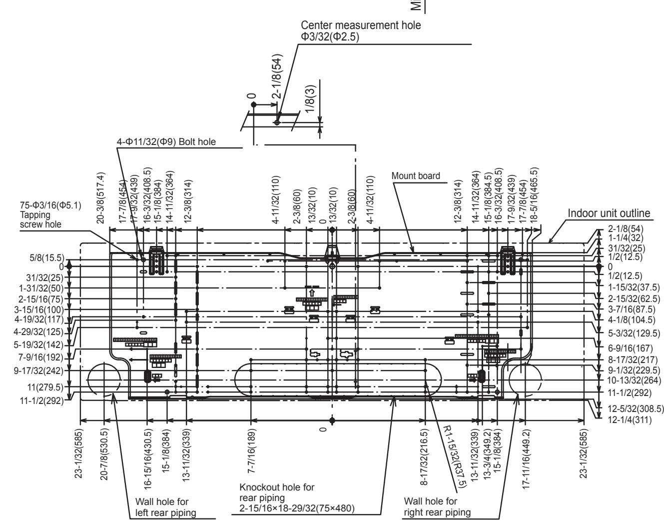
Sleeve (purchased locally)	Through hole
Φ2-15/16 (Φ75)	Φ2-15/16~Φ3-5/32 (Φ75~Φ80)

Piping connection

①Liquid pipe	Refrigerant pipe: 3/8 O.D(Φ9.52) Flared connection: 3/8F
②Gas pipe	Refrigerant pipe: 5/8 O.D(Φ15.88) Flared connection: 5/8F
③Drain hose	5/8(Φ16) O.D





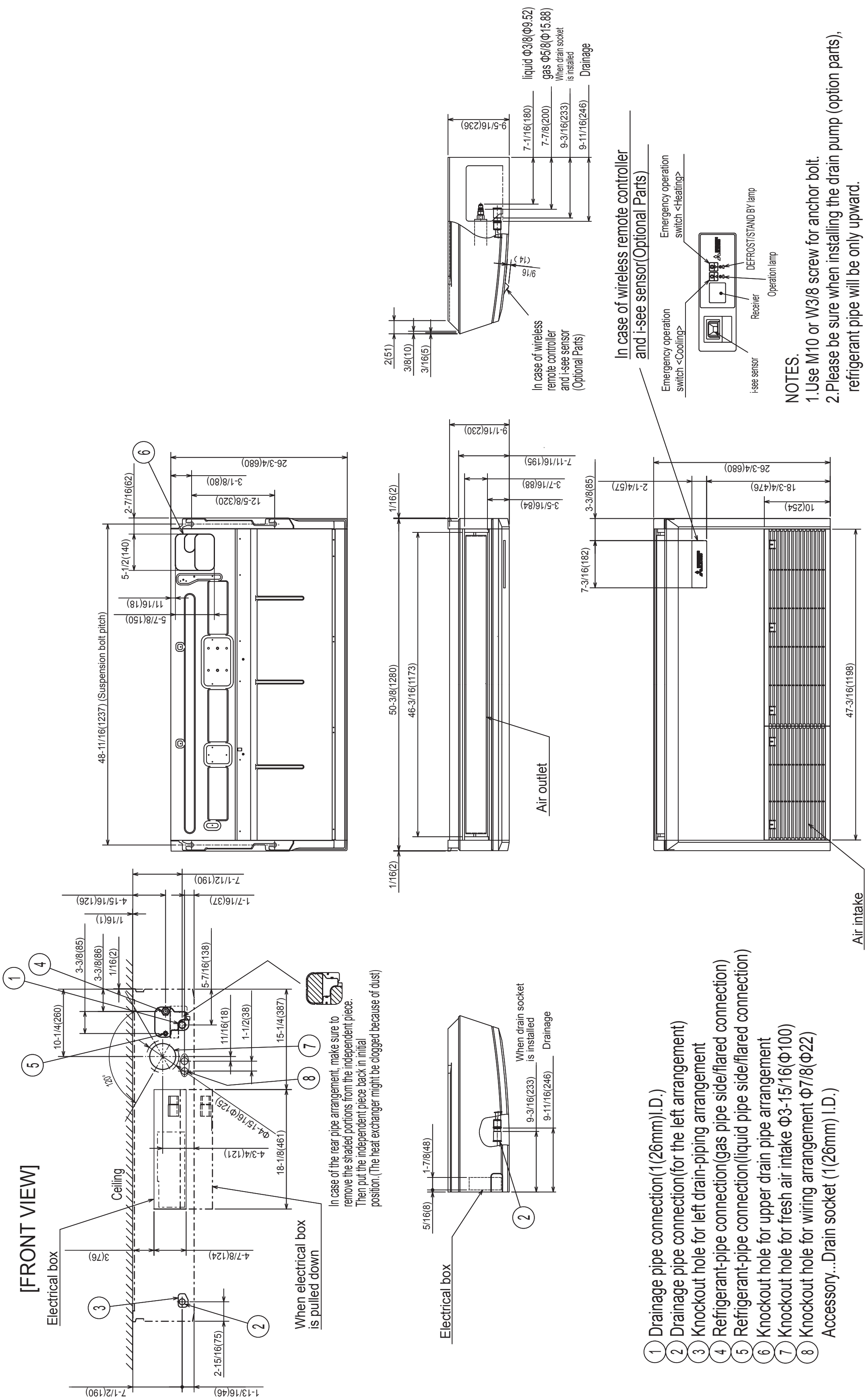


Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

PCA-A24KA6 PCA-A30KA6

Unit: inch (mm)

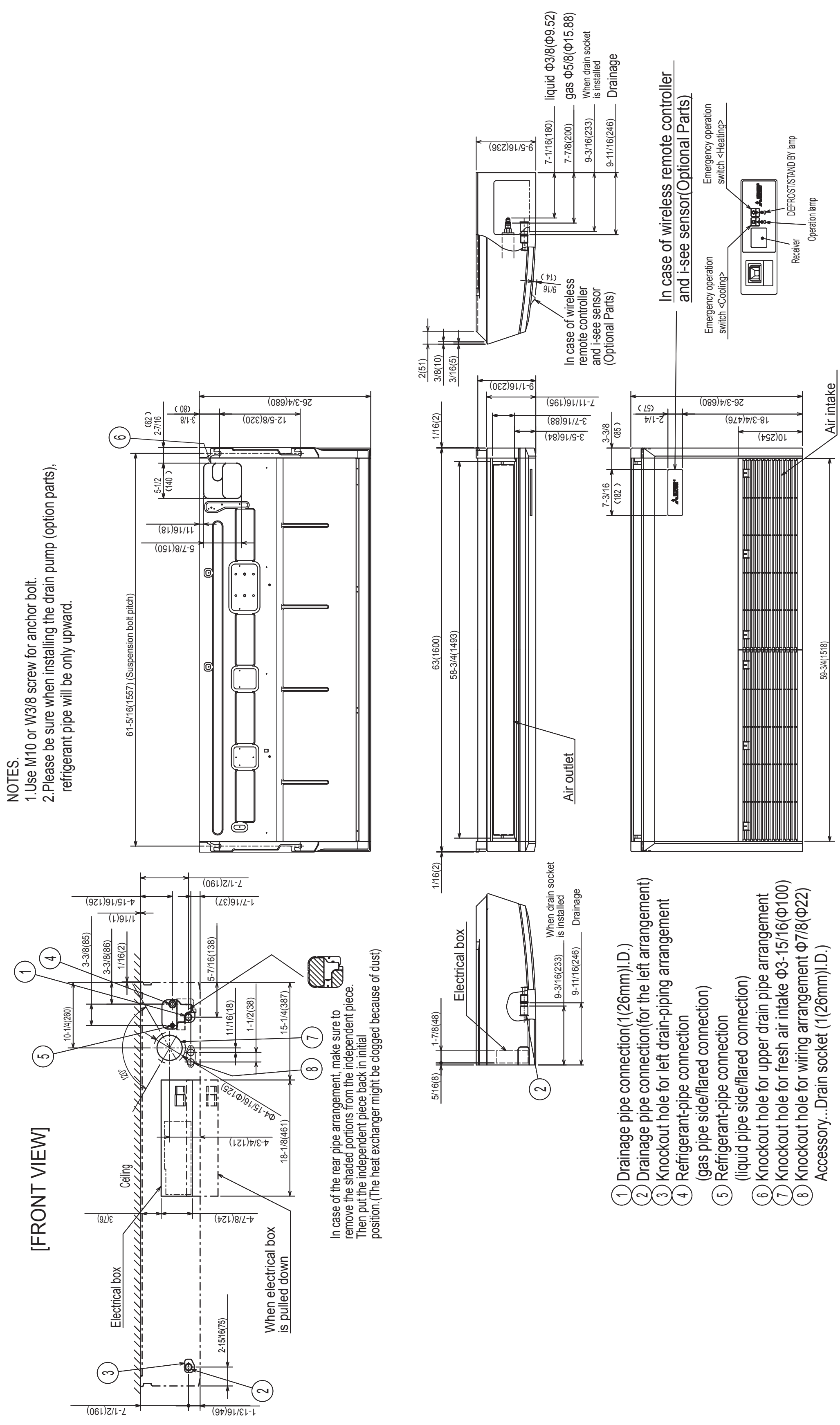


Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

PCA-A36KA6 PCA-A42KA6

Unit: inch (mm)

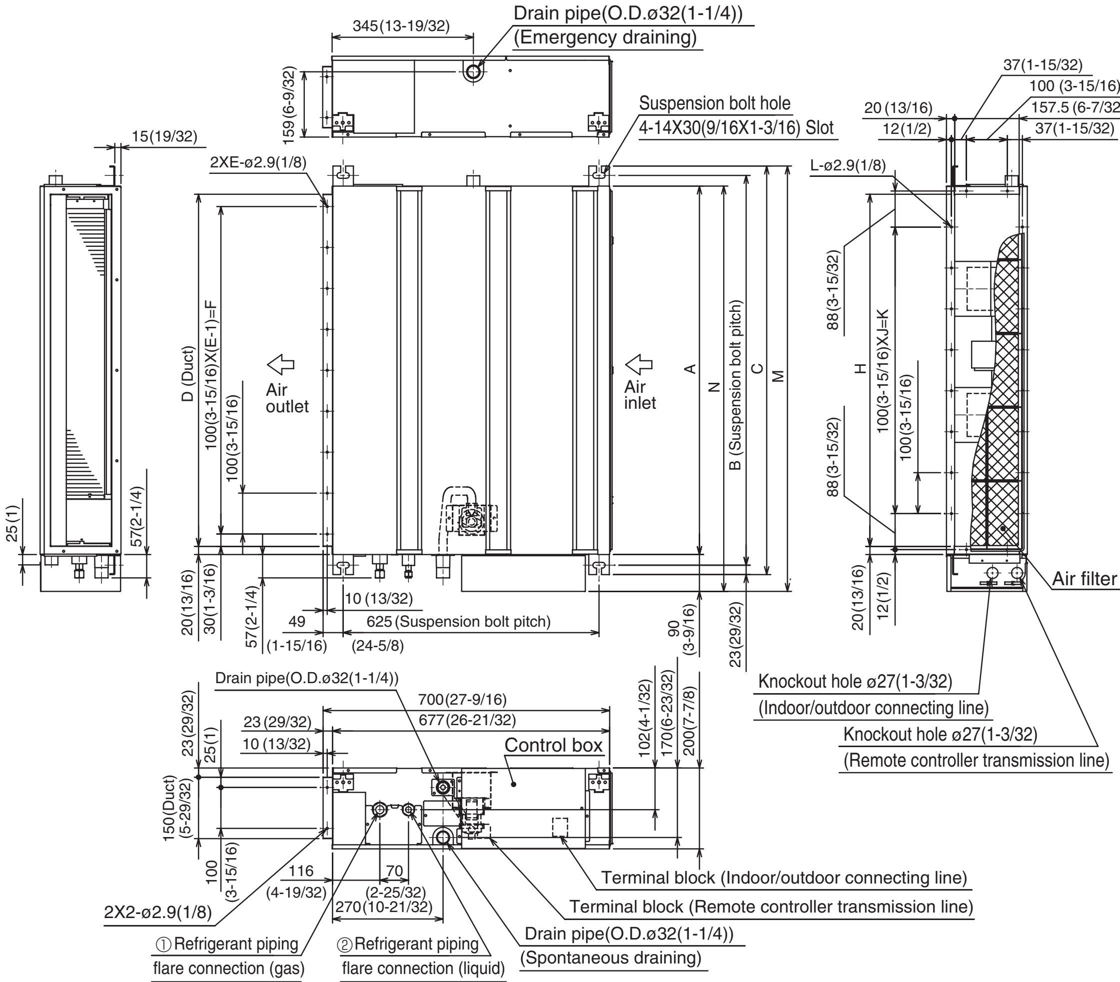


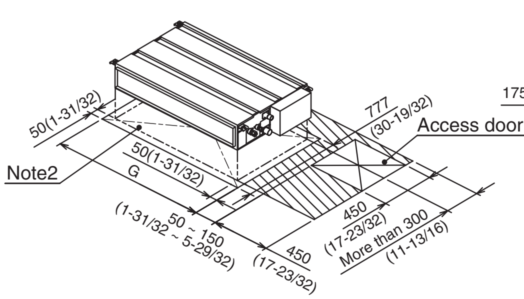
Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

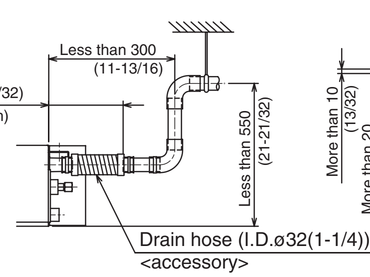
PEA-A12AA6 PEA-A18AA6

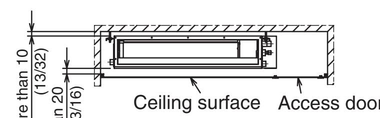
Unit: mm (inch)





Required space for service and maintenance





Make the access door at the appointed position properly for service maintenance.

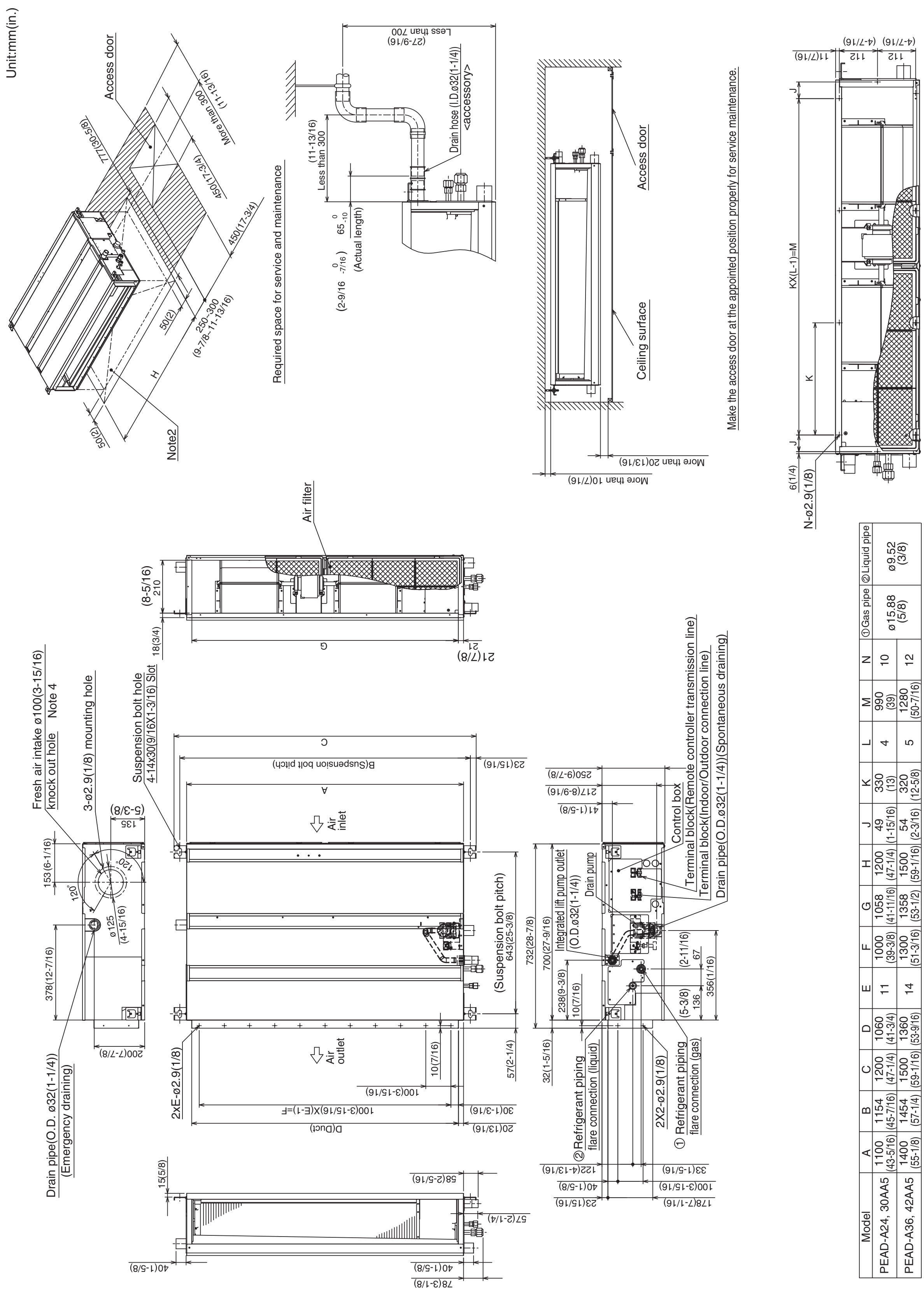
mm(in.)

Model	A	B	C	D	E	F		H	J	G K	L	M	N	① Gas pipe	② Liquid pipe
PEA-A12AA6	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-29/32)	990 (39)	ø12.7(1/2)	ø6.35(1/4)
PEA-A18AA6	1100 (43-5/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-7/16)	24	1239 (48-25/32)	1190 (46-7/8)		

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 PEA-A12AA6 model, which has 2 fans.
PEA-A18AA6 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.

Due to continuing improvement, above specification may be subject to change without notice.

PEAD-A24AA5 PEAD-A30AA5 PEAD-A36AA5 PEAD-A42AA5   Unit: mm (inch)



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	①Gas pipe	②Liquid pipe
PEAD-A24, 30AA5	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)	1200 (47-1/4)	49 (1-15/16)	330 (13)	4	990 (39)	10	ø15.88 (5/8)	ø9.52 (3/8)
PEAD-A36, 42AA5	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)	1500 (59-1/16)	54 (2-3/16)	320 (12-5/8)	5	1280 (50-7/16)	12		

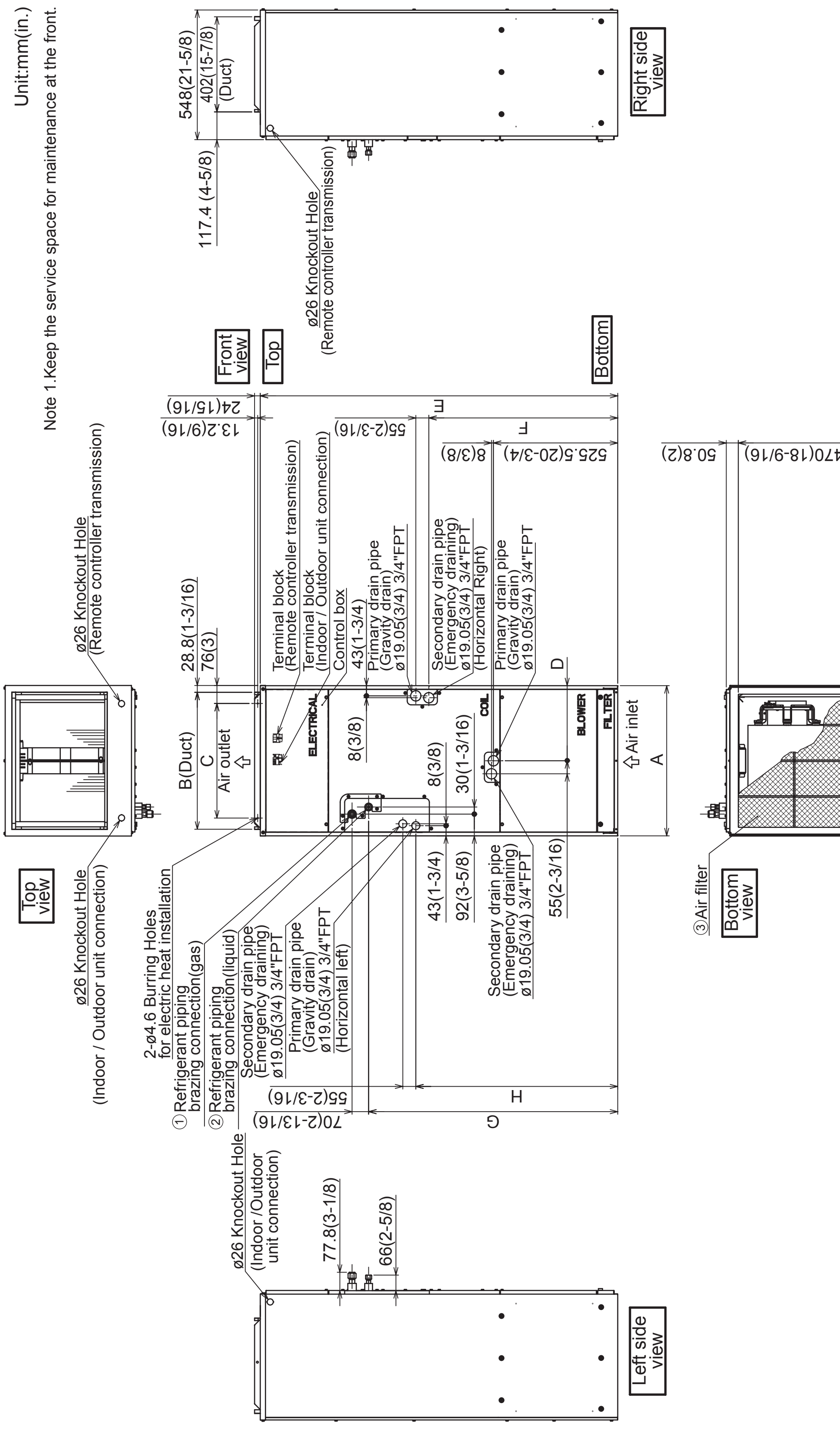
NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-A24·30·36·42AA4 models,which have 2 fans.
4. In case of the inlet duct is used,remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

PVA-A30AA4 PVA-A36AA4 PVA-A42AA4

Unit: mm (inch)



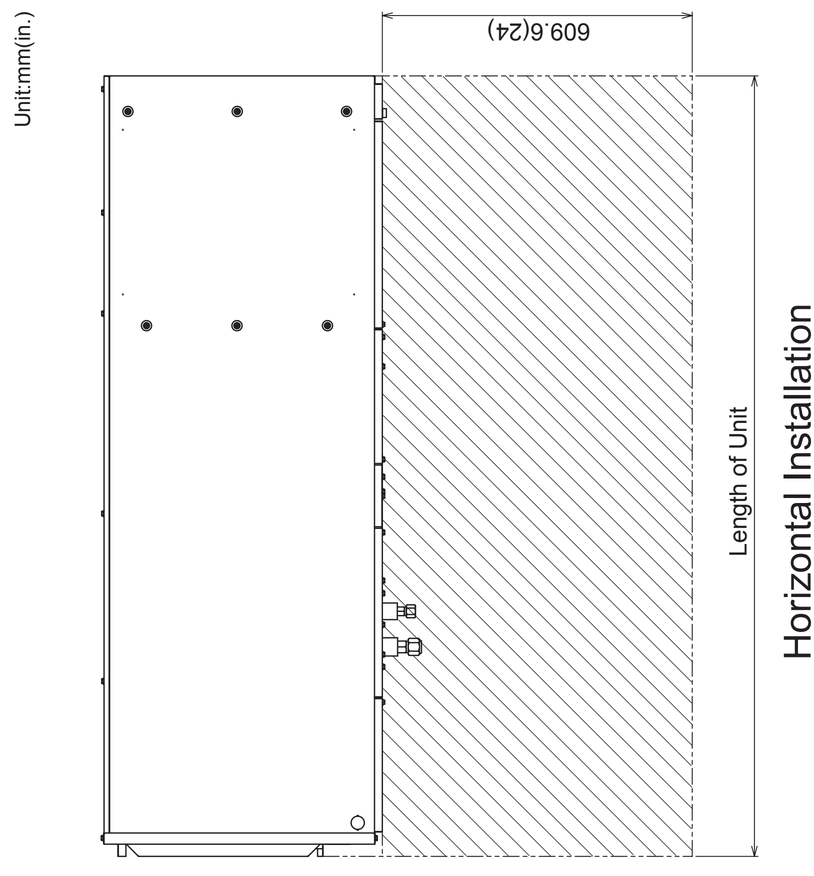
Model	A	B	C	D	E	F	G	H	J	① Gas pipe	② Liquid pipe
PVA-A30AA4	534 (21)	477 (18-13/16)	382.6 (15-1/8)	266.5 (10-1/2)	1378 (54-1/4)	737 (29-1/16)	953.5 (37-9/16)	792 (31-3/16)	461 (18-3/16)	Ø15.88 (5/8)	Ø9.52 (3/8)
PVA-A36AA4 PVA-A42AA4	635 (25)	579 (22-13/16)	484.6 (19-1/8)	317.5 (12-1/2)	1511 (59-1/2)	798.5 (31-7/16)	1053 (41-1/2)	853.5 (33-5/8)	563 (22-3/16)		

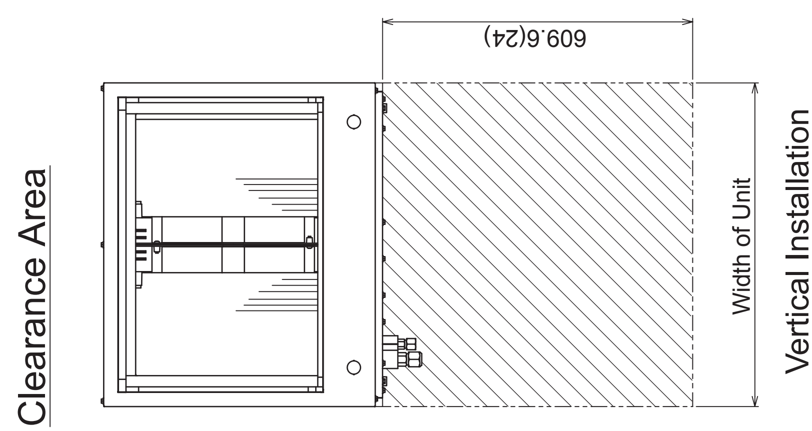
Model	③ Nominal Filter size	Duct Connection
PVA-A30AA4	508X508X25.4 (20X20X1)	477X402 (18-13/16X15-7/8)
PVA-A36AA4 PVA-A42AA4	508X609.6X25.4 (20X24X1)	579X402 (22-13/16X15-7/8)

Due to continuing improvement, above specification may be subject to change without notice.

PVA-A30AA4 PVA-A36AA4 PVA-A42AA4
Service space

Unit: mm (inch)



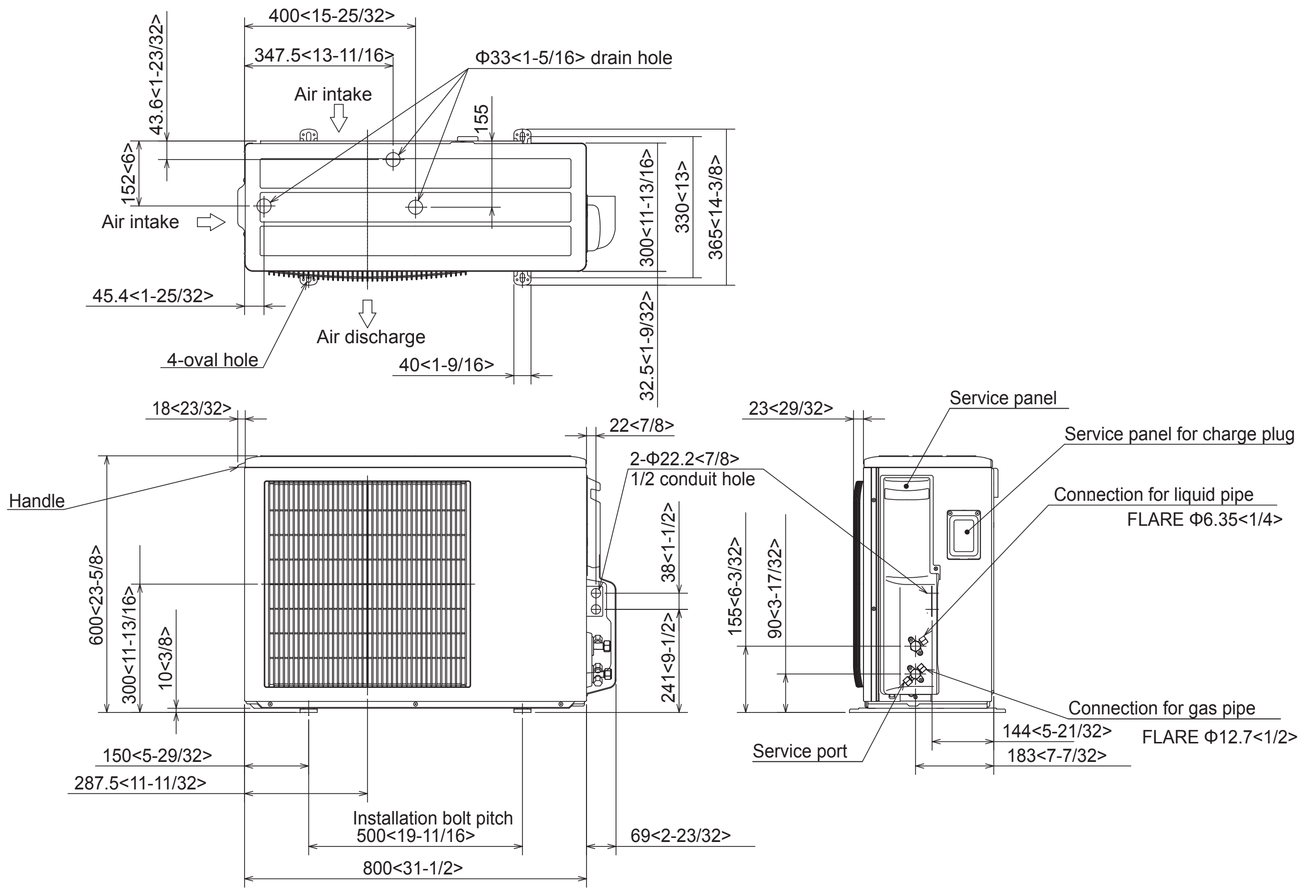


Due to continuing improvement, above specification may be subject to change without notice.

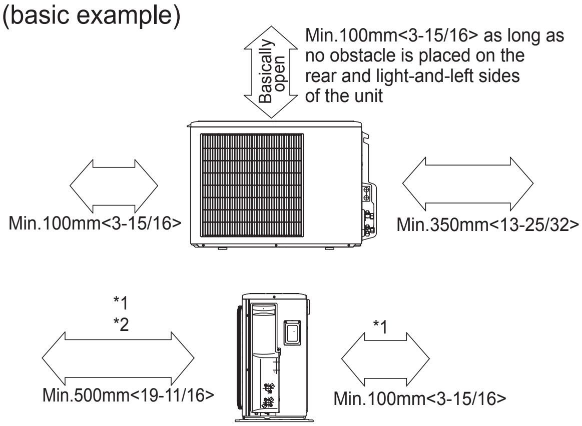
3. OUTLINES AND DIMENSIONS

3-2. OUTDOOR UNIT
PUZ-A18NHA6 PUZ-A18NHA6-BS PUY-A12/18NHA6 PUY-A12/18NHA6-BS

Unit: mm (inch)



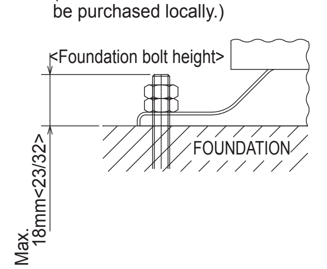
Free space around the outdoor unit
(basic example)



2 sides should be open in the right, left and rear side.

FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation M10<W3/8> bolts. (Bolts, washers and nut must be purchased locally.)



PIPING-WIRING DIRECTION

Piping and wiring connection can be made from the rear direction only.

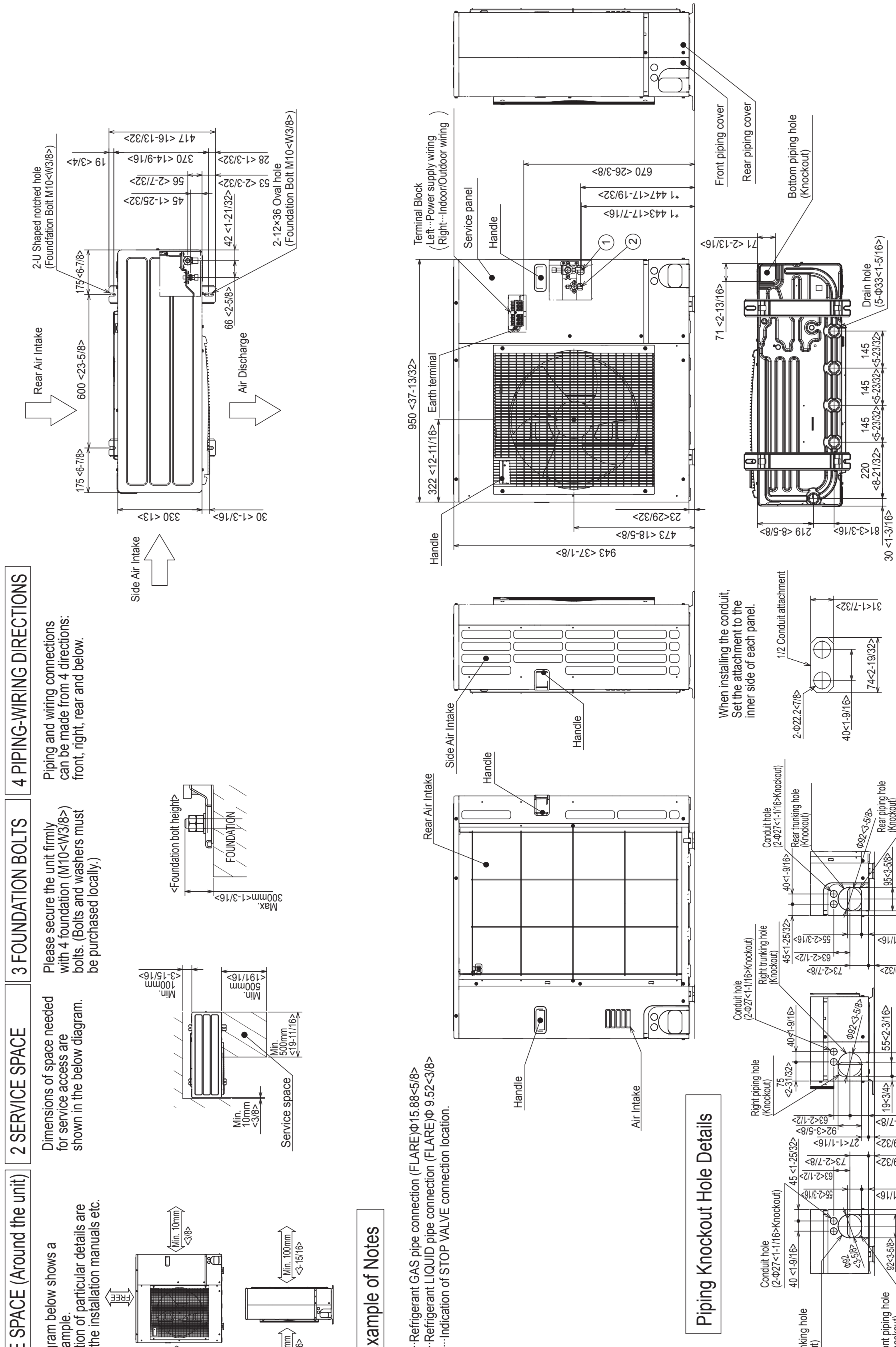
Minimum installation space for outdoor unit

*1 In the place where short cycle tends to occur, cooling and heating capacity and power consumption might get lowered 10%. Air outlet guide (optional PAC-SG58SG-E) will help them improve.
*2 If air discharges to the wall, the surface might get stained.

Due to continuing improvement, above specification may be subject to change without notice.

PUZ-A24/30/36NHA6 PUZ-A24/30/36NHA6-BS
PUY-A24/30/36NHA6 PUY-A24/30/36NHA6-BS

Unit: mm (inch)

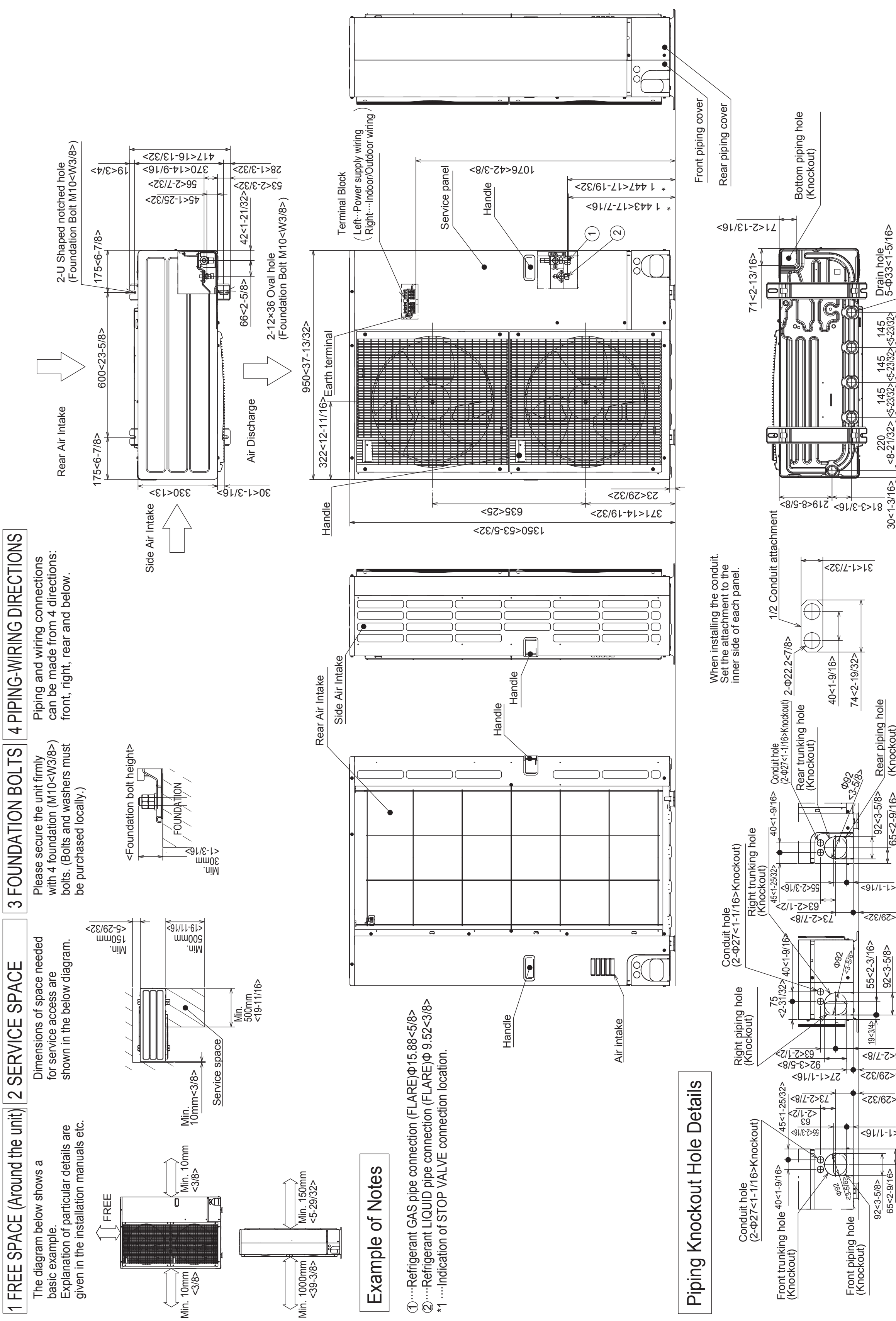


Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

PUZ-A42NHA6 PUZ-A42NHA6-BS PUY-A42NHA6 PUY-A42NHA6-BS

Unit: mm (inch)

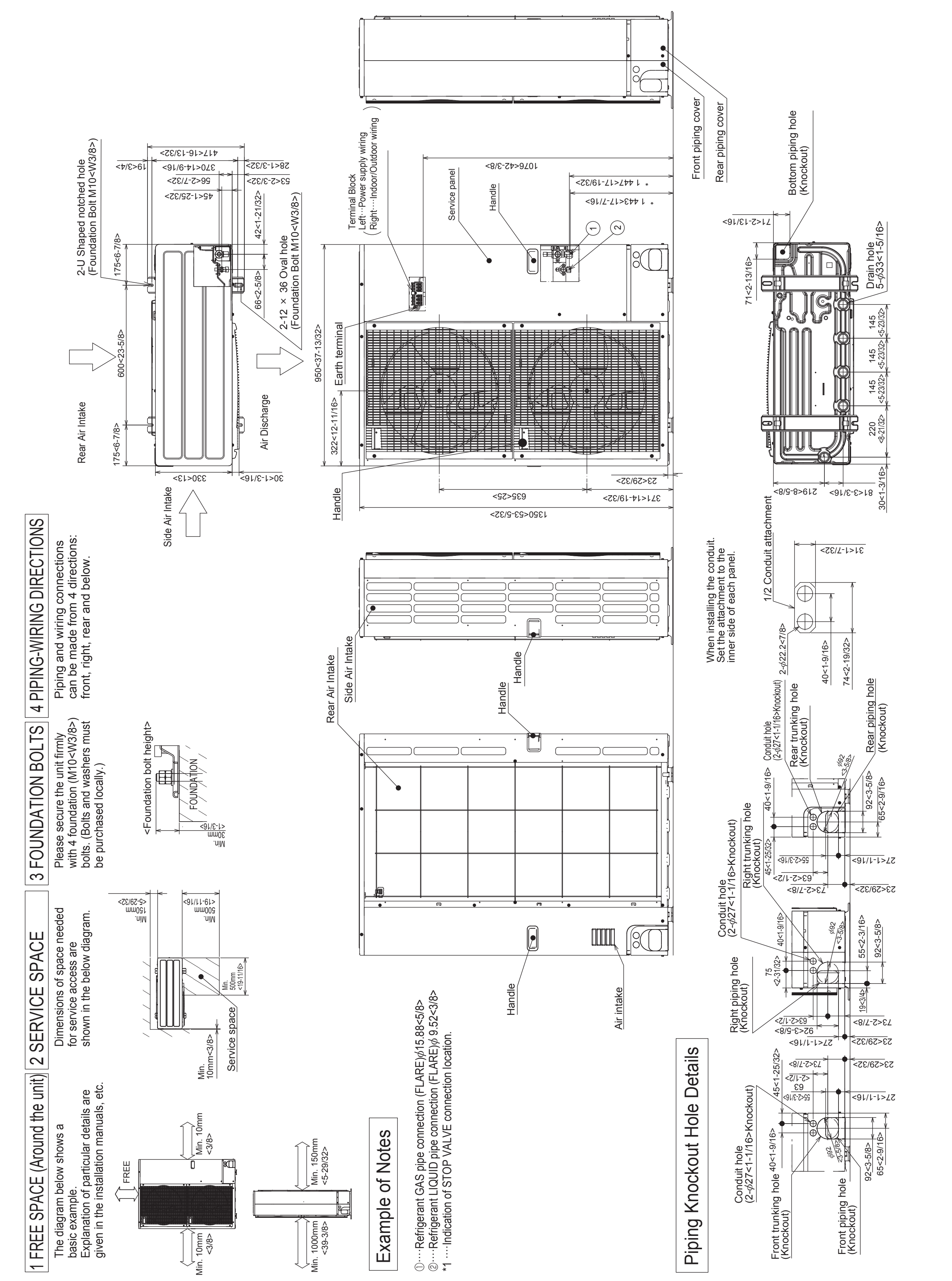


Due to continuing improvement, above specification may be subject to change without notice.

MITSUBISHI ELECTRIC CORPORATION

PUZ-HA30NHA5 PUZ-HA36NHA5

Unit: mm (inch)

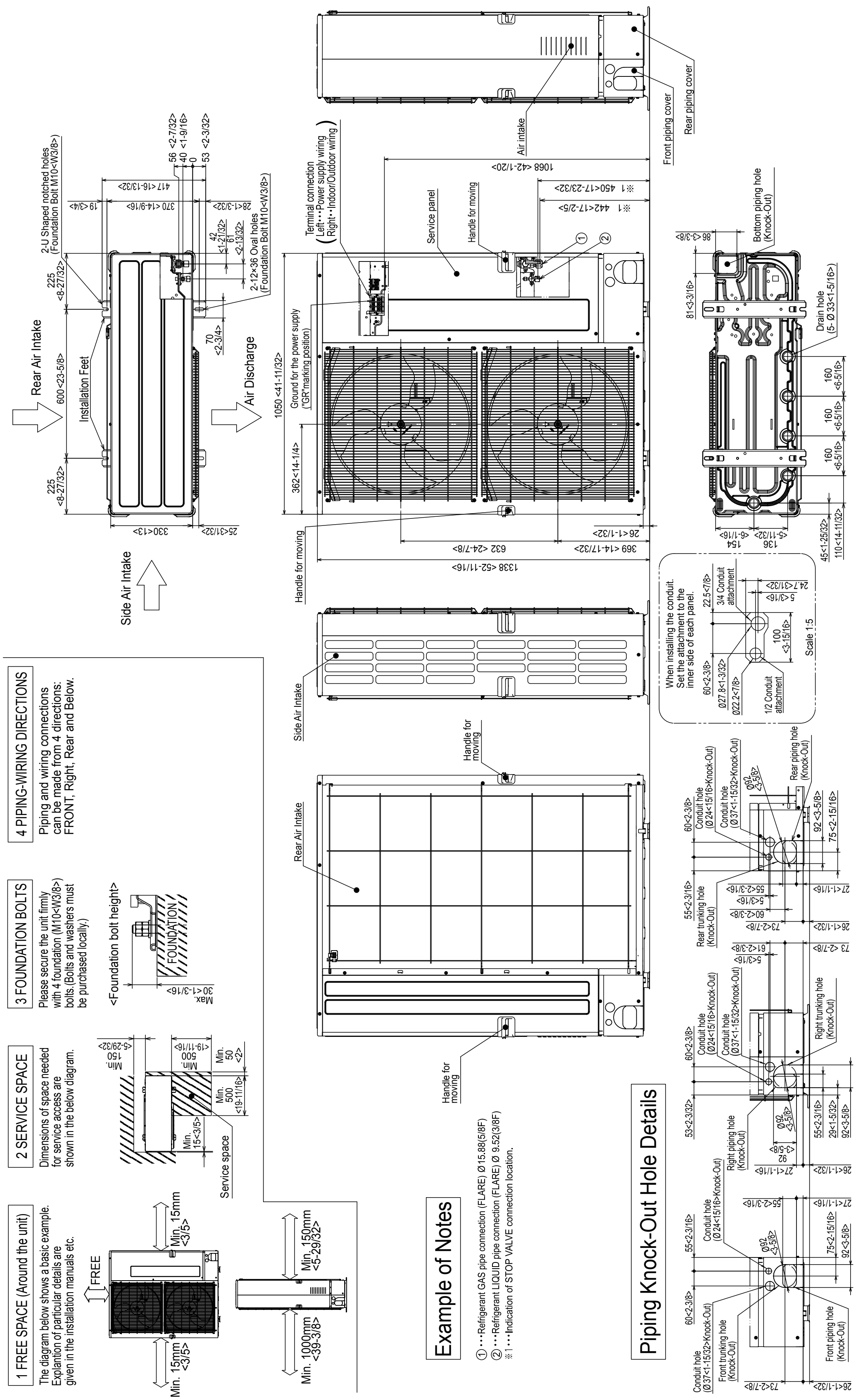


Due to continuing improvement, above specification may be subject to change without notice.

3. OUTLINES AND DIMENSIONS

PUZ-HA42NKA

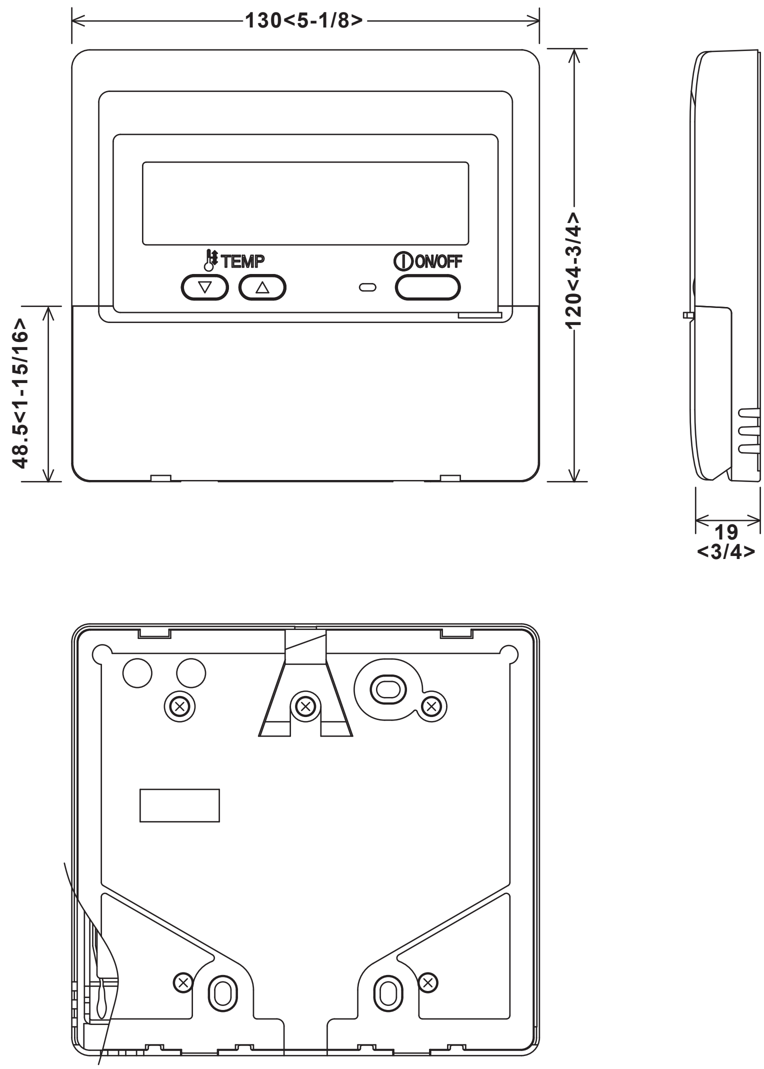
Unit: mm (inch)



Due to continuing improvement, above specification may be subject to change without notice.

3-3. WIRED REMOTE CONTROLLER

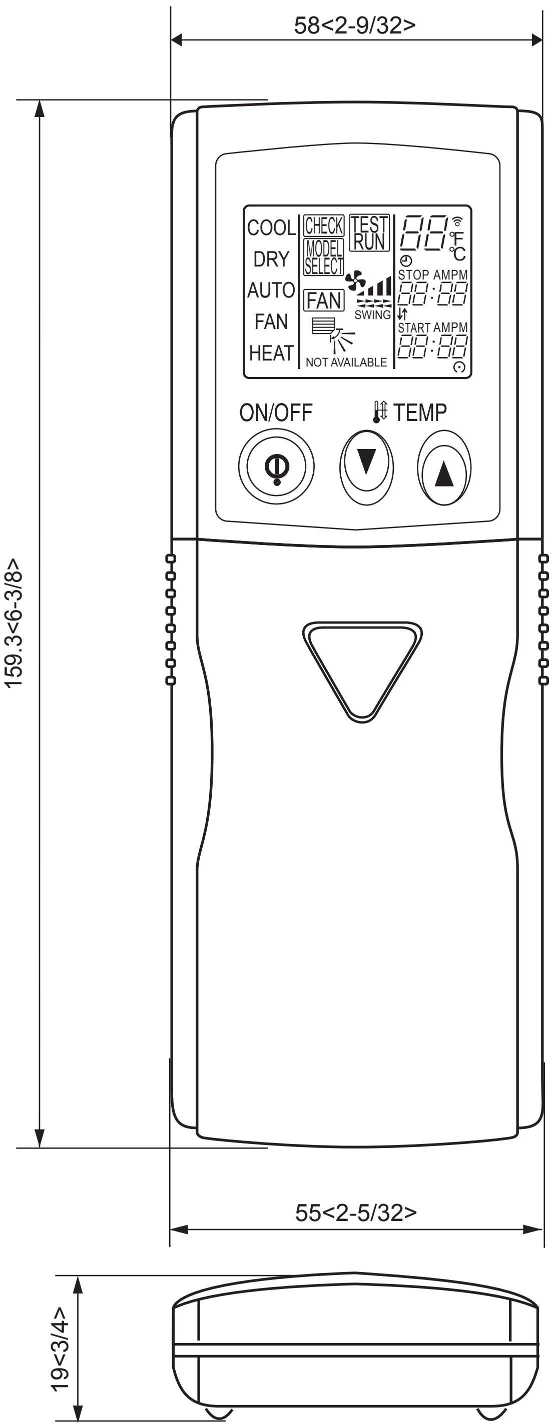
Unit: mm (inch)



Due to continuing improvement, above specification may be subject to change without notice.

3-4. WIRELESS REMOTE CONTROLLER

Unit: mm (inch)

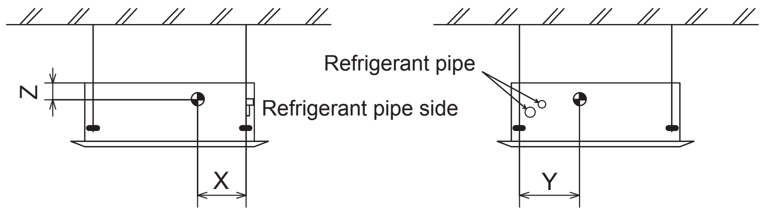


Due to continuing improvement, above specification may be subject to change without notice.

4. POSITION OF THE CENTER OF GRAVITY

4-1. INDOOR UNIT

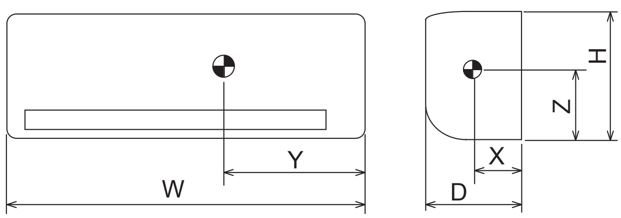
PLA-A·BA6



Unit: inch (mm)

Model name	X	Y	Z
PLA-A12BA6	11-1/32 (280)	15-3/4 (400)	4-5/32 (105)
PLA-A18BA6	11-1/32 (280)	15-3/4 (400)	4-5/32 (105)
PLA-A24BA6	11-1/32 (280)	15-3/4 (400)	4-5/32 (105)
PLA-A30BA6	11-1/32 (280)	15-3/4 (400)	4-5/32 (105)
PLA-A36BA6	11-1/32 (280)	15-3/4 (400)	4-15/16 (125)
PLA-A42BA6	11-1/32 (280)	15-3/4 (400)	4-15/16 (125)

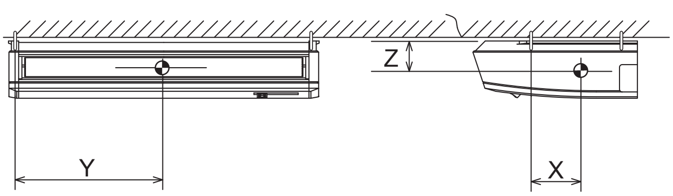
PKA-A·HA6
PKA-A·KA6



Unit: inch (mm)

Model name	W	D	H	X	Y	Z
PKA-A12HA6	35-3/8 (898)	9-13/16 (249)	11-5/8 (295)	4-3/4 (120)	15-3/8 (390)	6-5/16 (160)
PKA-A18HA6	35-3/8 (898)	9-13/16 (249)	11-5/8 (295)	4-3/4 (120)	15-3/8 (390)	6-5/16 (160)
PKA-A24KA6	46-1/8 (1170)	11-5/8 (295)	14-3/8 (365)	7-1/2 (190)	18-1/8 (460)	7-1/2 (190)
PKA-A30KA6	46-1/8 (1170)	11-5/8 (295)	14-3/8 (365)	7-1/2 (190)	18-1/8 (460)	7-1/2 (190)
PKA-A36KA6	46-1/8 (1170)	11-5/8 (295)	14-3/8 (365)	7-1/2 (190)	18-1/8 (460)	7-1/2 (190)

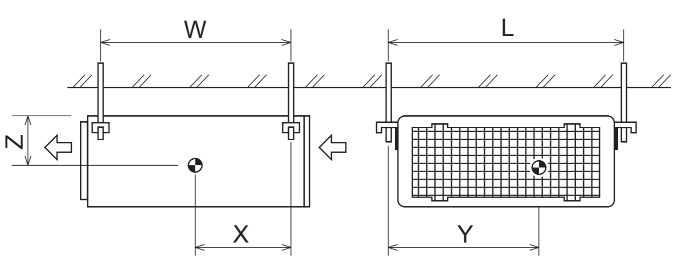
PCA-A·KA6



Unit: inch (mm)

Model name	X	Y	Z
PCA-A24KA6	4-3/8 (110)	24-1/16 (610)	4-9/16 (115)
PCA-A30KA6	4-3/8 (110)	24-1/16 (610)	4-9/16 (115)
PCA-A36KA6	4-3/8 (110)	30-3/8 (770)	4-9/16 (115)
PCA-A42KA6	4-3/8 (110)	30-3/8 (770)	4-9/16 (115)

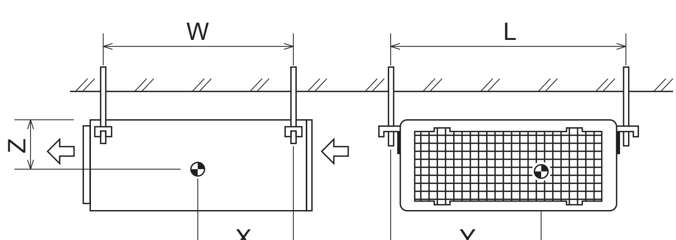
PEA-A·AA6



Unit: inch (mm)

Model name	W	L	X	Y	Z
PEA-A12AA6	24-10/16 (625)	37-8/16 (952)	11-5/16 (286)	17-11/16 (448)	4-2/16 (104)
PEA-A18AA6	24-10/16 (625)	45-6/16 (1152)	11-4/16 (285)	20-12/16 (527)	4-2/16 (104)

PEAD-A·AA5



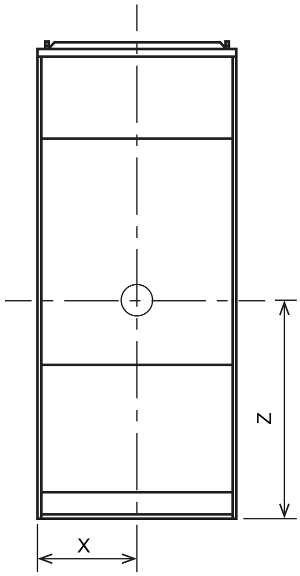
Unit: inch (mm)

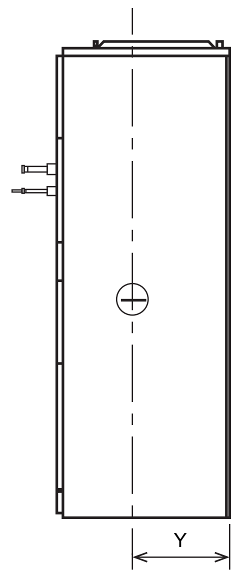
Model name	W	L	X	Y	Z
PEAD-A24AA5	25-6/16 (643)	45-7/16 (1154)	12-13/16 (325)	20-11/16 (525)	5-2/16 (130)
PEAD-A30AA5	25-6/16 (643)	45-7/16 (1154)	12-13/16 (325)	20-11/16 (525)	5-2/16 (130)
PEAD-A36AA5	25-6/16 (643)	57-4/16 (1454)	13 (330)	26-10/16 (675)	5-2/16 (130)
PEAD-A42AA5	25-6/16 (643)	57-4/16 (1454)	13 (330)	26-10/16 (675)	5-2/16 (130)

Due to continuing improvement, above specification may be subject to change without notice.

4. POSITION OF THE CENTER OF GRAVITY

PVA-A•AA4

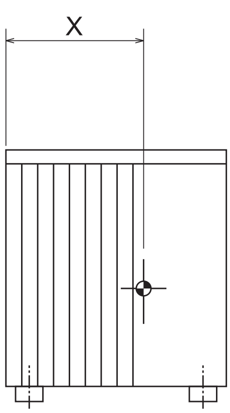


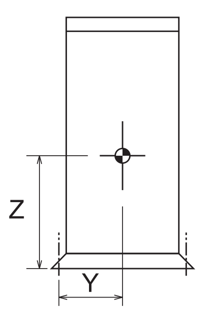


Unit: inch (mm)

Model name	X	Y	Z
PVA-A30AA4	11-1/16 (280)	11-7/16 (290	26 (660)
PVA-A36AA4 PVA-A42AA4	13-7/16 (340)	11-13/16 (300)	28 (710)

4-2. OUTDOOR UNIT





Unit: inch (mm)

Model name	X	Y	Z
PUZ(Y)-A12/18NHA6	20-5/64 (510)	6-1/2 (165)	11-27/64 (290)
PUZ(Y)-A24/30/36NHA6	23-15/64 (590)	7-9/32 (185)	15-55/64 (403)
PUZ(Y)-A42NHA6	23-15/64 (590)	7-9/32 (185)	19-11/16 (500)
PUZ-HA30/36NHA5	23-15/64 (590)	7-9/32 (185)	19-11/16 (500)
PUZ-HA42NKA	26 (660)	7-3/32 (180)	21-27/32 (555)

Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

5-1. INDOOR UNIT

PLA-A12BA6 PLA-A18BA6 PLA-A24BA6 PLA-A30BA6 PLA-A36BA6 PLA-A42BA6

[LEGEND]

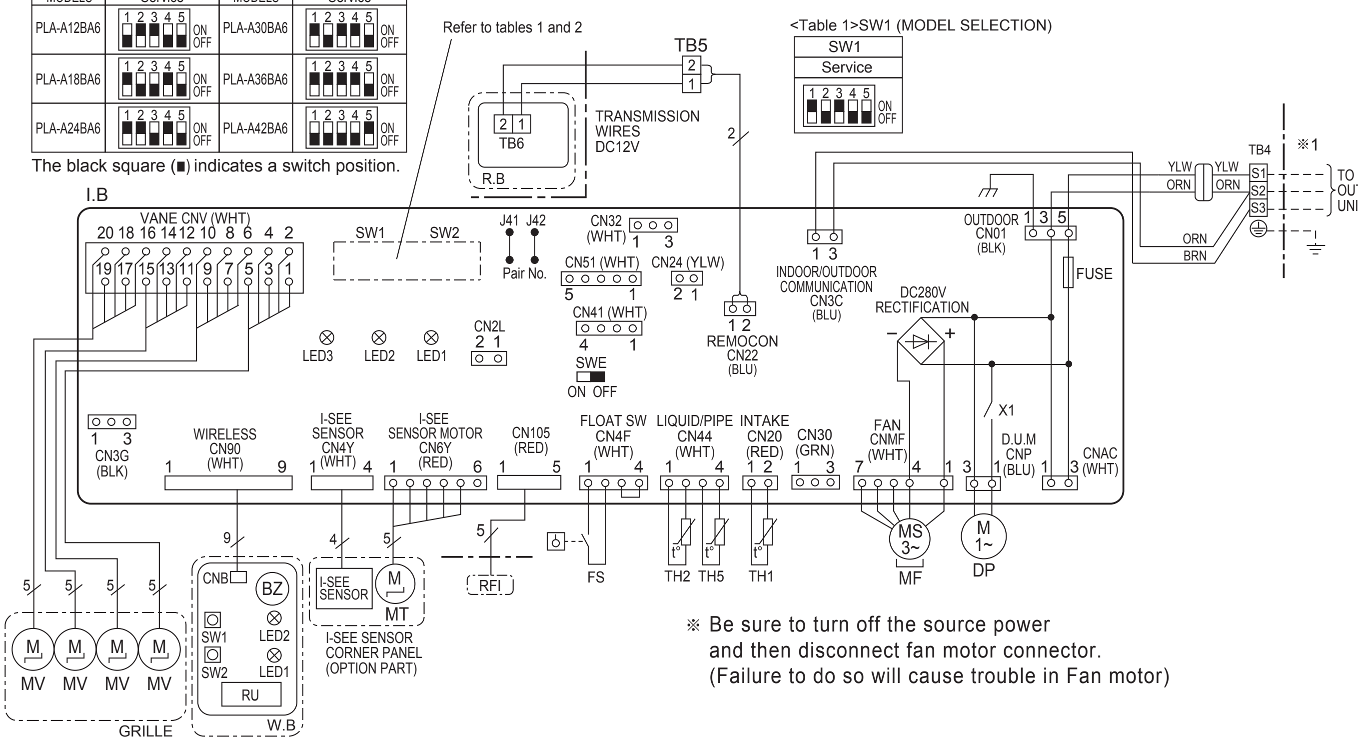
SYMBOL		NAME
I.B		INDOOR CONTROLLER BOARD
	CN2L	CONNECTOR (LOSSNAY)
	CN24	CONNECTOR <BACK-UP HEATING>
	CN30	CONNECTOR <LLC>
	CN32	CONNECTOR (REMOTE SWITCH)
	CN41	CONNECTOR (HA TERMINAL-A)
	CN51	CONNECTOR (CENTRALLY CONTROL)
	CN105	CONNECTOR (RADIO FREQUENCY INTERFACE)
	FUSE	FUSE (T6.3AL250V)
	LED1	POWER SUPPLY (I.B)
	LED2	POWER SUPPLY (R.B)
	LED3	TRANSMISSION (INDOOR-OUTDOOR)
	SW1	SWITCH (MODEL SELECTION) ※See table 1
	SW2	SWITCH (CAPACITY CODE) ※See table 2
	SWE	CONNECTOR (EMERGENCY OPERATION)
	X1	RELAY (DRAIN PUMP)
DP		DRAIN PUMP
FS		DRAIN FLOAT SWITCH
RFI		RADIO FREQUENCY INTERFACE FOR RF THERMOSTAT

SYMBOL			NAME
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 (32°F / 15kΩ, 77°F / 5.4kΩ DETECT)
TH2			PIPE TEMP. THERMISTOR/LIQUID (32°F / 15kΩ, 77°F / 5.4kΩ DETECT)
TH5			COND. / EVA. TEMP. THERMISTOR (32°F / 15kΩ, 77°F / 5.4kΩ DETECT)
OPTION PART			
	W.B		PCB FOR IR WIRELESS REMOTE CONTROLLER
		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)
	R.B		WIRED REMOTE CONTROLLER BOARD
		TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)

<Table 2>SW2 (CAPACITY CODE)

SW2			
MODELS	Service	MODELS	Service
PLA-A12BA6	1 2 3 4 5 ON OFF	PLA-A30BA6	1 2 3 4 5 ON OFF
PLA-A18BA6	1 2 3 4 5 ON OFF	PLA-A36BA6	1 2 3 4 5 ON OFF
PLA-A24BA6	1 2 3 4 5 ON OFF	PLA-A42BA6	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.



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

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

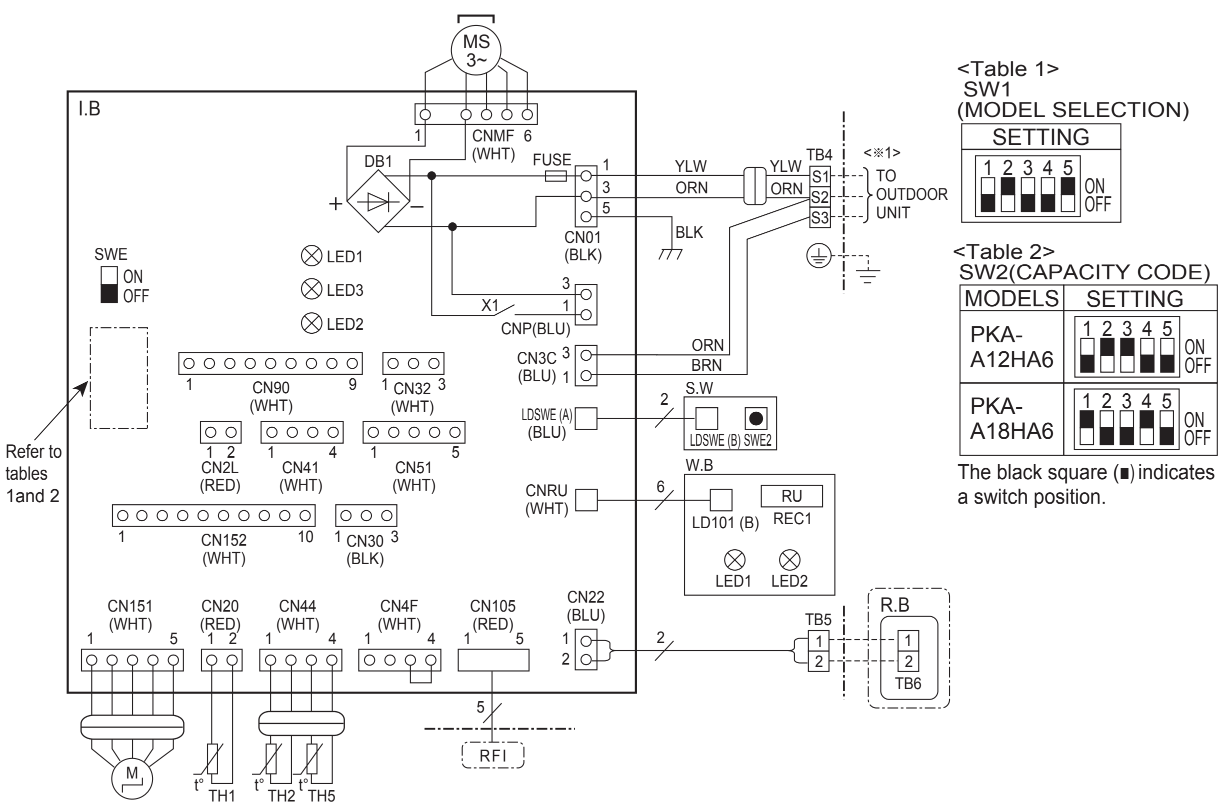
Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PKA-A12HA6 PKA-A18HA6

[LEGEND]

Symbol	Name	Symbol	Name
I.B	Indoor controller board	M	Vane motor
CN2L	Connector (LOSSNAY)	MS	Fan motor
CN30	Connector (LLC)	S.W	Switch board
CN32	Connector (Remote switch)	SWE2	Emergency operation
CN41	Connector (HA terminal-A)	TB2	Terminal block (Indoor unit Power (option))
CN51	Connector (Centrally control)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Remote operation adapter)	TB5	Terminal block (Remote controller transmission line)
CN105	Connector (Radio frequency interface)	TH1	Room temp. Thermistor
CN152	Connector (Back-up heating)		(32°F/15KΩ, 77°F/5.4KΩ Detect)
FUSE	FUSE(T3.15AL250V)	TH2	Pipe temp. Thermistor/liquid
LED1	Power supply (I.B)		(32°F/15KΩ, 77°F/5.4KΩ Detect)
LED2	Power supply (R.B)	TH5	Cond./eva. temp. Thermistor
LED3	Transmission (Indoor-outdoor)		(32°F/15KΩ, 77°F/5.4KΩ Detect)
SW1	Switch (Model selection) ※See Table 1	W.B	Pcb for IR wireless remote controller
SW2	Switch (Capacity code) ※See Table 2	LED1	LED (Operation indication : Green)
SWE	Connector (Emergency operation)	LED2	LED (Preparation for heating : Orange)
RFI	Radio frequency interface for RF thermostat	REC1	Receiving unit
		OPTION PART	
		R.B	Wired remote controller board
		TB6	Terminal block (Remote controller transmission line)



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

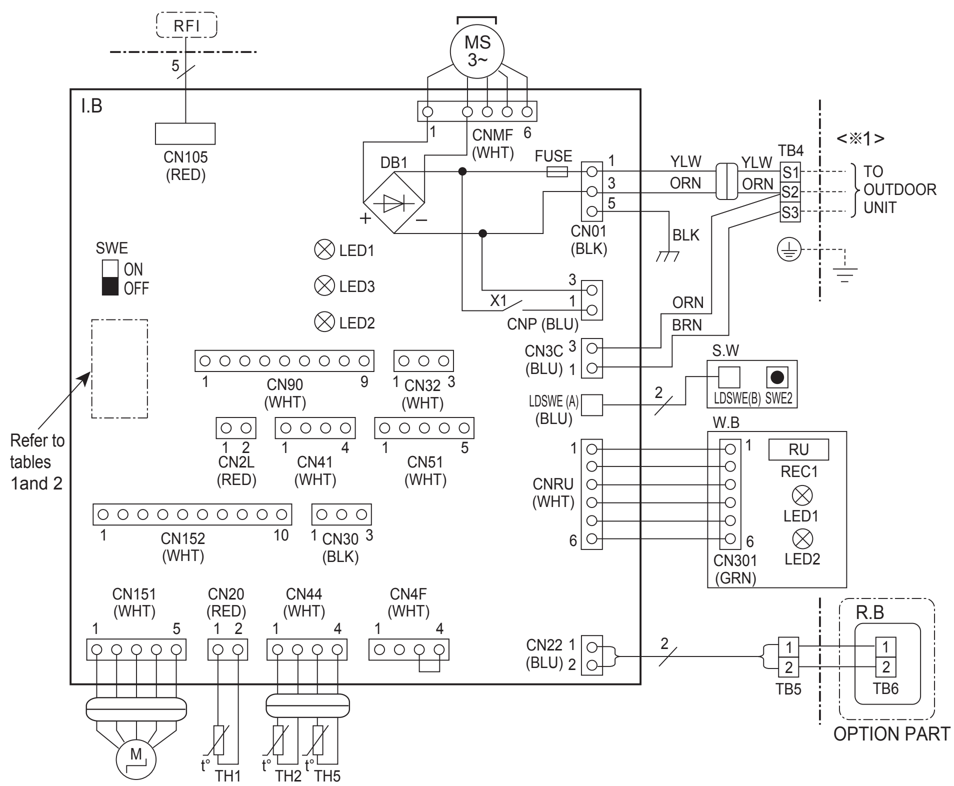
※1 : Use copper supply wires.

5. WIRING DIAGRAM

PKA-A24KA6 PKA-A30KA6 PKA-A36KA6

[Explanation of symbols]

Symbol	Name	Symbol	Name
I.B	Indoor controller board	M	Vane motor
CN2L	Connector (LOSSNAY)	MS	Fan motor
CN30	Connector (LLC)	S.W	Switch board
CN32	Connector (Remote switch)	SWE2	Emergency operation
CN41	Connector (HA terminal-A)	TB2	Terminal block(Indoor unit Power (option))
CN51	Connector (Centrally control)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Remote operation adapter)	TB5	Terminal block (Remote controller transmission line)
CN105	Connector (Radio frequency interface)	TH1	Room temp. Thermistor (32°F/15kΩ, 77°F/5.4kΩ Detect)
CN152	Connector (Back-up heating)		
FUSE	FUSE (T3.15AL250V)	TH2	Pipe temp. Thermistor/liquid (32°F/15kΩ, 77°F/5.4kΩ Detect)
LED1	Power supply (I.B)		
LED2	Power supply (R.B)	TH5	Cond./eva. temp. Thermistor (32°F/15kΩ, 77°F/5.4kΩ Detect)
LED3	Transmission (Indoor-outdoor)		
SW1	Switch (Model selection) ※See table 1	W.B	Pcb for IR wireless remote controller
SW2	Switch (Capacity code) ※See table 2	LED1	LED (Operation indication : Green)
SWE	Connector (Emergency operation)	LED2	LED (Preparation for heating: Orange)
R.B	Wired remote controller board	REC1	Receiving unit
TB6	Terminal block (Remote controller transmission line)	RFI	Radio frequency interface for RF thermostat



<Table 1>
SW1
(MODEL SELECTION)

SETTING
1 2 3 4 5 ON OFF

<Table 2>
SW2 (CAPACITY CODE)

MODELS	SETTING	MODELS	SETTING	MODELS	SETTING
PKA-A24KA6	1 2 3 4 5 ON OFF	PKA-A30KA6	1 2 3 4 5 ON OFF	PKA-A36KA6	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.

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

Due to continuing improvement, above specification may be subject to change without notice.

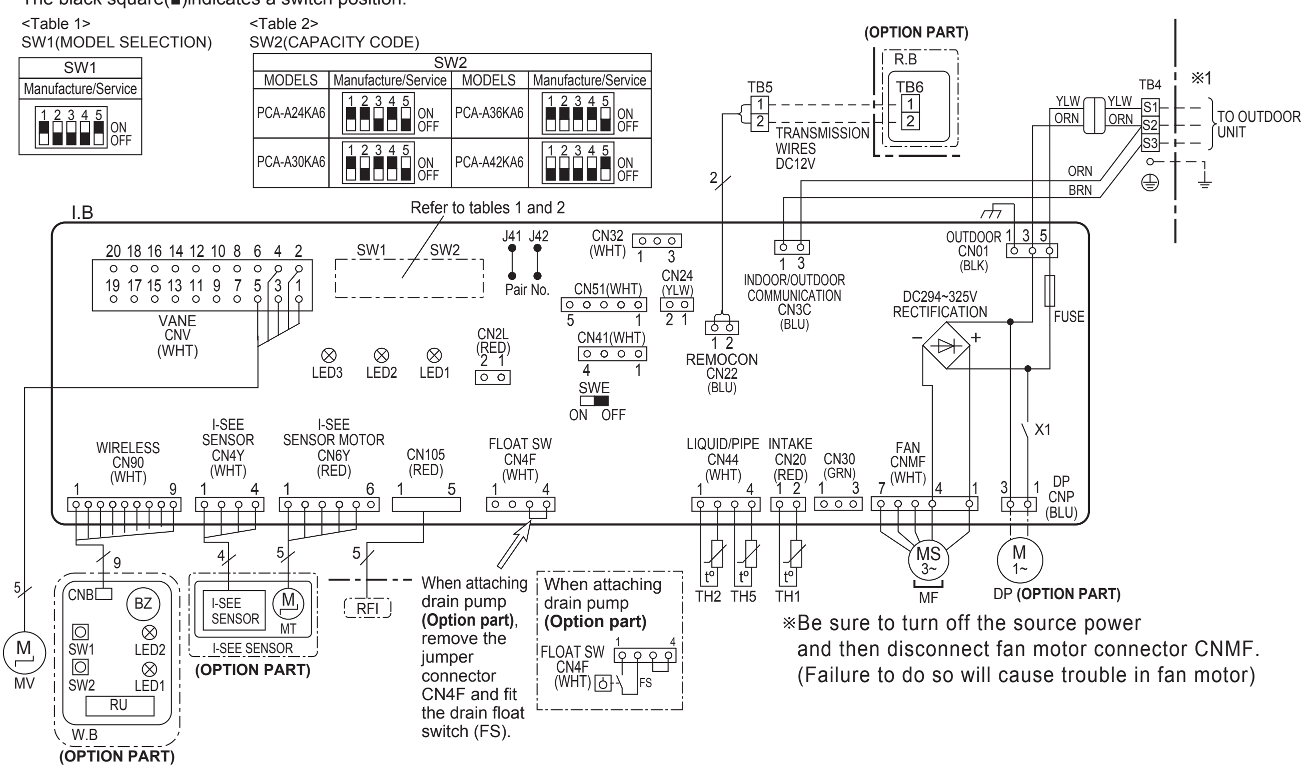
5. WIRING DIAGRAM

PCA-A24KA6 PCA-A30KA6 PCA-A36KA6 PCA-A42KA6

【LEGEND】

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN24	CONNECTOR (BACK-UP HEATING)		
CN30	CONNECTOR (LLC)	TH1	ROOM TEMP. THERMISTOR (32ºF / 15kΩ, 77ºF / 5.4kΩ DETECT)
CN32	CONNECTOR (REMOTE SWITCH)		
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (32ºF / 15kΩ, 77ºF / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)		
CN105	CONNECTOR (RADIO FREQUENCY INTERFACE)	TH5	COND. / EVA. TEMP. THERMISTOR (32ºF / 15kΩ, 77ºF / 5.4kΩ DETECT)
FUSE	FUSE (T6.3AL250V)		
LED1	POWER SUPPLY (I.B)	OPTION PARTS	
LED2	POWER SUPPLY (R.B)	W.B	PCB FOR IR WIRELESS REMOTE CONTROLLER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	BZ	BUZZER
SW1	SWITCH (MODEL SELECTION) ※See table 1	LED1	LED (OPERATION INDICATION : GREEN)
SW2	SWITCH (CAPACITY CODE) ※See table 2	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SWE	CONNECTOR (EMERGENCY OPERATION)	RU	RECEIVING UNIT
X1	RELAY (DRAIN PUMP)	SW1	EMERGENCY OPERATION (HEAT)
MF	FAN MOTOR	SW2	EMERGENCY OPERATION (COOL)
MV	VANE MOTOR	DP	DRAIN PUMP
RFI	RADIO FREQUENCY INTERFACE FOR RF THERMOSTAT	FS	DRAIN FLOAT SWITCH
		R.B	WIRED REMOTE CONTROLLER BOARD
		TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
		MT	I-SEE SENSOR MOTOR

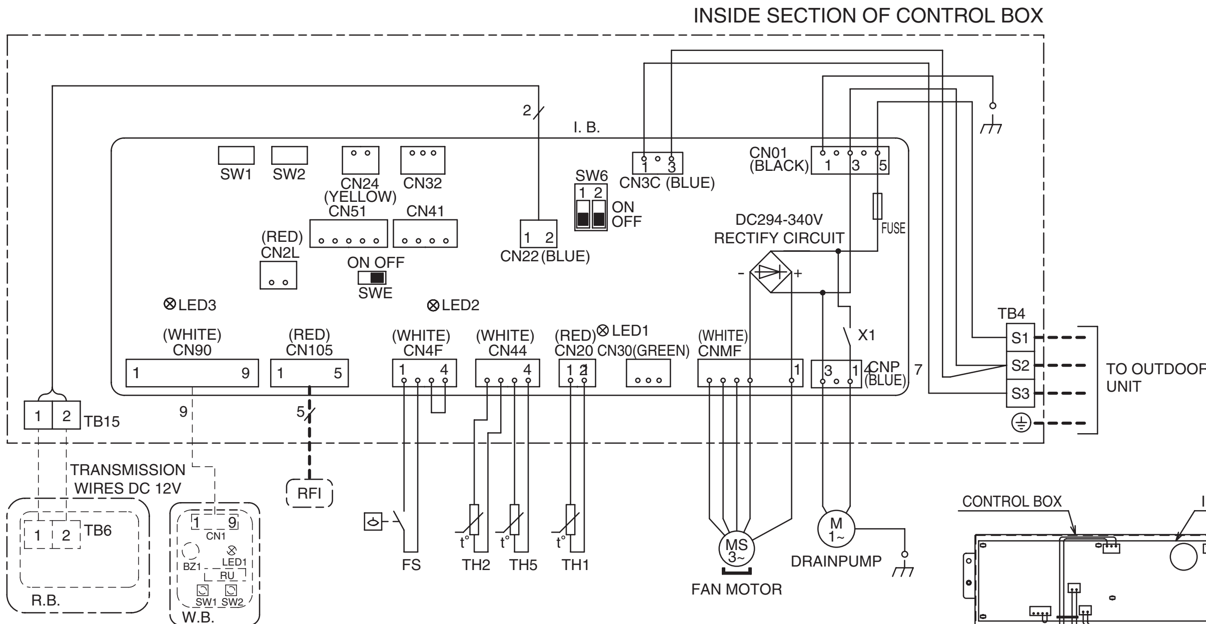
The black square(■)indicates a switch position.

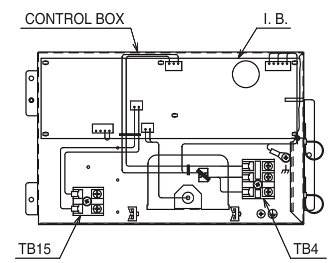


Notes: 1.Symbols used in wiring diagram above are, ⚬⚬⚬:Connector, ☐☐☐ :Terminal block.
2.Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3.Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
※1:Use copper supply wire.

5. WIRING DIAGRAM

PEA-A12AA6 PEA-A18AA6





PARTS LOCATION

SYMBOL EXPLANATION

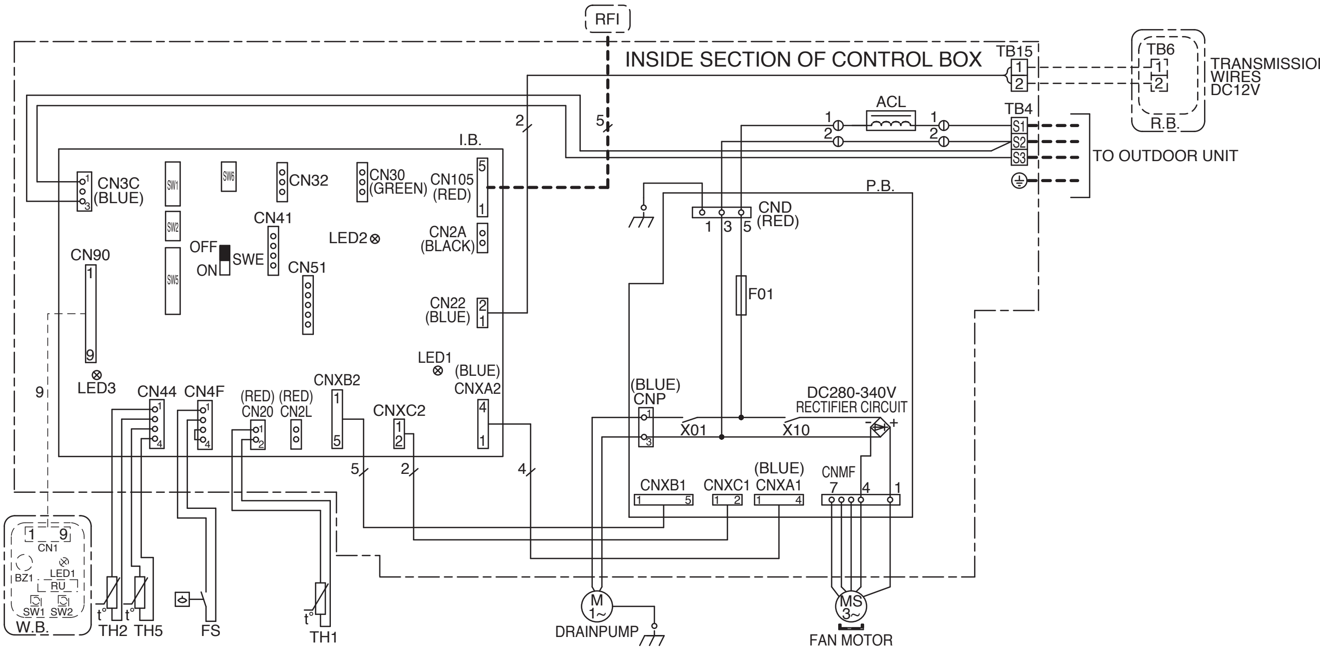
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	INDOOR CONTROLLER BOARD	I.B.	INDOOR CONTROLLER BOARD	OPTIONAL PARTS	
FUSE	FUSE AC250V 6.3A	SW1	SWITCH (FOR MODEL SELECTION)	W.B.	IR WIRELESS REMOTE CONTROLLER BOARD
X1	AUX. RELAY	SW2	SWITCH (FOR CAPACITY CODE)	RU	RECEIVING UNIT
CN2L	CONNECTOR (LOSSNAY)	SW6	SWITCH (FOR EMERGENCY OPERATION)	BZ1	BUZZER
CN24	CONNECTOR (BACK-UP HEATING)	SWE	CONNECTOR (EMERGENCY OPERATION)	LED1	LED (RUN INDICATOR)
CN30	CONNECTOR (LLC)	TH1	INTAKE AIR TEMP. THERMISTOR	SW1	SWITCH (HEATING ON/OFF)
CN32	CONNECTOR (REMOTE SWITCH)	TH2	PIPE TEMP. THERMISTOR/LIQUID	SW2	SWITCH (COOLING ON/OFF)
CN41	CONNECTOR (HA TERMINAL-A)	TH5	COND./EVA. TEMP. THERMISTOR	R.B.	REMOTE CONTROLLER BOARD
CN51	CONNECTOR (CENTRALLY CONTROL)	FS	FLOAT SWITCH	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN90	CONNECTOR (WIRELESS)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)		
CN105	CONNECTOR (RADIO FREQUENCY INTERFACE)				
LED1	POWER SUPPLY (I.B.)	TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)		
LED2	POWER SUPPLY (I.B.)				
LED3	TRANSMISSION (INDOOR-OUTDOOR)	RFI	RADIO FREQUENCY INTERFACE FOR RF THERMOSTAT		

Note1. 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 matchingterminal numbers (S1,S2,S3).
3. Symbols used in wiring diagram above are as follows.
:CONNECTOR
:TERMINAL
(HEAVY DOTTED LINE):FIELD WIRING
(THIN DOTTED LINE):OPTIONAL PARTS
4. Use copper supply wire.

Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PEAD-A24AA5 PEAD-A30AA5 PEAD-A36AA5 PEAD-A42AA5



SYMBOL EXPLANATION

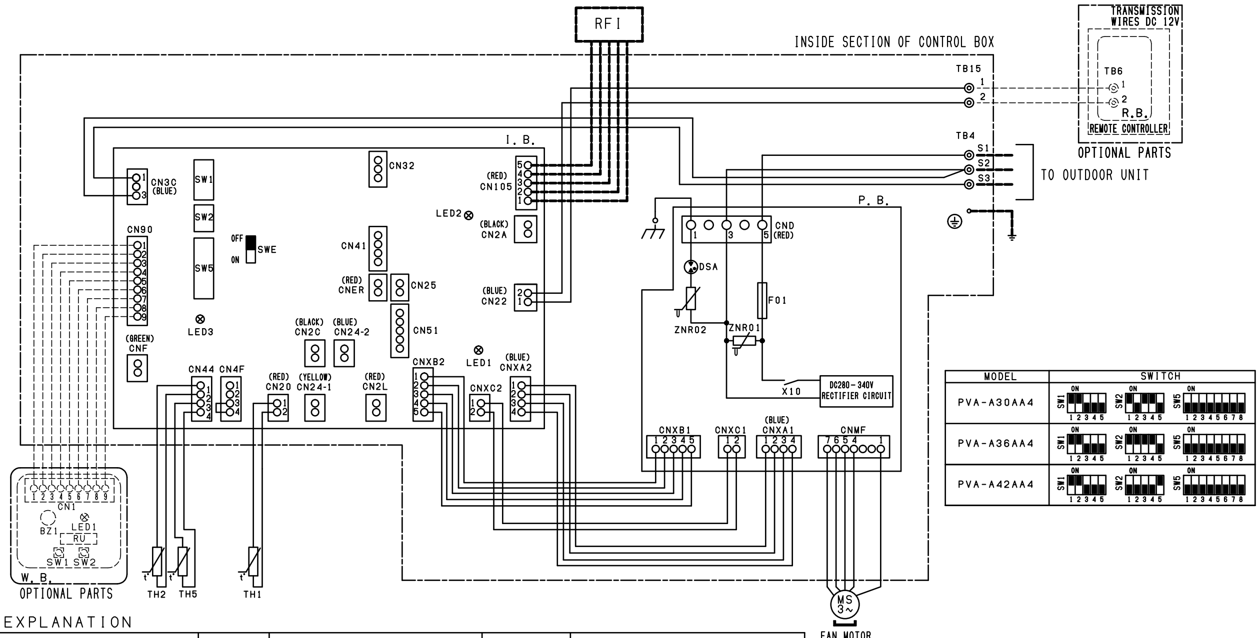
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	INDOOR CONTROLLER BOARD	I.B.	INDOOR CONTROLLER BOARD	OPTIONAL PARTS	
CN2A	CONNECTOR (0-10V ANALOG INPUT)	SWE	CONNECTOR (EMERGENCY OPERATION)	W.B.	IR WIRELESS REMOTE CONTROLLER BOARD
CN2L	CONNECTOR (LOSSNAY)	P.B.	POWER SUPPLY BOARD	RU	RECEIVING UNIT
CN30	CONNECTOR (LLC)	F01	FUSE AC250V 6.3A	BZ1	BUZZER
CN32	CONNECTOR (REMOTE SWITCH)	X01	AUX. RELAY	LED1	LED (RUN INDICATOR)
CN41	CONNECTOR (HA TERMINAL-A)	X10	AUX. RELAY	SW1	SWITCH (HEATING ON/OFF)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH1	INTAKE AIR TEMP. THERMISTOR	SW2	SWITCH (COOLING ON/OFF)
CN90	CONNECTOR (WIRELESS)	TH2	PIPE TEMP. THERMISTOR/LIQUID	R.B.	WIRED REMOTE CONTROLLER BOARD
CN105	CONNECTOR (RADIO FREQUENCY INTERFACE)	TH5	COND./EVA.TEMP. THERMISTOR	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
LED1	LED (POWER SUPPLY)	ACL	AC REACTOR (POWER FACTOR IMPROVEMENT)		
LED2	LED (REMOTE CONTROLLER SUPPLY)	FS	FLOAT SWITCH		
LED3	LED (TRANSMISSION INDOOR-OUTDOOR)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)		
SW1	SWITCH (FOR MODE SELECTION)				
SW2	SWITCH (FOR CAPACITY CODE)	TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)		
SW5	SWITCH (FOR MODEL SELECTION)				
SW6	SWITCH (FOR MODEL SELECTION)	RFI	RADIO FREQUENCY INTERFACE FOR RF THERMOSTAT		

Note1. 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 matchingterminal numbers (S1,S2,S3).
3. Symbols used in wiring diagram above are as follows.
   - :CONNECTOR
   - :TERMINAL
   - (HEAVY DOTTED LINE):FIELD WIRING
   - (THIN DOTTED LINE):OPTIONAL PARTS
4. Use copper supply wire.

Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PVA-A30AA4 PVA-A36AA4 PVA-A42AA4



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	INDOOR CONTROLLER BOARD	I.B.	INDOOR CONTROLLER BOARD	OPTIONAL PARTS	
CN24-1	CONNECTOR (HEATER CONTROL 1ST)	SW1	SWITCH (FOR MODEL SELECTION)	W.B.	IR WIRELESS REMOTE CONTROLLER BOARD
CN24-2	CONNECTOR (HEATER CONTROL 2ND)	SW2	SWITCH (FOR CAPACITY CODE)	RU	RECEIVING UNIT
CN25	CONNECTOR (HUMIDITY OUTPUT)	SW5	SWITCH (FOR MODE SELECTION)	BZ1	BUZZER
CN2A	CONNECTOR (0-10V ANALOG INPUT)	SWE	CONNECTOR (EMERGENCY OPERATION)	LED1	LED(RUN INDICATOR)
CN2C	CONNECTOR (ERV OUTPUT)	P.B.	POWER SUPPLY BOARD	SW1	SWITCH(HEATING ON/OFF)
CN2L	CONNECTOR (LOSSNAY)	F01	FUSE AC250V 6.3A	SW2	SWITCH(COOLING ON/OFF)
CN32	CONNECTOR (REMOTE SWITCH)	ZNR01,02	VARISTOR	R.B.	WIRED REMOTE CONTROLLER BOARD
CN41	CONNECTOR (HA TERMINAL-A)	DSA	ARRESTOR	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	X10	AUX. RELAY		
CN90	CONNECTOR (WIRELESS)	TH1	INTAKE AIR TEMP. THERMISTOR		
CN105	CONNECTOR (RADIO FREQUENCY INTERFACE)	TH2	PIPE TEMP. THERMISTOR/LIQUID		
CNER	CONNECTOR (ERV INPUT)	TH5	COND./EVA.TEMP. THERMISTOR		
CNF	CONNECTOR (HUMIDITY INPUT)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)		
LED1	LED(POWER SUPPLY)				
LED2	LED(REMOTE CONTROLLER SUPPLY)	TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)		
LED3	LED(TRANSMISSION INDOOR-OUTDOOR)				
		RFI	RADIO FREQUENCY INTERFACE FOR RF THERMOSTAT		

Note1. 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 as follows.
:CONNECTOR
:TERMINAL
(HEAVY DOTTED LINE):FIELD WIRING
(THIN DOTTED LINE):OPTIONAL PARTS
4. Use copper supply wire.
UTILISER DES FILS D'ALIMENTATION EN CUIVRE.

Due to continuing improvement, above specification may be subject to change without notice.

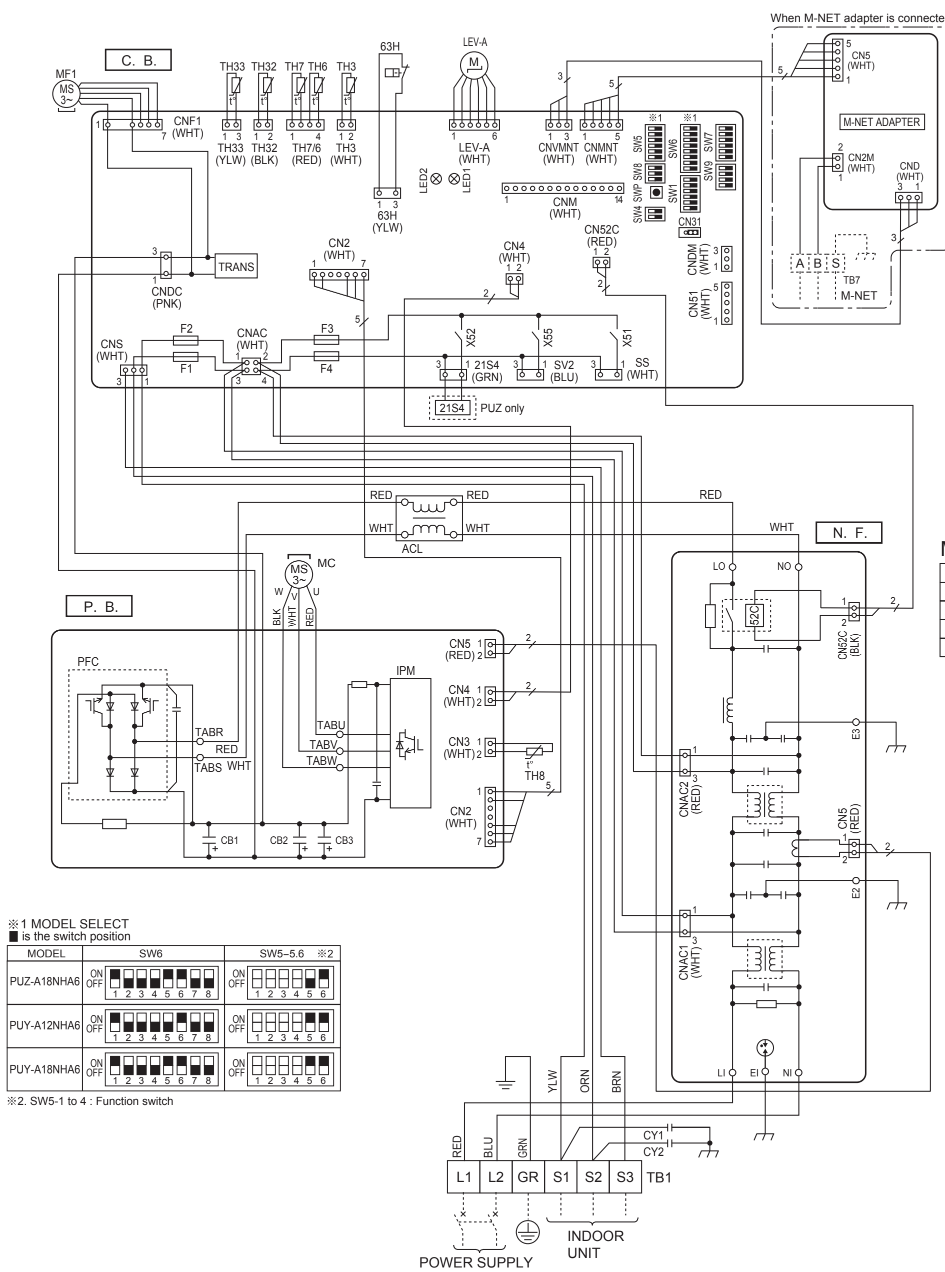
5. WIRING DIAGRAM

5-2. OUTDOOR UNIT

PUZ-A18NHA6 PUZ-A18NHA6-BS PUY-A12/18NHA6 PUY-A12/18NHA6-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	PFC	Converter	LED1,LED2	LED<Operation Inspection Indicators>
MC	Motor for Compressor	IPM	Power Module	F1,F2,F3,F4	Fuse<T6.3AL250V>
MF1	Fan Motor	CB1,CB2,CB3	Main Smoothing Capacitor	SWP	Switch<Pump Down>
21S4	Solenoid Valve (Four-Way Valve)	N.F.	Noise Filter Circuit Board	CN31	Connector<Emergency Operation>
63H	High Pressure Switch	LI/LO	Connection Terminal<L1-Phase>	SS	Connector<Connection for Option>
TH3	Thermistor<Liquid>	NI/NO	Connection Terminal<L2-Phase>	CNM	Connector<Connection for Option>
TH6	Thermistor<2-Phase Pipe>	EI,E2,E3	Connection Terminal<Ground>	CNMNT	Connector <Connected to Optional M-NET Adapter Board>
TH7	Thermistor<Ambient>	52C	52C Relay		
TH8	Thermistor<Heat Sink>	C.B.	Controller Circuit Board	CNVMNT	Connector <Connected to Optional M-NET Adapter Board>
TH32	Thermistor<Comp. Surface>	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>		
TH33	Thermistor<Suction>			CNDM	Connector<Connection for Option>
LEV-A	Linear Expansion Valve	SW4	Switch<Test Operation>	CN51	Connector<Connection for Option>
ACL	Reactor	SW5	Switch<Model Select, Function Switch>	X51,X52,X55	Relay
CY1,CY2	Capacitor	SW6	Switch<Model Select>		
P.B.	Power Circuit Board	SW7	Switch<Function Switch>		
TABR/S	Connection Terminal<L1/L2-Phase>	SW8	Switch<Function Switch>		
TABU/V/W	Connection Terminal<U/V/W-Phase>	SW9	Switch<Function Switch>		



※Use copper supply wires.
Utilisez des fils d'alimentation en cuivre.

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

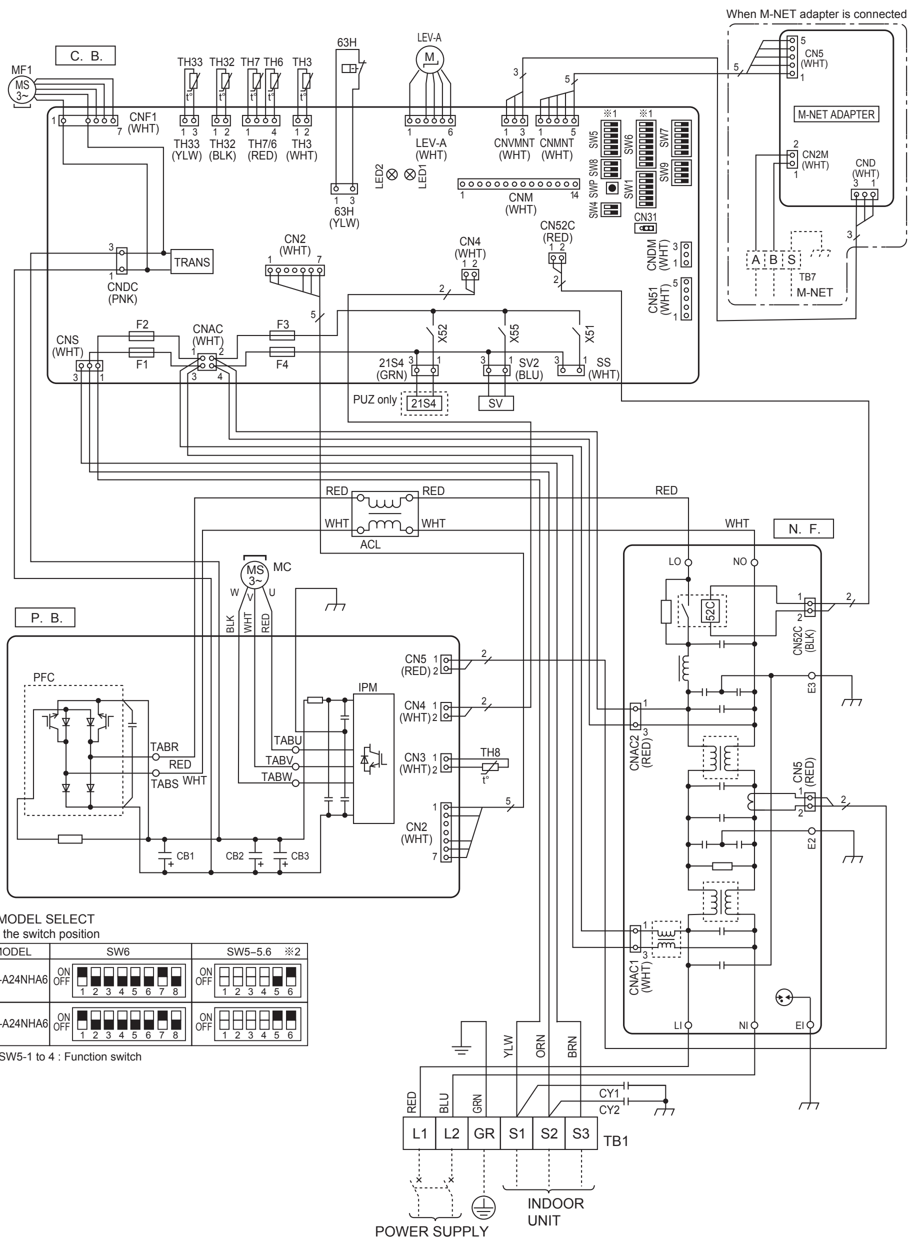
Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PUZ-A24NHA6 PUZ-A24NHA6-BS PUY-A24NHA6 PUY-A24NHA6-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	TABU/V/W	Connection Terminal<U/V/W-Phase>	SW9	Switch<Function Switch>
MC	Motor for Compressor	PFC	Converter	LED1,LED2	LED<Operation Inspection Indicators>
MF1	Fan Motor	IPM	Power Module	F1,F2,F3,F4	Fuse<T6.3AL250V>
21S4	Solenoid Valve (Four-Way Valve)	CB1,CB2,CB3	Main Smoothing Capacitor	SWP	Switch<Pump Down>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN31	Connector<Emergency Operation>
SV	Solenoid Valve (Bypass Valve)	LI/LO	Connection Terminal<L1-Phase>	SS	Connector<Connection for Option>
TH3	Thermistor<Liquid>	NI/NO	Connection Terminal<L2-Phase>	CNM	Connector<Connection for Option>
TH6	Thermistor<2-Phase Pipe>	EI,E2,E3	Connection Terminal<Ground>	CNMNT	Connector <Connected to Optional M-NET Adapter Board>
TH7	Thermistor<Ambient>	52C	52C Relay		
TH8	Thermistor<Heat sink>	C.B.	Controller Circuit Board	CNVMNT	Connector <Connected to Optional M-NET Adapter Board>
TH32	Thermistor<Comp. Surface>	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>		
TH33	Thermistor<Suction>			CNDM	Connector<Connection for Option>
LEV-A	Linear Expansion Valve	SW4	Switch<Test Operation>	CN51	Connector<Connection for Option>
ACL	Reactor	SW5	Switch<Model Select, Function Switch>	X51,X52,X55	Relay
CY1,CY2	Capacitor	SW6	Switch<Model Select>		
P.B.	Power Circuit Board	SW7	Switch<Function Switch>		
TABR/S	Connection Terminal<L1/L2-Phase>	SW8	Switch<Function Switch>		



※1 MODEL SELECT
■ is the switch position

MODEL	SW6	SW5–5.6 ※2
PUZ-A24NHA6	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
PUY-A24NHA6	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

※2. SW5-1 to 4 : Function switch

※Use copper supply wires.
Utilisez des fils d'alimentation en cuivre.

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-NET connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

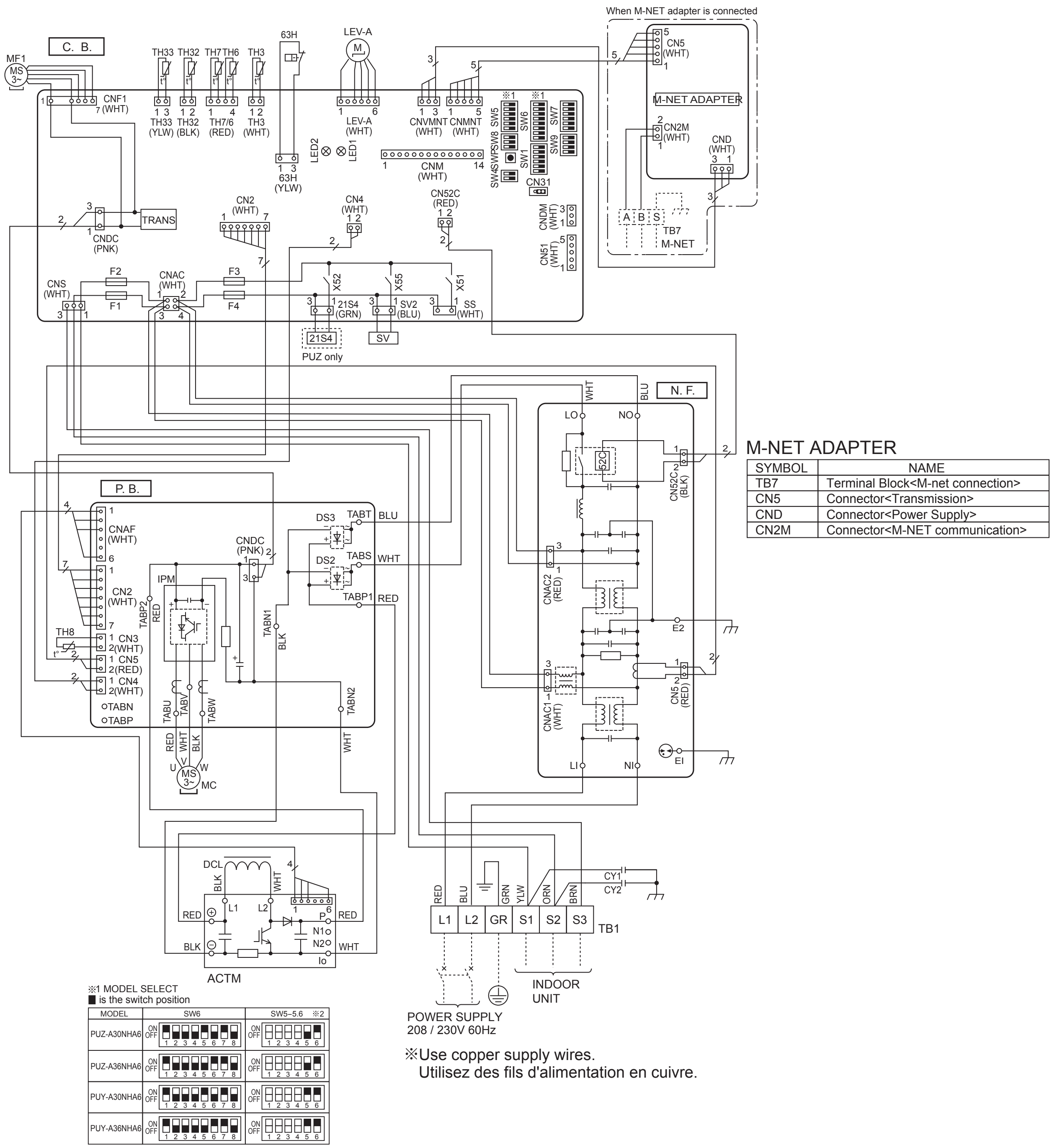
Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PUZ-A30/36NHA6 PUZ-A30/36NHA6-BS PUY-A30/36NHA6 PUY-A30/36NHA6-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor >	P.B.	Power Circuit Board	SW4	Switch<Test Operation>
MC	Motor for Compressor	TABU/V/W	Connection Terminal<U/V/W-Phase>	SW5	Switch<Model Select, Function Switch>
MF1	Fan Motor	TABS/T	Connection Terminal<L1/L2-Phase>	SW6	Switch<Model Select>
21S4	Solenoid Valve (Four-Way Valve)	TABP1/P2	Connection Terminal<DC Voltage>	SW7	Switch<Function Switch>
SV	Solenoid Valve (Bypass Valve)	TABN1/N2	Connection Terminal<DC Voltage>	SW8	Switch<Function Switch>
63H	High Pressure Switch	DS2, DS3	Diode Bridge	SW9	Switch<Function Switch>
TH3	Thermistor<Liquid>	IPM	Power Module	SWP	Switch<Pump Down>
TH6	Thermistor<2-Phase Pipe>	N.F.	Noise Filter Circuit Board	CN31	Connector<Emergency Operation>
TH7	Thermistor<Ambient>	LI/LO	Connection Lead<L1-Phase>	LED1,LED2	LED<Operation Inspection Indicators>
TH8	Thermistor<Heat Sink>	NI/NO	Connection Lead<L2-Phase>	SS	Connector<Connection for Option>
TH32	Thermistor<Comp. Surface>	EI, E2	Connection Terminal<Ground>	CNM	Connector<Connection for Option>
TH33	Thermistor<Suction>	52C	52C Relay	CNMNT	Connector<Connected to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	C.B.	Controller Circuit Board	CNVMNT	Connector<Connected to Optional M-NET Adapter Board>
DCL	Reactor	F1,F2,F3,F4	Fuse<T6.3AL250V>	CNDM	Connector<Connection for Option>
CY1, CY2	Capacitor	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CN51	Connector<Connection for Option>
ACTM	Active Filter Module			X51,X52,X55	Relay



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-net connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

※Use copper supply wires.
Utilisez des fils d'alimentation en cuivre.

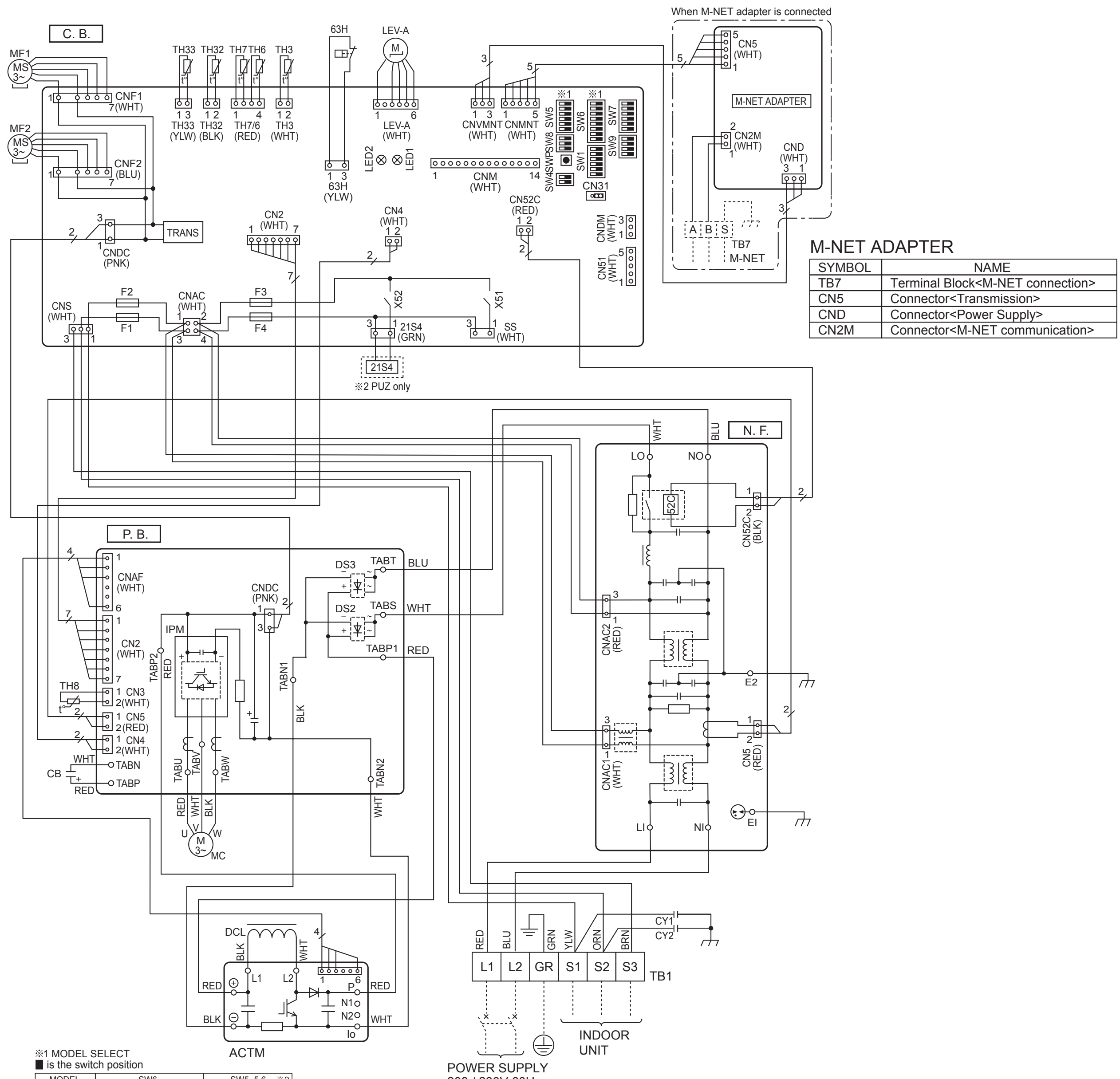
Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PUZ-A42NHA6 PUZ-A42NHA6-BS PUY-A42NHA6 PUY-A42NHA6-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	SW4	Switch<Test Operation>
MC	Motor for Compressor	TABU/V/W	Connection Terminal<U/V/W-Phase>	SW5	Switch<Model Select, Function Switch>
MF1,MF2	Fan Motor	TABS/T	Connection Terminal<L1/L2-Phase>	SW6	Switch<Model Select>
21S4	Solenoid Valve (Four-Way Valve)	TABP1/P2/P	Connection Terminal<DC Voltage>	SW7	Switch<Function Switch>
63H	High Pressure Switch	TABN1/N2/N	Connection Terminal<DC Voltage>	SW8	Switch<Function Switch>
TH3	Thermistor<Liquid>	DS2, DS3	Diode Bridge	SW9	Switch<Function Switch>
TH6	Thermistor<2-Phase Pipe>	IPM	Power Module	SWP	Switch<Pump Down>
TH7	Thermistor<Ambient>	N.F.	Noise Filter Circuit Board	CN31	Connector<Emergency Operation>
TH8	Thermistor<Heat Sink>	LI/LO	Connection Lead<L1-Phase>	LED1,LED2	LED<Operation Inspection Indicators>
TH32	Thermistor<Comp. Surface>	NI/NO	Connection Lead<L2-Phase>	SS	Connector<Connection for Option>
TH33	Thermistor<Suction>	EI, E2	Connection Terminal<Ground>	CNM	Connector<Connection for Option>
LEV-A	Linear Expansion Valve	52C	52C Relay	CNMNT	Connector<Connected to Optional M-NET Adapter Board>
DCL	Reactor	C.B.	Controller Circuit Board	CNVMNT	Connector<Connected to Optional M-NET Adapter Board>
CY1, CY2	Capacitor	F1,F2,F3,F4	Fuse<T6.3AL250V>	CNDM	Connector<Connection for Option>
ACTM	Active Filter Module	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CN51	Connector<Connection for Option>
CB	Main Smoothing Capacitor			X51,X52	Relay



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-NET connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

※1 MODEL SELECT
■ is the switch position

MODEL	SW6	SW5-5,6 ※2
PUZ-A42NHA6	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
PUY-A42NHA6	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

※2. SW5-1 to 4 : Function switch

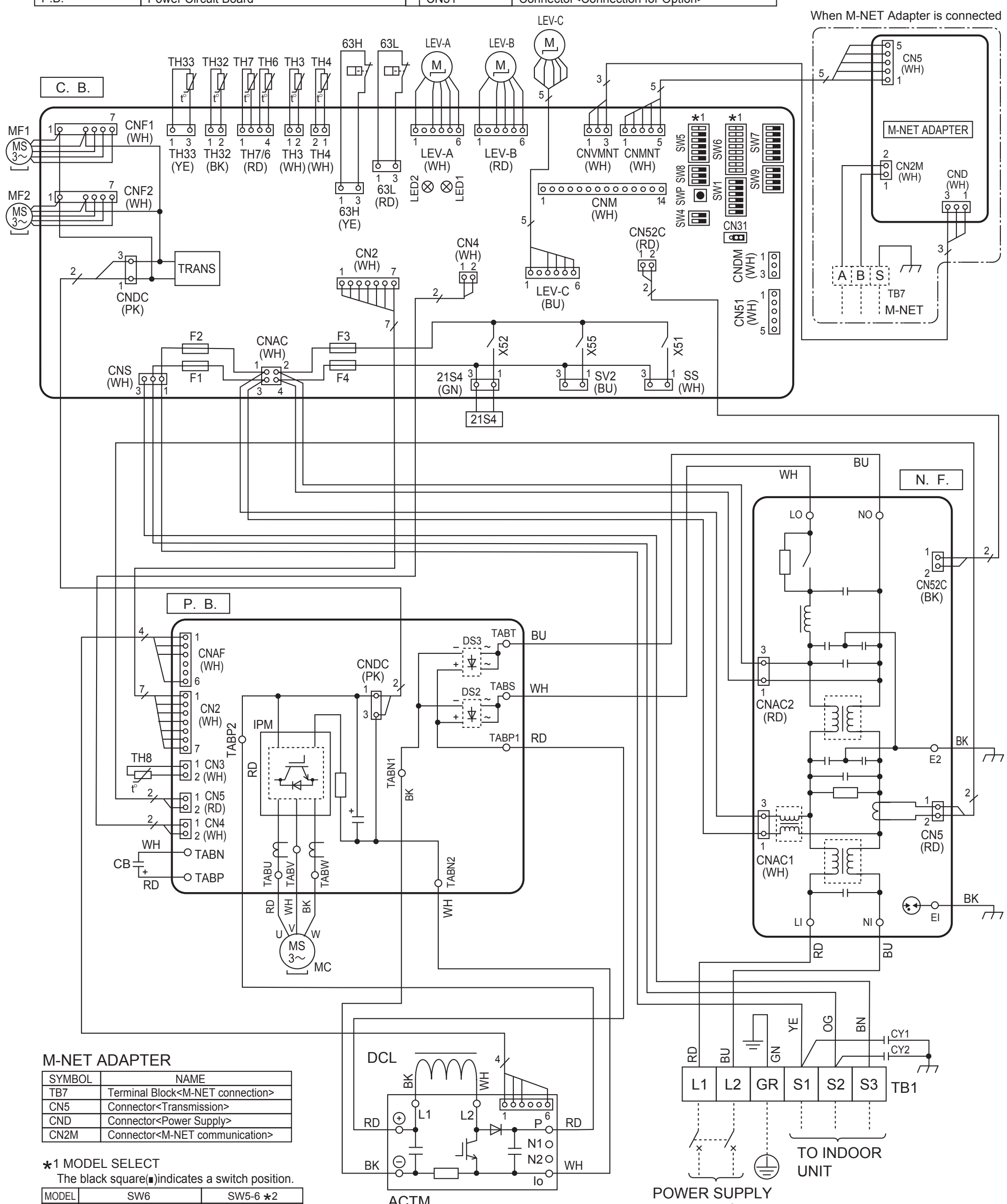
※Use copper supply wires.
Utilisez des fils d'alimentation en cuivre.

Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PUZ-HA30NHA5 PUZ-HA36NHA5

SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	N.F.	Noise Filter Circuit Board
MC	Motor for Compressor	C.B.	Controller Circuit Board
MF1, MF2	Fan Motor	F1, F2, F3, F4	Fuse<T6.3AL250V>
21S4	Solenoid Valve (4-Way Valve)	SW1	Switch<Manual Defrost, Defect History Record Reset, Refrigerant Address>
63H	High Pressure Switch		
63L	Low Pressure Switch	SW4	Switch<Test Operation>
TH3	Thermistor<Liquid>	SW5	Switch<Function Switch, Model Select>
TH4	Thermistor<Discharge>	SW6	Switch<Model Select>
TH6	Thermistor<2-Phase Pipe>	SW7	Switch<Function Switch>
TH7	Thermistor<Ambient>	SW8	Switch<Function Switch>
TH8	Thermistor<Heat Sink>	SW9	Switch<Function Switch>
TH32	Thermistor<Suction>	SWP	Switch<Pump Down>
TH33	Thermistor<Ref. check>	CN31	Connector<Emergency Operation>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SS	Connector<Connection for Option>
DCL	Reactor	CNM	Connector<Connection for Option>
ACTM	Active Filter Module	CNMNT	Connector<Connection for Option>
CB	Main Smoothing Capacitor	CNVMNT	Connector<Connection for Option>
CY1, CY2	Capacitor	CNDM	Connector<Connection for Option>
P.B.	Power Circuit Board	CN51	Connector<Connection for Option>



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-NET connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

*1 MODEL SELECT
The black square(■)indicates a switch position.

MODEL	SW6	SW5-6 *2
30N	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
36N	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

*2 SW5 -1 to 5 : Function Switch

*Use copper supply wires.
Utilisez des fils d'alimentation en cuivre.

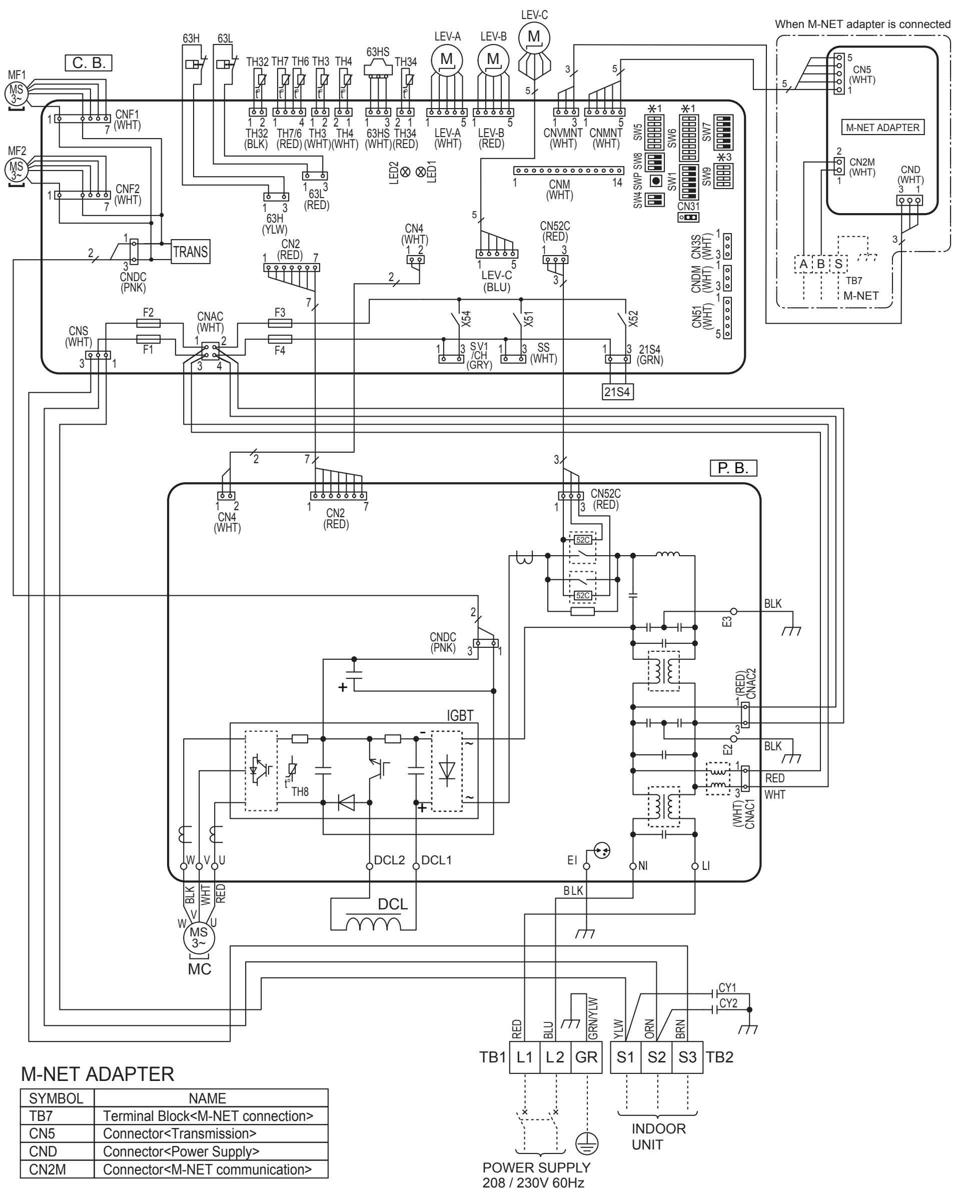
Due to continuing improvement, above specification may be subject to change without notice.

5. WIRING DIAGRAM

PUZ-HA42NKA

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply>	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW5	Switch<Function Switch, Model Select>
TB2	Terminal Block<Indoor/Outdoor>	DCL	Reactor	SW6	Switch<Model Select>
MC	Motor for Compressor	CY1, CY2	Capacitor	SW7	Switch<Function Switch>
MF1, MF2	Fan Motor	P. B.	Power Circuit Board	SW8	Switch<Function Switch>
21S4	Solenoid Valve (Four-Way Valve)	U, V, W	Connection Terminal<U/V/W-Phase>	SW9	Switch<Function Switch>
63H	High Pressure Switch	LI	Connection Terminal<L1-Phase>	SWP	Switch<Pump Down>
63L	Low Pressure Switch	NI	Connection Terminal<L2-Phase>	CN31	Connector<Emergency Operation>
63HS	High Pressure Sensor	DCL1, DCL2	Connection Terminal<Reactor>	CNDM	Connector<Connection for Option>
TH3	Thermistor<Liquid>	IGBT	Power Module	CN51	Connector<Connection for Option>
TH4	Thermistor<Discharge>	EI, E2, E3	Connection Terminal<Ground>	SV1/CH	Connector<Connection for Option>
TH6	Thermistor<2-Phase Pipe>	52C	52C Relay	SS	Connector<Connection for Option>
TH7	Thermistor<Ambient>	C. B.	Controller Circuit Board	CNM	Connector<Connection for Option>
TH8	Thermistor (internal) <Heat Sink>	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>	LED1, LED2	LED<Operation Inspection Indicators>
TH32	Thermistor<Suction>			F1, F2, F3, F4	Fuse<T6.3AL250V>
TH34	Thermistor<Comp. Surface>	SW4	Switch<Test Operation>	X51, X52, X54	Relay



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-NET connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

※1 MODEL SELECT
The black square(■)indicates a switch position.

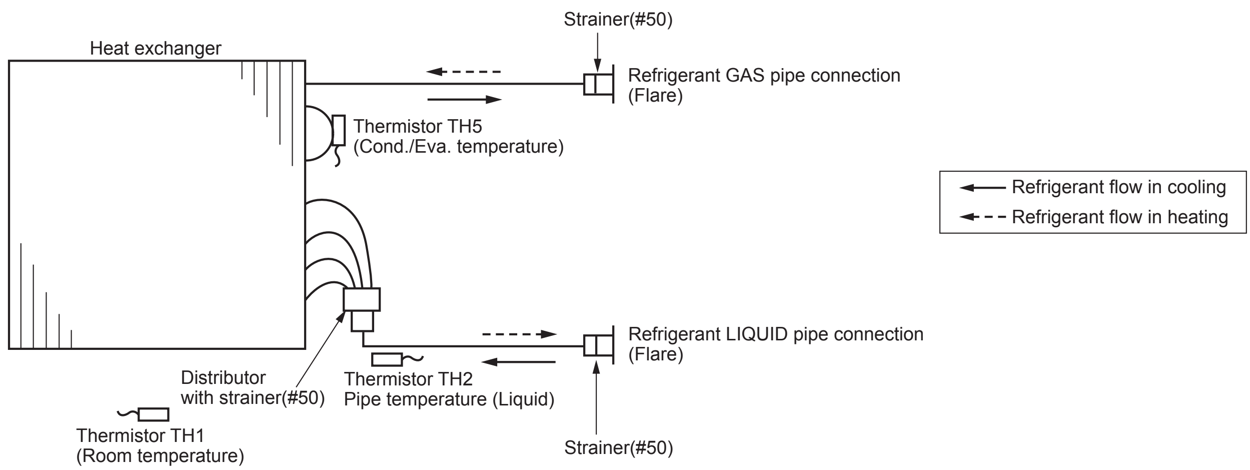
MODEL	SW6	SW5-6 ※2
42N	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

※2 SW5 -1 to 5 : Function Switch

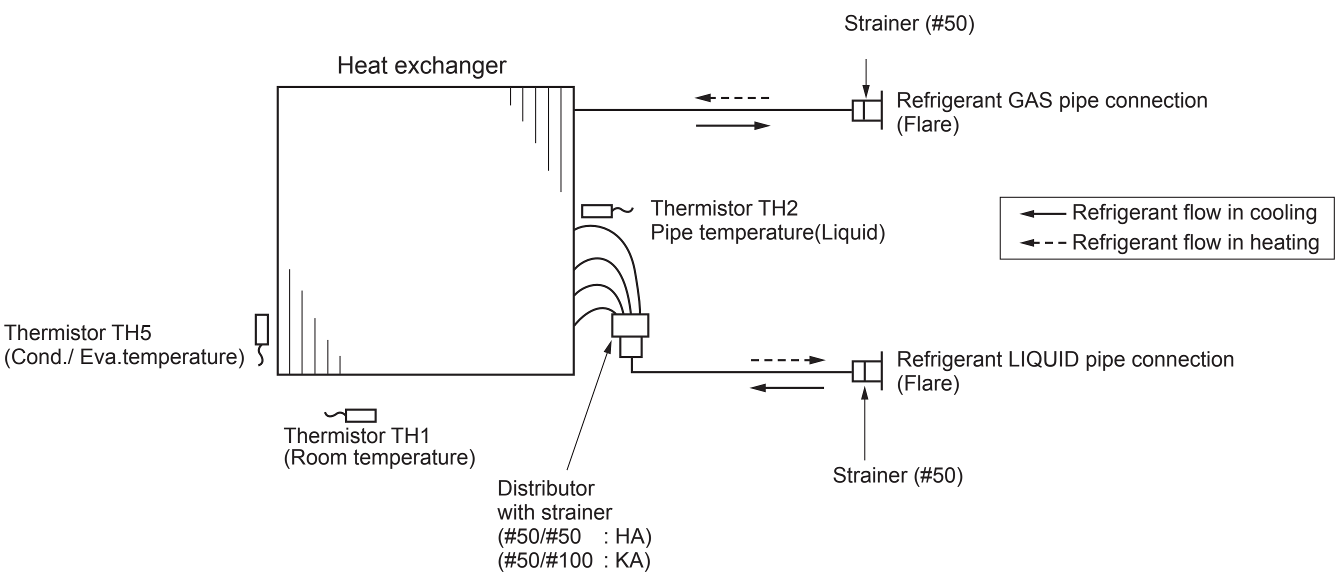
Due to continuing improvement, above specification may be subject to change without notice.

6. REFRIGERANT SYSTEM DIAGRAM

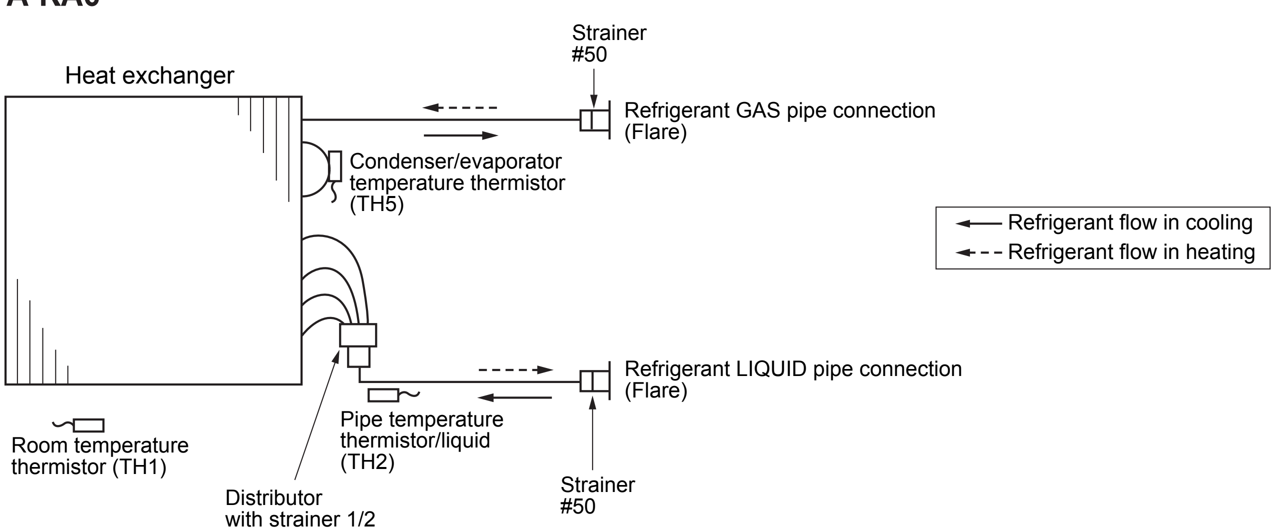
6-1. INDOOR UNIT
PLA-A·BA6 PEAD-A·AA5



PKA-A·HA6 PKA-A·KA6



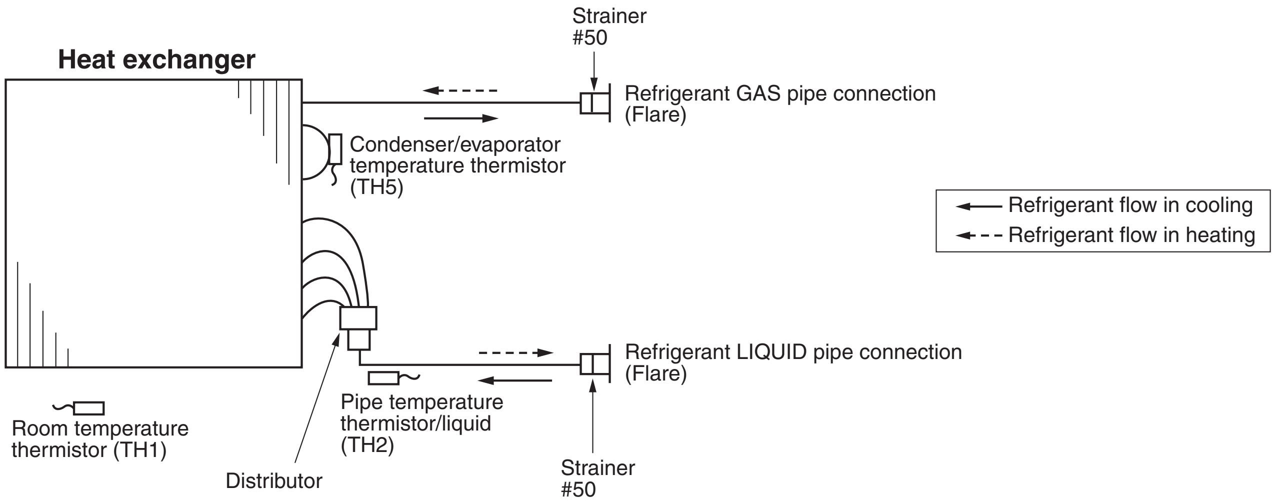
PCA-A·KA6



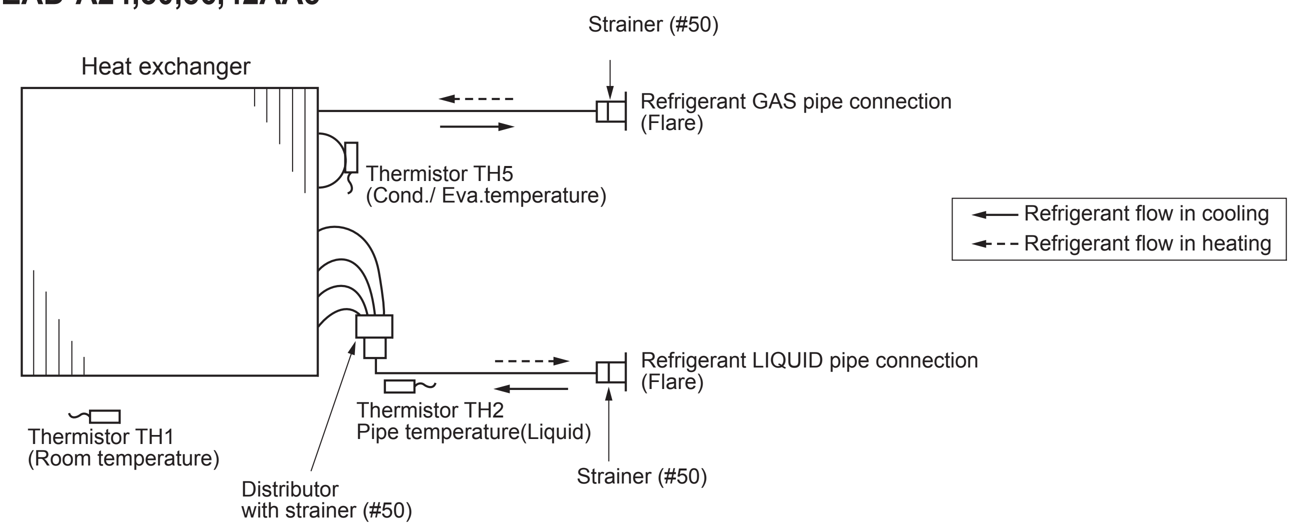
Due to continuing improvement, above specification may be subject to change without notice.

6. REFRIGERANT SYSTEM DIAGRAM

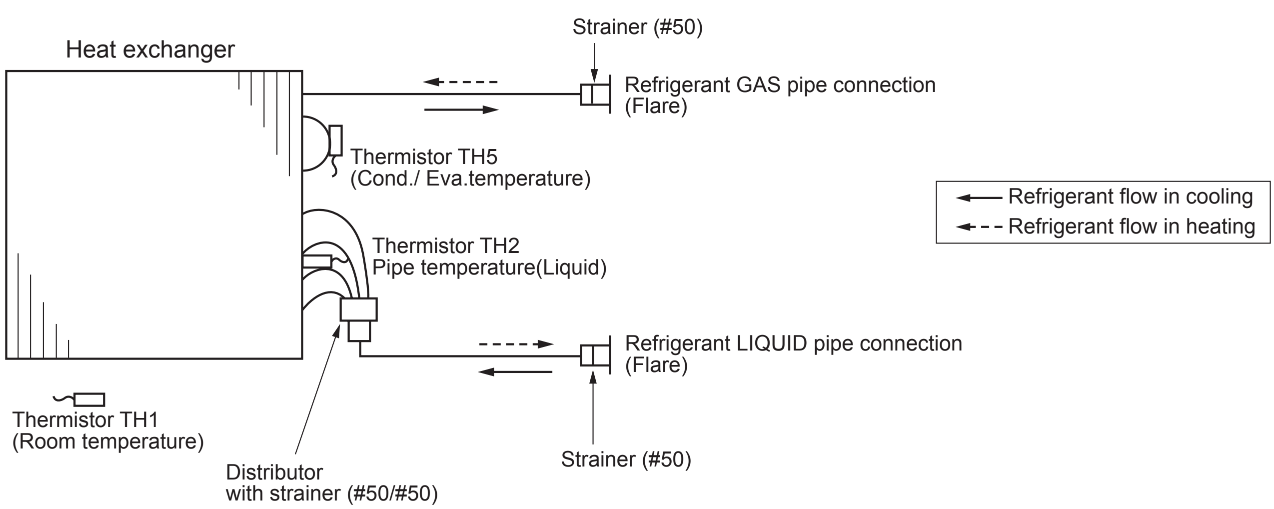
PEA-A12AA6 PEA-A18AA6



PEAD-A24,30,36,42AA5



PVA-A30AA4 PVA-A36AA4 PVA-A42AA4



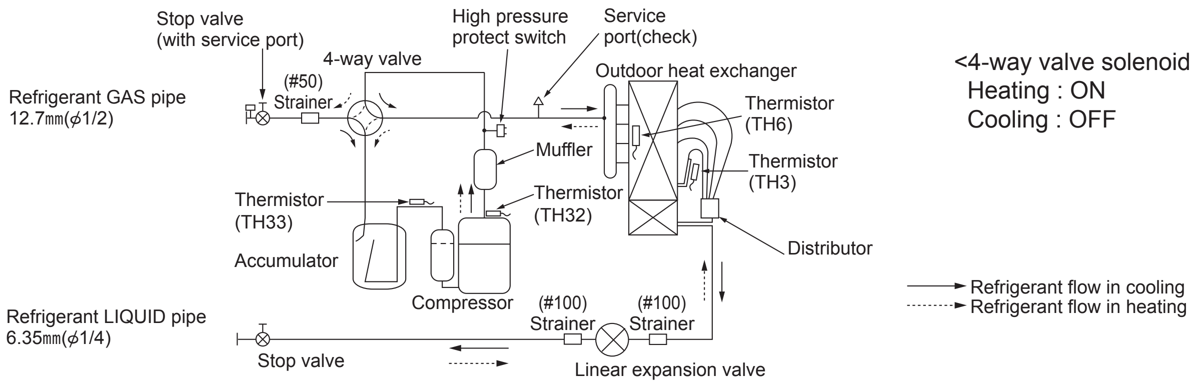
Due to continuing improvement, above specification may be subject to change without notice.

6. REFRIGERANT SYSTEM DIAGRAM

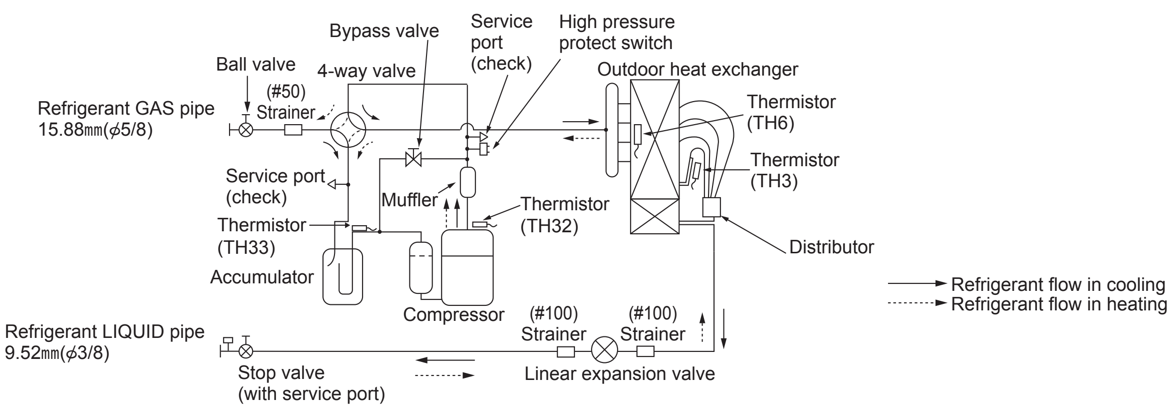
6-2. OUTDOOR UNIT

Unit: mm (inch)

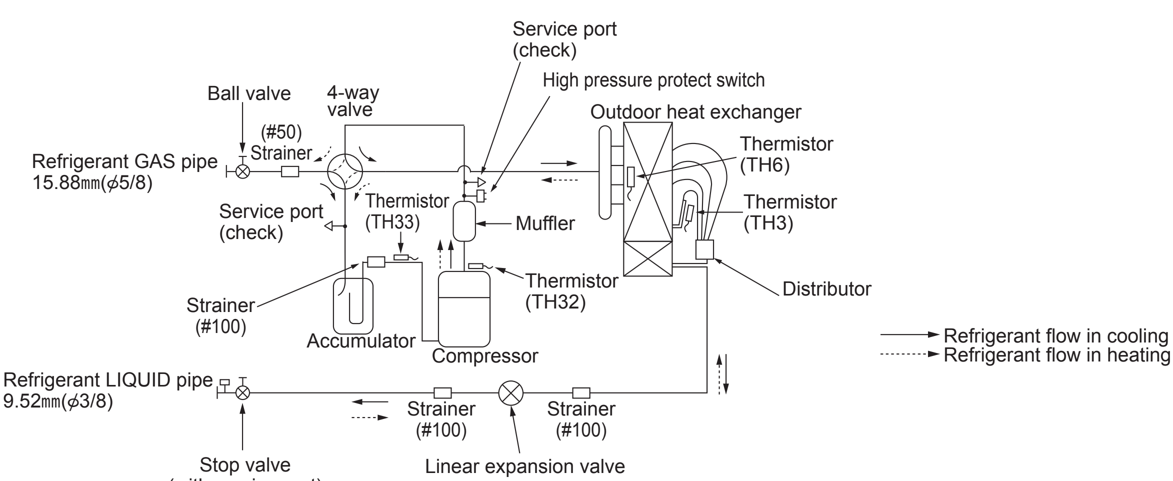
PUZ-A18NHA6 PUZ-A18NHA6-BS



PUZ-A24NHA6 PUZ-A24NHA6-BS
PUZ-A30NHA6 PUZ-A30NHA6-BS
PUZ-A36NHA6 PUZ-A36NHA6-BS



PUZ-A42NHA6 PUZ-A42NHA6-BS

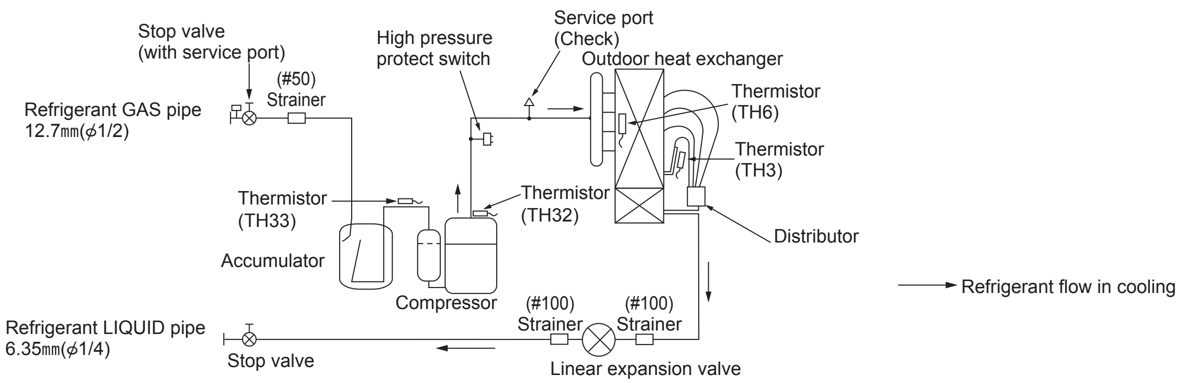


Due to continuing improvement, above specification may be subject to change without notice.

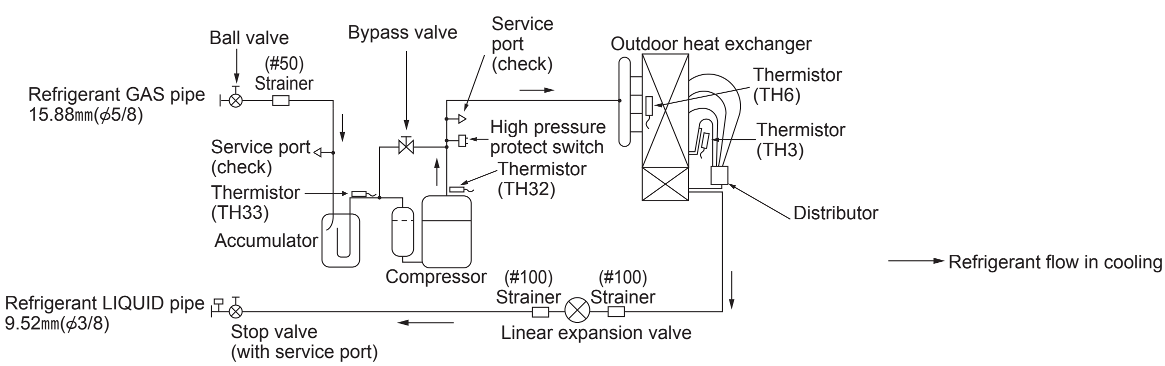
6. REFRIGERANT SYSTEM DIAGRAM

PUY-A12NHA6 PUY-A12NHA6-BS
PUY-A18NHA6 PUY-A18NHA6-BS

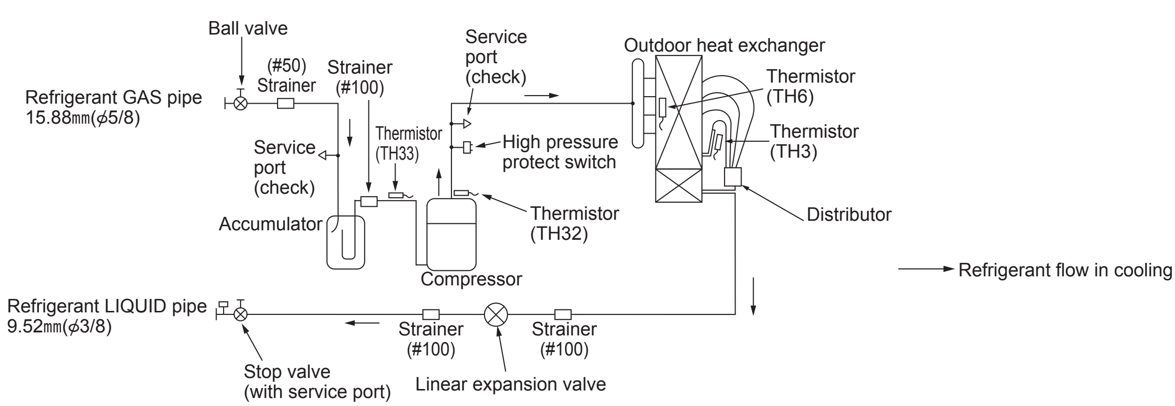
unit : mm (inch)



PUY-A24NHA6 PUY-A24NHA6-BS
PUY-A30NHA6 PUY-A30NHA6-BS
PUY-A36NHA6 PUY-A36NHA6-BS



PUY-A42NHA6 PUY-A42NHA6-BS

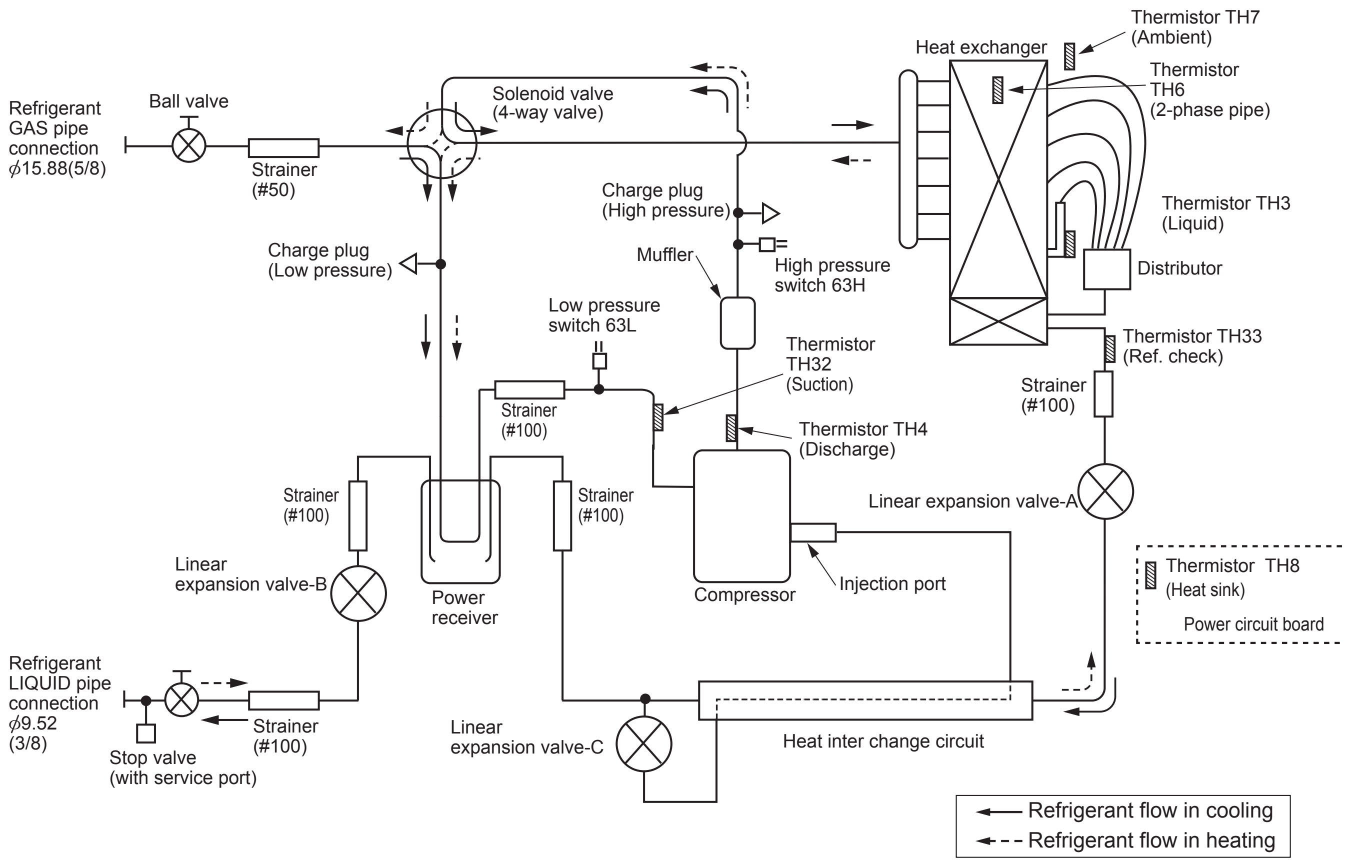


Due to continuing improvement, above specification may be subject to change without notice.

6. REFRIGERANT SYSTEM DIAGRAM

PUZ-HA30NHA5 PUZ-HA36NHA5

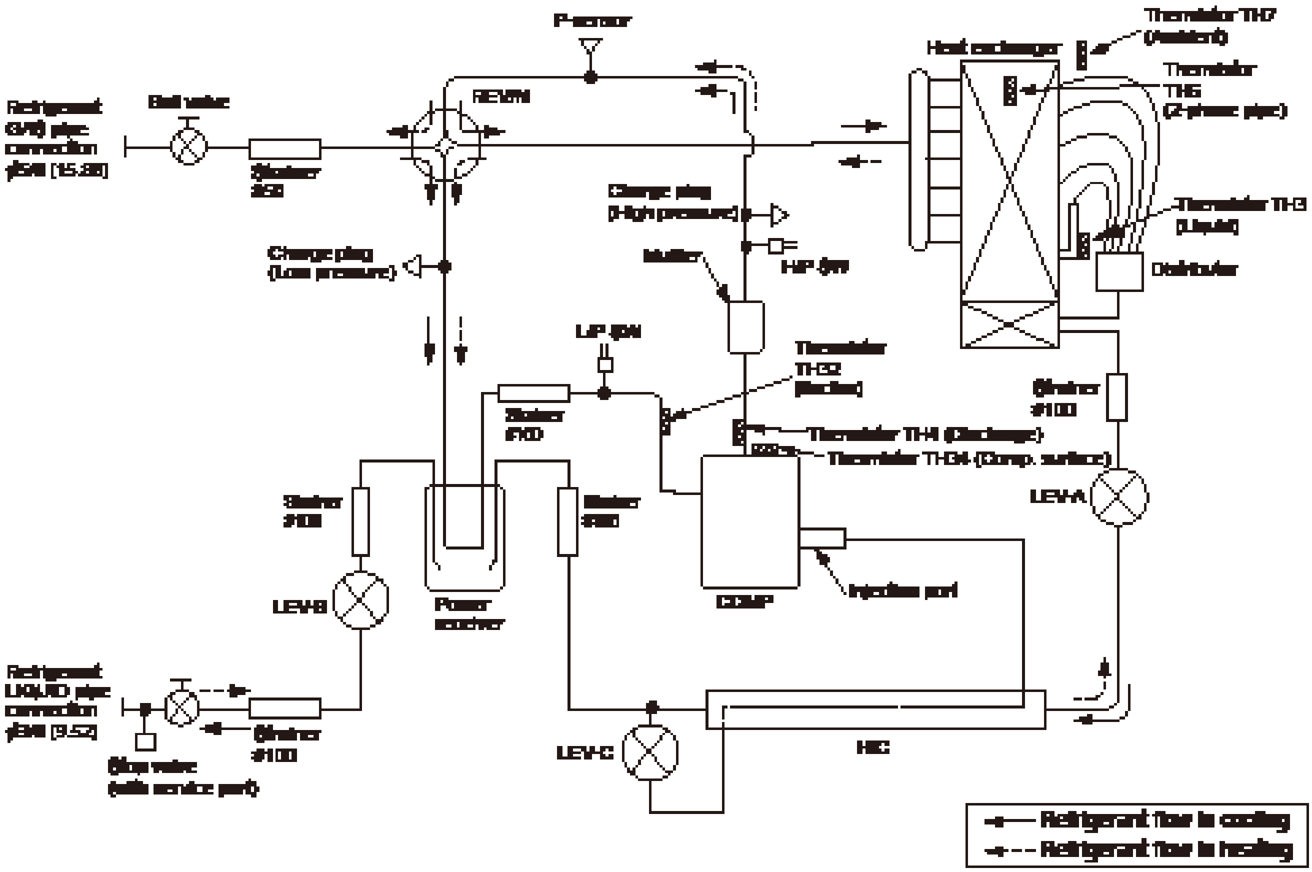
unit : mm (inch)



6. REFRIGERANT SYSTEM DIAGRAM

PUZ-HA42NKA

unit : mm (inch)



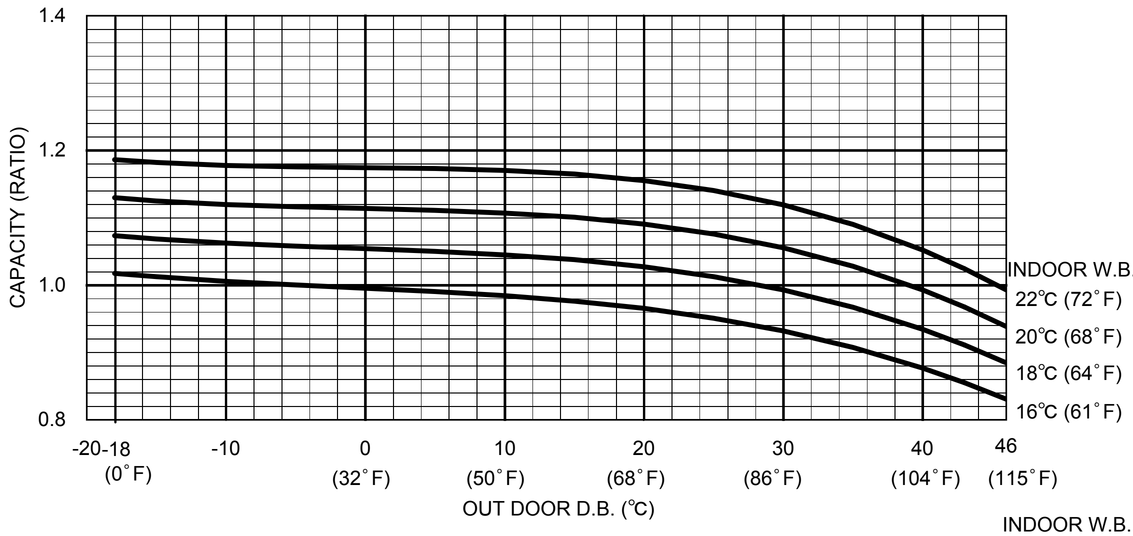
Symbol	Parts name	Detail
COMP	Compressor	DC inverter scroll compressor (Mitsubishi Electric Corporation)
H/P SW	High pressure switch (63H)	For protection (OFF: 4.15MPa)
L/P SW	Low pressure switch (63L)	For protection (OFF: −0.03MPa)
REV/V	Reversing (4-way) valve (21S4)	Change the refrigerant circuit (Heating / Cooling) and for Defrosting
Charge plug	Charge plug	High pressure / Low pressure / For production test use
P-Sensor	Pressure sensor (63HS)	For calculation of the condensing temperature from high pressure
LEV-A	Linear expansion valve -A	Heating:Secondary LEV Cooling:Primary LEV
LEV-B	Linear expansion valve -B	Heating:Primary LEV Cooling:Secondary LEV
LEV-C	Linear expansion valve -C	For HIC (heating only)
TH32	Suction temperature thermistor	For LEV control
TH3	Liquid temperature thermistor	Heating:Evaporating temperature Cooling:Sub cool liquid temperature
TH4	Discharge temperature thermistor	For LEV control and for compressor protection
TH6	2-phase pipe temperature thermistor	Outdoor 2-phase pipe temperature
TH7	Ambient temperature thermistor	For fan control and for compressor frequency control
TH34	Comp. surface temperature thermistor	For protection
Power Receiver	Power Receiver	For accumulation of refrigerant
HIC	Heat interchange circuit	For high heating capacity

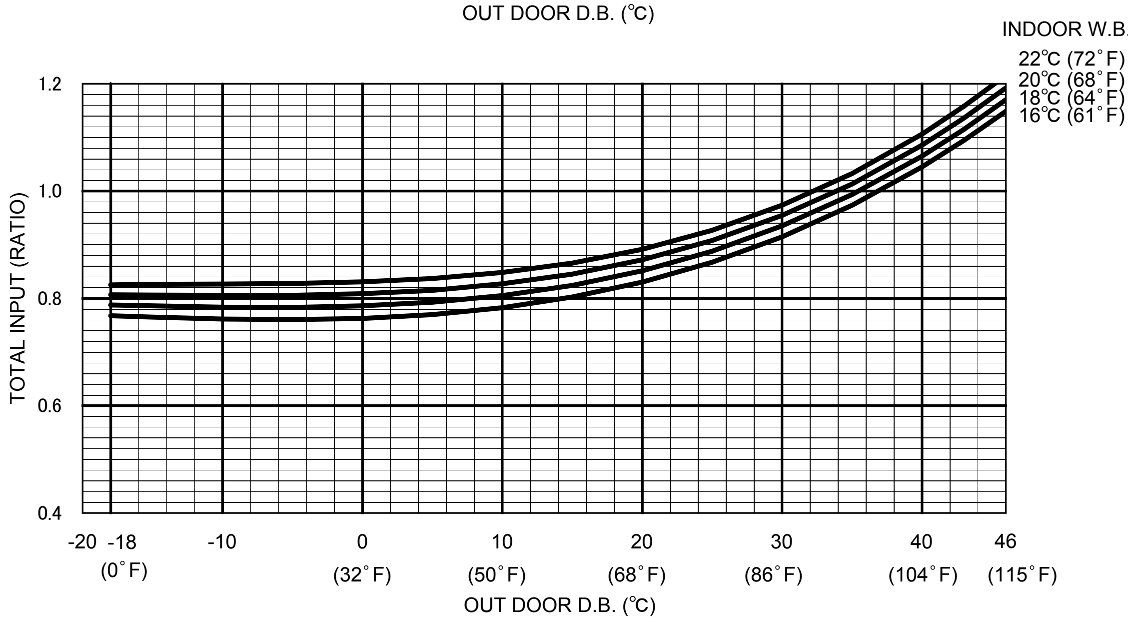
Due to continuing improvement, above specification may be subject to change without notice.

7. PERFORMANCE CURVES

7-1. FOR THE COMBINATION OF OUTDOOR UNIT PUZ-A·NHA6(-BS) PUZ-A·NHA6

7-1-1. Cooling performance curve





Note:This diagram shows the case where the operation frequency of a compressor is fixed.

CAPACITY (RATIO)

Outdoor D.B.[℃]	-18	-15	-10	-5	0	5	10	15	20	25	30	35	40	43	46
Outdoor D.B.[˚F]	0	–	–	23	32	–	50	–	68	–	86	–	104	–	115
Indoor W.B. 22℃ (72˚F)	1.186	1.182	1.178	1.175	1.174	1.173	1.170	1.165	1.155	1.141	1.119	1.090	1.052	1.024	0.993
Indoor W.B. 20℃ (68˚F)	1.130	1.125	1.120	1.116	1.114	1.111	1.107	1.101	1.091	1.076	1.056	1.028	0.993	0.968	0.939
Indoor W.B. 18℃ (64˚F)	1.073	1.068	1.062	1.058	1.054	1.050	1.045	1.038	1.027	1.013	0.993	0.967	0.934	0.911	0.885
Indoor W.B. 16℃ (61˚F)	1.018	1.012	1.006	1.000	0.995	0.990	0.984	0.976	0.965	0.951	0.932	0.908	0.877	0.855	0.831

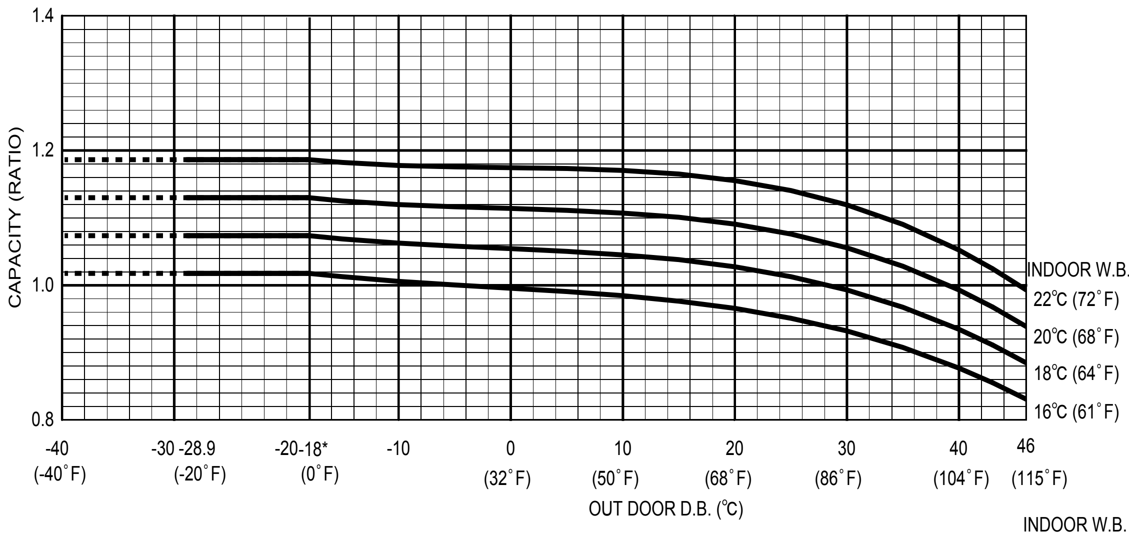
TOTAL INPUT (RATIO)

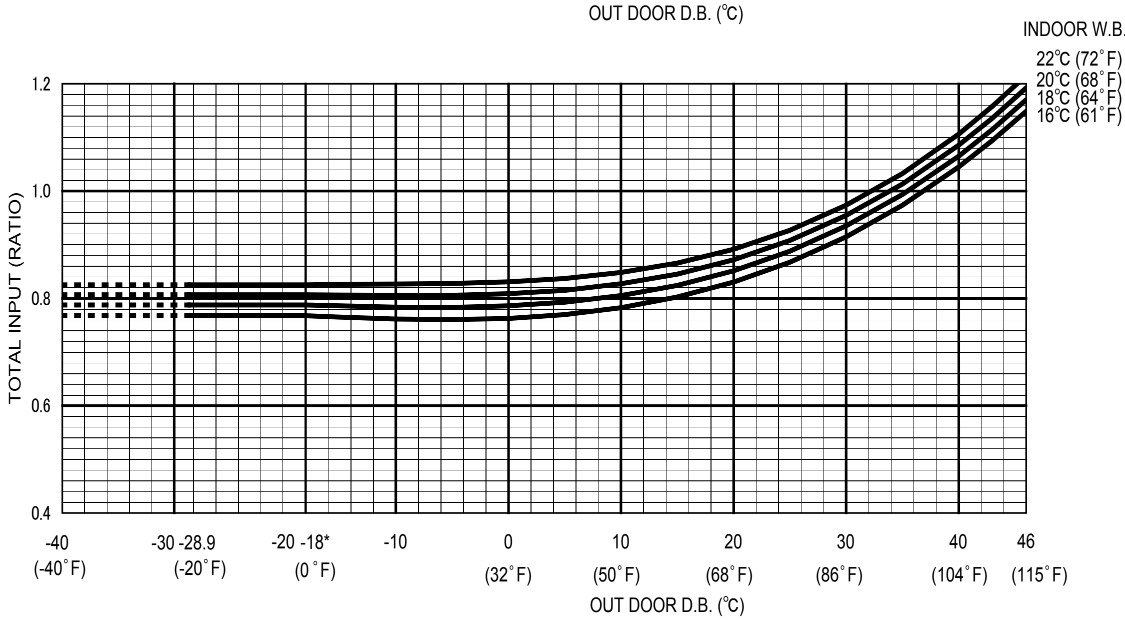
Outdoor D.B.[℃]	-18	-15	-10	-5	0	5	10	15	20	25	30	35	40	43	46
Outdoor D.B.[˚F]	0	–	–	23	–	–	50	–	68	–	86	–	104	–	115
Indoor W.B. 22℃ (72˚F)	0.825	0.826	0.827	0.828	0.831	0.837	0.848	0.866	0.892	0.927	0.973	1.033	1.106	1.158	1.216
Indoor W.B. 20℃ (68˚F)	0.807	0.806	0.805	0.806	0.809	0.815	0.827	0.845	0.872	0.908	0.954	1.013	1.086	1.136	1.192
Indoor W.B. 18℃ (64˚F)	0.788	0.786	0.784	0.783	0.786	0.793	0.805	0.824	0.852	0.888	0.935	0.994	1.065	1.115	1.170
Indoor W.B. 16℃ (61˚F)	0.768	0.765	0.761	0.760	0.763	0.770	0.783	0.802	0.830	0.867	0.915	0.974	1.045	1.094	1.149

Due to continuing improvement, above specification may be subject to change without notice.

7-2. FOR THE COMBINATION OF OUTDOOR UNIT PUY-A·NHA6(-BS) PUY-A·NHA6

7-2-1. Cooling performance curve





*PUY-A42: Lower Limit -18°C (0°F)

Note:This diagram shows the case where the operation frequency of a compressor is fixed.

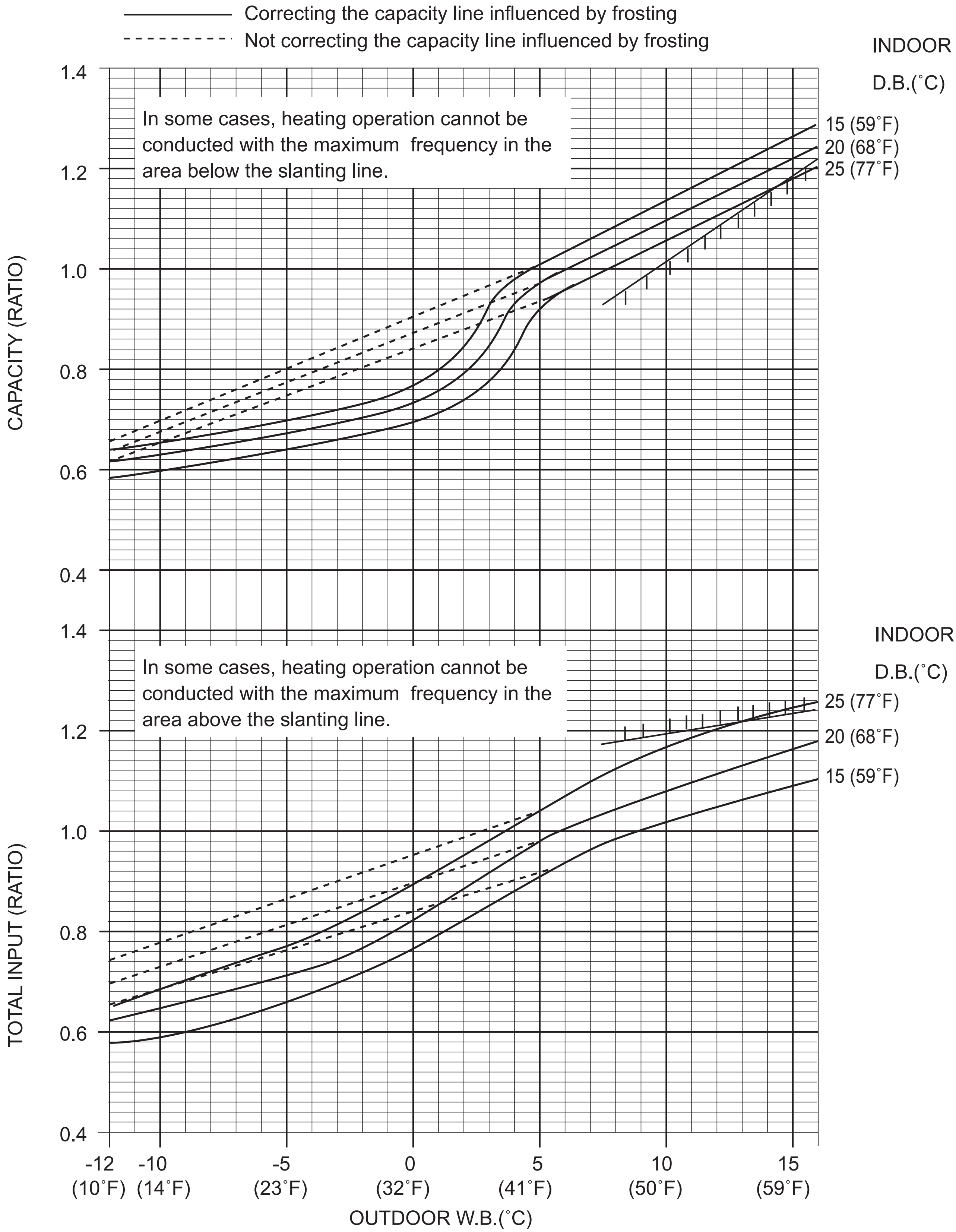
CAPACITY (RATIO)

Outdoor D.B.[℃]	-28.9	-18	-15	-10	-5	0	5	10	15	20	25	30	35	40	43	46
Outdoor D.B.[˚F]	-20	0	−	−	23	32	−	50	−	68	−	86	−	104	−	115
Indoor W.B. 22℃ (72˚F)	1.186	1.186	1.182	1.178	1.175	1.174	1.173	1.170	1.165	1.155	1.141	1.119	1.090	1.052	1.024	0.993
Indoor W.B. 20℃ (68˚F)	1.130	1.130	1.125	1.120	1.116	1.114	1.111	1.107	1.101	1.091	1.076	1.056	1.028	0.993	0.968	0.939
Indoor W.B. 18℃ (64˚F)	1.073	1.073	1.068	1.062	1.058	1.054	1.050	1.045	1.038	1.027	1.013	0.993	0.967	0.934	0.911	0.885
Indoor W.B. 16℃ (61˚F)	1.018	1.018	1.012	1.006	1.000	0.995	0.990	0.984	0.976	0.965	0.951	0.932	0.908	0.877	0.855	0.831

TOTAL INPUT (RATIO)

Outdoor D.B.[℃]	-28.9	-18	-15	-10	-5	0	5	10	15	20	25	30	35	40	43	46
Outdoor D.B.[˚F]	-20	0	−	−	23	−	−	50	−	68	−	86	−	104	−	115
Indoor W.B. 22℃ (72˚F)	0.825	0.825	0.826	0.827	0.828	0.831	0.837	0.848	0.866	0.892	0.927	0.973	1.033	1.106	1.158	1.216
Indoor W.B. 20℃ (68˚F)	0.807	0.807	0.806	0.805	0.806	0.809	0.815	0.827	0.845	0.872	0.908	0.954	1.013	1.086	1.136	1.192
Indoor W.B. 18℃ (64˚F)	0.788	0.788	0.786	0.784	0.783	0.786	0.793	0.805	0.824	0.852	0.888	0.935	0.994	1.065	1.115	1.170
Indoor W.B. 16℃ (61˚F)	0.768	0.768	0.765	0.761	0.760	0.763	0.770	0.783	0.802	0.830	0.867	0.915	0.974	1.045	1.094	1.149

7-2-2. Heating performance curve

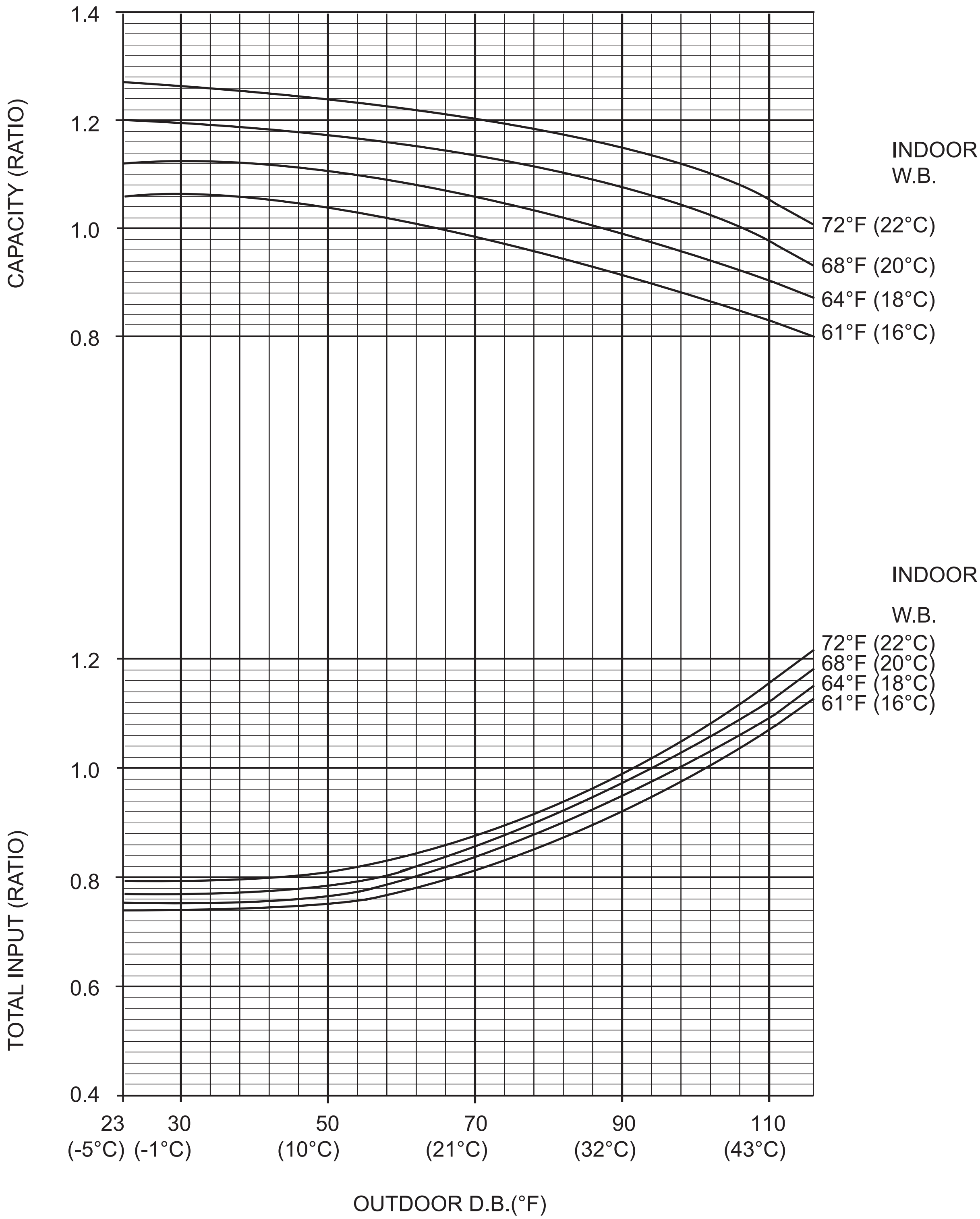


Note : This diagram shows the case where the operation frequency of a compressor is fixed.

7. PERFORMANCE CURVES

7-3. FOR THE COMBINATION OF OUTDOOR UNIT PUZ-HA·NHA5

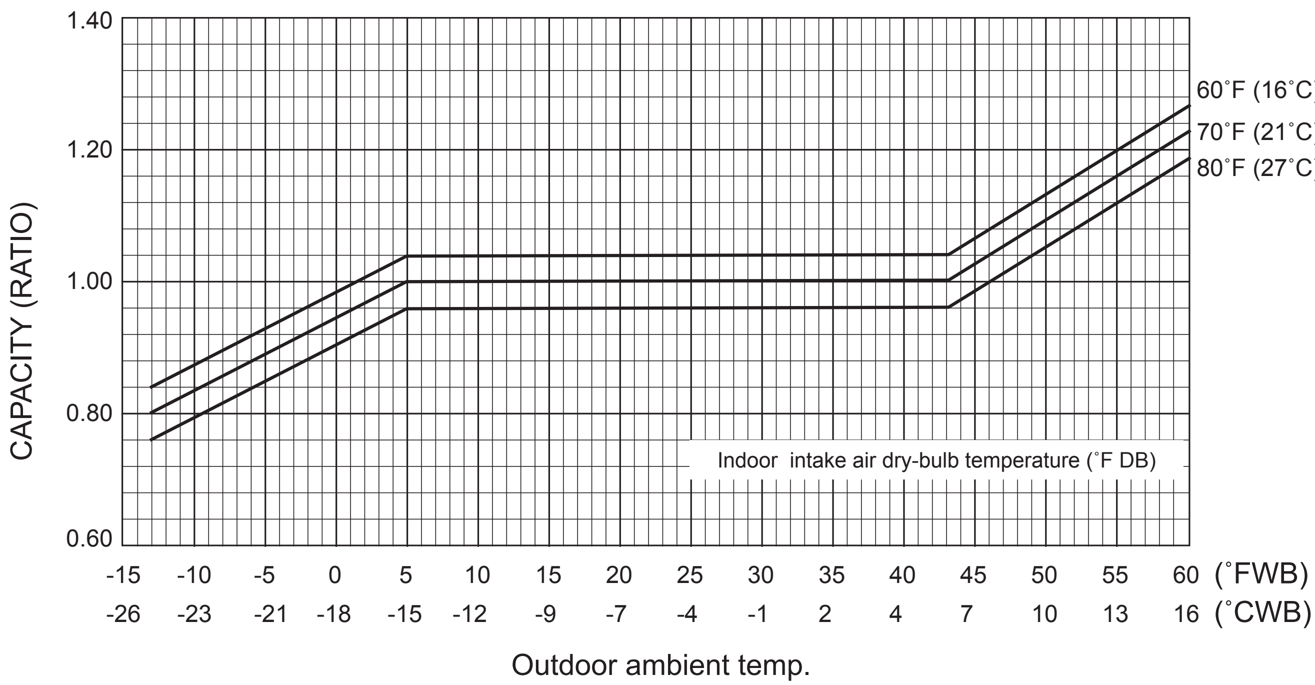
7-3-1. Cooling performance curve



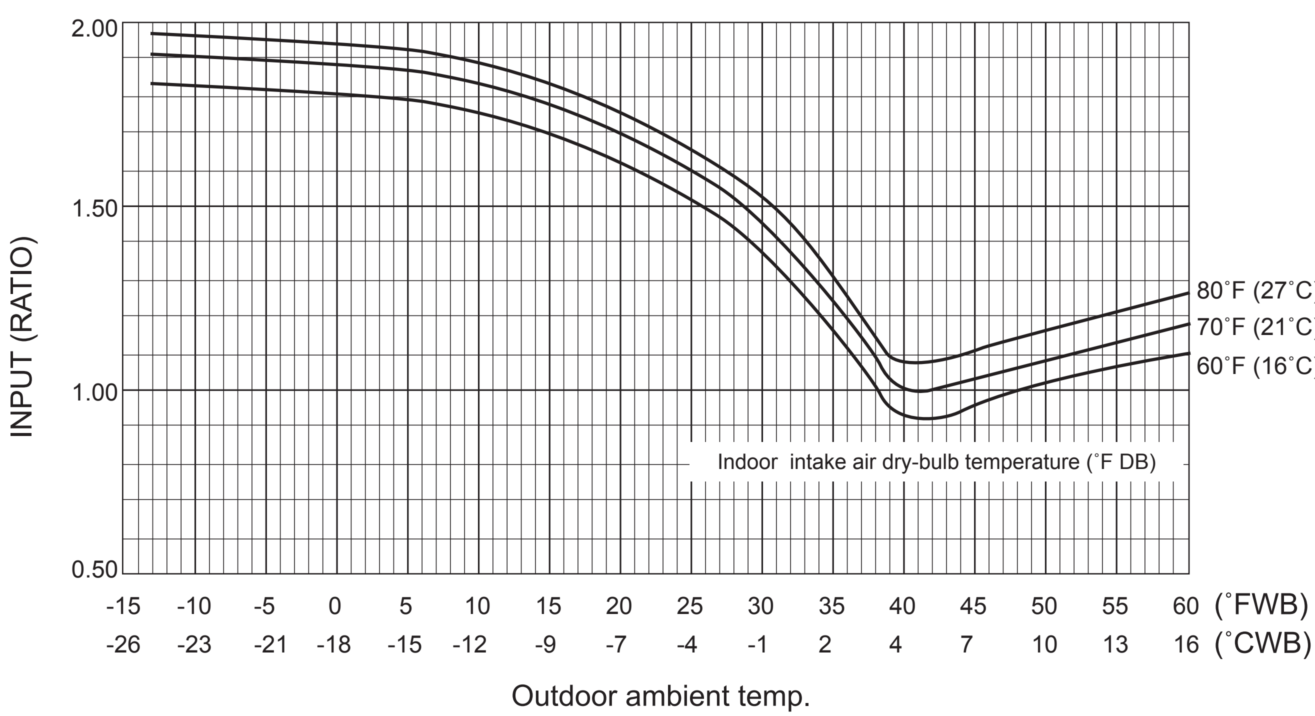
Note : This diagram shows the case where the operation frequency of a compressor is fixed.

Due to continuing improvement, above specification may be subject to change without notice.

7-3-2. Rated heating performance curve
Rated heating capacity



Heating input



Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

8-1. INVERTER

8-1-1. COOLING CAPACITY

PLA-A18BA6/PUY-A18NHA6

CAPACITY (BTU/H): 18,000 INPUT (kW): 1.94 SHF: 0.81

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	17,820	13,294	1.57	17,280	12,891	1.65	16,740	12,488	1.74	16,020	11,951	1.86	15,300	11,414	2.00	14,400	10,742	2.19
20	68	18	64	19,080	11,944	1.62	18,540	11,606	1.69	18,000	11,268	1.80	17,460	10,930	1.92	16,740	10,479	2.03	15,660	9,803	2.23
22	72	16	61	17,820	14,719	1.57	17,280	14,273	1.65	16,740	13,827	1.74	16,020	13,233	1.86	15,300	12,638	2.00	14,400	11,894	2.19
22	72	18	64	19,080	13,470	1.62	18,540	13,089	1.69	18,000	12,708	1.80	17,460	12,327	1.92	16,740	11,818	2.03	15,660	11,056	2.23
22	72	20	68	20,520	12,025	1.65	20,160	11,814	1.74	19,620	11,497	1.85	18,900	11,075	1.96	18,180	10,653	2.09	16,740	9,810	2.29
24	75	16	61	17,820	16,145	1.57	17,280	15,656	1.65	16,740	15,166	1.74	16,020	14,514	1.86	15,300	13,862	2.00	14,400	13,046	2.19
24	75	18	64	19,080	14,997	1.62	18,540	14,572	1.69	18,000	14,148	1.80	17,460	13,724	1.92	16,740	13,158	2.03	15,660	12,309	2.23
24	75	20	68	20,520	13,666	1.65	20,160	13,427	1.74	19,620	13,067	1.85	18,900	12,587	1.96	18,180	12,108	2.09	16,740	11,149	2.29
24	75	22	72	21,780	11,892	1.69	21,420	11,695	1.77	20,880	11,400	1.88	20,340	11,106	2.00	19,620	10,713	2.16	18,180	9,926	2.37
26	79	16	61	17,820	17,571	1.57	17,280	17,038	1.65	16,740	16,506	1.74	16,020	15,796	1.86	15,300	15,086	2.00	14,400	14,198	2.19
26	79	18	64	19,080	16,523	1.62	18,540	16,056	1.69	18,000	15,588	1.80	17,460	15,120	1.92	16,740	14,497	2.03	15,660	13,562	2.23
26	79	20	68	20,520	15,308	1.65	20,160	15,039	1.74	19,620	14,637	1.85	18,900	14,099	1.96	18,180	13,562	2.09	16,740	12,488	2.29
26	79	22	72	21,780	13,634	1.69	21,420	13,409	1.77	20,880	13,071	1.88	20,340	12,733	2.00	19,620	12,282	2.16	18,180	11,381	2.37
27	81	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
27	81	18	64	19,080	17,286	1.62	18,540	16,797	1.69	18,000	16,308	1.80	17,460	15,819	1.92	16,740	15,166	2.03	15,660	14,188	2.23
27	81	20	68	20,520	16,129	1.65	20,160	15,846	1.74	19,620	15,421	1.85	18,900	14,855	1.96	18,180	14,289	2.09	16,740	13,158	2.29
27	81	22	72	21,780	14,505	1.69	21,420	14,266	1.77	20,880	13,906	1.88	20,340	13,546	2.00	19,620	13,067	2.16	18,180	12,108	2.37
28	82	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
28	82	18	64	19,080	18,050	1.62	18,540	17,539	1.69	18,000	17,028	1.80	17,460	16,517	1.92	16,740	15,836	2.03	15,660	14,814	2.23
28	82	20	68	20,520	16,950	1.65	20,160	16,652	1.74	19,620	16,206	1.85	18,900	15,611	1.96	18,180	15,017	2.09	16,740	13,827	2.29
28	82	22	72	21,780	15,377	1.69	21,420	15,123	1.77	20,880	14,741	1.88	20,340	14,360	2.00	19,620	13,852	2.16	18,180	12,835	2.37
30	86	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
30	86	18	64	19,080	19,080	1.62	18,540	18,540	1.69	18,000	18,000	1.80	17,460	17,460	1.92	16,740	16,740	2.03	15,660	15,660	2.23
30	86	20	68	20,520	18,591	1.65	20,160	18,265	1.74	19,620	17,776	1.85	18,900	17,123	1.96	18,180	16,471	2.09	16,740	15,166	2.29
30	86	22	72	21,780	17,119	1.69	21,420	16,836	1.77	20,880	16,412	1.88	20,340	15,987	2.00	19,620	15,421	2.16	18,180	14,289	2.37
32	90	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
32	90	18	64	19,080	19,080	1.62	18,540	18,540	1.69	18,000	18,000	1.80	17,460	17,460	1.92	16,740	16,740	2.03	15,660	15,660	2.23
32	90	20	68	20,520	20,233	1.65	20,160	19,878	1.74	19,620	19,345	1.85	18,900	18,635	1.96	18,180	17,925	2.09	16,740	16,506	2.29
32	90	22	72	21,780	18,861	1.69	21,420	18,550	1.77	20,880	18,082	1.88	20,340	17,614	2.00	19,620	16,991	2.16	18,180	15,744	2.37
34	93	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
34	93	18	64	19,080	19,080	1.62	18,540	18,540	1.69	18,000	18,000	1.80	17,460	17,460	1.92	16,740	16,740	2.03	15,660	15,660	2.23
34	93	20	68	20,520	20,520	1.65	20,160	20,160	1.74	19,620	19,620	1.85	18,900	18,900	1.96	18,180	18,180	2.09	16,740	16,740	2.29
34	93	22	72	21,780	20,604	1.69	21,420	20,263	1.77	20,880	19,752	1.88	20,340	19,242	2.00	19,620	18,561	2.16	18,180	17,198	2.37

PLA-A24BA6/PUY-A24NHA6

CAPACITY (BTU/H): 18,000 INPUT (kW): 1.94 SHF: 0.81

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	23,760	16,537	2.02	23,040	16,036	2.12	22,320	15,535	2.24	21,360	14,867	2.40	20,400	14,198	2.58	19,200	13,363	2.82
20	68	18	64	25,440	14,653	2.08	24,720	14,239	2.18	24,000	13,824	2.32	23,280	13,409	2.48	22,320	12,856	2.62	20,880	12,027	2.88
22	72	16	61	23,760	18,438	2.02	23,040	17,879	2.12	22,320	17,320	2.24	21,360	16,575	2.40	20,400	15,830	2.58	19,200	14,899	2.82
22	72	18	64	25,440	16,689	2.08	24,720	16,216	2.18	24,000	15,744	2.32	23,280	15,272	2.48	22,320	14,642	2.62	20,880	13,697	2.88
22	72	20	68	27,360	14,665	2.12	26,880	14,408	2.24	26,160	14,022	2.38	25,200	13,507	2.52	24,240	12,993	2.70	22,320	11,964	2.96
24	75	16	61	23,760	20,339	2.02	23,040	19,722	2.12	22,320	19,106	2.24	21,360	18,284	2.40	20,400	17,462	2.58	19,200	16,435	2.82
24	75	18	64	25,440	18,724	2.08	24,720	18,194	2.18	24,000	17,664	2.32	23,280	17,134	2.48	22,320	16,428	2.62	20,880	15,368	2.88
24	75	20	68	27,360	16,854	2.12	26,880	16,558	2.24	26,160	16,115	2.38	25,200	15,523	2.52	24,240	14,932	2.70	22,320	13,749	2.96
24	75	22	72	29,040	14,404	2.18	28,560	14,166	2.28	27,840	13,809	2.42	27,120	13,452	2.58	26,160	12,975	2.78	24,240	12,023	3.06
26	79	16	61	23,760	22,239	2.02	23,040	21,565	2.12	22,320	20,892	2.24	21,360	19,993	2.40	20,400	19,094	2.58	19,200	17,971	2.82
26	79	18	64	25,440	20,759	2.08	24,720	20,172	2.18	24,000	19,584	2.32	23,280	18,996	2.48	22,320	18,213	2.62	20,880	17,038	2.88
26	79	20	68	27,360	19,043	2.12	26,880	18,708	2.24	26,160	18,207	2.38	25,200	17,539	2.52	24,240	16,871	2.70	22,320	15,535	2.96
26	79	22	72	29,040	16,727	2.18	28,560	16,451	2.28	27,840	16,036	2.42	27,120	15,621	2.58	26,160	15,068	2.78	24,240	13,962	3.06
27	81	16	61	23,760	23,190	2.02	23,040	22,487	2.12	22,320	21,784	2.24	21,360	20,847	2.40	20,400	19,910	2.58	19,200	18,739	2.82
27	81	18	64	25,440	21,777	2.08	24,720	21,160	2.18	24,000	20,544	2.32	23,280	19,928	2.48	22,320	19,106	2.62	20,880	17,873	2.88
27	81	20	68	27,360	20,137	2.12	26,880	19,784	2.24	26,160	19,254	2.38	25,200	18,547	2.52	24,240	17,841	2.70	22,320	16,428	2.96
27	81	22	72	29,040	17,889	2.18	28,560	17,593	2.28	27,840	17,149	2.42	27,120	16,706	2.58	26,160	16,115	2.78	24,240	14,932	3.06
28	82	16	61	23,760	23,760	2.02	23,040	23,040	2.12	22,320	22,320	2.24	21,360	21,360	2.40	20,400	20,400	2.58	19,200	19,200	2.82
28	82	18	64	25,440	22,794	2.08	24,720	22,149	2.18	24,000	21,504	2.32	23,280	20,859	2.48	22,320	19,999	2.62	20,880	18,708	2.88
28	82	20	68	27,360	21,231	2.12	26,880	20,859	2.24	26,160	20,300	2.38	25,200	19,555	2.52	24,240	18,810	2.70	22,320	17,320	2.96
28	82	22	72	29,040	19,050	2.18	28,560	18,735	2.28	27,840	18,263	2.42	27,120	17,791	2.58	26,160	17,161	2.78	24,240	15,901	3.06
30	86	16	61	23,760	23,760	2.02	23,040	23,040	2.12	22,320	22,320	2.24	21,360	21,360	2.40	20,400	20,400	2.58	19,200	19,200	2.82
30	86	18	64	25,440	24,829	2.08	24,720	24,127	2.18	24,000	23,424	2.32	23,280	22,721	2.48	22,320	21,784	2.62	20,880	20,379	2.88
30	86	20	68	27,360	23,420	2.12	26,880	23,009	2.24	26,160	22,393	2.38	25,200	21,571	2.52	24,240	20,749	2.70	22,320	19,106	2.96
30	86	22	72	29,040	21,373	2.18	28,560	21,020	2.28	27,840	20,490	2.42	27,120	19,960	2.58	26,160	19,254	2.78	24,240	17,841	3.06
32	90	16	61	23,760	23,760	2.02	23,040	23,040	2.12	22,320	22,320	2.24	21,360	21,360	2.40	20,400	20,400	2.58	19,200	19,200	2.82
32	90	18	64	25,440	25,440	2.08	24,720	24,720	2.18	24,000	24,000	2.32	23,280	23,280	2.48	22,320	22,320	2.62	20,880	20,880	2.88
32	90	20	68	27,360	25,609	2.12	26,880	25,160	2.24	26,160	24,486	2.38	25,200	23,587	2.52	24,240	22,689	2.70	22,320	20,892	2.96
32	90	22	72	29,040	23,697	2.18	28,560	23,305	2.28	27,840	22,717	2.42	27,120	22,130	2.58	26,160	21,347	2.78	24,240	19,780	3.06
34	93	16	61	23,760	23,760	2.02	23,040	23,040	2.12	22,320	22,320	2.24	21,360	21,360	2.40	20,400	20,400	2.58	19,200	19,200	2.82
34	93	18	64	25,440	25,440	2.08	24,720	24,720	2.18	24,000	24,000	2.32	23,280	23,280	2.48	22,320	22,320	2.62	20,880	20,880	2.88
34	93	20	68	27,360	27,360	2.12	26,880	26,880	2.24	26,160	26,160	2.38	25,200	25,200	2.52	24,240	24,240	2.70	22,320	22,320	2.96
34	93	22	72	29,040	26,020	2.18	28,560	25,590	2.28	27,840	24,945	2.42	27,120	24,300	2.58	26,160	23,439	2.78	24,240	21,719	3.06

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PLA-A30BA6/PUY-A30NHA6

CAPACITY (BTU/H): 30,000 INPUT (kW): 4.10 SHF: 0.73

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	29,700	19,780	3.32	28,800	19,181	3.48	27,900	18,581	3.68	26,700	17,782	3.94	25,500	16,983	4.23	24,000	15,984	4.62
20	68	18	64	31,800	17,363	3.42	30,900	16,871	3.58	30,000	16,380	3.81	29,100	15,889	4.07	27,900	15,233	4.30	26,100	14,251	4.72
22	72	16	61	29,700	22,156	3.32	28,800	21,485	3.48	27,900	20,813	3.68	26,700	19,918	3.94	25,500	19,023	4.23	24,000	17,904	4.62
22	72	18	64	31,800	19,907	3.42	30,900	19,343	3.58	30,000	18,780	3.81	29,100	18,217	4.07	27,900	17,465	4.30	26,100	16,339	4.72
22	72	20	68	34,200	17,305	3.48	33,600	17,002	3.68	32,700	16,546	3.90	31,500	15,939	4.13	30,300	15,332	4.43	27,900	14,117	4.85
24	75	16	61	29,700	24,532	3.32	28,800	23,789	3.48	27,900	23,045	3.68	26,700	22,054	3.94	25,500	21,063	4.23	24,000	19,824	4.62
24	75	18	64	31,800	22,451	3.42	30,900	21,815	3.58	30,000	21,180	3.81	29,100	20,545	4.07	27,900	19,697	4.30	26,100	18,427	4.72
24	75	20	68	34,200	20,041	3.48	33,600	19,690	3.68	32,700	19,162	3.90	31,500	18,459	4.13	30,300	17,756	4.43	27,900	16,349	4.85
24	75	22	72	36,300	16,916	3.58	35,700	16,636	3.74	34,800	16,217	3.97	33,900	15,797	4.23	32,700	15,238	4.56	30,300	14,120	5.01
26	79	16	61	29,700	26,908	3.32	28,800	26,093	3.48	27,900	25,277	3.68	26,700	24,190	3.94	25,500	23,103	4.23	24,000	21,744	4.62
26	79	18	64	31,800	24,995	3.42	30,900	24,287	3.58	30,000	23,580	3.81	29,100	22,873	4.07	27,900	21,929	4.30	26,100	20,515	4.72
26	79	20	68	34,200	22,777	3.48	33,600	22,378	3.68	32,700	21,778	3.90	31,500	20,979	4.13	30,300	20,180	4.43	27,900	18,581	4.85
26	79	22	72	36,300	19,820	3.58	35,700	19,492	3.74	34,800	19,001	3.97	33,900	18,509	4.23	32,700	17,854	4.56	30,300	16,544	5.01
27	81	16	61	29,700	28,096	3.32	28,800	27,245	3.48	27,900	26,393	3.68	26,700	25,258	3.94	25,500	24,123	4.23	24,000	22,704	4.62
27	81	18	64	31,800	26,267	3.42	30,900	25,523	3.58	30,000	24,780	3.81	29,100	24,037	4.07	27,900	23,045	4.30	26,100	21,559	4.72
27	81	20	68	34,200	24,145	3.48	33,600	23,722	3.68	32,700	23,086	3.90	31,500	22,239	4.13	30,300	21,392	4.43	27,900	19,697	4.85
27	81	22	72	36,300	21,272	3.58	35,700	20,920	3.74	34,800	20,393	3.97	33,900	19,865	4.23	32,700	19,162	4.56	30,300	17,756	5.01
28	82	16	61	29,700	29,284	3.32	28,800	28,397	3.48	27,900	27,509	3.68	26,700	26,326	3.94	25,500	25,143	4.23	24,000	23,664	4.62
28	82	18	64	31,800	27,539	3.42	30,900	26,759	3.58	30,000	25,980	3.81	29,100	25,201	4.07	27,900	24,161	4.30	26,100	22,603	4.72
28	82	20	68	34,200	25,513	3.48	33,600	25,066	3.68	32,700	24,394	3.90	31,500	23,499	4.13	30,300	22,604	4.43	27,900	20,813	4.85
28	82	22	72	36,300	22,724	3.58	35,700	22,348	3.74	34,800	21,785	3.97	33,900	21,221	4.23	32,700	20,470	4.56	30,300	18,968	5.01
30	86	16	61	29,700	29,700	3.32	28,800	28,800	3.48	27,900	27,900	3.68	26,700	26,700	3.94	25,500	25,500	4.23	24,000	24,000	4.62
30	86	18	64	31,800	30,083	3.42	30,900	29,231	3.58	30,000	28,380	3.81	29,100	27,529	4.07	27,900	26,393	4.30	26,100	24,691	4.72
30	86	20	68	34,200	28,249	3.48	33,600	27,754	3.68	32,700	27,010	3.90	31,500	26,019	4.13	30,300	25,028	4.43	27,900	23,045	4.85
30	86	22	72	36,300	25,628	3.58	35,700	25,204	3.74	34,800	24,569	3.97	33,900	23,933	4.23	32,700	23,086	4.56	30,300	21,392	5.01
32	90	16	61	29,700	29,700	3.32	28,800	28,800	3.48	27,900	27,900	3.68	26,700	26,700	3.94	25,500	25,500	4.23	24,000	24,000	4.62
32	90	18	64	31,800	31,800	3.42	30,900	30,900	3.58	30,000	30,000	3.81	29,100	29,100	4.07	27,900	27,900	4.30	26,100	26,100	4.72
32	90	20	68	34,200	30,985	3.48	33,600	30,442	3.68	32,700	29,626	3.90	31,500	28,539	4.13	30,300	27,452	4.43	27,900	25,277	4.85
32	90	22	72	36,300	28,532	3.58	35,700	28,060	3.74	34,800	27,353	3.97	33,900	26,645	4.23	32,700	25,702	4.56	30,300	23,816	5.01
34	93	16	61	29,700	29,700	3.32	28,800	28,800	3.48	27,900	27,900	3.68	26,700	26,700	3.94	25,500	25,500	4.23	24,000	24,000	4.62
34	93	18	64	31,800	31,800	3.42	30,900	30,900	3.58	30,000	30,000	3.81	29,100	29,100	4.07	27,900	27,900	4.30	26,100	26,100	4.72
34	93	20	68	34,200	33,721	3.48	33,600	33,130	3.68	32,700	32,242	3.90	31,500	31,059	4.13	30,300	29,876	4.43	27,900	27,509	4.85
34	93	22	72	36,300	31,436	3.58	35,700	30,916	3.74	34,800	30,137	3.97	33,900	29,357	4.23	32,700	28,318	4.56	30,300	26,240	5.01

PLA-A36BA6/PUY-A36NHA6

CAPACITY (BTU/H): 35,000 INPUT (kW): 4.50 SHF: 0.74

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	34,650	23,423	3.64	33,600	22,714	3.82	32,550	22,004	4.04	31,150	21,057	4.32	29,750	20,111	4.64	28,000	18,928	5.07
20	68	18	64	37,100	20,628	3.75	36,050	20,044	3.93	35,000	19,460	4.18	33,950	18,876	4.46	32,550	18,098	4.71	30,450	16,930	5.18
22	72	16	61	34,650	26,195	3.64	33,600	25,402	3.82	32,550	24,608	4.04	31,150	23,549	4.32	29,750	22,491	4.64	28,000	21,168	5.07
22	72	18	64	37,100	23,596	3.75	36,050	22,928	3.93	35,000	22,260	4.18	33,950	21,592	4.46	32,550	20,702	4.71	30,450	19,366	5.18
22	72	20	68	39,900	20,588	3.82	39,200	20,227	4.04	38,150	19,685	4.29	36,750	18,963	4.54	35,350	18,241	4.86	32,550	16,796	5.32
24	75	16	61	34,650	28,967	3.64	33,600	28,090	3.82	32,550	27,212	4.04	31,150	26,041	4.32	29,750	24,871	4.64	28,000	23,408	5.07
24	75	18	64	37,100	26,564	3.75	36,050	25,812	3.93	35,000	25,060	4.18	33,950	24,308	4.46	32,550	23,306	4.71	30,450	21,802	5.18
24	75	20	68	39,900	23,780	3.82	39,200	23,363	4.04	38,150	22,737	4.29	36,750	21,903	4.54	35,350	21,069	4.86	32,550	19,400	5.32
24	75	22	72	42,350	20,159	3.93	41,650	19,825	4.11	40,600	19,326	4.36	39,550	18,826	4.64	38,150	18,159	5.00	35,350	16,827	5.50
26	79	16	61	34,650	31,739	3.64	33,600	30,778	3.82	32,550	29,816	4.04	31,150	28,533	4.32	29,750	27,251	4.64	28,000	25,648	5.07
26	79	18	64	37,100	29,532	3.75	36,050	28,696	3.93	35,000	27,860	4.18	33,950	27,024	4.46	32,550	25,910	4.71	30,450	24,238	5.18
26	79	20	68	39,900	26,972	3.82	39,200	26,499	4.04	38,150	25,789	4.29	36,750	24,843	4.54	35,350	23,897	4.86	32,550	22,004	5.32
26	79	22	72	42,350	23,547	3.93	41,650	23,157	4.11	40,600	22,574	4.36	39,550	21,990	4.64	38,150	21,211	5.00	35,350	19,655	5.50
27	81	16	61	34,650	33,125	3.64	33,600	32,122	3.82	32,550	31,118	4.04	31,150	29,779	4.32	29,750	28,441	4.64	28,000	26,768	5.07
27	81	18	64	37,100	31,016	3.75	36,050	30,138	3.93	35,000	29,260	4.18	33,950	28,382	4.46	32,550	27,212	4.71	30,450	25,456	5.18
27	81	20	68	39,900	28,568	3.82	39,200	28,067	4.04	38,150	27,315	4.29	36,750	26,313	4.54	35,350	25,311	4.86	32,550	23,306	5.32
27	81	22	72	42,350	25,241	3.93	41,650	24,823	4.11	40,600	24,198	4.36	39,550	23,572	4.64	38,150	22,737	5.00	35,350	21,069	5.50
28	82	16	61	34,650	34,511	3.64	33,600	33,466	3.82	32,550	32,420	4.04	31,150	31,025	4.32	29,750	29,631	4.64	28,000	27,888	5.07
28	82	18	64	37,100	32,500	3.75	36,050	31,580	3.93	35,000	30,660	4.18	33,950	29,740	4.46	32,550	28,514	4.71	30,450	26,674	5.18
28	82	20	68	39,900	30,164	3.82	39,200	29,635	4.04	38,150	28,841	4.29	36,750	27,783	4.54	35,350	26,725	4.86	32,550	24,608	5.32
28	82	22	72	42,350	26,935	3.93	41,650	26,489	4.11	40,600	25,822	4.36	39,550	25,154	4.64	38,150	24,263	5.00	35,350	22,483	5.50
30	86	16	61	34,650	34,650	3.64	33,600	33,600	3.82	32,550	32,550	4.04	31,150	31,150	4.32	29,750	29,750	4.64	28,000	28,000	5.07
30	86	18	64	37,100	35,468	3.75	36,050	34,464	3.93	35,000	33,460	4.18	33,950	32,456	4.46	32,550	31,118	4.71	30,450	29,110	5.18
30	86	20	68	39,900	33,356	3.82	39,200	32,771	4.04	38,150	31,893	4.29	36,750	30,723	4.54	35,350	29,553	4.86	32,550	27,212	5.32
30	86	22	72	42,350	30,323	3.93	41,650	29,821	4.11	40,600	29,070	4.36	39,550	28,318	4.64	38,150	27,315	5.00	35,350	25,311	5.50
32	90	16	61	34,650	34,650	3.64	33,600	33,600	3.82	32,550	32,550	4.04	31,150	31,150	4.32	29,750	29,750	4.64	28,000	28,000	5.07
32	90	18	64	37,100	37,100	3.75	36,050	36,050	3.93	35,000	35,000	4.18	33,950	33,950	4.46	32,550	32,550	4.71	30,450	30,450	5.18
32	90	20	68	39,900	36,548	3.82	39,200	35,907	4.04	38,150	34,945	4.29	36,750	33,663	4.54	35,350	32,381	4.86	32,550	29,816	5.32
32	90	22	72	42,350	33,711	3.93	41,650	33,153	4.11	40,600	32,318	4.36	39,550	31,482	4.64	38,150	30,367	5.00	35,350	28,139	5.50
34	93	16	61	34,650	34,650	3.64	33,600	33,600	3.82	32,550	32,550	4.04	31,150	31,150	4.32	29,750	29,750	4.64	28,000	28,000	5.07
34	93	18	64	37,100	37,100	3.75	36,050	36,050	3.93	35,000	35,000	4.18	33,950	33,950	4.46	32,550	32,550	4.71	30,450	30,450	5.18
34	93	20	68	39,900	39,740	3.82	39,200	39,043	4.04	38,150	37,997	4.29	36,750	36,603	4.54	35,350	35,209	4.86	32,550	32,420	5.32
34	93	22	72	42,350	37,099	3.93	41,650	36,485	4.11	40,600	35,566	4.36	39,550	34,646	4.64	38,150	33,419	5.00	35,350	30,967	5.50

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

8. PERFORMANCE CHART

PLA-A42BA6/PUY-A42NHA6

CAPACITY (BTU/H): 42,000 INPUT (kW): 4.60 SHF: 0.71

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	26,861	3.72	40,320	26,047	3.91	39,060	25,233	4.13	37,380	24,147	4.42	35,700	23,062	4.75	33,600	21,706	5.18
20	68	18	64	44,520	23,418	3.83	43,260	22,755	4.02	42,000	22,092	4.27	40,740	21,429	4.56	39,060	20,546	4.82	36,540	19,220	5.29
22	72	16	61	41,580	30,187	3.72	40,320	29,272	3.91	39,060	28,358	4.13	37,380	27,138	4.42	35,700	25,918	4.75	33,600	24,394	5.18
22	72	18	64	44,520	26,979	3.83	43,260	26,216	4.02	42,000	25,452	4.27	40,740	24,688	4.56	39,060	23,670	4.82	36,540	22,143	5.29
22	72	20	68	47,880	23,270	3.91	47,040	22,861	4.13	45,780	22,249	4.38	44,100	21,433	4.64	42,420	20,616	4.97	39,060	18,983	5.44
24	75	16	61	41,580	33,513	3.72	40,320	32,498	3.91	39,060	31,482	4.13	37,380	30,128	4.42	35,700	28,774	4.75	33,600	27,082	5.18
24	75	18	64	44,520	30,541	3.83	43,260	29,676	4.02	42,000	28,812	4.27	40,740	27,948	4.56	39,060	26,795	4.82	36,540	25,066	5.29
24	75	20	68	47,880	27,100	3.91	47,040	26,625	4.13	45,780	25,911	4.38	44,100	24,961	4.64	42,420	24,010	4.97	39,060	22,108	5.44
24	75	22	72	50,820	22,666	4.02	49,980	22,291	4.20	48,720	21,729	4.45	47,460	21,167	4.75	45,780	20,418	5.11	42,420	18,919	5.62
26	79	16	61	41,580	36,840	3.72	40,320	35,724	3.91	39,060	34,607	4.13	37,380	33,119	4.42	35,700	31,630	4.75	33,600	29,770	5.18
26	79	18	64	44,520	34,102	3.83	43,260	33,137	4.02	42,000	32,172	4.27	40,740	31,207	4.56	39,060	29,920	4.82	36,540	27,990	5.29
26	79	20	68	47,880	30,930	3.91	47,040	30,388	4.13	45,780	29,574	4.38	44,100	28,489	4.64	42,420	27,403	4.97	39,060	25,233	5.44
26	79	22	72	50,820	26,731	4.02	49,980	26,289	4.20	48,720	25,627	4.45	47,460	24,964	4.75	45,780	24,080	5.11	42,420	22,313	5.62
27	81	16	61	41,580	38,503	3.72	40,320	37,336	3.91	39,060	36,170	4.13	37,380	34,614	4.42	35,700	33,058	4.75	33,600	31,114	5.18
27	81	18	64	44,520	35,883	3.83	43,260	34,868	4.02	42,000	33,852	4.27	40,740	32,836	4.56	39,060	31,482	4.82	36,540	29,451	5.29
27	81	20	68	47,880	32,846	3.91	47,040	32,269	4.13	45,780	31,405	4.38	44,100	30,253	4.64	42,420	29,100	4.97	39,060	26,795	5.44
27	81	22	72	50,820	28,764	4.02	49,980	28,289	4.20	48,720	27,576	4.45	47,460	26,862	4.75	45,780	25,911	5.11	42,420	24,010	5.62
28	82	16	61	41,580	40,166	3.72	40,320	38,949	3.91	39,060	37,732	4.13	37,380	36,109	4.42	35,700	34,486	4.75	33,600	32,458	5.18
28	82	18	64	44,520	37,664	3.83	43,260	36,598	4.02	42,000	35,532	4.27	40,740	34,466	4.56	39,060	33,045	4.82	36,540	30,913	5.29
28	82	20	68	47,880	34,761	3.91	47,040	34,151	4.13	45,780	33,236	4.38	44,100	32,017	4.64	42,420	30,797	4.97	39,060	28,358	5.44
28	82	22	72	50,820	30,797	4.02	49,980	30,288	4.20	48,720	29,524	4.45	47,460	28,761	4.75	45,780	27,743	5.11	42,420	25,707	5.62
30	86	16	61	41,580	41,580	3.72	40,320	40,320	3.91	39,060	39,060	4.13	37,380	37,380	4.42	35,700	35,700	4.75	33,600	33,600	5.18
30	86	18	64	44,520	41,226	3.83	43,260	40,059	4.02	42,000	38,892	4.27	40,740	37,725	4.56	39,060	36,170	4.82	36,540	33,836	5.29
30	86	20	68	47,880	38,591	3.91	47,040	37,914	4.13	45,780	36,899	4.38	44,100	35,545	4.64	42,420	34,191	4.97	39,060	31,482	5.44
30	86	22	72	50,820	34,863	4.02	49,980	34,286	4.20	48,720	33,422	4.45	47,460	32,558	4.75	45,780	31,405	5.11	42,420	29,100	5.62
32	90	16	61	41,580	41,580	3.72	40,320	40,320	3.91	39,060	39,060	4.13	37,380	37,380	4.42	35,700	35,700	4.75	33,600	33,600	5.18
32	90	18	64	44,520	44,520	3.83	43,260	43,260	4.02	42,000	42,000	4.27	40,740	40,740	4.56	39,060	39,060	4.82	36,540	36,540	5.29
32	90	20	68	47,880	42,422	3.91	47,040	41,677	4.13	45,780	40,561	4.38	44,100	39,073	4.64	42,420	37,584	4.97	39,060	34,607	5.44
32	90	22	72	50,820	38,928	4.02	49,980	38,285	4.20	48,720	37,320	4.45	47,460	36,354	4.75	45,780	35,067	5.11	42,420	32,494	5.62
34	93	16	61	41,580	41,580	3.72	40,320	40,320	3.91	39,060	39,060	4.13	37,380	37,380	4.42	35,700	35,700	4.75	33,600	33,600	5.18
34	93	18	64	44,520	44,520	3.83	43,260	43,260	4.02	42,000	42,000	4.27	40,740	40,740	4.56	39,060	39,060	4.82	36,540	36,540	5.29
34	93	20	68	47,880	46,252	3.91	47,040	45,441	4.13	45,780	44,223	4.38	44,100	42,601	4.64	42,420	40,978	4.97	39,060	37,732	5.44
34	93	22	72	50,820	42,994	4.02	49,980	42,283	4.20	48,720	41,217	4.45	47,460	40,151	4.75	45,780	38,730	5.11	42,420	35,887	5.62

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PKA-A12HA6/PUY-A12NHA6

CAPACITY (BTU/H): 12,000 INPUT (kW): 1.19 SHF: 0.81

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	11,880	8,862	0.96	11,520	8,594	1.01	11,160	8,325	1.07	10,680	7,967	1.14	10,200	7,609	1.23	9,600	7,162	1.34
20	68	18	64	12,720	7,963	0.99	12,360	7,737	1.04	12,000	7,512	1.11	11,640	7,287	1.18	11,160	6,986	1.25	10,440	6,535	1.37
22	72	16	61	11,880	9,813	0.96	11,520	9,516	1.01	11,160	9,218	1.07	10,680	8,822	1.14	10,200	8,425	1.23	9,600	7,930	1.34
22	72	18	64	12,720	8,980	0.99	12,360	8,726	1.04	12,000	8,472	1.11	11,640	8,218	1.18	11,160	7,879	1.25	10,440	7,371	1.37
22	72	20	68	13,680	8,016	1.01	13,440	7,876	1.07	13,080	7,665	1.13	12,600	7,384	1.20	12,120	7,102	1.28	11,160	6,540	1.41
24	75	16	61	11,880	10,763	0.96	11,520	10,437	1.01	11,160	10,111	1.07	10,680	9,676	1.14	10,200	9,241	1.23	9,600	8,698	1.34
24	75	18	64	12,720	9,998	0.99	12,360	9,715	1.04	12,000	9,432	1.11	11,640	9,149	1.18	11,160	8,772	1.25	10,440	8,206	1.37
24	75	20	68	13,680	9,111	1.01	13,440	8,951	1.07	13,080	8,711	1.13	12,600	8,392	1.20	12,120	8,072	1.28	11,160	7,433	1.41
24	75	22	72	14,520	7,928	1.04	14,280	7,797	1.09	13,920	7,600	1.15	13,560	7,404	1.23	13,080	7,142	1.32	12,120	6,618	1.45
26	79	16	61	11,880	11,714	0.96	11,520	11,359	1.01	11,160	11,004	1.07	10,680	10,530	1.14	10,200	10,057	1.23	9,600	9,466	1.34
26	79	18	64	12,720	11,016	0.99	12,360	10,704	1.04	12,000	10,392	1.11	11,640	10,080	1.18	11,160	9,665	1.25	10,440	9,041	1.37
26	79	20	68	13,680	10,205	1.01	13,440	10,026	1.07	13,080	9,758	1.13	12,600	9,400	1.20	12,120	9,042	1.28	11,160	8,325	1.41
26	79	22	72	14,520	9,090	1.04	14,280	8,939	1.09	13,920	8,714	1.15	13,560	8,489	1.23	13,080	8,188	1.32	12,120	7,587	1.45
27	81	16	61	11,880	11,880	0.96	11,520	11,520	1.01	11,160	11,160	1.07	10,680	10,680	1.14	10,200	10,200	1.23	9,600	9,600	1.34
27	81	18	64	12,720	11,524	0.99	12,360	11,198	1.04	12,000	10,872	1.11	11,640	10,546	1.18	11,160	10,111	1.25	10,440	9,459	1.37
27	81	20	68	13,680	10,752	1.01	13,440	10,564	1.07	13,080	10,281	1.13	12,600	9,904	1.20	12,120	9,526	1.28	11,160	8,772	1.41
27	81	22	72	14,520	9,670	1.04	14,280	9,510	1.09	13,920	9,271	1.15	13,560	9,031	1.23	13,080	8,711	1.32	12,120	8,072	1.45
28	82	16	61	11,880	11,880	0.96	11,520	11,520	1.01	11,160	11,160	1.07	10,680	10,680	1.14	10,200	10,200	1.23	9,600	9,600	1.34
28	82	18	64	12,720	12,033	0.99	12,360	11,693	1.04	12,000	11,352	1.11	11,640	11,011	1.18	11,160	10,557	1.25	10,440	9,876	1.37
28	82	20	68	13,680	11,300	1.01	13,440	11,101	1.07	13,080	10,804	1.13	12,600	10,408	1.20	12,120	10,011	1.28	11,160	9,218	1.41
28	82	22	72	14,520	10,251	1.04	14,280	10,082	1.09	13,920	9,828	1.15	13,560	9,573	1.23	13,080	9,234	1.32	12,120	8,557	1.45
30	86	16	61	11,880	11,880	0.96	11,520	11,520	1.01	11,160	11,160	1.07	10,680	10,680	1.14	10,200	10,200	1.23	9,600	9,600	1.34
30	86	18	64	12,720	12,720	0.99	12,360	12,360	1.04	12,000	12,000	1.11	11,640	11,640	1.18	11,160	11,160	1.25	10,440	10,440	1.37
30	86	20	68	13,680	12,394	1.01	13,440	12,177	1.07	13,080	11,850	1.13	12,600	11,416	1.20	12,120	10,981	1.28	11,160	10,111	1.41
30	86	22	72	14,520	11,413	1.04	14,280	11,224	1.09	13,920	10,941	1.15	13,560	10,658	1.23	13,080	10,281	1.32	12,120	9,526	1.45
32	90	16	61	11,880	11,880	0.96	11,520	11,520	1.01	11,160	11,160	1.07	10,680	10,680	1.14	10,200	10,200	1.23	9,600	9,600	1.34
32	90	18	64	12,720	12,720	0.99	12,360	12,360	1.04	12,000	12,000	1.11	11,640	11,640	1.18	11,160	11,160	1.25	10,440	10,440	1.37
32	90	20	68	13,680	13,488	1.01	13,440	13,252	1.07	13,080	12,897	1.13	12,600	12,424	1.20	12,120	11,950	1.28	11,160	11,004	1.41
32	90	22	72	14,520	12,574	1.04	14,280	12,366	1.09	13,920	12,055	1.15	13,560	11,743	1.23	13,080	11,327	1.32	12,120	10,496	1.45
34	93	16	61	11,880	11,880	0.96	11,520	11,520	1.01	11,160	11,160	1.07	10,680	10,680	1.14	10,200	10,200	1.23	9,600	9,600	1.34
34	93	18	64	12,720	12,720	0.99	12,360	12,360	1.04	12,000	12,000	1.11	11,640	11,640	1.18	11,160	11,160	1.25	10,440	10,440	1.37
34	93	20	68	13,680	13,680	1.01	13,440	13,440	1.07	13,080	13,080	1.13	12,600	12,600	1.20	12,120	12,120	1.28	11,160	11,160	1.41
34	93	22	72	14,520	13,736	1.04	14,280	13,509	1.09	13,920	13,168	1.15	13,560	12,828	1.23	13,080	12,374	1.32	12,120	11,466	1.45

PKA-A18HA6/PUY-A18NHA6

CAPACITY (BTU/H): 18,000 INPUT (kW): 2.24 SHF: 0.68

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	17,820	10,977	1.81	17,280	10,644	1.90	16,740	10,312	2.01	16,020	9,868	2.15	15,300	9,425	2.31	14,400	8,870	2.52
20	68	18	64	19,080	9,464	1.87	18,540	9,196	1.96	18,000	8,928	2.08	17,460	8,660	2.22	16,740	8,303	2.35	15,660	7,767	2.58
22	72	16	61	17,820	12,403	1.81	17,280	12,027	1.90	16,740	11,651	2.01	16,020	11,150	2.15	15,300	10,649	2.31	14,400	10,022	2.52
22	72	18	64	19,080	10,990	1.87	18,540	10,679	1.96	18,000	10,368	2.08	17,460	10,057	2.22	16,740	9,642	2.35	15,660	9,020	2.58
22	72	20	68	20,520	9,357	1.90	20,160	9,193	2.01	19,620	8,947	2.13	18,900	8,618	2.26	18,180	8,290	2.42	16,740	7,633	2.65
24	75	16	61	17,820	13,828	1.81	17,280	13,409	1.90	16,740	12,990	2.01	16,020	12,432	2.15	15,300	11,873	2.31	14,400	11,174	2.52
24	75	18	64	19,080	12,516	1.87	18,540	12,162	1.96	18,000	11,808	2.08	17,460	11,454	2.22	16,740	10,981	2.35	15,660	10,273	2.58
24	75	20	68	20,520	10,999	1.90	20,160	10,806	2.01	19,620	10,516	2.13	18,900	10,130	2.26	18,180	9,744	2.42	16,740	8,973	2.65
24	75	22	72	21,780	9,060	1.96	21,420	8,911	2.04	20,880	8,686	2.17	20,340	8,461	2.31	19,620	8,162	2.49	18,180	7,563	2.74
26	79	16	61	17,820	15,254	1.81	17,280	14,792	1.90	16,740	14,329	2.01	16,020	13,713	2.15	15,300	13,097	2.31	14,400	12,326	2.52
26	79	18	64	19,080	14,043	1.87	18,540	13,645	1.96	18,000	13,248	2.08	17,460	12,851	2.22	16,740	12,321	2.35	15,660	11,526	2.58
26	79	20	68	20,520	12,640	1.90	20,160	12,419	2.01	19,620	12,086	2.13	18,900	11,642	2.26	18,180	11,199	2.42	16,740	10,312	2.65
26	79	22	72	21,780	10,803	1.96	21,420	10,624	2.04	20,880	10,356	2.17	20,340	10,089	2.31	19,620	9,732	2.49	18,180	9,017	2.74
27	81	16	61	17,820	15,967	1.81	17,280	15,483	1.90	16,740	14,999	2.01	16,020	14,354	2.15	15,300	13,709	2.31	14,400	12,902	2.52
27	81	18	64	19,080	14,806	1.87	18,540	14,387	1.96	18,000	13,968	2.08	17,460	13,549	2.22	16,740	12,990	2.35	15,660	12,152	2.58
27	81	20	68	20,520	13,461	1.90	20,160	13,225	2.01	19,620	12,871	2.13	18,900	12,398	2.26	18,180	11,926	2.42	16,740	10,981	2.65
27	81	22	72	21,780	11,674	1.96	21,420	11,481	2.04	20,880	11,192	2.17	20,340	10,902	2.31	19,620	10,516	2.49	18,180	9,744	2.74
28	82	16	61	17,820	16,680	1.81	17,280	16,174	1.90	16,740	15,669	2.01	16,020	14,995	2.15	15,300	14,321	2.31	14,400	13,478	2.52
28	82	18	64	19,080	15,569	1.87	18,540	15,129	1.96	18,000	14,688	2.08	17,460	14,247	2.22	16,740	13,660	2.35	15,660	12,779	2.58
28	82	20	68	20,520	14,282	1.90	20,160	14,031	2.01	19,620	13,656	2.13	18,900	13,154	2.26	18,180	12,653	2.42	16,740	11,651	2.65
28	82	22	72	21,780	12,545	1.96	21,420	12,338	2.04	20,880	12,027	2.17	20,340	11,716	2.31	19,620	11,301	2.49	18,180	10,472	2.74
30	86	16	61	17,820	17,820	1.81	17,280	17,280	1.90	16,740	16,740	2.01	16,020	16,020	2.15	15,300	15,300	2.31	14,400	14,400	2.52
30	86	18	64	19,080	17,096	1.87	18,540	16,612	1.96	18,000	16,128	2.08	17,460	15,644	2.22	16,740	14,999	2.35	15,660	14,031	2.58
30	86	20	68	20,520	15,924	1.90	20,160	15,644	2.01	19,620	15,225	2.13	18,900	14,666	2.26	18,180	14,108	2.42	16,740	12,990	2.65
30	86	22	72	21,780	14,288	1.96	21,420	14,052	2.04	20,880	13,697	2.17	20,340	13,343	2.31	19,620	12,871	2.49	18,180	11,926	2.74
32	90	16	61	17,820	17,820	1.81	17,280	17,280	1.90	16,740	16,740	2.01	16,020	16,020	2.15	15,300	15,300	2.31	14,400	14,400	2.52
32	90	18	64	19,080	18,622	1.87	18,540	18,095	1.96	18,000	17,568	2.08	17,460	17,041	2.22	16,740	16,338	2.35	15,660	15,284	2.58
32	90	20	68	20,520	17,565	1.90	20,160	17,257	2.01	19,620	16,795	2.13	18,900	16,178	2.26	18,180	15,562	2.42	16,740	14,329	2.65
32	90	22	72	21,780	16,030	1.96	21,420	15,765	2.04	20,880	15,368	2.17	20,340	14,970	2.31	19,620	14,440	2.49	18,180	13,380	2.74
34	93	16	61	17,820	17,820	1.81	17,280	17,280	1.90	16,740	16,740	2.01	16,020	16,020	2.15	15,300	15,300	2.31	14,400	14,400	2.52
34	93	18	64	19,080	19,080	1.87	18,540	18,540	1.96	18,000	18,000	2.08	17,460	17,460	2.22	16,740	16,740	2.35	15,660	15,660	2.58
34	93	20	68	20,520	19,207	1.90	20,160	18,870	2.01	19,620	18,364	2.13	18,900	17,690	2.26	18,180	17,016	2.42	16,740	15,669	2.65
34	93	22	72	21,780	17,772	1.96	21,420	17,479	2.04	20,880	17,038	2.17	20,340	16,597	2.31	19,620	16,010	2.49	18,180	14,835	2.74

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PKA-A24KA6/PUY-A24NHA6

CAPACITY (BTU/H): 24,000 INPUT (kW): 2.27 SHF: 0.77

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	23,760	16,775	1.84	23,040	16,266	1.93	22,320	15,758	2.04	21,360	15,080	2.18	20,400	14,402	2.34	19,200	13,555	2.56
20	68	18	64	25,440	14,908	1.89	24,720	14,486	1.98	24,000	14,064	2.11	23,280	13,642	2.25	22,320	13,080	2.38	20,880	12,236	2.61
22	72	16	61	23,760	18,675	1.84	23,040	18,109	1.93	22,320	17,544	2.04	21,360	16,789	2.18	20,400	16,034	2.34	19,200	15,091	2.56
22	72	18	64	25,440	16,943	1.89	24,720	16,464	1.98	24,000	15,984	2.11	23,280	15,504	2.25	22,320	14,865	2.38	20,880	13,906	2.61
22	72	20	68	27,360	14,939	1.93	26,880	14,676	2.04	26,160	14,283	2.16	25,200	13,759	2.29	24,240	13,235	2.45	22,320	12,187	2.68
24	75	16	61	23,760	20,576	1.84	23,040	19,953	1.93	22,320	19,329	2.04	21,360	18,498	2.18	20,400	17,666	2.34	19,200	16,627	2.56
24	75	18	64	25,440	18,978	1.89	24,720	18,441	1.98	24,000	17,904	2.11	23,280	17,367	2.25	22,320	16,651	2.38	20,880	15,576	2.61
24	75	20	68	27,360	17,127	1.93	26,880	16,827	2.04	26,160	16,376	2.16	25,200	15,775	2.29	24,240	15,174	2.45	22,320	13,972	2.68
24	75	22	72	29,040	14,694	1.98	28,560	14,451	2.07	27,840	14,087	2.20	27,120	13,723	2.34	26,160	13,237	2.52	24,240	12,265	2.77
26	79	16	61	23,760	22,477	1.84	23,040	21,796	1.93	22,320	21,115	2.04	21,360	20,207	2.18	20,400	19,298	2.34	19,200	18,163	2.56
26	79	18	64	25,440	21,013	1.89	24,720	20,419	1.98	24,000	19,824	2.11	23,280	19,229	2.25	22,320	18,436	2.38	20,880	17,247	2.61
26	79	20	68	27,360	19,316	1.93	26,880	18,977	2.04	26,160	18,469	2.16	25,200	17,791	2.29	24,240	17,113	2.45	22,320	15,758	2.68
26	79	22	72	29,040	17,017	1.98	28,560	16,736	2.07	27,840	16,314	2.20	27,120	15,892	2.34	26,160	15,330	2.52	24,240	14,205	2.77
27	81	16	61	23,760	23,427	1.84	23,040	22,717	1.93	22,320	22,008	2.04	21,360	21,061	2.18	20,400	20,114	2.34	19,200	18,931	2.56
27	81	18	64	25,440	22,031	1.89	24,720	21,408	1.98	24,000	20,784	2.11	23,280	20,160	2.25	22,320	19,329	2.38	20,880	18,082	2.61
27	81	20	68	27,360	20,411	1.93	26,880	20,052	2.04	26,160	19,515	2.16	25,200	18,799	2.29	24,240	18,083	2.45	22,320	16,651	2.68
27	81	22	72	29,040	18,179	1.98	28,560	17,879	2.07	27,840	17,428	2.20	27,120	16,977	2.34	26,160	16,376	2.52	24,240	15,174	2.77
28	82	16	61	23,760	23,760	1.84	23,040	23,040	1.93	22,320	22,320	2.04	21,360	21,360	2.18	20,400	20,400	2.34	19,200	19,200	2.56
28	82	18	64	25,440	23,049	1.89	24,720	22,396	1.98	24,000	21,744	2.11	23,280	21,092	2.25	22,320	20,222	2.38	20,880	18,917	2.61
28	82	20	68	27,360	21,505	1.93	26,880	21,128	2.04	26,160	20,562	2.16	25,200	19,807	2.29	24,240	19,053	2.45	22,320	17,544	2.68
28	82	22	72	29,040	19,341	1.98	28,560	19,021	2.07	27,840	18,541	2.20	27,120	18,062	2.34	26,160	17,423	2.52	24,240	16,144	2.77
30	86	16	61	23,760	23,760	1.84	23,040	23,040	1.93	22,320	22,320	2.04	21,360	21,360	2.18	20,400	20,400	2.34	19,200	19,200	2.56
30	86	18	64	25,440	25,084	1.89	24,720	24,374	1.98	24,000	23,664	2.11	23,280	22,954	2.25	22,320	22,008	2.38	20,880	20,588	2.61
30	86	20	68	27,360	23,694	1.93	26,880	23,278	2.04	26,160	22,655	2.16	25,200	21,823	2.29	24,240	20,992	2.45	22,320	19,329	2.68
30	86	22	72	29,040	21,664	1.98	28,560	21,306	2.07	27,840	20,769	2.20	27,120	20,232	2.34	26,160	19,515	2.52	24,240	18,083	2.77
32	90	16	61	23,760	23,760	1.84	23,040	23,040	1.93	22,320	22,320	2.04	21,360	21,360	2.18	20,400	20,400	2.34	19,200	19,200	2.56
32	90	18	64	25,440	25,440	1.89	24,720	24,720	1.98	24,000	24,000	2.11	23,280	23,280	2.25	22,320	22,320	2.38	20,880	20,880	2.61
32	90	20	68	27,360	25,883	1.93	26,880	25,428	2.04	26,160	24,747	2.16	25,200	23,839	2.29	24,240	22,931	2.45	22,320	21,115	2.68
32	90	22	72	29,040	23,987	1.98	28,560	23,591	2.07	27,840	22,996	2.20	27,120	22,401	2.34	26,160	21,608	2.52	24,240	20,022	2.77
34	93	16	61	23,760	23,760	1.84	23,040	23,040	1.93	22,320	22,320	2.04	21,360	21,360	2.18	20,400	20,400	2.34	19,200	19,200	2.56
34	93	18	64	25,440	25,440	1.89	24,720	24,720	1.98	24,000	24,000	2.11	23,280	23,280	2.25	22,320	22,320	2.38	20,880	20,880	2.61
34	93	20	68	27,360	27,360	1.93	26,880	26,880	2.04	26,160	26,160	2.16	25,200	25,200	2.29	24,240	24,240	2.45	22,320	22,320	2.68
34	93	22	72	29,040	26,310	1.98	28,560	25,875	2.07	27,840	25,223	2.20	27,120	24,571	2.34	26,160	23,701	2.52	24,240	21,961	2.77

PKA-A30KA6/PUY-A30NHA6

CAPACITY (BTU/H): 30,000 INPUT (kW): 4.13 SHF: 0.70

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	29,700	18,889	3.34	28,800	18,317	3.51	27,900	17,744	3.70	26,700	16,981	3.97	25,500	16,218	4.26	24,000	15,264	4.65
20	68	18	64	31,800	16,409	3.44	30,900	15,944	3.61	30,000	15,480	3.84	29,100	15,016	4.10	27,900	14,396	4.33	26,100	13,468	4.75
22	72	16	61	29,700	21,265	3.34	28,800	20,621	3.51	27,900	19,976	3.70	26,700	19,117	3.97	25,500	18,258	4.26	24,000	17,184	4.65
22	72	18	64	31,800	18,953	3.44	30,900	18,416	3.61	30,000	17,880	3.84	29,100	17,344	4.10	27,900	16,628	4.33	26,100	15,556	4.75
22	72	20	68	34,200	16,279	3.51	33,600	15,994	3.70	32,700	15,565	3.93	31,500	14,994	4.16	30,300	14,423	4.46	27,900	13,280	4.88
24	75	16	61	29,700	23,641	3.34	28,800	22,925	3.51	27,900	22,208	3.70	26,700	21,253	3.97	25,500	20,298	4.26	24,000	19,104	4.65
24	75	18	64	31,800	21,497	3.44	30,900	20,888	3.61	30,000	20,280	3.84	29,100	19,672	4.10	27,900	18,860	4.33	26,100	17,644	4.75
24	75	20	68	34,200	19,015	3.51	33,600	18,682	3.70	32,700	18,181	3.93	31,500	17,514	4.16	30,300	16,847	4.46	27,900	15,512	4.88
24	75	22	72	36,300	15,827	3.61	35,700	15,565	3.77	34,800	15,173	4.00	33,900	14,780	4.26	32,700	14,257	4.59	30,300	13,211	5.05
26	79	16	61	29,700	26,017	3.34	28,800	25,229	3.51	27,900	24,440	3.70	26,700	23,389	3.97	25,500	22,338	4.26	24,000	21,024	4.65
26	79	18	64	31,800	24,041	3.44	30,900	23,360	3.61	30,000	22,680	3.84	29,100	22,000	4.10	27,900	21,092	4.33	26,100	19,732	4.75
26	79	20	68	34,200	21,751	3.51	33,600	21,370	3.70	32,700	20,797	3.93	31,500	20,034	4.16	30,300	19,271	4.46	27,900	17,744	4.88
26	79	22	72	36,300	18,731	3.61	35,700	18,421	3.77	34,800	17,957	4.00	33,900	17,492	4.26	32,700	16,873	4.59	30,300	15,635	5.05
27	81	16	61	29,700	27,205	3.34	28,800	26,381	3.51	27,900	25,556	3.70	26,700	24,457	3.97	25,500	23,358	4.26	24,000	21,984	4.65
27	81	18	64	31,800	25,313	3.44	30,900	24,596	3.61	30,000	23,880	3.84	29,100	23,164	4.10	27,900	22,208	4.33	26,100	20,776	4.75
27	81	20	68	34,200	23,119	3.51	33,600	22,714	3.70	32,700	22,105	3.93	31,500	21,294	4.16	30,300	20,483	4.46	27,900	18,860	4.88
27	81	22	72	36,300	20,183	3.61	35,700	19,849	3.77	34,800	19,349	4.00	33,900	18,848	4.26	32,700	18,181	4.59	30,300	16,847	5.05
28	82	16	61	29,700	28,393	3.34	28,800	27,533	3.51	27,900	26,672	3.70	26,700	25,525	3.97	25,500	24,378	4.26	24,000	22,944	4.65
28	82	18	64	31,800	26,585	3.44	30,900	25,832	3.61	30,000	25,080	3.84	29,100	24,328	4.10	27,900	23,324	4.33	26,100	21,820	4.75
28	82	20	68	34,200	24,487	3.51	33,600	24,058	3.70	32,700	23,413	3.93	31,500	22,554	4.16	30,300	21,695	4.46	27,900	19,976	4.88
28	82	22	72	36,300	21,635	3.61	35,700	21,277	3.77	34,800	20,741	4.00	33,900	20,204	4.26	32,700	19,489	4.59	30,300	18,059	5.05
30	86	16	61	29,700	29,700	3.34	28,800	28,800	3.51	27,900	27,900	3.70	26,700	26,700	3.97	25,500	25,500	4.26	24,000	24,000	4.65
30	86	18	64	31,800	29,129	3.44	30,900	28,304	3.61	30,000	27,480	3.84	29,100	26,656	4.10	27,900	25,556	4.33	26,100	23,908	4.75
30	86	20	68	34,200	27,223	3.51	33,600	26,746	3.70	32,700	26,029	3.93	31,500	25,074	4.16	30,300	24,119	4.46	27,900	22,208	4.88
30	86	22	72	36,300	24,539	3.61	35,700	24,133	3.77	34,800	23,525	4.00	33,900	22,916	4.26	32,700	22,105	4.59	30,300	20,483	5.05
32	90	16	61	29,700	29,700	3.34	28,800	28,800	3.51	27,900	27,900	3.70	26,700	26,700	3.97	25,500	25,500	4.26	24,000	24,000	4.65
32	90	18	64	31,800	31,673	3.44	30,900	30,776	3.61	30,000	29,880	3.84	29,100	28,984	4.10	27,900	27,788	4.33	26,100	25,996	4.75
32	90	20	68	34,200	29,959	3.51	33,600	29,434	3.70	32,700	28,645	3.93	31,500	27,594	4.16	30,300	26,543	4.46	27,900	24,440	4.88
32	90	22	72	36,300	27,443	3.61	35,700	26,989	3.77	34,800	26,309	4.00	33,900	25,628	4.26	32,700	24,721	4.59	30,300	22,907	5.05
34	93	16	61	29,700	29,700	3.34	28,800	28,800	3.51	27,900	27,900	3.70	26,700	26,700	3.97	25,500	25,500	4.26	24,000	24,000	4.65
34	93	18	64	31,800	31,800	3.44	30,900	30,900	3.61	30,000	30,000	3.84	29,100	29,100	4.10	27,900	27,900	4.33	26,100	26,100	4.75
34	93	20	68	34,200	32,695	3.51	33,600	32,122	3.70	32,700	31,261	3.93	31,500	30,114	4.16	30,300	28,967	4.46	27,900	26,672	4.88
34	93	22	72	36,300	30,347	3.61	35,700	29,845	3.77	34,800	29,093	4.00	33,900	28,340	4.26	32,700	27,337	4.59	30,300	25,331	5.05

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PKA-A36KA6/PUY-A36NHA6

CAPACITY (BTU/H): 34,200 INPUT (kW): 5.03 SHF: 0.70

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	33,858	21,534	4.07	32,832	20,881	4.27	31,806	20,229	4.51	30,438	19,359	4.83	29,070	18,489	5.19	27,360	17,401	5.67
20	68	18	64	36,252	18,706	4.19	35,226	18,177	4.39	34,200	17,647	4.67	33,174	17,118	4.99	31,806	16,412	5.27	29,754	15,353	5.79
22	72	16	61	33,858	24,242	4.07	32,832	23,508	4.27	31,806	22,773	4.51	30,438	21,794	4.83	29,070	20,814	5.19	27,360	19,590	5.67
22	72	18	64	36,252	21,606	4.19	35,226	20,995	4.39	34,200	20,383	4.67	33,174	19,772	4.99	31,806	18,956	5.27	29,754	17,733	5.79
22	72	20	68	38,988	18,558	4.27	38,304	18,233	4.51	37,278	17,744	4.79	35,910	17,093	5.07	34,542	16,442	5.43	31,806	15,140	5.95
24	75	16	61	33,858	26,951	4.07	32,832	26,134	4.27	31,806	25,318	4.51	30,438	24,229	4.83	29,070	23,140	5.19	27,360	21,779	5.67
24	75	18	64	36,252	24,506	4.19	35,226	23,813	4.39	34,200	23,119	4.67	33,174	22,426	4.99	31,806	21,501	5.27	29,754	20,114	5.79
24	75	20	68	38,988	21,677	4.27	38,304	21,297	4.51	37,278	20,727	4.79	35,910	19,966	5.07	34,542	19,205	5.43	31,806	17,684	5.95
24	75	22	72	41,382	18,043	4.39	40,698	17,744	4.59	39,672	17,297	4.87	38,646	16,850	5.19	37,278	16,253	5.59	34,542	15,060	6.15
26	79	16	61	33,858	29,660	4.07	32,832	28,761	4.27	31,806	27,862	4.51	30,438	26,664	4.83	29,070	25,465	5.19	27,360	23,967	5.67
26	79	18	64	36,252	27,407	4.19	35,226	26,631	4.39	34,200	25,855	4.67	33,174	25,080	4.99	31,806	24,045	5.27	29,754	22,494	5.79
26	79	20	68	38,988	24,796	4.27	38,304	24,361	4.51	37,278	23,709	4.79	35,910	22,839	5.07	34,542	21,969	5.43	31,806	20,229	5.95
26	79	22	72	41,382	21,353	4.39	40,698	21,000	4.59	39,672	20,471	4.87	38,646	19,941	5.19	37,278	19,235	5.59	34,542	17,824	6.15
27	81	16	61	33,858	31,014	4.07	32,832	30,074	4.27	31,806	29,134	4.51	30,438	27,881	4.83	29,070	26,628	5.19	27,360	25,062	5.67
27	81	18	64	36,252	28,857	4.19	35,226	28,040	4.39	34,200	27,223	4.67	33,174	26,407	4.99	31,806	25,318	5.27	29,754	23,684	5.79
27	81	20	68	38,988	26,356	4.27	38,304	25,894	4.51	37,278	25,200	4.79	35,910	24,275	5.07	34,542	23,350	5.43	31,806	21,501	5.95
27	81	22	72	41,382	23,008	4.39	40,698	22,628	4.59	39,672	22,058	4.87	38,646	21,487	5.19	37,278	20,727	5.59	34,542	19,205	6.15
28	82	16	61	33,858	32,368	4.07	32,832	31,387	4.27	31,806	30,407	4.51	30,438	29,099	4.83	29,070	27,791	5.19	27,360	26,156	5.67
28	82	18	64	36,252	30,307	4.19	35,226	29,449	4.39	34,200	28,591	4.67	33,174	27,733	4.99	31,806	26,590	5.27	29,754	24,874	5.79
28	82	20	68	38,988	27,915	4.27	38,304	27,426	4.51	37,278	26,691	4.79	35,910	25,712	5.07	34,542	24,732	5.43	31,806	22,773	5.95
28	82	22	72	41,382	24,664	4.39	40,698	24,256	4.59	39,672	23,645	4.87	38,646	23,033	5.19	37,278	22,218	5.59	34,542	20,587	6.15
30	86	16	61	33,858	33,858	4.07	32,832	32,832	4.27	31,806	31,806	4.51	30,438	30,438	4.83	29,070	29,070	5.19	27,360	27,360	5.67
30	86	18	64	36,252	33,207	4.19	35,226	32,267	4.39	34,200	31,327	4.67	33,174	30,387	4.99	31,806	29,134	5.27	29,754	27,255	5.79
30	86	20	68	38,988	31,034	4.27	38,304	30,490	4.51	37,278	29,673	4.79	35,910	28,584	5.07	34,542	27,495	5.43	31,806	25,318	5.95
30	86	22	72	41,382	27,974	4.39	40,698	27,512	4.59	39,672	26,818	4.87	38,646	26,125	5.19	37,278	25,200	5.59	34,542	23,350	6.15
32	90	16	61	33,858	33,858	4.07	32,832	32,832	4.27	31,806	31,806	4.51	30,438	30,438	4.83	29,070	29,070	5.19	27,360	27,360	5.67
32	90	18	64	36,252	36,107	4.19	35,226	35,085	4.39	34,200	34,063	4.67	33,174	33,041	4.99	31,806	31,679	5.27	29,754	29,635	5.79
32	90	20	68	38,988	34,153	4.27	38,304	33,554	4.51	37,278	32,656	4.79	35,910	31,457	5.07	34,542	30,259	5.43	31,806	27,862	5.95
32	90	22	72	41,382	31,285	4.39	40,698	30,768	4.59	39,672	29,992	4.87	38,646	29,216	5.19	37,278	28,182	5.59	34,542	26,114	6.15
34	93	16	61	33,858	33,858	4.07	32,832	32,832	4.27	31,806	31,806	4.51	30,438	30,438	4.83	29,070	29,070	5.19	27,360	27,360	5.67
34	93	18	64	36,252	36,252	4.19	35,226	35,226	4.39	34,200	34,200	4.67	33,174	33,174	4.99	31,806	31,806	5.27	29,754	29,754	5.79
34	93	20	68	38,988	37,273	4.27	38,304	36,619	4.51	37,278	35,638	4.79	35,910	34,330	5.07	34,542	33,022	5.43	31,806	30,407	5.95
34	93	22	72	41,382	34,595	4.39	40,698	34,024	4.59	39,672	33,166	4.87	38,646	32,308	5.19	37,278	31,164	5.59	34,542	28,877	6.15

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

8. PERFORMANCE CHART

PCA-A24KA6/PUY-A24NHA6

CAPACITY (BTU/H): 24,000 INPUT (kW): 2.34 SHF: 0.73

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	23,760	15,824	1.89	23,040	15,345	1.99	22,320	14,865	2.10	21,360	14,226	2.25	20,400	13,586	2.41	19,200	12,787	2.64
20	68	18	64	25,440	13,890	1.95	24,720	13,497	2.04	24,000	13,104	2.17	23,280	12,711	2.32	22,320	12,187	2.45	20,880	11,400	2.69
22	72	16	61	23,760	17,725	1.89	23,040	17,188	1.99	22,320	16,651	2.10	21,360	15,935	2.25	20,400	15,218	2.41	19,200	14,323	2.64
22	72	18	64	25,440	15,925	1.95	24,720	15,475	2.04	24,000	15,024	2.17	23,280	14,573	2.32	22,320	13,972	2.45	20,880	13,071	2.69
22	72	20	68	27,360	13,844	1.99	26,880	13,601	2.10	26,160	13,237	2.23	25,200	12,751	2.36	24,240	12,265	2.53	22,320	11,294	2.77
24	75	16	61	23,760	19,626	1.89	23,040	19,031	1.99	22,320	18,436	2.10	21,360	17,643	2.25	20,400	16,850	2.41	19,200	15,859	2.64
24	75	18	64	25,440	17,961	1.95	24,720	17,452	2.04	24,000	16,944	2.17	23,280	16,436	2.32	22,320	15,758	2.45	20,880	14,741	2.69
24	75	20	68	27,360	16,033	1.99	26,880	15,752	2.10	26,160	15,330	2.23	25,200	14,767	2.36	24,240	14,205	2.53	22,320	13,080	2.77
24	75	22	72	29,040	13,533	2.04	28,560	13,309	2.14	27,840	12,973	2.27	27,120	12,638	2.41	26,160	12,191	2.60	24,240	11,296	2.86
26	79	16	61	23,760	21,527	1.89	23,040	20,874	1.99	22,320	20,222	2.10	21,360	19,352	2.25	20,400	18,482	2.41	19,200	17,395	2.64
26	79	18	64	25,440	19,996	1.95	24,720	19,430	2.04	24,000	18,864	2.17	23,280	18,298	2.32	22,320	17,544	2.45	20,880	16,412	2.69
26	79	20	68	27,360	18,222	1.99	26,880	17,902	2.10	26,160	17,423	2.23	25,200	16,783	2.36	24,240	16,144	2.53	22,320	14,865	2.77
26	79	22	72	29,040	15,856	2.04	28,560	15,594	2.14	27,840	15,201	2.27	27,120	14,808	2.41	26,160	14,283	2.60	24,240	13,235	2.86
27	81	16	61	23,760	22,477	1.89	23,040	21,796	1.99	22,320	21,115	2.10	21,360	20,207	2.25	20,400	19,298	2.41	19,200	18,163	2.64
27	81	18	64	25,440	21,013	1.95	24,720	20,419	2.04	24,000	19,824	2.17	23,280	19,229	2.32	22,320	18,436	2.45	20,880	17,247	2.69
27	81	20	68	27,360	19,316	1.99	26,880	18,977	2.10	26,160	18,469	2.23	25,200	17,791	2.36	24,240	17,113	2.53	22,320	15,758	2.77
27	81	22	72	29,040	17,017	2.04	28,560	16,736	2.14	27,840	16,314	2.27	27,120	15,892	2.41	26,160	15,330	2.60	24,240	14,205	2.86
28	82	16	61	23,760	23,427	1.89	23,040	22,717	1.99	22,320	22,008	2.10	21,360	21,061	2.25	20,400	20,114	2.41	19,200	18,931	2.64
28	82	18	64	25,440	22,031	1.95	24,720	21,408	2.04	24,000	20,784	2.17	23,280	20,160	2.32	22,320	19,329	2.45	20,880	18,082	2.69
28	82	20	68	27,360	20,411	1.99	26,880	20,052	2.10	26,160	19,515	2.23	25,200	18,799	2.36	24,240	18,083	2.53	22,320	16,651	2.77
28	82	22	72	29,040	18,179	2.04	28,560	17,879	2.14	27,840	17,428	2.27	27,120	16,977	2.41	26,160	16,376	2.60	24,240	15,174	2.86
30	86	16	61	23,760	23,760	1.89	23,040	23,040	1.99	22,320	22,320	2.10	21,360	21,360	2.25	20,400	20,400	2.41	19,200	19,200	2.64
30	86	18	64	25,440	24,066	1.95	24,720	23,385	2.04	24,000	22,704	2.17	23,280	22,023	2.32	22,320	21,115	2.45	20,880	19,752	2.69
30	86	20	68	27,360	22,599	1.99	26,880	22,203	2.10	26,160	21,608	2.23	25,200	20,815	2.36	24,240	20,022	2.53	22,320	18,436	2.77
30	86	22	72	29,040	20,502	2.04	28,560	20,163	2.14	27,840	19,655	2.27	27,120	19,147	2.41	26,160	18,469	2.60	24,240	17,113	2.86
32	90	16	61	23,760	23,760	1.89	23,040	23,040	1.99	22,320	22,320	2.10	21,360	21,360	2.25	20,400	20,400	2.41	19,200	19,200	2.64
32	90	18	64	25,440	25,440	1.95	24,720	24,720	2.04	24,000	24,000	2.17	23,280	23,280	2.32	22,320	22,320	2.45	20,880	20,880	2.69
32	90	20	68	27,360	24,788	1.99	26,880	24,353	2.10	26,160	23,701	2.23	25,200	22,831	2.36	24,240	21,961	2.53	22,320	20,222	2.77
32	90	22	72	29,040	22,825	2.04	28,560	22,448	2.14	27,840	21,882	2.27	27,120	21,316	2.41	26,160	20,562	2.60	24,240	19,053	2.86
34	93	16	61	23,760	23,760	1.89	23,040	23,040	1.99	22,320	22,320	2.10	21,360	21,360	2.25	20,400	20,400	2.41	19,200	19,200	2.64
34	93	18	64	25,440	25,440	1.95	24,720	24,720	2.04	24,000	24,000	2.17	23,280	23,280	2.32	22,320	22,320	2.45	20,880	20,880	2.69
34	93	20	68	27,360	26,977	1.99	26,880	26,504	2.10	26,160	25,794	2.23	25,200	24,847	2.36	24,240	23,901	2.53	22,320	22,008	2.77
34	93	22	72	29,040	25,149	2.04	28,560	24,733	2.14	27,840	24,109	2.27	27,120	23,486	2.41	26,160	22,655	2.60	24,240	20,992	2.86

PCA-A30KA6/PUY-A30NHA6

CAPACITY (BTU/H): 30,000 INPUT (kW): 3.76 SHF: 0.69

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	29,700	18,592	3.04	28,800	18,029	3.19	27,900	17,465	3.37	26,700	16,714	3.61	25,500	15,963	3.88	24,000	15,024	4.24
20	68	18	64	31,800	16,091	3.13	30,900	15,635	3.28	30,000	15,180	3.49	29,100	14,725	3.73	27,900	14,117	3.94	26,100	13,207	4.33
22	72	16	61	29,700	20,968	3.04	28,800	20,333	3.19	27,900	19,697	3.37	26,700	18,850	3.61	25,500	18,003	3.88	24,000	16,944	4.24
22	72	18	64	31,800	18,635	3.13	30,900	18,107	3.28	30,000	17,580	3.49	29,100	17,053	3.73	27,900	16,349	3.94	26,100	15,295	4.33
22	72	20	68	34,200	15,937	3.19	33,600	15,658	3.37	32,700	15,238	3.58	31,500	14,679	3.79	30,300	14,120	4.06	27,900	13,001	4.45
24	75	16	61	29,700	23,344	3.04	28,800	22,637	3.19	27,900	21,929	3.37	26,700	20,986	3.61	25,500	20,043	3.88	24,000	18,864	4.24
24	75	18	64	31,800	21,179	3.13	30,900	20,579	3.28	30,000	19,980	3.49	29,100	19,381	3.73	27,900	18,581	3.94	26,100	17,383	4.33
24	75	20	68	34,200	18,673	3.19	33,600	18,346	3.37	32,700	17,854	3.58	31,500	17,199	3.79	30,300	16,544	4.06	27,900	15,233	4.45
24	75	22	72	36,300	15,464	3.28	35,700	15,208	3.43	34,800	14,825	3.64	33,900	14,441	3.88	32,700	13,930	4.18	30,300	12,908	4.60
26	79	16	61	29,700	25,720	3.04	28,800	24,941	3.19	27,900	24,161	3.37	26,700	23,122	3.61	25,500	22,083	3.88	24,000	20,784	4.24
26	79	18	64	31,800	23,723	3.13	30,900	23,051	3.28	30,000	22,380	3.49	29,100	21,709	3.73	27,900	20,813	3.94	26,100	19,471	4.33
26	79	20	68	34,200	21,409	3.19	33,600	21,034	3.37	32,700	20,470	3.58	31,500	19,719	3.79	30,300	18,968	4.06	27,900	17,465	4.45
26	79	22	72	36,300	18,368	3.28	35,700	18,064	3.43	34,800	17,609	3.64	33,900	17,153	3.88	32,700	16,546	4.18	30,300	15,332	4.60
27	81	16	61	29,700	26,908	3.04	28,800	26,093	3.19	27,900	25,277	3.37	26,700	24,190	3.61	25,500	23,103	3.88	24,000	21,744	4.24
27	81	18	64	31,800	24,995	3.13	30,900	24,287	3.28	30,000	23,580	3.49	29,100	22,873	3.73	27,900	21,929	3.94	26,100	20,515	4.33
27	81	20	68	34,200	22,777	3.19	33,600	22,378	3.37	32,700	21,778	3.58	31,500	20,979	3.79	30,300	20,180	4.06	27,900	18,581	4.45
27	81	22	72	36,300	19,820	3.28	35,700	19,492	3.43	34,800	19,001	3.64	33,900	18,509	3.88	32,700	17,854	4.18	30,300	16,544	4.60
28	82	16	61	29,700	28,096	3.04	28,800	27,245	3.19	27,900	26,393	3.37	26,700	25,258	3.61	25,500	24,123	3.88	24,000	22,704	4.24
28	82	18	64	31,800	26,267	3.13	30,900	25,523	3.28	30,000	24,780	3.49	29,100	24,037	3.73	27,900	23,045	3.94	26,100	21,559	4.33
28	82	20	68	34,200	24,145	3.19	33,600	23,722	3.37	32,700	23,086	3.58	31,500	22,239	3.79	30,300	21,392	4.06	27,900	19,697	4.45
28	82	22	72	36,300	21,272	3.28	35,700	20,920	3.43	34,800	20,393	3.64	33,900	19,865	3.88	32,700	19,162	4.18	30,300	17,756	4.60
30	86	16	61	29,700	29,700	3.04	28,800	28,800	3.19	27,900	27,900	3.37	26,700	26,700	3.61	25,500	25,500	3.88	24,000	24,000	4.24
30	86	18	64	31,800	28,811	3.13	30,900	27,995	3.28	30,000	27,180	3.49	29,100	26,365	3.73	27,900	25,277	3.94	26,100	23,647	4.33
30	86	20	68	34,200	26,881	3.19	33,600	26,410	3.37	32,700	25,702	3.58	31,500	24,759	3.79	30,300	23,816	4.06	27,900	21,929	4.45
30	86	22	72	36,300	24,176	3.28	35,700	23,776	3.43	34,800	23,177	3.64	33,900	22,577	3.88	32,700	21,778	4.18	30,300	20,180	4.60
32	90	16	61	29,700	29,700	3.04	28,800	28,800	3.19	27,900	27,900	3.37	26,700	26,700	3.61	25,500	25,500	3.88	24,000	24,000	4.24
32	90	18	64	31,800	31,355	3.13	30,900	30,467	3.28	30,000	29,580	3.49	29,100	28,693	3.73	27,900	27,509	3.94	26,100	25,735	4.33
32	90	20	68	34,200	29,617	3.19	33,600	29,098	3.37	32,700	28,318	3.58	31,500	27,279	3.79	30,300	26,240	4.06	27,900	24,161	4.45
32	90	22	72	36,300	27,080	3.28	35,700	26,632	3.43	34,800	25,961	3.64	33,900	25,289	3.88	32,700	24,394	4.18	30,300	22,604	4.60
34	93	16	61	29,700	29,700	3.04	28,800	28,800	3.19	27,900	27,900	3.37	26,700	26,700	3.61	25,500	25,500	3.88	24,000	24,000	4.24
34	93	18	64	31,800	31,800	3.13	30,900	30,900	3.28	30,000	30,000	3.49	29,100	29,100	3.73	27,900	27,900	3.94	26,100	26,100	4.33
34	93	20	68	34,200	32,353	3.19	33,600	31,786	3.37	32,700	30,934	3.58	31,500	29,799	3.79	30,300	28,664	4.06	27,900	26,393	4.45
34	93	22	72	36,300	29,984	3.28	35,700	29,488	3.43	34,800	28,745	3.64	33,900	28,001	3.88	32,700	27,010	4.18	30,300	25,028	4.60

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

8. PERFORMANCE CHART

PCA-A36KA6/PUY-A36NHA6

CAPACITY (BTU/H): 35,000 INPUT (kW): 4.63 SHF: 0.73

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	34,650	23,077	3.75	33,600	22,378	3.93	32,550	21,678	4.15	31,150	20,746	4.45	29,750	19,814	4.78	28,000	18,648	5.22
20	68	18	64	37,100	20,257	3.86	36,050	19,683	4.04	35,000	19,110	4.30	33,950	18,537	4.59	32,550	17,772	4.85	30,450	16,626	5.33
22	72	16	61	34,650	25,849	3.75	33,600	25,066	3.93	32,550	24,282	4.15	31,150	23,238	4.45	29,750	22,194	4.78	28,000	20,888	5.22
22	72	18	64	37,100	23,225	3.86	36,050	22,567	4.04	35,000	21,910	4.30	33,950	21,253	4.59	32,550	20,376	4.85	30,450	19,062	5.33
22	72	20	68	39,900	20,189	3.93	39,200	19,835	4.15	38,150	19,304	4.41	36,750	18,596	4.67	35,350	17,887	5.00	32,550	16,470	5.48
24	75	16	61	34,650	28,621	3.75	33,600	27,754	3.93	32,550	26,886	4.15	31,150	25,730	4.45	29,750	24,574	4.78	28,000	23,128	5.22
24	75	18	64	37,100	26,193	3.86	36,050	25,451	4.04	35,000	24,710	4.30	33,950	23,969	4.59	32,550	22,980	4.85	30,450	21,498	5.33
24	75	20	68	39,900	23,381	3.93	39,200	22,971	4.15	38,150	22,356	4.41	36,750	21,536	4.67	35,350	20,715	5.00	32,550	19,074	5.48
24	75	22	72	42,350	19,735	4.04	41,650	19,409	4.23	40,600	18,920	4.48	39,550	18,430	4.78	38,150	17,778	5.14	35,350	16,473	5.66
26	79	16	61	34,650	31,393	3.75	33,600	30,442	3.93	32,550	29,490	4.15	31,150	28,222	4.45	29,750	26,954	4.78	28,000	25,368	5.22
26	79	18	64	37,100	29,161	3.86	36,050	28,335	4.04	35,000	27,510	4.30	33,950	26,685	4.59	32,550	25,584	4.85	30,450	23,934	5.33
26	79	20	68	39,900	26,573	3.93	39,200	26,107	4.15	38,150	25,408	4.41	36,750	24,476	4.67	35,350	23,543	5.00	32,550	21,678	5.48
26	79	22	72	42,350	23,123	4.04	41,650	22,741	4.23	40,600	22,168	4.48	39,550	21,594	4.78	38,150	20,830	5.14	35,350	19,301	5.66
27	81	16	61	34,650	32,779	3.75	33,600	31,786	3.93	32,550	30,792	4.15	31,150	29,468	4.45	29,750	28,144	4.78	28,000	26,488	5.22
27	81	18	64	37,100	30,645	3.86	36,050	29,777	4.04	35,000	28,910	4.30	33,950	28,043	4.59	32,550	26,886	4.85	30,450	25,152	5.33
27	81	20	68	39,900	28,169	3.93	39,200	27,675	4.15	38,150	26,934	4.41	36,750	25,946	4.67	35,350	24,957	5.00	32,550	22,980	5.48
27	81	22	72	42,350	24,817	4.04	41,650	24,407	4.23	40,600	23,792	4.48	39,550	23,176	4.78	38,150	22,356	5.14	35,350	20,715	5.66
28	82	16	61	34,650	34,165	3.75	33,600	33,130	3.93	32,550	32,094	4.15	31,150	30,714	4.45	29,750	29,334	4.78	28,000	27,608	5.22
28	82	18	64	37,100	32,129	3.86	36,050	31,219	4.04	35,000	30,310	4.30	33,950	29,401	4.59	32,550	28,188	4.85	30,450	26,370	5.33
28	82	20	68	39,900	29,765	3.93	39,200	29,243	4.15	38,150	28,460	4.41	36,750	27,416	4.67	35,350	26,371	5.00	32,550	24,282	5.48
28	82	22	72	42,350	26,511	4.04	41,650	26,073	4.23	40,600	25,416	4.48	39,550	24,758	4.78	38,150	23,882	5.14	35,350	22,129	5.66
30	86	16	61	34,650	34,650	3.75	33,600	33,600	3.93	32,550	32,550	4.15	31,150	31,150	4.45	29,750	29,750	4.78	28,000	28,000	5.22
30	86	18	64	37,100	35,097	3.86	36,050	34,103	4.04	35,000	33,110	4.30	33,950	32,117	4.59	32,550	30,792	4.85	30,450	28,806	5.33
30	86	20	68	39,900	32,957	3.93	39,200	32,379	4.15	38,150	31,512	4.41	36,750	30,356	4.67	35,350	29,199	5.00	32,550	26,886	5.48
30	86	22	72	42,350	29,899	4.04	41,650	29,405	4.23	40,600	28,664	4.48	39,550	27,922	4.78	38,150	26,934	5.14	35,350	24,957	5.66
32	90	16	61	34,650	34,650	3.75	33,600	33,600	3.93	32,550	32,550	4.15	31,150	31,150	4.45	29,750	29,750	4.78	28,000	28,000	5.22
32	90	18	64	37,100	37,100	3.86	36,050	36,050	4.04	35,000	35,000	4.30	33,950	33,950	4.59	32,550	32,550	4.85	30,450	30,450	5.33
32	90	20	68	39,900	36,149	3.93	39,200	35,515	4.15	38,150	34,564	4.41	36,750	33,296	4.67	35,350	32,027	5.00	32,550	29,490	5.48
32	90	22	72	42,350	33,287	4.04	41,650	32,737	4.23	40,600	31,912	4.48	39,550	31,086	4.78	38,150	29,986	5.14	35,350	27,785	5.66
34	93	16	61	34,650	34,650	3.75	33,600	33,600	3.93	32,550	32,550	4.15	31,150	31,150	4.45	29,750	29,750	4.78	28,000	28,000	5.22
34	93	18	64	37,100	37,100	3.86	36,050	36,050	4.04	35,000	35,000	4.30	33,950	33,950	4.59	32,550	32,550	4.85	30,450	30,450	5.33
34	93	20	68	39,900	39,341	3.93	39,200	38,651	4.15	38,150	37,616	4.41	36,750	36,236	4.67	35,350	34,855	5.00	32,550	32,094	5.48
34	93	22	72	42,350	36,675	4.04	41,650	36,069	4.23	40,600	35,160	4.48	39,550	34,250	4.78	38,150	33,038	5.14	35,350	30,613	5.66

PCA-A42KA6/PUY-A42NHA6

CAPACITY (BTU/H): 42,000 INPUT (kW): 4.11 SHF: 0.69

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	26,029	3.33	40,320	25,240	3.49	39,060	24,452	3.69	37,380	23,400	3.95	35,700	22,348	4.24	33,600	21,034	4.63
20	68	18	64	44,520	22,527	3.43	43,260	21,890	3.59	42,000	21,252	3.82	40,740	20,614	4.08	39,060	19,764	4.31	36,540	18,489	4.73
22	72	16	61	41,580	29,355	3.33	40,320	28,466	3.49	39,060	27,576	3.69	37,380	26,390	3.95	35,700	25,204	4.24	33,600	23,722	4.63
22	72	18	64	44,520	26,089	3.43	43,260	25,350	3.59	42,000	24,612	3.82	40,740	23,874	4.08	39,060	22,889	4.31	36,540	21,412	4.73
22	72	20	68	47,880	22,312	3.49	47,040	21,921	3.69	45,780	21,333	3.91	44,100	20,551	4.14	42,420	19,768	4.44	39,060	18,202	4.86
24	75	16	61	41,580	32,682	3.33	40,320	31,692	3.49	39,060	30,701	3.69	37,380	29,381	3.95	35,700	28,060	4.24	33,600	26,410	4.63
24	75	18	64	44,520	29,650	3.43	43,260	28,811	3.59	42,000	27,972	3.82	40,740	27,133	4.08	39,060	26,014	4.31	36,540	24,336	4.73
24	75	20	68	47,880	26,142	3.49	47,040	25,684	3.69	45,780	24,996	3.91	44,100	24,079	4.14	42,420	23,161	4.44	39,060	21,327	4.86
24	75	22	72	50,820	21,649	3.59	49,980	21,291	3.75	48,720	20,755	3.98	47,460	20,218	4.24	45,780	19,502	4.57	42,420	18,071	5.02
26	79	16	61	41,580	36,008	3.33	40,320	34,917	3.49	39,060	33,826	3.69	37,380	32,371	3.95	35,700	30,916	4.24	33,600	29,098	4.63
26	79	18	64	44,520	33,212	3.43	43,260	32,272	3.59	42,000	31,332	3.82	40,740	30,392	4.08	39,060	29,139	4.31	36,540	27,259	4.73
26	79	20	68	47,880	29,973	3.49	47,040	29,447	3.69	45,780	28,658	3.91	44,100	27,607	4.14	42,420	26,555	4.44	39,060	24,452	4.86
26	79	22	72	50,820	25,715	3.59	49,980	25,290	3.75	48,720	24,652	3.98	47,460	24,015	4.24	45,780	23,165	4.57	42,420	21,465	5.02
27	81	16	61	41,580	37,671	3.33	40,320	36,530	3.49	39,060	35,388	3.69	37,380	33,866	3.95	35,700	32,344	4.24	33,600	30,442	4.63
27	81	18	64	44,520	34,993	3.43	43,260	34,002	3.59	42,000	33,012	3.82	40,740	32,022	4.08	39,060	30,701	4.31	36,540	28,720	4.73
27	81	20	68	47,880	31,888	3.49	47,040	31,329	3.69	45,780	30,489	3.91	44,100	29,371	4.14	42,420	28,252	4.44	39,060	26,014	4.86
27	81	22	72	50,820	27,748	3.59	49,980	27,289	3.75	48,720	26,601	3.98	47,460	25,913	4.24	45,780	24,996	4.57	42,420	23,161	5.02
28	82	16	61	41,580	39,335	3.33	40,320	38,143	3.49	39,060	36,951	3.69	37,380	35,361	3.95	35,700	33,772	4.24	33,600	31,786	4.63
28	82	18	64	44,520	36,774	3.43	43,260	35,733	3.59	42,000	34,692	3.82	40,740	33,651	4.08	39,060	32,264	4.31	36,540	30,182	4.73
28	82	20	68	47,880	33,803	3.49	47,040	33,210	3.69	45,780	32,321	3.91	44,100	31,135	4.14	42,420	29,949	4.44	39,060	27,576	4.86
28	82	22	72	50,820	29,781	3.59	49,980	29,288	3.75	48,720	28,550	3.98	47,460	27,812	4.24	45,780	26,827	4.57	42,420	24,858	5.02
30	86	16	61	41,580	41,580	3.33	40,320	40,320	3.49	39,060	39,060	3.69	37,380	37,380	3.95	35,700	35,700	4.24	33,600	33,600	4.63
30	86	18	64	44,520	40,335	3.43	43,260	39,194	3.59	42,000	38,052	3.82	40,740	36,910	4.08	39,060	35,388	4.31	36,540	33,105	4.73
30	86	20	68	47,880	37,634	3.49	47,040	36,973	3.69	45,780	35,983	3.91	44,100	34,663	4.14	42,420	33,342	4.44	39,060	30,701	4.86
30	86	22	72	50,820	33,846	3.59	49,980	33,287	3.75	48,720	32,448	3.98	47,460	31,608	4.24	45,780	30,489	4.57	42,420	28,252	5.02
32	90	16	61	41,580	41,580	3.33	40,320	40,320	3.49	39,060	39,060	3.69	37,380	37,380	3.95	35,700	35,700	4.24	33,600	33,600	4.63
32	90	18	64	44,520	43,897	3.43	43,260	42,654	3.59	42,000	41,412	3.82	40,740	40,170	4.08	39,060	38,513	4.31	36,540	36,028	4.73
32	90	20	68	47,880	41,464	3.49	47,040	40,737	3.69	45,780	39,645	3.91	44,100	38,191	4.14	42,420	36,736	4.44	39,060	33,826	4.86
32	90	22	72	50,820	37,912	3.59	49,980	37,285	3.75	48,720	36,345	3.98	47,460	35,405	4.24	45,780	34,152	4.57	42,420	31,645	5.02
34	93	16	61	41,580	41,580	3.33	40,320	40,320	3.49	39,060	39,060	3.69	37,380	37,380	3.95	35,700	35,700	4.24	33,600	33,600	4.63
34	93	18	64	44,520	44,520	3.43	43,260	43,260	3.59	42,000	42,000	3.82	40,740	40,740	4.08	39,060	39,060	4.31	36,540	36,540	4.73
34	93	20	68	47,880	45,294	3.49	47,040	44,500	3.69	45,780	43,308	3.91	44,100	41,719	4.14	42,420	40,129	4.44	39,060	36,951	4.86
34	93	22	72	50,820	41,977	3.59	49,980	41,283	3.75	48,720	40,243	3.98	47,460	39,202	4.24	45,780	37,814	4.57	42,420	35,039	5.02

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PEA-A12AA6/PUY-A12NHA6

CAPACITY(BTU/H) : 12,000 INPUT(kW) : 1.24 SHF : 0.77

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	11,880	8,387	1.00	11,520	8,133	1.05	11,160	7,879	1.11	10,680	7,540	1.19	10,200	7,201	1.28	9,600	6,778	1.40
20	68	18	64	12,720	7,454	1.03	12,360	7,243	1.08	12,000	7,032	1.15	11,640	6,821	1.23	11,160	6,540	1.30	10,440	6,118	1.43
22	72	16	61	11,880	9,338	1.00	11,520	9,055	1.05	11,160	8,772	1.11	10,680	8,394	1.19	10,200	8,017	1.28	9,600	7,546	1.40
22	72	18	64	12,720	8,472	1.03	12,360	8,232	1.08	12,000	7,992	1.15	11,640	7,752	1.23	11,160	7,433	1.30	10,440	6,953	1.43
22	72	20	68	13,680	7,469	1.05	13,440	7,338	1.11	13,080	7,142	1.18	12,600	6,880	1.25	12,120	6,618	1.34	11,160	6,093	1.47
24	75	16	61	11,880	10,288	1.00	11,520	9,976	1.05	11,160	9,665	1.11	10,680	9,249	1.19	10,200	8,833	1.28	9,600	8,314	1.40
24	75	18	64	12,720	9,489	1.03	12,360	9,221	1.08	12,000	8,952	1.15	11,640	8,683	1.23	11,160	8,325	1.30	10,440	7,788	1.43
24	75	20	68	13,680	8,564	1.05	13,440	8,413	1.11	13,080	8,188	1.18	12,600	7,888	1.25	12,120	7,587	1.34	11,160	6,986	1.47
24	75	22	72	14,520	7,347	1.08	14,280	7,226	1.13	13,920	7,044	1.20	13,560	6,861	1.28	13,080	6,618	1.38	12,120	6,133	1.52
26	79	16	61	11,880	11,238	1.00	11,520	10,898	1.05	11,160	10,557	1.11	10,680	10,103	1.19	10,200	9,649	1.28	9,600	9,082	1.40
26	79	18	64	12,720	10,507	1.03	12,360	10,209	1.08	12,000	9,912	1.15	11,640	9,615	1.23	11,160	9,218	1.30	10,440	8,623	1.43
26	79	20	68	13,680	9,658	1.05	13,440	9,489	1.11	13,080	9,234	1.18	12,600	8,896	1.25	12,120	8,557	1.34	11,160	7,879	1.47
26	79	22	72	14,520	8,509	1.08	14,280	8,368	1.13	13,920	8,157	1.20	13,560	7,946	1.28	13,080	7,665	1.38	12,120	7,102	1.52
27	81	16	61	11,880	11,714	1.00	11,520	11,359	1.05	11,160	11,004	1.11	10,680	10,530	1.19	10,200	10,057	1.28	9,600	9,466	1.40
27	81	18	64	12,720	11,016	1.03	12,360	10,704	1.08	12,000	10,392	1.15	11,640	10,080	1.23	11,160	9,665	1.30	10,440	9,041	1.43
27	81	20	68	13,680	10,205	1.05	13,440	10,026	1.11	13,080	9,758	1.18	12,600	9,400	1.25	12,120	9,042	1.34	11,160	8,325	1.47
27	81	22	72	14,520	9,090	1.08	14,280	8,939	1.13	13,920	8,714	1.20	13,560	8,489	1.28	13,080	8,188	1.38	12,120	7,587	1.52
28	82	16	61	11,880	11,880	1.00	11,520	11,520	1.05	11,160	11,160	1.11	10,680	10,680	1.19	10,200	10,200	1.28	9,600	9,600	1.40
28	82	18	64	12,720	11,524	1.03	12,360	11,198	1.08	12,000	10,872	1.15	11,640	10,546	1.23	11,160	10,111	1.30	10,440	9,459	1.43
28	82	20	68	13,680	10,752	1.05	13,440	10,564	1.11	13,080	10,281	1.18	12,600	9,904	1.25	12,120	9,526	1.34	11,160	8,772	1.47
28	82	22	72	14,520	9,670	1.08	14,280	9,510	1.13	13,920	9,271	1.20	13,560	9,031	1.28	13,080	8,711	1.38	12,120	8,072	1.52
30	86	16	61	11,880	11,880	1.00	11,520	11,520	1.05	11,160	11,160	1.11	10,680	10,680	1.19	10,200	10,200	1.28	9,600	9,600	1.40
30	86	18	64	12,720	12,542	1.03	12,360	12,187	1.08	12,000	11,832	1.15	11,640	11,477	1.23	11,160	11,004	1.30	10,440	10,294	1.43
30	86	20	68	13,680	11,847	1.05	13,440	11,639	1.11	13,080	11,327	1.18	12,600	10,912	1.25	12,120	10,496	1.34	11,160	9,665	1.47
30	86	22	72	14,520	10,832	1.08	14,280	10,653	1.13	13,920	10,384	1.20	13,560	10,116	1.28	13,080	9,758	1.38	12,120	9,042	1.52
32	90	16	61	11,880	11,880	1.00	11,520	11,520	1.05	11,160	11,160	1.11	10,680	10,680	1.19	10,200	10,200	1.28	9,600	9,600	1.40
32	90	18	64	12,720	12,720	1.03	12,360	12,360	1.08	12,000	12,000	1.15	11,640	11,640	1.23	11,160	11,160	1.30	10,440	10,440	1.43
32	90	20	68	13,680	12,941	1.05	13,440	12,714	1.11	13,080	12,374	1.18	12,600	11,920	1.25	12,120	11,466	1.34	11,160	10,557	1.47
32	90	22	72	14,520	11,994	1.08	14,280	11,795	1.13	13,920	11,498	1.20	13,560	11,201	1.28	13,080	10,804	1.38	12,120	10,011	1.52
34	93	16	61	11,880	11,880	1.00	11,520	11,520	1.05	11,160	11,160	1.11	10,680	10,680	1.19	10,200	10,200	1.28	9,600	9,600	1.40
34	93	18	64	12,720	12,720	1.03	12,360	12,360	1.08	12,000	12,000	1.15	11,640	11,640	1.23	11,160	11,160	1.30	10,440	10,440	1.43
34	93	20	68	13,680	13,680	1.05	13,440	13,440	1.11	13,080	13,080	1.18	12,600	12,600	1.25	12,120	12,120	1.34	11,160	11,160	1.47
34	93	22	72	14,520	13,155	1.08	14,280	12,938	1.13	13,920	12,612	1.20	13,560	12,285	1.28	13,080	11,850	1.38	12,120	10,981	1.52

PEA-A18AA6/PUY-A18NHA6

CAPACITY(BTU/H) : 18,000 INPUT(kW) : 2.15 SHF : 0.80

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	17,820	13,294	1.57	17,280	12,891	1.65	16,740	12,488	1.74	16,020	11,951	1.86	15,300	11,414	2.00	14,400	10,742	2.19
20	68	18	64	19,080	11,944	1.62	18,540	11,606	1.69	18,000	11,268	1.80	17,460	10,930	1.92	16,740	10,479	2.03	15,660	9,803	2.23
22	72	16	61	17,820	14,719	1.57	17,280	14,273	1.65	16,740	13,827	1.74	16,020	13,233	1.86	15,300	12,638	2.00	14,400	11,894	2.19
22	72	18	64	19,080	13,470	1.62	18,540	13,089	1.69	18,000	12,708	1.80	17,460	12,327	1.92	16,740	11,818	2.03	15,660	11,056	2.23
22	72	20	68	20,520	12,025	1.65	20,160	11,814	1.74	19,620	11,497	1.85	18,900	11,075	1.96	18,180	10,653	2.09	16,740	9,810	2.29
24	75	16	61	17,820	16,145	1.57	17,280	15,656	1.65	16,740	15,166	1.74	16,020	14,514	1.86	15,300	13,862	2.00	14,400	13,046	2.19
24	75	18	64	19,080	14,997	1.62	18,540	14,572	1.69	18,000	14,148	1.80	17,460	13,724	1.92	16,740	13,158	2.03	15,660	12,309	2.23
24	75	20	68	20,520	13,666	1.65	20,160	13,427	1.74	19,620	13,067	1.85	18,900	12,587	1.96	18,180	12,108	2.09	16,740	11,149	2.29
24	75	22	72	21,780	11,892	1.69	21,420	11,695	1.77	20,880	11,400	1.88	20,340	11,106	2.00	19,620	10,713	2.16	18,180	9,926	2.37
26	79	16	61	17,820	17,571	1.57	17,280	17,038	1.65	16,740	16,506	1.74	16,020	15,796	1.86	15,300	15,086	2.00	14,400	14,198	2.19
26	79	18	64	19,080	16,523	1.62	18,540	16,056	1.69	18,000	15,588	1.80	17,460	15,120	1.92	16,740	14,497	2.03	15,660	13,562	2.23
26	79	20	68	20,520	15,308	1.65	20,160	15,039	1.74	19,620	14,637	1.85	18,900	14,099	1.96	18,180	13,562	2.09	16,740	12,488	2.29
26	79	22	72	21,780	13,634	1.69	21,420	13,409	1.77	20,880	13,071	1.88	20,340	12,733	2.00	19,620	12,282	2.16	18,180	11,381	2.37
27	81	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
27	81	18	64	19,080	17,286	1.62	18,540	16,797	1.69	18,000	16,308	1.80	17,460	15,819	1.92	16,740	15,166	2.03	15,660	14,188	2.23
27	81	20	68	20,520	16,129	1.65	20,160	15,846	1.74	19,620	15,421	1.85	18,900	14,855	1.96	18,180	14,289	2.09	16,740	13,158	2.29
27	81	22	72	21,780	14,505	1.69	21,420	14,266	1.77	20,880	13,906	1.88	20,340	13,546	2.00	19,620	13,067	2.16	18,180	12,108	2.37
28	82	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
28	82	18	64	19,080	18,050	1.62	18,540	17,539	1.69	18,000	17,028	1.80	17,460	16,517	1.92	16,740	15,836	2.03	15,660	14,814	2.23
28	82	20	68	20,520	16,950	1.65	20,160	16,652	1.74	19,620	16,206	1.85	18,900	15,611	1.96	18,180	15,017	2.09	16,740	13,827	2.29
28	82	22	72	21,780	15,377	1.69	21,420	15,123	1.77	20,880	14,741	1.88	20,340	14,360	2.00	19,620	13,852	2.16	18,180	12,835	2.37
30	86	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
30	86	18	64	19,080	19,080	1.62	18,540	18,540	1.69	18,000	18,000	1.80	17,460	17,460	1.92	16,740	16,740	2.03	15,660	15,660	2.23
30	86	20	68	20,520	18,591	1.65	20,160	18,265	1.74	19,620	17,776	1.85	18,900	17,123	1.96	18,180	16,471	2.09	16,740	15,166	2.29
30	86	22	72	21,780	17,119	1.69	21,420	16,836	1.77	20,880	16,412	1.88	20,340	15,987	2.00	19,620	15,421	2.16	18,180	14,289	2.37
32	90	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
32	90	18	64	19,080	19,080	1.62	18,540	18,540	1.69	18,000	18,000	1.80	17,460	17,460	1.92	16,740	16,740	2.03	15,660	15,660	2.23
32	90	20	68	20,520	20,233	1.65	20,160	19,878	1.74	19,620	19,345	1.85	18,900	18,635	1.96	18,180	17,925	2.09	16,740	16,506	2.29
32	90	22	72	21,780	18,861	1.69	21,420	18,550	1.77	20,880	18,082	1.88	20,340	17,614	2.00	19,620	16,991	2.16	18,180	15,744	2.37
34	93	16	61	17,820	17,820	1.57	17,280	17,280	1.65	16,740	16,740	1.74	16,020	16,020	1.86	15,300	15,300	2.00	14,400	14,400	2.19
34	93	18	64	19,080	19,080	1.62	18,540	18,540	1.69	18,000	18,000	1.80	17,460	17,460	1.92	16,740	16,740	2.03	15,660	15,660	2.23
34	93	20	68	20,520	20,520	1.65	20,160	20,160	1.74	19,620	19,620	1.85	18,900	18,900	1.96	18,180	18,180	2.09	16,740	16,740	2.29
34	93	22	72	21,780	20,604	1.69	21,420	20,263	1.77	20,880	19,752	1.88	20,340	19,242	2.00	19,620	18,561	2.16	18,180	17,198	2.37

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PEAD-A24AA5/PUY-A24NHA6

CAPACITY (BTU/H): 24,000 INPUT (kW): 2.40 SHF: 0.68

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	23,760	14,636	1.94	23,040	14,193	2.04	22,320	13,749	2.15	21,360	13,158	2.30	20,400	12,566	2.48	19,200	11,827	2.70
20	68	18	64	25,440	12,618	2.00	24,720	12,261	2.10	24,000	11,904	2.23	23,280	11,547	2.38	22,320	11,071	2.51	20,880	10,356	2.76
22	72	16	61	23,760	16,537	1.94	23,040	16,036	2.04	22,320	15,535	2.15	21,360	14,867	2.30	20,400	14,198	2.48	19,200	13,363	2.70
22	72	18	64	25,440	14,653	2.00	24,720	14,239	2.10	24,000	13,824	2.23	23,280	13,409	2.38	22,320	12,856	2.51	20,880	12,027	2.76
22	72	20	68	27,360	12,476	2.04	26,880	12,257	2.15	26,160	11,929	2.29	25,200	11,491	2.42	24,240	11,053	2.59	22,320	10,178	2.84
24	75	16	61	23,760	18,438	1.94	23,040	17,879	2.04	22,320	17,320	2.15	21,360	16,575	2.30	20,400	15,830	2.48	19,200	14,899	2.70
24	75	18	64	25,440	16,689	2.00	24,720	16,216	2.10	24,000	15,744	2.23	23,280	15,272	2.38	22,320	14,642	2.51	20,880	13,697	2.76
24	75	20	68	27,360	14,665	2.04	26,880	14,408	2.15	26,160	14,022	2.29	25,200	13,507	2.42	24,240	12,993	2.59	22,320	11,964	2.84
24	75	22	72	29,040	12,081	2.10	28,560	11,881	2.19	27,840	11,581	2.32	27,120	11,282	2.48	26,160	10,883	2.67	24,240	10,084	2.93
26	79	16	61	23,760	20,339	1.94	23,040	19,722	2.04	22,320	19,106	2.15	21,360	18,284	2.30	20,400	17,462	2.48	19,200	16,435	2.70
26	79	18	64	25,440	18,724	2.00	24,720	18,194	2.10	24,000	17,664	2.23	23,280	17,134	2.38	22,320	16,428	2.51	20,880	15,368	2.76
26	79	20	68	27,360	16,854	2.04	26,880	16,558	2.15	26,160	16,115	2.29	25,200	15,523	2.42	24,240	14,932	2.59	22,320	13,749	2.84
26	79	22	72	29,040	14,404	2.10	28,560	14,166	2.19	27,840	13,809	2.32	27,120	13,452	2.48	26,160	12,975	2.67	24,240	12,023	2.93
27	81	16	61	23,760	21,289	1.94	23,040	20,644	2.04	22,320	19,999	2.15	21,360	19,139	2.30	20,400	18,278	2.48	19,200	17,203	2.70
27	81	18	64	25,440	19,741	2.00	24,720	19,183	2.10	24,000	18,624	2.23	23,280	18,065	2.38	22,320	17,320	2.51	20,880	16,203	2.76
27	81	20	68	27,360	17,948	2.04	26,880	17,633	2.15	26,160	17,161	2.29	25,200	16,531	2.42	24,240	15,901	2.59	22,320	14,642	2.84
27	81	22	72	29,040	15,565	2.10	28,560	15,308	2.19	27,840	14,922	2.32	27,120	14,536	2.48	26,160	14,022	2.67	24,240	12,993	2.93
28	82	16	61	23,760	22,239	1.94	23,040	21,565	2.04	22,320	20,892	2.15	21,360	19,993	2.30	20,400	19,094	2.48	19,200	17,971	2.70
28	82	18	64	25,440	20,759	2.00	24,720	20,172	2.10	24,000	19,584	2.23	23,280	18,996	2.38	22,320	18,213	2.51	20,880	17,038	2.76
28	82	20	68	27,360	19,043	2.04	26,880	18,708	2.15	26,160	18,207	2.29	25,200	17,539	2.42	24,240	16,871	2.59	22,320	15,535	2.84
28	82	22	72	29,040	16,727	2.10	28,560	16,451	2.19	27,840	16,036	2.32	27,120	15,621	2.48	26,160	15,068	2.67	24,240	13,962	2.93
30	86	16	61	23,760	23,760	1.94	23,040	23,040	2.04	22,320	22,320	2.15	21,360	21,360	2.30	20,400	20,400	2.48	19,200	19,200	2.70
30	86	18	64	25,440	22,794	2.00	24,720	22,149	2.10	24,000	21,504	2.23	23,280	20,859	2.38	22,320	19,999	2.51	20,880	18,708	2.76
30	86	20	68	27,360	21,231	2.04	26,880	20,859	2.15	26,160	20,300	2.29	25,200	19,555	2.42	24,240	18,810	2.59	22,320	17,320	2.84
30	86	22	72	29,040	19,050	2.10	28,560	18,735	2.19	27,840	18,263	2.32	27,120	17,791	2.48	26,160	17,161	2.67	24,240	15,901	2.93
32	90	16	61	23,760	23,760	1.94	23,040	23,040	2.04	22,320	22,320	2.15	21,360	21,360	2.30	20,400	20,400	2.48	19,200	19,200	2.70
32	90	18	64	25,440	24,829	2.00	24,720	24,127	2.10	24,000	23,424	2.23	23,280	22,721	2.38	22,320	21,784	2.51	20,880	20,379	2.76
32	90	20	68	27,360	23,420	2.04	26,880	23,009	2.15	26,160	22,393	2.29	25,200	21,571	2.42	24,240	20,749	2.59	22,320	19,106	2.84
32	90	22	72	29,040	21,373	2.10	28,560	21,020	2.19	27,840	20,490	2.32	27,120	19,960	2.48	26,160	19,254	2.67	24,240	17,841	2.93
34	93	16	61	23,760	23,760	1.94	23,040	23,040	2.04	22,320	22,320	2.15	21,360	21,360	2.30	20,400	20,400	2.48	19,200	19,200	2.70
34	93	18	64	25,440	25,440	2.00	24,720	24,720	2.10	24,000	24,000	2.23	23,280	23,280	2.38	22,320	22,320	2.51	20,880	20,880	2.76
34	93	20	68	27,360	25,609	2.04	26,880	25,160	2.15	26,160	24,486	2.29	25,200	23,587	2.42	24,240	22,689	2.59	22,320	20,892	2.84
34	93	22	72	29,040	23,697	2.10	28,560	23,305	2.19	27,840	22,717	2.32	27,120	22,130	2.48	26,160	21,347	2.67	24,240	19,780	2.93

PEAD-A30AA5/PUY-A30NHA6

CAPACITY (BTU/H): 30,000 INPUT (kW): 3.85 SHF: 0.68

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	29,700	18,295	3.12	28,800	17,741	3.27	27,900	17,186	3.45	26,700	16,447	3.70	25,500	15,708	3.97	24,000	14,784	4.34
20	68	18	64	31,800	15,773	3.21	30,900	15,326	3.36	30,000	14,880	3.58	29,100	14,434	3.82	27,900	13,838	4.03	26,100	12,946	4.43
22	72	16	61	29,700	20,671	3.12	28,800	20,045	3.27	27,900	19,418	3.45	26,700	18,583	3.70	25,500	17,748	3.97	24,000	16,704	4.34
22	72	18	64	31,800	18,317	3.21	30,900	17,798	3.36	30,000	17,280	3.58	29,100	16,762	3.82	27,900	16,070	4.03	26,100	15,034	4.43
22	72	20	68	34,200	15,595	3.27	33,600	15,322	3.45	32,700	14,911	3.67	31,500	14,364	3.88	30,300	13,817	4.16	27,900	12,722	4.55
24	75	16	61	29,700	23,047	3.12	28,800	22,349	3.27	27,900	21,650	3.45	26,700	20,719	3.70	25,500	19,788	3.97	24,000	18,624	4.34
24	75	18	64	31,800	20,861	3.21	30,900	20,270	3.36	30,000	19,680	3.58	29,100	19,090	3.82	27,900	18,302	4.03	26,100	17,122	4.43
24	75	20	68	34,200	18,331	3.27	33,600	18,010	3.45	32,700	17,527	3.67	31,500	16,884	3.88	30,300	16,241	4.16	27,900	14,954	4.55
24	75	22	72	36,300	15,101	3.36	35,700	14,851	3.51	34,800	14,477	3.73	33,900	14,102	3.97	32,700	13,603	4.28	30,300	12,605	4.71
26	79	16	61	29,700	25,423	3.12	28,800	24,653	3.27	27,900	23,882	3.45	26,700	22,855	3.70	25,500	21,828	3.97	24,000	20,544	4.34
26	79	18	64	31,800	23,405	3.21	30,900	22,742	3.36	30,000	22,080	3.58	29,100	21,418	3.82	27,900	20,534	4.03	26,100	19,210	4.43
26	79	20	68	34,200	21,067	3.27	33,600	20,698	3.45	32,700	20,143	3.67	31,500	19,404	3.88	30,300	18,665	4.16	27,900	17,186	4.55
26	79	22	72	36,300	18,005	3.36	35,700	17,707	3.51	34,800	17,261	3.73	33,900	16,814	3.97	32,700	16,219	4.28	30,300	15,029	4.71
27	81	16	61	29,700	26,611	3.12	28,800	25,805	3.27	27,900	24,998	3.45	26,700	23,923	3.70	25,500	22,848	3.97	24,000	21,504	4.34
27	81	18	64	31,800	24,677	3.21	30,900	23,978	3.36	30,000	23,280	3.58	29,100	22,582	3.82	27,900	21,650	4.03	26,100	20,254	4.43
27	81	20	68	34,200	22,435	3.27	33,600	22,042	3.45	32,700	21,451	3.67	31,500	20,664	3.88	30,300	19,877	4.16	27,900	18,302	4.55
27	81	22	72	36,300	19,457	3.36	35,700	19,135	3.51	34,800	18,653	3.73	33,900	18,170	3.97	32,700	17,527	4.28	30,300	16,241	4.71
28	82	16	61	29,700	27,799	3.12	28,800	26,957	3.27	27,900	26,114	3.45	26,700	24,991	3.70	25,500	23,868	3.97	24,000	22,464	4.34
28	82	18	64	31,800	25,949	3.21	30,900	25,214	3.36	30,000	24,480	3.58	29,100	23,746	3.82	27,900	22,766	4.03	26,100	21,298	4.43
28	82	20	68	34,200	23,803	3.27	33,600	23,386	3.45	32,700	22,759	3.67	31,500	21,924	3.88	30,300	21,089	4.16	27,900	19,418	4.55
28	82	22	72	36,300	20,909	3.36	35,700	20,563	3.51	34,800	20,045	3.73	33,900	19,526	3.97	32,700	18,835	4.28	30,300	17,453	4.71
30	86	16	61	29,700	29,700	3.12	28,800	28,800	3.27	27,900	27,900	3.45	26,700	26,700	3.70	25,500	25,500	3.97	24,000	24,000	4.34
30	86	18	64	31,800	28,493	3.21	30,900	27,686	3.36	30,000	26,880	3.58	29,100	26,074	3.82	27,900	24,998	4.03	26,100	23,386	4.43
30	86	20	68	34,200	26,539	3.27	33,600	26,074	3.45	32,700	25,375	3.67	31,500	24,444	3.88	30,300	23,513	4.16	27,900	21,650	4.55
30	86	22	72	36,300	23,813	3.36	35,700	23,419	3.51	34,800	22,829	3.73	33,900	22,238	3.97	32,700	21,451	4.28	30,300	19,877	4.71
32	90	16	61	29,700	29,700	3.12	28,800	28,800	3.27	27,900	27,900	3.45	26,700	26,700	3.70	25,500	25,500	3.97	24,000	24,000	4.34
32	90	18	64	31,800	31,037	3.21	30,900	30,158	3.36	30,000	29,280	3.58	29,100	28,402	3.82	27,900	27,230	4.03	26,100	25,474	4.43
32	90	20	68	34,200	29,275	3.27	33,600	28,762	3.45	32,700	27,991	3.67	31,500	26,964	3.88	30,300	25,937	4.16	27,900	23,882	4.55
32	90	22	72	36,300	26,717	3.36	35,700	26,275	3.51	34,800	25,613	3.73	33,900	24,950	3.97	32,700	24,067	4.28	30,300	22,301	4.71
34	93	16	61	29,700	29,700	3.12	28,800	28,800	3.27	27,900	27,900	3.45	26,700	26,700	3.70	25,500	25,500	3.97	24,000	24,000	4.34
34	93	18	64	31,800	31,800	3.21	30,900	30,900	3.36	30,000	30,000	3.58	29,100	29,100	3.82	27,900	27,900	4.03	26,100	26,100	4.43
34	93	20	68	34,200	32,011	3.27	33,600	31,450	3.45	32,700	30,607	3.67	31,500	29,484	3.88	30,300	28,361	4.16	27,900	26,114	4.55
34	93	22	72	36,300	29,621	3.36	35,700	29,131	3.51	34,800	28,397	3.73	33,900	27,662	3.97	32,700	26,683	4.28	30,300	24,725	4.71

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PEAD-A36AA5/PUY-A36NHA6

CAPACITY (BTU/H): 35,000 INPUT (kW): 4.85 SHF: 0.75

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	34,650	23,770	3.93	33,600	23,050	4.12	32,550	22,329	4.35	31,150	21,369	4.66	29,750	20,409	5.00	28,000	19,208	5.47
20	68	18	64	37,100	20,999	4.04	36,050	20,404	4.23	35,000	19,810	4.50	33,950	19,216	4.81	32,550	18,423	5.08	30,450	17,235	5.58
22	72	16	61	34,650	26,542	3.93	33,600	25,738	4.12	32,550	24,933	4.35	31,150	23,861	4.66	29,750	22,789	5.00	28,000	21,448	5.47
22	72	18	64	37,100	23,967	4.04	36,050	23,288	4.23	35,000	22,610	4.50	33,950	21,932	4.81	32,550	21,027	5.08	30,450	19,671	5.58
22	72	20	68	39,900	20,987	4.12	39,200	20,619	4.35	38,150	20,067	4.62	36,750	19,331	4.89	35,350	18,594	5.23	32,550	17,121	5.74
24	75	16	61	34,650	29,314	3.93	33,600	28,426	4.12	32,550	27,537	4.35	31,150	26,353	4.66	29,750	25,169	5.00	28,000	23,688	5.47
24	75	18	64	37,100	26,935	4.04	36,050	26,172	4.23	35,000	25,410	4.50	33,950	24,648	4.81	32,550	23,631	5.08	30,450	22,107	5.58
24	75	20	68	39,900	24,179	4.12	39,200	23,755	4.35	38,150	23,119	4.62	36,750	22,271	4.89	35,350	21,422	5.23	32,550	19,725	5.74
24	75	22	72	42,350	20,582	4.23	41,650	20,242	4.43	40,600	19,732	4.70	39,550	19,221	5.00	38,150	18,541	5.39	35,350	17,180	5.93
26	79	16	61	34,650	32,086	3.93	33,600	31,114	4.12	32,550	30,141	4.35	31,150	28,845	4.66	29,750	27,549	5.00	28,000	25,928	5.47
26	79	18	64	37,100	29,903	4.04	36,050	29,056	4.23	35,000	28,210	4.50	33,950	27,364	4.81	32,550	26,235	5.08	30,450	24,543	5.58
26	79	20	68	39,900	27,371	4.12	39,200	26,891	4.35	38,150	26,171	4.62	36,750	25,211	4.89	35,350	24,250	5.23	32,550	22,329	5.74
26	79	22	72	42,350	23,970	4.23	41,650	23,574	4.43	40,600	22,980	4.70	39,550	22,385	5.00	38,150	21,593	5.39	35,350	20,008	5.93
27	81	16	61	34,650	33,472	3.93	33,600	32,458	4.12	32,550	31,443	4.35	31,150	30,091	4.66	29,750	28,739	5.00	28,000	27,048	5.47
27	81	18	64	37,100	31,387	4.04	36,050	30,498	4.23	35,000	29,610	4.50	33,950	28,722	4.81	32,550	27,537	5.08	30,450	25,761	5.58
27	81	20	68	39,900	28,967	4.12	39,200	28,459	4.35	38,150	27,697	4.62	36,750	26,681	4.89	35,350	25,664	5.23	32,550	23,631	5.74
27	81	22	72	42,350	25,664	4.23	41,650	25,240	4.43	40,600	24,604	4.70	39,550	23,967	5.00	38,150	23,119	5.39	35,350	21,422	5.93
28	82	16	61	34,650	34,650	3.93	33,600	33,600	4.12	32,550	32,550	4.35	31,150	31,150	4.66	29,750	29,750	5.00	28,000	28,000	5.47
28	82	18	64	37,100	32,871	4.04	36,050	31,940	4.23	35,000	31,010	4.50	33,950	30,080	4.81	32,550	28,839	5.08	30,450	26,979	5.58
28	82	20	68	39,900	30,563	4.12	39,200	30,027	4.35	38,150	29,223	4.62	36,750	28,151	4.89	35,350	27,078	5.23	32,550	24,933	5.74
28	82	22	72	42,350	27,358	4.23	41,650	26,906	4.43	40,600	26,228	4.70	39,550	25,549	5.00	38,150	24,645	5.39	35,350	22,836	5.93
30	86	16	61	34,650	34,650	3.93	33,600	33,600	4.12	32,550	32,550	4.35	31,150	31,150	4.66	29,750	29,750	5.00	28,000	28,000	5.47
30	86	18	64	37,100	35,839	4.04	36,050	34,824	4.23	35,000	33,810	4.50	33,950	32,796	4.81	32,550	31,443	5.08	30,450	29,415	5.58
30	86	20	68	39,900	33,755	4.12	39,200	33,163	4.35	38,150	32,275	4.62	36,750	31,091	4.89	35,350	29,906	5.23	32,550	27,537	5.74
30	86	22	72	42,350	30,746	4.23	41,650	30,238	4.43	40,600	29,476	4.70	39,550	28,713	5.00	38,150	27,697	5.39	35,350	25,664	5.93
32	90	16	61	34,650	34,650	3.93	33,600	33,600	4.12	32,550	32,550	4.35	31,150	31,150	4.66	29,750	29,750	5.00	28,000	28,000	5.47
32	90	18	64	37,100	37,100	4.04	36,050	36,050	4.23	35,000	35,000	4.50	33,950	33,950	4.81	32,550	32,550	5.08	30,450	30,450	5.58
32	90	20	68	39,900	36,947	4.12	39,200	36,299	4.35	38,150	35,327	4.62	36,750	34,031	4.89	35,350	32,734	5.23	32,550	30,141	5.74
32	90	22	72	42,350	34,134	4.23	41,650	33,570	4.43	40,600	32,724	4.70	39,550	31,877	5.00	38,150	30,749	5.39	35,350	28,492	5.93
34	93	16	61	34,650	34,650	3.93	33,600	33,600	4.12	32,550	32,550	4.35	31,150	31,150	4.66	29,750	29,750	5.00	28,000	28,000	5.47
34	93	18	64	37,100	37,100	4.04	36,050	36,050	4.23	35,000	35,000	4.50	33,950	33,950	4.81	32,550	32,550	5.08	30,450	30,450	5.58
34	93	20	68	39,900	39,900	4.12	39,200	39,200	4.35	38,150	38,150	4.62	36,750	36,750	4.89	35,350	35,350	5.23	32,550	32,550	5.74
34	93	22	72	42,350	37,522	4.23	41,650	36,902	4.43	40,600	35,972	4.70	39,550	35,041	5.00	38,150	33,801	5.39	35,350	31,320	5.93

PEAD-A42AA5/PUY-A42NHA6

CAPACITY (BTU/H): 42,000 INPUT (kW): 5.35 SHF: 0.76

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	28,940	4.33	40,320	28,063	4.54	39,060	27,186	4.80	37,380	26,016	5.14	35,700	24,847	5.52	33,600	23,386	6.03
20	68	18	64	44,520	25,644	4.46	43,260	24,918	4.67	42,000	24,192	4.97	40,740	23,466	5.31	39,060	22,499	5.60	36,540	21,047	6.16
22	72	16	61	41,580	32,266	4.33	40,320	31,288	4.54	39,060	30,311	4.80	37,380	29,007	5.14	35,700	27,703	5.52	33,600	26,074	6.03
22	72	18	64	44,520	29,205	4.46	43,260	28,379	4.67	42,000	27,552	4.97	40,740	26,725	5.31	39,060	25,623	5.60	36,540	23,970	6.16
22	72	20	68	47,880	25,664	4.54	47,040	25,213	4.80	45,780	24,538	5.10	44,100	23,638	5.39	42,420	22,737	5.77	39,060	20,936	6.33
24	75	16	61	41,580	35,592	4.33	40,320	34,514	4.54	39,060	33,435	4.80	37,380	31,997	5.14	35,700	30,559	5.52	33,600	28,762	6.03
24	75	18	64	44,520	32,767	4.46	43,260	31,839	4.67	42,000	30,912	4.97	40,740	29,985	5.31	39,060	28,748	5.60	36,540	26,893	6.16
24	75	20	68	47,880	29,494	4.54	47,040	28,977	4.80	45,780	28,200	5.10	44,100	27,166	5.39	42,420	26,131	5.77	39,060	24,061	6.33
24	75	22	72	50,820	25,207	4.67	49,980	24,790	4.88	48,720	24,165	5.18	47,460	23,540	5.52	45,780	22,707	5.94	42,420	21,040	6.54
26	79	16	61	41,580	38,919	4.33	40,320	37,740	4.54	39,060	36,560	4.80	37,380	34,988	5.14	35,700	33,415	5.52	33,600	31,450	6.03
26	79	18	64	44,520	36,328	4.46	43,260	35,300	4.67	42,000	34,272	4.97	40,740	33,244	5.31	39,060	31,873	5.60	36,540	29,817	6.16
26	79	20	68	47,880	33,324	4.54	47,040	32,740	4.80	45,780	31,863	5.10	44,100	30,694	5.39	42,420	29,524	5.77	39,060	27,186	6.33
26	79	22	72	50,820	29,272	4.67	49,980	28,788	4.88	48,720	28,063	5.18	47,460	27,337	5.52	45,780	26,369	5.94	42,420	24,434	6.54
27	81	16	61	41,580	40,582	4.33	40,320	39,352	4.54	39,060	38,123	4.80	37,380	36,483	5.14	35,700	34,843	5.52	33,600	32,794	6.03
27	81	18	64	44,520	38,109	4.46	43,260	37,031	4.67	42,000	35,952	4.97	40,740	34,873	5.31	39,060	33,435	5.60	36,540	31,278	6.16
27	81	20	68	47,880	35,240	4.54	47,040	34,621	4.80	45,780	33,694	5.10	44,100	32,458	5.39	42,420	31,221	5.77	39,060	28,748	6.33
27	81	22	72	50,820	31,305	4.67	49,980	30,788	4.88	48,720	30,012	5.18	47,460	29,235	5.52	45,780	28,200	5.94	42,420	26,131	6.54
28	82	16	61	41,580	41,580	4.33	40,320	40,320	4.54	39,060	39,060	4.80	37,380	37,380	5.14	35,700	35,700	5.52	33,600	33,600	6.03
28	82	18	64	44,520	39,890	4.46	43,260	38,761	4.67	42,000	37,632	4.97	40,740	36,503	5.31	39,060	34,998	5.60	36,540	32,740	6.16
28	82	20	68	47,880	37,155	4.54	47,040	36,503	4.80	45,780	35,525	5.10	44,100	34,222	5.39	42,420	32,918	5.77	39,060	30,311	6.33
28	82	22	72	50,820	33,338	4.67	49,980	32,787	4.88	48,720	31,960	5.18	47,460	31,134	5.52	45,780	30,032	5.94	42,420	27,828	6.54
30	86	16	61	41,580	41,580	4.33	40,320	40,320	4.54	39,060	39,060	4.80	37,380	37,380	5.14	35,700	35,700	5.52	33,600	33,600	6.03
30	86	18	64	44,520	43,452	4.46	43,260	42,222	4.67	42,000	40,992	4.97	40,740	39,762	5.31	39,060	38,123	5.60	36,540	35,663	6.16
30	86	20	68	47,880	40,985	4.54	47,040	40,266	4.80	45,780	39,188	5.10	44,100	37,750	5.39	42,420	36,312	5.77	39,060	33,435	6.33
30	86	22	72	50,820	37,404	4.67	49,980	36,785	4.88	48,720	35,858	5.18	47,460	34,931	5.52	45,780	33,694	5.94	42,420	31,221	6.54
32	90	16	61	41,580	41,580	4.33	40,320	40,320	4.54	39,060	39,060	4.80	37,380	37,380	5.14	35,700	35,700	5.52	33,600	33,600	6.03
32	90	18	64	44,520	44,520	4.46	43,260	43,260	4.67	42,000	42,000	4.97	40,740	40,740	5.31	39,060	39,060	5.60	36,540	36,540	6.16
32	90	20	68	47,880	44,816	4.54	47,040	44,029	4.80	45,780	42,850	5.10	44,100	41,278	5.39	42,420	39,705	5.77	39,060	36,560	6.33
32	90	22	72	50,820	41,469	4.67	49,980	40,784	4.88	48,720	39,756	5.18	47,460	38,727	5.52	45,780	37,356	5.94	42,420	34,615	6.54
34	93	16	61	41,580	41,580	4.33	40,320	40,320	4.54	39,060	39,060	4.80	37,380	37,380	5.14	35,700	35,700	5.52	33,600	33,600	6.03
34	93	18	64	44,520	44,520	4.46	43,260	43,260	4.67	42,000	42,000	4.97	40,740	40,740	5.31	39,060	39,060	5.60	36,540	36,540	6.16
34	93	20	68	47,880	47,880	4.54	47,040	47,040	4.80	45,780	45,780	5.10	44,100	44,100	5.39	42,420	42,420	5.77	39,060	39,060	6.33
34	93	22	72	50,820	45,535	4.67	49,980	44,782	4.88	48,720	43,653	5.18	47,460	42,524	5.52	45,780	41,019	5.94	42,420	38,008	6.54

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

8-1-2. HEATING CAPACITY
PUZ-A·NHA6

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-A18BA6	19,000	1.9	15	59	12,350	1.13	13,300	1.25	14,630	1.47	19,190	1.72	21,660	1.94	23,940	2.08
			20	68	11,970	1.23	12,730	1.35	13,870	1.56	18,430	1.86	20,900	2.05	23,180	2.23
			25	77	11,400	1.31	12,160	1.47	13,300	1.71	17,480	1.97	20,140	2.23	22,420	2.38
PLA-A24BA6	26,000	2.57	15	59	16,900	1.52	18,200	1.70	20,020	1.98	26,260	2.33	29,640	2.62	32,760	2.81
			20	68	16,380	1.67	17,420	1.82	18,980	2.11	25,220	2.52	28,600	2.78	31,720	3.01
			25	77	15,600	1.78	16,640	1.98	18,200	2.32	23,920	2.67	27,560	3.01	30,680	3.22
PLA-A30BA6	32,000	3.37	15	59	20,800	2.00	22,400	2.23	24,640	2.60	32,320	3.06	36,480	3.43	40,320	3.68
			20	68	20,160	2.18	21,440	2.39	23,360	2.77	31,040	3.31	35,200	3.64	39,040	3.95
			25	77	19,200	2.33	20,480	2.60	22,400	3.04	29,440	3.49	33,920	3.95	37,760	4.22
PLA-A36BA6	37,000	3.3	15	59	24,050	1.96	25,900	2.18	28,490	2.55	37,370	2.99	42,180	3.36	46,620	3.61
			20	68	23,310	2.14	24,790	2.34	27,010	2.71	35,890	3.24	40,700	3.56	45,140	3.87
			25	77	22,200	2.28	23,680	2.55	25,900	2.97	34,040	3.42	39,220	3.87	43,660	4.14
PLA-A42BA6	45,000	4.45	15	59	29,250	2.64	31,500	2.94	34,650	3.43	45,450	4.04	51,300	4.53	56,700	4.86
			20	68	28,350	2.88	30,150	3.16	32,850	3.65	43,650	4.37	49,500	4.81	54,900	5.22
			25	77	27,000	3.08	28,800	3.43	31,500	4.01	41,400	4.61	47,700	5.22	53,100	5.58

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-A18HA6	19,000	1.97	15	59	12,350	1.17	13,300	1.30	14,630	1.52	19,190	1.79	21,660	2.01	23,940	2.15
			20	68	11,970	1.28	12,730	1.40	13,870	1.62	18,430	1.93	20,900	2.13	23,180	2.31
			25	77	11,400	1.36	12,160	1.52	13,300	1.78	17,480	2.04	20,140	2.31	22,420	2.47
PKA-A24KA6	26,000	2.33	15	59	16,900	1.38	18,200	1.54	20,020	1.80	26,260	2.11	29,640	2.37	32,760	2.55
			20	68	16,380	1.51	17,420	1.65	18,980	1.91	25,220	2.29	28,600	2.52	31,720	2.73
			25	77	15,600	1.61	16,640	1.80	18,200	2.10	23,920	2.42	27,560	2.73	30,680	2.92
PKA-A30KA6	32,000	3.15	15	59	20,800	1.87	22,400	2.08	24,640	2.43	32,320	2.86	36,480	3.21	40,320	3.44
			20	68	20,160	2.04	21,440	2.24	23,360	2.59	31,040	3.09	35,200	3.40	39,040	3.69
			25	77	19,200	2.18	20,480	2.43	22,400	2.84	29,440	3.27	33,920	3.69	37,760	3.95
PKA-A36KA6	37,000	3.61	15	59	24,050	2.14	25,900	2.38	28,490	2.79	37,370	3.28	42,180	3.68	46,620	3.94
			20	68	23,310	2.34	24,790	2.56	27,010	2.96	35,890	3.54	40,700	3.90	45,140	4.23
			25	77	22,200	2.50	23,680	2.79	25,900	3.25	34,040	3.74	39,220	4.23	43,660	4.52

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-A24KA6	26,000	2.31	15	59	16,900	1.37	18,200	1.53	20,020	1.78	26,260	2.10	29,640	2.35	32,760	2.52
			20	68	16,380	1.50	17,420	1.64	18,980	1.90	25,220	2.27	28,600	2.50	31,720	2.71
			25	77	15,600	1.60	16,640	1.78	18,200	2.08	23,920	2.40	27,560	2.71	30,680	2.89
PCA-A30KA6	32,000	3.21	15	59	20,800	1.90	22,400	2.12	24,640	2.48	32,320	2.91	36,480	3.27	40,320	3.51
			20	68	20,160	2.08	21,440	2.28	23,360	2.64	31,040	3.15	35,200	3.47	39,040	3.76
			25	77	19,200	2.22	20,480	2.48	22,400	2.89	29,440	3.33	33,920	3.76	37,760	4.02
PCA-A36KA6	37,000	3.19	15	59	24,050	1.89	25,900	2.11	28,490	2.46	37,370	2.89	42,180	3.25	46,620	3.49
			20	68	23,310	2.07	24,790	2.26	27,010	2.62	35,890	3.13	40,700	3.45	45,140	3.74
			25	77	22,200	2.21	23,680	2.46	25,900	2.87	34,040	3.31	39,220	3.74	43,660	4.00
PCA-A42KA6	45,000	3.83	15	59	29,250	2.27	31,500	2.53	34,650	2.96	45,450	3.48	51,300	3.90	56,700	4.18
			20	68	28,350	2.48	30,150	2.72	32,850	3.14	43,650	3.76	49,500	4.14	54,900	4.49
			25	77	27,000	2.65	28,800	2.96	31,500	3.45	41,400	3.97	47,700	4.49	53,100	4.80

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEA-A18AA6	19,000	1.54	15	59	12,350	0.91	13,300	1.02	14,630	1.19	19,190	1.40	21,660	1.57	23,940	1.68
			20	68	11,970	1.00	12,730	1.09	13,870	1.26	18,430	1.51	20,900	1.66	23,180	1.81
			25	77	11,400	1.06	12,160	1.19	13,300	1.39	17,480	1.60	20,140	1.81	22,420	1.93

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-A24AA5	26,000	2.25	15	59	16,900	1.33	18,200	1.49	20,020	1.74	26,260	2.04	29,640	2.29	32,760	2.46
			20	68	16,380	1.46	17,420	1.60	18,980	1.85	25,220	2.21	28,600	2.43	31,720	2.64
			25	77	15,600	1.56	16,640	1.74	18,200	2.03	23,920	2.33	27,560	2.64	30,680	2.82
PEAD-A30AA5	32,000	2.99	15	59	20,800	1.77	22,400	1.97	24,640	2.31	32,320	2.71	36,480	3.05	40,320	3.27
			20	68	20,160	1.94	21,440	2.12	23,360	2.45	31,040	2.93	35,200	3.23	39,040	3.51
			25	77	19,200	2.07	20,480	2.31	22,400	2.69	29,440	3.10	33,920	3.51	37,760	3.75
PEAD-A36AA5	37,000	3.29	15	59	24,050	1.95	25,900	2.17	28,490	2.54	37,370	2.99	42,180	3.35	46,620	3.59
			20	68	23,310	2.13	24,790	2.34	27,010	2.70	35,890	3.23	40,700	3.55	45,140	3.86
			25	77	22,200	2.27	23,680	2.54	25,900	2.97	34,040	3.41	39,220	3.86	43,660	4.12
PEAD-A42AA5	45,000	3.82	15	59	29,250	2.26	31,500	2.52	34,650	2.95	45,450	3.47	51,300	3.89	56,700	4.17
			20	68	28,350	2.48	30,150	2.71	32,850	3.14	43,650	3.75	49,500	4.13	54,900	4.48
			25	77	27,000	2.64	28,800	2.95	31,500	3.44	41,400	3.96	47,700	4.48	53,100	4.79

Note: CA : Capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

8-2. HYPER HEATING INVERTER

8-2-1. COOLING CAPACITY

PLA-A30BA6/PUZ-HA30NHA5

CAPACITY (BTU/H): 28,500 INPUT (kW): 2.28 SHF: 0.73

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	28,215	18,791	1.85	27,360	18,222	1.94	26,505	17,652	2.05	25,365	16,893	2.19	24,225	16,134	2.35	22,800	15,185	2.58
20	68	18	64	30,210	16,495	1.89	29,355	16,028	1.98	28,500	15,561	2.12	27,645	15,094	2.26	26,505	14,472	2.39	24,795	13,538	2.62
22	72	16	61	28,215	21,048	1.85	27,360	20,411	1.94	26,505	19,773	2.05	25,365	18,922	2.19	24,225	18,072	2.35	22,800	17,009	2.58
22	72	18	64	30,210	18,911	1.89	29,355	18,376	1.98	28,500	17,841	2.12	27,645	17,306	2.26	26,505	16,592	2.39	24,795	15,522	2.62
22	72	20	68	32,490	16,440	1.94	31,920	16,152	2.05	31,065	15,719	2.17	29,925	15,142	2.30	29,925	15,142	2.46	26,505	13,412	2.69
24	75	16	61	28,215	23,306	1.85	27,360	22,599	1.94	26,505	21,893	2.05	25,365	20,951	2.19	24,225	20,010	2.35	22,800	18,833	2.58
24	75	18	64	30,210	21,328	1.89	29,355	20,725	1.98	28,500	20,121	2.12	27,645	19,517	2.26	26,505	18,713	2.39	24,795	17,505	2.62
24	75	20	68	32,490	19,039	1.94	31,920	18,705	2.05	31,065	18,204	2.17	29,925	17,536	2.30	29,925	17,536	2.46	26,505	15,532	2.69
24	75	22	72	34,485	16,070	1.98	33,915	15,804	2.07	33,060	15,406	2.21	32,205	15,008	2.35	31,065	14,476	2.53	28,785	13,414	2.78
26	79	16	61	28,215	25,563	1.85	27,360	24,788	1.94	26,505	24,014	2.05	25,365	22,981	2.19	24,225	21,948	2.35	22,800	20,657	2.58
26	79	18	64	30,210	23,745	1.89	29,355	23,073	1.98	28,500	22,401	2.12	27,645	21,729	2.26	26,505	20,833	2.39	24,795	19,489	2.62
26	79	20	68	32,490	21,638	1.94	31,920	21,259	2.05	31,065	20,689	2.17	29,925	19,930	2.30	29,925	19,930	2.46	26,505	17,652	2.69
26	79	22	72	34,485	18,829	1.98	33,915	18,518	2.07	33,060	18,051	2.21	32,205	17,584	2.35	31,065	16,961	2.53	28,785	15,717	2.78
27	81	16	61	28,215	26,691	1.85	27,360	25,883	1.94	26,505	25,074	2.05	25,365	23,995	2.19	24,225	22,917	2.35	22,800	21,569	2.58
27	81	18	64	30,210	24,953	1.89	29,355	24,247	1.98	28,500	23,541	2.12	27,645	22,835	2.26	26,505	21,893	2.39	24,795	20,481	2.62
27	81	20	68	32,490	22,938	1.94	31,920	22,536	2.05	31,065	21,932	2.17	29,925	21,127	2.30	29,925	21,127	2.46	26,505	18,713	2.69
27	81	22	72	34,485	20,208	1.98	33,915	19,874	2.07	33,060	19,373	2.21	32,205	18,872	2.35	31,065	18,204	2.53	28,785	16,868	2.78
28	82	16	61	28,215	27,820	1.85	27,360	26,977	1.94	26,505	26,134	2.05	25,365	25,010	2.19	24,225	23,886	2.35	22,800	22,481	2.58
28	82	18	64	30,210	26,162	1.89	29,355	25,421	1.98	28,500	24,681	2.12	27,645	23,941	2.26	26,505	22,953	2.39	24,795	21,472	2.62
28	82	20	68	32,490	24,238	1.94	31,920	23,812	2.05	31,065	23,174	2.17	29,925	22,324	2.30	29,925	22,324	2.46	26,505	19,773	2.69
28	82	22	72	34,485	21,588	1.98	33,915	21,231	2.07	33,060	20,696	2.21	32,205	20,160	2.35	31,065	19,447	2.53	28,785	18,019	2.78
30	86	16	61	28,215	28,215	1.85	27,360	27,360	1.94	26,505	26,505	2.05	25,365	25,365	2.19	24,225	24,225	2.35	22,800	22,800	2.58
30	86	18	64	30,210	28,579	1.89	29,355	27,770	1.98	28,500	26,961	2.12	27,645	26,152	2.26	26,505	25,074	2.39	24,795	23,456	2.62
30	86	20	68	32,490	26,837	1.94	31,920	26,366	2.05	31,065	25,660	2.17	29,925	24,718	2.30	29,925	24,718	2.46	26,505	21,893	2.69
30	86	22	72	34,485	24,346	1.98	33,915	23,944	2.07	33,060	23,340	2.21	32,205	22,737	2.35	31,065	21,932	2.53	28,785	20,322	2.78
32	90	16	61	28,215	28,215	1.85	27,360	27,360	1.94	26,505	26,505	2.05	25,365	25,365	2.19	24,225	24,225	2.35	22,800	22,800	2.58
32	90	18	64	30,210	30,210	1.89	29,355	29,355	1.98	28,500	28,500	2.12	27,645	27,645	2.26	26,505	26,505	2.39	24,795	24,795	2.62
32	90	20	68	32,490	29,436	1.94	31,920	28,920	2.05	31,065	28,145	2.17	29,925	27,112	2.30	29,925	27,112	2.46	26,505	24,014	2.69
32	90	22	72	34,485	27,105	1.98	33,915	26,657	2.07	33,060	25,985	2.21	32,205	25,313	2.35	31,065	24,417	2.53	28,785	22,625	2.78
34	93	16	61	28,215	28,215	1.85	27,360	27,360	1.94	26,505	26,505	2.05	25,365	25,365	2.19	24,225	24,225	2.35	22,800	22,800	2.58
34	93	18	64	30,210	30,210	1.89	29,355	29,355	1.98	28,500	28,500	2.12	27,645	27,645	2.26	26,505	26,505	2.39	24,795	24,795	2.62
34	93	20	68	32,490	32,035	1.94	31,920	31,473	2.05	31,065	30,630	2.17	29,925	29,506	2.30	29,925	29,506	2.46	26,505	26,134	2.69
34	93	22	72	34,485	29,864	1.98	33,915	29,370	2.07	33,060	28,630	2.21	32,205	27,890	2.35	31,065	26,902	2.53	28,785	24,928	2.78

PLA-A36BA6/PUZ-HA36NHA5

CAPACITY (BTU/H): 34,000 INPUT (kW): 2.69 SHF: 0.71

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	33,660	21,744	2.18	32,640	21,085	2.28	31,620	20,427	2.41	30,260	19,548	2.58	28,900	18,669	2.78	27,200	17,571	3.03
20	68	18	64	36,040	18,957	2.24	35,020	18,421	2.35	34,000	17,884	2.50	32,980	17,347	2.67	31,620	16,632	2.82	29,580	15,559	3.10
22	72	16	61	33,660	24,437	2.18	32,640	23,697	2.28	31,620	22,956	2.41	30,260	21,969	2.58	28,900	20,981	2.78	27,200	19,747	3.03
22	72	18	64	36,040	21,840	2.24	35,020	21,222	2.35	34,000	20,604	2.50	32,980	19,986	2.67	31,620	19,162	2.82	29,580	17,925	3.10
22	72	20	68	38,760	18,837	2.28	38,080	18,507	2.41	37,060	18,011	2.56	35,700	17,350	2.71	34,340	16,689	2.90	31,620	15,367	3.18
24	75	16	61	33,660	27,130	2.18	32,640	26,308	2.28	31,620	25,486	2.41	30,260	24,390	2.58	28,900	23,293	2.78	27,200	21,923	3.03
24	75	18	64	36,040	24,723	2.24	35,020	24,024	2.35	34,000	23,324	2.50	32,980	22,624	2.67	31,620	21,691	2.82	29,580	20,292	3.10
24	75	20	68	38,760	21,938	2.28	38,080	21,553	2.41	37,060	20,976	2.56	35,700	20,206	2.71	34,340	19,436	2.90	31,620	17,897	3.18
24	75	22	72	41,140	18,348	2.35	40,460	18,045	2.46	39,440	17,590	2.60	38,420	17,135	2.78	37,060	16,529	2.99	34,340	15,316	3.29
26	79	16	61	33,660	29,823	2.18	32,640	28,919	2.28	31,620	28,015	2.41	30,260	26,810	2.58	28,900	25,605	2.78	27,200	24,099	3.03
26	79	18	64	36,040	27,607	2.24	35,020	26,825	2.35	34,000	26,044	2.50	32,980	25,263	2.67	31,620	24,221	2.82	29,580	22,658	3.10
26	79	20	68	38,760	25,039	2.28	38,080	24,600	2.41	37,060	23,941	2.56	35,700	23,062	2.71	34,340	22,184	2.90	31,620	20,427	3.18
26	79	22	72	41,140	21,640	2.35	40,460	21,282	2.46	39,440	20,745	2.60	38,420	20,209	2.78	37,060	19,494	2.99	34,340	18,063	3.29
27	81	16	61	33,660	31,169	2.18	32,640	30,225	2.28	31,620	29,280	2.41	30,260	28,021	2.58	28,900	26,761	2.78	27,200	25,187	3.03
27	81	18	64	36,040	29,048	2.24	35,020	28,226	2.35	34,000	27,404	2.50	32,980	26,582	2.67	31,620	25,486	2.82	29,580	23,841	3.10
27	81	20	68	38,760	26,589	2.28	38,080	26,123	2.41	37,060	25,423	2.56	35,700	24,490	2.71	34,340	23,557	2.90	31,620	21,691	3.18
27	81	22	72	41,140	23,285	2.35	40,460	22,900	2.46	39,440	22,323	2.60	38,420	21,746	2.78	37,060	20,976	2.99	34,340	19,436	3.29
28	82	16	61	33,660	32,516	2.18	32,640	31,530	2.28	31,620	30,545	2.41	30,260	29,231	2.58	28,900	27,917	2.78	27,200	26,275	3.03
28	82	18	64	36,040	30,490	2.24	35,020	29,627	2.35	34,000	28,764	2.50	32,980	27,901	2.67	31,620	26,751	2.82	29,580	25,025	3.10
28	82	20	68	38,760	28,140	2.28	38,080	27,646	2.41	37,060	26,906	2.56	35,700	25,918	2.71	34,340	24,931	2.90	31,620	22,956	3.18
28	82	22	72	41,140	24,931	2.35	40,460	24,519	2.46	39,440	23,901	2.60	38,420	23,283	2.78	37,060	22,458	2.99	34,340	20,810	3.29
30	86	16	61	33,660	33,660	2.18	32,640	32,640	2.28	31,620	31,620	2.41	30,260	30,260	2.58	28,900	28,900	2.78	27,200	27,200	3.03
30	86	18	64	36,040	33,373	2.24	35,020	32,429	2.35	34,000	31,484	2.50	32,980	30,539	2.67	31,620	29,280	2.82	29,580	27,391	3.10
30	86	20	68	38,760	31,241	2.28	38,080	30,692	2.41	37,060	29,870	2.56	35,700	28,774	2.71	34,340	27,678	2.90	31,620	25,486	3.18
30	86	22	72	41,140	28,222	2.35	40,460	27,756	2.46	39,440	27,056	2.60	38,420	26,356	2.78	37,060	25,423	2.99	34,340	23,557	3.29
32	90	16	61	33,660	33,660	2.18	32,640	32,640	2.28	31,620	31,620	2.41	30,260	30,260	2.58	28,900	28,900	2.78	27,200	27,200	3.03
32	90	18	64	36,040	36,040	2.24	35,020	35,020	2.35	34,000	34,000	2.50	32,980	32,980	2.67	31,620	31,620	2.82	29,580	29,580	3.10
32	90	20	68	38,760	34,341	2.28	38,080	33,739	2.41	37,060	32,835	2.56	35,700	31,630	2.71	34,340	30,425	2.90	31,620	28,015	3.18
32	90	22	72	41,140	31,513	2.35	40,460	30,992	2.46	39,440	30,211	2.60	38,420	29,430	2.78	37,060	28,388	2.99	34,340	26,304	3.29
34	93	16	61	33,660	33,660	2.18	32,640	32,640	2.28	31,620	31,620	2.41	30,260	30,260	2.58	28,900	28,900	2.78	27,200	27,200	3.03
34	93	18	64	36,040	36,040	2.24	35,020	35,020	2.35	34,000	34,000	2.50	32,980	32,980	2.67	31,620	31,620	2.82	29,580	29,580	3.10
34	93	20	68	38,760	37,442	2.28	38,080	36,785	2.41	37,060	35,800	2.56	35,700	34,486	2.71	34,340	33,172	2.90	31,620	30,545	3.18
34	93	22	72	41,140	34,804	2.35	40,460	34,229	2.46	39,440	33,366	2.60	38,420	32,503	2.78	37,060	31,353	2.99	34,340	29,052	3.29

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PKA-A30KA6/PUZ-HA30NHA5

CAPACITY (BTU/H): 30,000 INPUT (kW): 2.50 SHF: 0.70

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	29,700	18,889	2.02	28,800	18,317	2.12	27,900	17,744	2.24	26,700	16,981	2.40	25,500	16,218	2.58	24,000	15,264	2.82
20	68	18	64	31,800	16,409	2.08	30,900	15,944	2.18	30,000	15,480	2.32	29,100	15,016	2.48	27,900	14,396	2.62	26,100	13,468	2.88
22	72	16	61	29,700	21,265	2.02	28,800	20,621	2.12	27,900	19,976	2.24	26,700	19,117	2.40	25,500	18,258	2.58	24,000	17,184	2.82
22	72	18	64	31,800	18,953	2.08	30,900	18,416	2.18	30,000	17,880	2.32	29,100	17,344	2.48	27,900	16,628	2.62	26,100	15,556	2.88
22	72	20	68	34,200	16,279	2.12	33,600	15,994	2.24	32,700	15,565	2.38	31,500	14,994	2.52	30,300	14,423	2.70	27,900	13,280	2.96
24	75	16	61	29,700	23,641	2.02	28,800	22,925	2.12	27,900	22,208	2.24	26,700	21,253	2.40	25,500	20,298	2.58	24,000	19,104	2.82
24	75	18	64	31,800	21,497	2.08	30,900	20,888	2.18	30,000	20,280	2.32	29,100	19,672	2.48	27,900	18,860	2.62	26,100	17,644	2.88
24	75	20	68	34,200	19,015	2.12	33,600	18,682	2.24	32,700	18,181	2.38	31,500	17,514	2.52	30,300	16,847	2.70	27,900	15,512	2.96
24	75	22	72	36,300	15,827	2.18	35,700	15,565	2.28	34,800	15,173	2.42	33,900	14,780	2.58	32,700	14,257	2.78	30,300	13,211	3.06
26	79	16	61	29,700	26,017	2.02	28,800	25,229	2.12	27,900	24,440	2.24	26,700	23,389	2.40	25,500	22,338	2.58	24,000	21,024	2.82
26	79	18	64	31,800	24,041	2.08	30,900	23,360	2.18	30,000	22,680	2.32	29,100	22,000	2.48	27,900	21,092	2.62	26,100	19,732	2.88
26	79	20	68	34,200	21,751	2.12	33,600	21,370	2.24	32,700	20,797	2.38	31,500	20,034	2.52	30,300	19,271	2.70	27,900	17,744	2.96
26	79	22	72	36,300	18,731	2.18	35,700	18,421	2.28	34,800	17,957	2.42	33,900	17,492	2.58	32,700	16,873	2.78	30,300	15,635	3.06
27	81	16	61	29,700	27,205	2.02	28,800	26,381	2.12	27,900	25,556	2.24	26,700	24,457	2.40	25,500	23,358	2.58	24,000	21,984	2.82
27	81	18	64	31,800	25,313	2.08	30,900	24,596	2.18	30,000	23,880	2.32	29,100	23,164	2.48	27,900	22,208	2.62	26,100	20,776	2.88
27	81	20	68	34,200	23,119	2.12	33,600	22,714	2.24	32,700	22,105	2.38	31,500	21,294	2.52	30,300	20,483	2.70	27,900	18,860	2.96
27	81	22	72	36,300	20,183	2.18	35,700	19,849	2.28	34,800	19,349	2.42	33,900	18,848	2.58	32,700	18,181	2.78	30,300	16,847	3.06
28	82	16	61	29,700	28,393	2.02	28,800	27,533	2.12	27,900	26,672	2.24	26,700	25,525	2.40	25,500	24,378	2.58	24,000	22,944	2.82
28	82	18	64	31,800	26,585	2.08	30,900	25,832	2.18	30,000	25,080	2.32	29,100	24,328	2.48	27,900	23,324	2.62	26,100	21,820	2.88
28	82	20	68	34,200	24,487	2.12	33,600	24,058	2.24	32,700	23,413	2.38	31,500	22,554	2.52	30,300	21,695	2.70	27,900	19,976	2.96
28	82	22	72	36,300	21,635	2.18	35,700	21,277	2.28	34,800	20,741	2.42	33,900	20,204	2.58	32,700	19,489	2.78	30,300	18,059	3.06
30	86	16	61	29,700	29,700	2.02	28,800	28,800	2.12	27,900	27,900	2.24	26,700	26,700	2.40	25,500	25,500	2.58	24,000	24,000	2.82
30	86	18	64	31,800	29,129	2.08	30,900	28,304	2.18	30,000	27,480	2.32	29,100	26,656	2.48	27,900	25,556	2.62	26,100	23,908	2.88
30	86	20	68	34,200	27,223	2.12	33,600	26,746	2.24	32,700	26,029	2.38	31,500	25,074	2.52	30,300	24,119	2.70	27,900	22,208	2.96
30	86	22	72	36,300	24,539	2.18	35,700	24,133	2.28	34,800	23,525	2.42	33,900	22,916	2.58	32,700	22,105	2.78	30,300	20,483	3.06
32	90	16	61	29,700	29,700	2.02	28,800	28,800	2.12	27,900	27,900	2.24	26,700	26,700	2.40	25,500	25,500	2.58	24,000	24,000	2.82
32	90	18	64	31,800	31,673	2.08	30,900	30,776	2.18	30,000	29,880	2.32	29,100	28,984	2.48	27,900	27,788	2.62	26,100	25,996	2.88
32	90	20	68	34,200	29,959	2.12	33,600	29,434	2.24	32,700	28,645	2.38	31,500	27,594	2.52	30,300	26,543	2.70	27,900	24,440	2.96
32	90	22	72	36,300	27,443	2.18	35,700	26,989	2.28	34,800	26,309	2.42	33,900	25,628	2.58	32,700	24,721	2.78	30,300	22,907	3.06
34	93	16	61	29,700	29,700	2.02	28,800	28,800	2.12	27,900	27,900	2.24	26,700	26,700	2.40	25,500	25,500	2.58	24,000	24,000	2.82
34	93	18	64	31,800	31,800	2.08	30,900	30,900	2.18	30,000	30,000	2.32	29,100	29,100	2.48	27,900	27,900	2.62	26,100	26,100	2.88
34	93	20	68	34,200	32,695	2.12	33,600	32,122	2.24	32,700	31,261	2.38	31,500	30,114	2.52	30,300	28,967	2.70	27,900	26,672	2.96
34	93	22	72	36,300	30,347	2.18	35,700	29,845	2.28	34,800	29,093	2.42	33,900	28,340	2.58	32,700	27,337	2.78	30,300	25,331	3.06

PKA-A36KA6/PUZ-HA36NHA5

CAPACITY (BTU/H): 33,500 INPUT (kW): 2.79 SHF: 0.71

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	33,165	21,425	2.26	32,160	20,775	2.37	31,155	20,126	2.50	29,815	19,260	2.68	28,475	18,395	2.88	26,800	17,313	3.14
20	68	18	64	35,510	18,678	2.33	34,505	18,150	2.44	33,500	17,621	2.59	32,495	17,092	2.77	31,155	16,388	2.92	29,145	15,330	3.21
22	72	16	61	33,165	24,078	2.26	32,160	23,348	2.37	31,155	22,619	2.50	29,815	21,646	2.68	28,475	20,673	2.88	26,800	19,457	3.14
22	72	18	64	35,510	21,519	2.33	34,505	20,910	2.44	33,500	20,301	2.59	32,495	19,692	2.77	31,155	18,880	2.92	29,145	17,662	3.21
22	72	20	68	38,190	18,560	2.37	37,520	18,235	2.50	36,515	17,746	2.66	35,175	17,095	2.81	33,835	16,444	3.01	31,155	15,141	3.30
24	75	16	61	33,165	26,731	2.26	32,160	25,921	2.37	31,155	25,111	2.50	29,815	24,031	2.68	28,475	22,951	2.88	26,800	21,601	3.14
24	75	18	64	35,510	24,360	2.33	34,505	23,670	2.44	33,500	22,981	2.59	32,495	22,292	2.77	31,155	21,372	2.92	29,145	19,993	3.21
24	75	20	68	38,190	21,616	2.37	37,520	21,236	2.50	36,515	20,667	2.66	35,175	19,909	2.81	33,835	19,151	3.01	31,155	17,634	3.30
24	75	22	72	40,535	18,079	2.44	39,865	17,780	2.55	38,860	17,332	2.70	37,855	16,883	2.88	36,515	16,286	3.10	33,835	15,090	3.41
26	79	16	61	33,165	29,384	2.26	32,160	28,494	2.37	31,155	27,603	2.50	29,815	26,416	2.68	28,475	25,229	2.88	26,800	23,745	3.14
26	79	18	64	35,510	27,201	2.33	34,505	26,431	2.44	33,500	25,661	2.59	32,495	24,891	2.77	31,155	23,865	2.92	29,145	22,325	3.21
26	79	20	68	38,190	24,671	2.37	37,520	24,238	2.50	36,515	23,589	2.66	35,175	22,723	2.81	33,835	21,857	3.01	31,155	20,126	3.30
26	79	22	72	40,535	21,321	2.44	39,865	20,969	2.55	38,860	20,440	2.70	37,855	19,912	2.88	36,515	19,207	3.10	33,835	17,797	3.41
27	81	16	61	33,165	30,711	2.26	32,160	29,780	2.37	31,155	28,850	2.50	29,815	27,609	2.68	28,475	26,368	2.88	26,800	24,817	3.14
27	81	18	64	35,510	28,621	2.33	34,505	27,811	2.44	33,500	27,001	2.59	32,495	26,191	2.77	31,155	25,111	2.92	29,145	23,491	3.21
27	81	20	68	38,190	26,198	2.37	37,520	25,739	2.50	36,515	25,049	2.66	35,175	24,130	2.81	33,835	23,211	3.01	31,155	21,372	3.30
27	81	22	72	40,535	22,943	2.44	39,865	22,564	2.55	38,860	21,995	2.70	37,855	21,426	2.88	36,515	20,667	3.10	33,835	19,151	3.41
28	82	16	61	33,165	32,037	2.26	32,160	31,067	2.37	31,155	30,096	2.50	29,815	28,801	2.68	28,475	27,507	2.88	26,800	25,889	3.14
28	82	18	64	35,510	30,041	2.33	34,505	29,191	2.44	33,500	28,341	2.59	32,495	27,491	2.77	31,155	26,357	2.92	29,145	24,657	3.21
28	82	20	68	38,190	27,726	2.37	37,520	27,240	2.50	36,515	26,510	2.66	35,175	25,537	2.81	33,835	24,564	3.01	31,155	22,619	3.30
28	82	22	72	40,535	24,564	2.44	39,865	24,158	2.55	38,860	23,549	2.70	37,855	22,940	2.88	36,515	22,128	3.10	33,835	20,504	3.41
30	86	16	61	33,165	33,165	2.26	32,160	32,160	2.37	31,155	31,155	2.50	29,815	29,815	2.68	28,475	28,475	2.88	26,800	26,800	3.14
30	86	18	64	35,510	32,882	2.33	34,505	31,952	2.44	33,500	31,021	2.59	32,495	30,090	2.77	31,155	28,850	2.92	29,145	26,988	3.21
30	86	20	68	38,190	30,781	2.37	37,520	30,241	2.50	36,515	29,431	2.66	35,175	28,351	2.81	33,835	27,271	3.01	31,155	25,111	3.30
30	86	22	72	40,535	27,807	2.44	39,865	27,347	2.55	38,860	26,658	2.70	37,855	25,969	2.88	36,515	25,049	3.10	33,835	23,211	3.41
32	90	16	61	33,165	33,165	2.26	32,160	32,160	2.37	31,155	31,155	2.50	29,815	29,815	2.68	28,475	28,475	2.88	26,800	26,800	3.14
32	90	18	64	35,510	35,510	2.33	34,505	34,505	2.44	33,500	33,500	2.59	32,495	32,495	2.77	31,155	31,155	2.92	29,145	29,145	3.21
32	90	20	68	38,190	33,836	2.37	37,520	33,243	2.50	36,515	32,352	2.66	35,175	31,165	2.81	33,835	29,978	3.01	31,155	27,603	3.30
32	90	22	72	40,535	31,050	2.44	39,865	30,537	2.55	38,860	29,767	2.70	37,855	28,997	2.88	36,515	27,970	3.10	33,835	25,918	3.41
34	93	16	61	33,165	33,165	2.26	32,160	32,160	2.37	31,155	31,155	2.50	29,815	29,815	2.68	28,475	28,475	2.88	26,800	26,800	3.14
34	93	18	64	35,510	35,510	2.33	34,505	34,505	2.44	33,500	33,500	2.59	32,495	32,495	2.77	31,155	31,155	2.92	29,145	29,145	3.21
34	93	20	68	38,190	36,892	2.37	37,520	36,244	2.50	36,515	35,273	2.66	35,175	33,979	2.81	33,835	32,685	3.01	31,155	30,096	3.30
34	93	22	72	40,535	34,293	2.44	39,865	33,726	2.55	38,860	32,876	2.70	37,855	32,025	2.88	36,515	30,892	3.10	33,835	28,624	3.41

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PCA-A30KA6/PUZ-HA30NHA5

CAPACITY (BTU/H): 30,000 INPUT (kW): 2.48 SHF: 0.69

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	29,700	18,592	2.01	28,800	18,029	2.11	27,900	17,465	2.22	26,700	16,714	2.38	25,500	15,963	2.56	24,000	15,024	2.79
20	68	18	64	31,800	16,091	2.07	30,900	15,635	2.17	30,000	15,180	2.30	29,100	14,725	2.46	27,900	14,117	2.60	26,100	13,207	2.85
22	72	16	61	29,700	20,968	2.01	28,800	20,333	2.11	27,900	19,697	2.22	26,700	18,850	2.38	25,500	18,003	2.56	24,000	16,944	2.79
22	72	18	64	31,800	18,635	2.07	30,900	18,107	2.17	30,000	17,580	2.30	29,100	17,053	2.46	27,900	16,349	2.60	26,100	15,295	2.85
22	72	20	68	34,200	15,937	2.11	33,600	15,658	2.22	32,700	15,238	2.36	31,500	14,679	2.50	30,300	14,120	2.68	27,900	13,001	2.93
24	75	16	61	29,700	23,344	2.01	28,800	22,637	2.11	27,900	21,929	2.22	26,700	20,986	2.38	25,500	20,043	2.56	24,000	18,864	2.79
24	75	18	64	31,800	21,179	2.07	30,900	20,579	2.17	30,000	19,980	2.30	29,100	19,381	2.46	27,900	18,581	2.60	26,100	17,383	2.85
24	75	20	68	34,200	18,673	2.11	33,600	18,346	2.22	32,700	17,854	2.36	31,500	17,199	2.50	30,300	16,544	2.68	27,900	15,233	2.93
24	75	22	72	36,300	15,464	2.17	35,700	15,208	2.26	34,800	14,825	2.40	33,900	14,441	2.56	32,700	13,930	2.76	30,300	12,908	3.03
26	79	16	61	29,700	25,720	2.01	28,800	24,941	2.11	27,900	24,161	2.22	26,700	23,122	2.38	25,500	22,083	2.56	24,000	20,784	2.79
26	79	18	64	31,800	23,723	2.07	30,900	23,051	2.17	30,000	22,380	2.30	29,100	21,709	2.46	27,900	20,813	2.60	26,100	19,471	2.85
26	79	20	68	34,200	21,409	2.11	33,600	21,034	2.22	32,700	20,470	2.36	31,500	19,719	2.50	30,300	18,968	2.68	27,900	17,465	2.93
26	79	22	72	36,300	18,368	2.17	35,700	18,064	2.26	34,800	17,609	2.40	33,900	17,153	2.56	32,700	16,546	2.76	30,300	15,332	3.03
27	81	16	61	29,700	26,908	2.01	28,800	26,093	2.11	27,900	25,277	2.22	26,700	24,190	2.38	25,500	23,103	2.56	24,000	21,744	2.79
27	81	18	64	31,800	24,995	2.07	30,900	24,287	2.17	30,000	23,580	2.30	29,100	22,873	2.46	27,900	21,929	2.60	26,100	20,515	2.85
27	81	20	68	34,200	22,777	2.11	33,600	22,378	2.22	32,700	21,778	2.36	31,500	20,979	2.50	30,300	20,180	2.68	27,900	18,581	2.93
27	81	22	72	36,300	19,820	2.17	35,700	19,492	2.26	34,800	19,001	2.40	33,900	18,509	2.56	32,700	17,854	2.76	30,300	16,544	3.03
28	82	16	61	29,700	28,096	2.01	28,800	27,245	2.11	27,900	26,393	2.22	26,700	25,258	2.38	25,500	24,123	2.56	24,000	22,704	2.79
28	82	18	64	31,800	26,267	2.07	30,900	25,523	2.17	30,000	24,780	2.30	29,100	24,037	2.46	27,900	23,045	2.60	26,100	21,559	2.85
28	82	20	68	34,200	24,145	2.11	33,600	23,722	2.22	32,700	23,086	2.36	31,500	22,239	2.50	30,300	21,392	2.68	27,900	19,697	2.93
28	82	22	72	36,300	21,272	2.17	35,700	20,920	2.26	34,800	20,393	2.40	33,900	19,865	2.56	32,700	19,162	2.76	30,300	17,756	3.03
30	86	16	61	29,700	29,700	2.01	28,800	28,800	2.11	27,900	27,900	2.22	26,700	26,700	2.38	25,500	25,500	2.56	24,000	24,000	2.79
30	86	18	64	31,800	28,811	2.07	30,900	27,995	2.17	30,000	27,180	2.30	29,100	26,365	2.46	27,900	25,277	2.60	26,100	23,647	2.85
30	86	20	68	34,200	26,881	2.11	33,600	26,410	2.22	32,700	25,702	2.36	31,500	24,759	2.50	30,300	23,816	2.68	27,900	21,929	2.93
30	86	22	72	36,300	24,176	2.17	35,700	23,776	2.26	34,800	23,177	2.40	33,900	22,577	2.56	32,700	21,778	2.76	30,300	20,180	3.03
32	90	16	61	29,700	29,700	2.01	28,800	28,800	2.11	27,900	27,900	2.22	26,700	26,700	2.38	25,500	25,500	2.56	24,000	24,000	2.79
32	90	18	64	31,800	31,355	2.07	30,900	30,467	2.17	30,000	29,580	2.30	29,100	28,693	2.46	27,900	27,509	2.60	26,100	25,735	2.85
32	90	20	68	34,200	29,617	2.11	33,600	29,098	2.22	32,700	28,318	2.36	31,500	27,279	2.50	30,300	26,240	2.68	27,900	24,161	2.93
32	90	22	72	36,300	27,080	2.17	35,700	26,632	2.26	34,800	25,961	2.40	33,900	25,289	2.56	32,700	24,394	2.76	30,300	22,604	3.03
34	93	16	61	29,700	29,700	2.01	28,800	28,800	2.11	27,900	27,900	2.22	26,700	26,700	2.38	25,500	25,500	2.56	24,000	24,000	2.79
34	93	18	64	31,800	31,800	2.07	30,900	30,900	2.17	30,000	30,000	2.30	29,100	29,100	2.46	27,900	27,900	2.60	26,100	26,100	2.85
34	93	20	68	34,200	32,353	2.11	33,600	31,786	2.22	32,700	30,934	2.36	31,500	29,799	2.50	30,300	28,664	2.68	27,900	26,393	2.93
34	93	22	72	36,300	29,984	2.17	35,700	29,488	2.26	34,800	28,745	2.40	33,900	28,001	2.56	32,700	27,010	2.76	30,300	25,028	3.03

PCA-A36KA6/PUZ-HA36NHA5

CAPACITY (BTU/H): 34,000 INPUT (kW): 2.81 SHF: 0.73

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	33,660	22,418	2.27	32,640	21,738	2.39	31,620	21,059	2.52	30,260	20,153	2.70	28,900	19,247	2.90	27,200	18,115	3.17
20	68	18	64	36,040	19,678	2.34	35,020	19,121	2.45	34,000	18,564	2.61	32,980	18,007	2.79	31,620	17,265	2.94	29,580	16,151	3.23
22	72	16	61	33,660	25,110	2.27	32,640	24,349	2.39	31,620	23,589	2.52	30,260	22,574	2.70	28,900	21,559	2.90	27,200	20,291	3.17
22	72	18	64	36,040	22,561	2.34	35,020	21,923	2.45	34,000	21,284	2.61	32,980	20,645	2.79	31,620	19,794	2.94	29,580	18,517	3.23
22	72	20	68	38,760	19,613	2.39	38,080	19,268	2.52	37,060	18,752	2.68	35,700	18,064	2.83	34,340	17,376	3.03	31,620	16,000	3.32
24	75	16	61	33,660	27,803	2.27	32,640	26,961	2.39	31,620	26,118	2.52	30,260	24,995	2.70	28,900	23,871	2.90	27,200	22,467	3.17
24	75	18	64	36,040	25,444	2.34	35,020	24,724	2.45	34,000	24,004	2.61	32,980	23,284	2.79	31,620	22,324	2.94	29,580	20,883	3.23
24	75	20	68	38,760	22,713	2.39	38,080	22,315	2.52	37,060	21,717	2.68	35,700	20,920	2.83	34,340	20,123	3.03	31,620	18,529	3.32
24	75	22	72	41,140	19,171	2.45	40,460	18,854	2.56	39,440	18,379	2.72	38,420	17,904	2.90	37,060	17,270	3.12	34,340	16,002	3.43
26	79	16	61	33,660	30,496	2.27	32,640	29,572	2.39	31,620	28,648	2.52	30,260	27,416	2.70	28,900	26,183	2.90	27,200	24,643	3.17
26	79	18	64	36,040	28,327	2.34	35,020	27,526	2.45	34,000	26,724	2.61	32,980	25,922	2.79	31,620	24,853	2.94	29,580	23,250	3.23
26	79	20	68	38,760	25,814	2.39	38,080	25,361	2.52	37,060	24,682	2.68	35,700	23,776	2.83	34,340	22,870	3.03	31,620	21,059	3.32
26	79	22	72	41,140	22,462	2.45	40,460	22,091	2.56	39,440	21,534	2.72	38,420	20,977	2.90	37,060	20,235	3.12	34,340	18,750	3.43
27	81	16	61	33,660	31,842	2.27	32,640	30,877	2.39	31,620	29,913	2.52	30,260	28,626	2.70	28,900	27,339	2.90	27,200	25,731	3.17
27	81	18	64	36,040	29,769	2.34	35,020	28,927	2.45	34,000	28,084	2.61	32,980	27,241	2.79	31,620	26,118	2.94	29,580	24,433	3.23
27	81	20	68	38,760	27,365	2.39	38,080	26,884	2.52	37,060	26,164	2.68	35,700	25,204	2.83	34,340	24,244	3.03	31,620	22,324	3.32
27	81	22	72	41,140	24,108	2.45	40,460	23,710	2.56	39,440	23,112	2.72	38,420	22,514	2.90	37,060	21,717	3.12	34,340	20,123	3.43
28	82	16	61	33,660	33,189	2.27	32,640	32,183	2.39	31,620	31,177	2.52	30,260	29,836	2.70	28,900	28,495	2.90	27,200	26,819	3.17
28	82	18	64	36,040	31,211	2.34	35,020	30,327	2.45	34,000	29,444	2.61	32,980	28,561	2.79	31,620	27,383	2.94	29,580	25,616	3.23
28	82	20	68	38,760	28,915	2.39	38,080	28,408	2.52	37,060	27,647	2.68	35,700	26,632	2.83	34,340	25,618	3.03	31,620	23,589	3.32
28	82	22	72	41,140	25,754	2.45	40,460	25,328	2.56	39,440	24,689	2.72	38,420	24,051	2.90	37,060	23,200	3.12	34,340	21,497	3.43
30	86	16	61	33,660	33,660	2.27	32,640	32,640	2.39	31,620	31,620	2.52	30,260	30,260	2.70	28,900	28,900	2.90	27,200	27,200	3.17
30	86	18	64	36,040	34,094	2.34	35,020	33,129	2.45	34,000	32,164	2.61	32,980	31,199	2.79	31,620	29,913	2.94	29,580	27,983	3.23
30	86	20	68	38,760	32,016	2.39	38,080	31,454	2.52	37,060	30,612	2.68	35,700	29,488	2.83	34,340	28,365	3.03	31,620	26,118	3.32
30	86	22	72	41,140	29,045	2.45	40,460	28,565	2.56	39,440	27,845	2.72	38,420	27,125	2.90	37,060	26,164	3.12	34,340	24,244	3.43
32	90	16	61	33,660	33,660	2.27	32,640	32,640	2.39	31,620	31,620	2.52	30,260	30,260	2.70	28,900	28,900	2.90	27,200	27,200	3.17
32	90	18	64	36,040	36,040	2.34	35,020	35,020	2.45	34,000	34,000	2.61	32,980	32,980	2.79	31,620	31,620	2.94	29,580	29,580	3.23
32	90	20	68	38,760	35,117	2.39	38,080	34,500	2.52	37,060	33,576	2.68	35,700	32,344	2.83	34,340	31,112	3.03	31,620	28,648	3.32
32	90	22	72	41,140	32,336	2.45	40,460	31,802	2.56	39,440	31,000	2.72	38,420	30,198	2.90	37,060	29,129	3.12	34,340	26,991	3.43
34	93	16	61	33,660	33,660	2.27	32,640	32,640	2.39	31,620	31,620	2.52	30,260	30,260	2.70	28,900	28,900	2.90	27,200	27,200	3.17
34	93	18	64	36,040	36,040	2.34	35,020	35,020	2.45	34,000	34,000	2.61	32,980	32,980	2.79	31,620	31,620	2.94	29,580	29,580	3.23
34	93	20	68	38,760	38,217	2.39	38,080	37,547	2.52	37,060	36,541	2.68	35,700	35,200	2.83	34,340	33,859	3.03	31,620	31,177	3.32
34	93	22	72	41,140	35,627	2.45	40,460	35,038	2.56	39,440	34,155	2.72	38,420	33,272	2.90	37,060	32,094	3.12	34,340	29,738	3.43

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PEAD-A30AA5/PUZ-HA30NHA5

CAPACITY (BTU/H): 27,000 INPUT (kW): 2.16 SHF: 0.67

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	26,730	16,198	1.75	25,920	15,708	1.84	25,110	15,217	1.94	24,030	14,562	2.07	22,950	13,908	2.22	21,600	13,090	2.44
20	68	18	64	28,620	13,909	1.79	27,810	13,516	1.88	27,000	13,122	2.01	26,190	12,728	2.14	25,110	12,203	2.27	23,490	11,416	2.48
22	72	16	61	26,730	18,337	1.75	25,920	17,781	1.84	25,110	17,225	1.94	24,030	16,485	2.07	22,950	15,744	2.22	21,600	14,818	2.44
22	72	18	64	28,620	16,199	1.79	27,810	15,740	1.88	27,000	15,282	2.01	26,190	14,824	2.14	25,110	14,212	2.27	23,490	13,295	2.48
22	72	20	68	30,780	13,728	1.84	30,240	13,487	1.94	29,430	13,126	2.05	28,350	12,644	2.18	28,350	12,644	2.33	25,110	11,199	2.55
24	75	16	61	26,730	20,475	1.75	25,920	19,855	1.84	25,110	19,234	1.94	24,030	18,407	2.07	22,950	17,580	2.22	21,600	16,546	2.44
24	75	18	64	28,620	18,489	1.79	27,810	17,965	1.88	27,000	17,442	2.01	26,190	16,919	2.14	25,110	16,221	2.27	23,490	15,175	2.48
24	75	20	68	30,780	16,190	1.84	30,240	15,906	1.94	29,430	15,480	2.05	28,350	14,912	2.18	28,350	14,912	2.33	25,110	13,208	2.55
24	75	22	72	32,670	13,264	1.88	32,130	13,045	1.97	31,320	12,716	2.10	30,510	12,387	2.22	29,430	11,949	2.40	27,270	11,072	2.64
26	79	16	61	26,730	22,614	1.75	25,920	21,928	1.84	25,110	21,243	1.94	24,030	20,329	2.07	22,950	19,416	2.22	21,600	18,274	2.44
26	79	18	64	28,620	20,778	1.79	27,810	20,190	1.88	27,000	19,602	2.01	26,190	19,014	2.14	25,110	18,230	2.27	23,490	17,054	2.48
26	79	20	68	30,780	18,653	1.84	30,240	18,325	1.94	29,430	17,835	2.05	28,350	17,180	2.18	28,350	17,180	2.33	25,110	15,217	2.55
26	79	22	72	32,670	15,878	1.88	32,130	15,615	1.97	31,320	15,222	2.10	30,510	14,828	2.22	29,430	14,303	2.40	27,270	13,253	2.64
27	81	16	61	26,730	23,683	1.75	25,920	22,965	1.84	25,110	22,247	1.94	24,030	21,291	2.07	22,950	20,334	2.22	21,600	19,138	2.44
27	81	18	64	28,620	21,923	1.79	27,810	21,302	1.88	27,000	20,682	2.01	26,190	20,062	2.14	25,110	19,234	2.27	23,490	17,993	2.48
27	81	20	68	30,780	19,884	1.84	30,240	19,535	1.94	29,430	19,012	2.05	28,350	18,314	2.18	28,350	18,314	2.33	25,110	16,221	2.55
27	81	22	72	32,670	17,184	1.88	32,130	16,900	1.97	31,320	16,474	2.10	30,510	16,048	2.22	29,430	15,480	2.40	27,270	14,344	2.64
28	82	16	61	26,730	24,752	1.75	25,920	24,002	1.84	25,110	23,252	1.94	24,030	22,252	2.07	22,950	21,252	2.22	21,600	20,002	2.44
28	82	18	64	28,620	23,068	1.79	27,810	22,415	1.88	27,000	21,762	2.01	26,190	21,109	2.14	25,110	20,239	2.27	23,490	18,933	2.48
28	82	20	68	30,780	21,115	1.84	30,240	20,745	1.94	29,430	20,189	2.05	28,350	19,448	2.18	28,350	19,448	2.33	25,110	17,225	2.55
28	82	22	72	32,670	18,491	1.88	32,130	18,186	1.97	31,320	17,727	2.10	30,510	17,269	2.22	29,430	16,657	2.40	27,270	15,435	2.64
30	86	16	61	26,730	26,730	1.75	25,920	25,920	1.84	25,110	25,110	1.94	24,030	24,030	2.07	22,950	22,950	2.22	21,600	21,600	2.44
30	86	18	64	28,620	25,357	1.79	27,810	24,640	1.88	27,000	23,922	2.01	26,190	23,204	2.14	25,110	22,247	2.27	23,490	20,812	2.48
30	86	20	68	30,780	23,577	1.84	30,240	23,164	1.94	29,430	22,543	2.05	28,350	21,716	2.18	28,350	21,716	2.33	25,110	19,234	2.55
30	86	22	72	32,670	21,105	1.88	32,130	20,756	1.97	31,320	20,233	2.10	30,510	19,709	2.22	29,430	19,012	2.40	27,270	17,616	2.64
32	90	16	61	26,730	26,730	1.75	25,920	25,920	1.84	25,110	25,110	1.94	24,030	24,030	2.07	22,950	22,950	2.22	21,600	21,600	2.44
32	90	18	64	28,620	27,647	1.79	27,810	26,864	1.88	27,000	26,082	2.01	26,190	25,300	2.14	25,110	24,256	2.27	23,490	22,691	2.48
32	90	20	68	30,780	26,040	1.84	30,240	25,583	1.94	29,430	24,898	2.05	28,350	23,984	2.18	28,350	23,984	2.33	25,110	21,243	2.55
32	90	22	72	32,670	23,718	1.88	32,130	23,326	1.97	31,320	22,738	2.10	30,510	22,150	2.22	29,430	21,366	2.40	27,270	19,798	2.64
34	93	16	61	26,730	26,730	1.75	25,920	25,920	1.84	25,110	25,110	1.94	24,030	24,030	2.07	22,950	22,950	2.22	21,600	21,600	2.44
34	93	18	64	28,620	28,620	1.79	27,810	27,810	1.88	27,000	27,000	2.01	26,190	26,190	2.14	25,110	25,110	2.27	23,490	23,490	2.48
34	93	20	68	30,780	28,502	1.84	30,240	28,002	1.94	29,430	27,252	2.05	28,350	26,252	2.18	28,350	26,252	2.33	25,110	23,252	2.55
34	93	22	72	32,670	26,332	1.88	32,130	25,897	1.97	31,320	25,244	2.10	30,510	24,591	2.22	29,430	23,721	2.40	27,270	21,980	2.64

PEAD-A36AA5/PUZ-HA36NHA5

CAPACITY (BTU/H): 33,000 INPUT (kW): 2.64 SHF: 0.76

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	32,670	22,738	2.14	31,680	22,049	2.24	30,690	21,360	2.38	29,370	20,442	2.53	28,050	19,523	2.72	26,400	18,374	2.98
20	68	18	64	34,980	20,148	2.19	33,990	19,578	2.30	33,000	19,008	2.46	32,010	18,438	2.61	30,690	17,677	2.77	28,710	16,537	3.04
22	72	16	61	32,670	25,352	2.14	31,680	24,584	2.24	30,690	23,815	2.38	29,370	22,791	2.53	28,050	21,767	2.72	26,400	20,486	2.98
22	72	18	64	34,980	22,947	2.19	33,990	22,297	2.30	33,000	21,648	2.46	32,010	20,999	2.61	30,690	20,133	2.77	28,710	18,834	3.04
22	72	20	68	37,620	20,164	2.24	36,960	19,811	2.38	35,970	19,280	2.51	34,650	18,572	2.67	34,650	18,572	2.85	30,690	16,450	3.12
24	75	16	61	32,670	27,966	2.14	31,680	27,118	2.24	30,690	26,271	2.38	29,370	25,141	2.53	28,050	24,011	2.72	26,400	22,598	2.98
24	75	18	64	34,980	25,745	2.19	33,990	25,017	2.30	33,000	24,288	2.46	32,010	23,559	2.61	30,690	22,588	2.77	28,710	21,131	3.04
24	75	20	68	37,620	23,174	2.24	36,960	22,767	2.38	35,970	22,158	2.51	34,650	21,344	2.67	34,650	21,344	2.85	30,690	18,905	3.12
24	75	22	72	39,930	19,805	2.30	39,270	19,478	2.40	38,280	18,987	2.56	37,290	18,496	2.72	35,970	17,841	2.93	33,330	16,532	3.22
26	79	16	61	32,670	30,579	2.14	31,680	29,652	2.24	30,690	28,726	2.38	29,370	27,490	2.53	28,050	26,255	2.72	26,400	24,710	2.98
26	79	18	64	34,980	28,544	2.19	33,990	27,736	2.30	33,000	26,928	2.46	32,010	26,120	2.61	30,690	25,043	2.77	28,710	23,427	3.04
26	79	20	68	37,620	26,184	2.24	36,960	25,724	2.38	35,970	25,035	2.51	34,650	24,116	2.67	34,650	24,116	2.85	30,690	21,360	3.12
26	79	22	72	39,930	23,000	2.30	39,270	22,620	2.40	38,280	22,049	2.56	37,290	21,479	2.72	35,970	20,719	2.93	33,330	19,198	3.22
27	81	16	61	32,670	31,886	2.14	31,680	30,920	2.24	30,690	29,953	2.38	29,370	28,665	2.53	28,050	27,377	2.72	26,400	25,766	2.98
27	81	18	64	34,980	29,943	2.19	33,990	29,095	2.30	33,000	28,248	2.46	32,010	27,401	2.61	30,690	26,271	2.77	28,710	24,576	3.04
27	81	20	68	37,620	27,688	2.24	36,960	27,203	2.38	35,970	26,474	2.51	34,650	25,502	2.67	34,650	25,502	2.85	30,690	22,588	3.12
27	81	22	72	39,930	24,597	2.30	39,270	24,190	2.40	38,280	23,580	2.56	37,290	22,971	2.72	35,970	22,158	2.93	33,330	20,531	3.22
28	82	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
28	82	18	64	34,980	31,342	2.19	33,990	30,455	2.30	33,000	29,568	2.46	32,010	28,681	2.61	30,690	27,498	2.77	28,710	25,724	3.04
28	82	20	68	37,620	29,193	2.24	36,960	28,681	2.38	35,970	27,913	2.51	34,650	26,888	2.67	34,650	26,888	2.85	30,690	23,815	3.12
28	82	22	72	39,930	26,194	2.30	39,270	25,761	2.40	38,280	25,112	2.56	37,290	24,462	2.72	35,970	23,596	2.93	33,330	21,864	3.22
30	86	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
30	86	18	64	34,980	34,140	2.19	33,990	33,174	2.30	33,000	32,208	2.46	32,010	31,242	2.61	30,690	29,953	2.77	28,710	28,021	3.04
30	86	20	68	37,620	32,203	2.24	36,960	31,638	2.38	35,970	30,790	2.51	34,650	29,660	2.67	34,650	29,660	2.85	30,690	26,271	3.12
30	86	22	72	39,930	29,388	2.30	39,270	28,903	2.40	38,280	28,174	2.56	37,290	27,445	2.72	35,970	26,474	2.93	33,330	24,531	3.22
32	90	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
32	90	18	64	34,980	34,980	2.19	33,990	33,990	2.30	33,000	33,000	2.46	32,010	32,010	2.61	30,690	30,690	2.77	28,710	28,710	3.04
32	90	20	68	37,620	35,212	2.24	36,960	34,595	2.38	35,970	33,668	2.51	34,650	32,432	2.67	34,650	32,432	2.85	30,690	28,726	3.12
32	90	22	72	39,930	32,583	2.30	39,270	32,044	2.40	38,280	31,236	2.56	37,290	30,429	2.72	35,970	29,352	2.93	33,330	27,197	3.22
34	93	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
34	93	18	64	34,980	34,980	2.19	33,990	33,990	2.30	33,000	33,000	2.46	32,010	32,010	2.61	30,690	30,690	2.77	28,710	28,710	3.04
34	93	20	68	37,620	37,620	2.24	36,960	36,960	2.38	35,970	35,970	2.51	34,650	34,650	2.67	34,650	34,650	2.85	30,690	30,690	3.12
34	93	22	72	39,930	35,777	2.30	39,270	35,186	2.40	38,280	34,299	2.56	37,290	33,412	2.72	35,970	32,229	2.93	33,330	29,864	3.22

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PLA-42BA6/PUZ-HA42NKA

CAPACITY (BTU/H): 42,000 INPUT (kW): 4.34 SHF: 0.71

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	25,364	3.47	40,320	24,595	3.67	39,060	23,827	3.88	37,380	22,802	4.17	35,700	21,777	4.47	34,020	20,752	4.84
20	68	18	64	44,520	21,815	3.54	43,260	21,197	3.73	41,790	20,477	3.99	40,320	19,757	4.27	39,060	19,139	4.60	36,540	17,905	4.95
20	68	20	68	47,880	17,716	3.65	46,830	17,327	3.82	45,570	16,861	4.08	43,680	16,162	4.38	42,000	15,540	4.69	39,480	14,608	5.03
22	72	16	61	41,580	28,690	3.47	40,320	27,821	3.67	39,060	26,951	3.88	37,380	25,792	4.17	35,700	24,633	4.47	34,020	23,474	4.84
22	72	18	64	44,520	25,376	3.54	43,260	24,658	3.73	41,790	23,820	3.99	40,320	22,982	4.27	39,060	22,264	4.60	36,540	20,828	4.95
22	72	20	68	47,880	21,546	3.65	46,830	21,074	3.82	45,570	20,507	4.08	43,680	19,656	4.38	42,000	18,900	4.69	39,480	17,766	5.03
24	75	16	61	41,580	32,017	3.47	40,320	31,046	3.67	39,060	30,076	3.88	37,380	28,783	4.17	35,700	27,489	4.47	34,020	26,195	4.84
24	75	18	64	44,520	28,938	3.54	43,260	28,119	3.73	41,790	27,164	3.99	40,320	26,208	4.27	39,060	25,389	4.60	36,540	23,751	4.95
24	75	20	68	47,880	25,376	3.65	46,830	24,820	3.82	45,570	24,152	4.08	43,680	23,150	4.38	42,000	22,260	4.69	39,480	20,924	5.03
24	75	22	72	51,030	20,922	3.73	49,980	20,492	3.95	48,720	19,975	4.21	47,040	19,286	4.47	45,360	18,598	4.82	42,840	17,564	5.12
26	79	16	61	41,580	35,343	3.47	40,320	34,272	3.67	39,060	33,201	3.88	37,380	31,773	4.17	35,700	30,345	4.47	34,020	28,917	4.84
26	79	18	64	44,520	32,500	3.54	43,260	31,580	3.73	41,790	30,507	3.99	40,320	29,434	4.27	39,060	28,514	4.60	36,540	26,674	4.95
26	79	20	68	47,880	29,207	3.65	46,830	28,566	3.82	45,570	27,798	4.08	43,680	26,645	4.38	42,000	25,620	4.69	39,480	24,083	5.03
26	79	22	72	51,030	25,005	3.73	49,980	24,490	3.95	48,720	23,873	4.21	47,040	23,050	4.47	45,360	22,226	4.82	42,840	20,992	5.12
27	81	16	61	41,580	37,006	3.47	40,320	35,885	3.67	39,060	34,763	3.88	37,380	33,268	4.17	35,700	31,773	4.47	34,020	30,278	4.84
27	81	18	64	44,520	34,280	3.54	43,260	33,310	3.73	41,790	32,178	3.99	40,320	31,046	4.27	39,060	30,076	4.60	36,540	28,136	4.95
27	81	20	68	47,880	31,122	3.65	46,830	30,440	3.82	45,570	29,621	4.08	43,680	28,392	4.38	42,000	27,300	4.69	39,480	25,662	5.03
27	81	22	72	51,030	27,046	3.73	49,980	26,489	3.95	48,720	25,822	4.21	47,040	24,931	4.47	45,360	24,041	4.82	42,840	22,705	5.12
28	82	16	61	41,580	38,669	3.47	40,320	37,498	3.67	39,060	36,326	3.88	37,380	34,763	4.17	35,700	33,201	4.47	34,020	31,639	4.84
28	82	18	64	44,520	36,061	3.54	43,260	35,041	3.73	41,790	33,850	3.99	40,320	32,659	4.27	39,060	31,639	4.60	36,540	29,597	4.95
28	82	20	68	47,880	33,037	3.65	46,830	32,313	3.82	45,570	31,443	4.08	43,680	30,139	4.38	42,000	28,980	4.69	39,480	27,241	5.03
28	82	22	72	51,030	29,087	3.73	49,980	28,489	3.95	48,720	27,770	4.21	47,040	26,813	4.47	45,360	25,855	4.82	42,840	24,419	5.12
30	86	16	61	41,580	41,580	3.47	40,320	40,320	3.67	39,060	39,060	3.88	37,380	37,380	4.17	35,700	35,700	4.47	34,020	34,020	4.84
30	86	18	64	44,520	39,623	3.54	43,260	38,501	3.73	41,790	37,193	3.99	40,320	35,885	4.27	39,060	34,763	4.60	36,540	32,521	4.95
30	86	20	68	47,880	36,868	3.65	46,830	36,059	3.82	45,570	35,089	4.08	43,680	33,634	4.38	42,000	32,340	4.69	39,480	30,400	5.03
30	86	22	72	51,030	33,170	3.73	49,980	32,487	3.95	48,720	31,668	4.21	47,040	30,576	4.47	45,360	29,484	4.82	42,840	27,846	5.12
32	90	16	61	41,580	41,580	3.47	40,320	40,320	3.67	39,060	39,060	3.88	37,380	37,380	4.17	35,700	35,700	4.47	34,020	34,020	4.84
32	90	18	64	44,520	43,184	3.54	43,260	41,962	3.73	41,790	40,536	3.99	40,320	39,110	4.27	39,060	37,888	4.60	36,540	35,444	4.95
32	90	20	68	47,880	40,698	3.65	46,830	39,806	3.82	45,570	38,735	4.08	43,680	37,128	4.38	42,000	35,700	4.69	39,480	33,558	5.03
32	90	22	72	51,030	37,252	3.73	49,980	36,485	3.95	48,720	35,566	4.21	47,040	34,339	4.47	45,360	33,113	4.82	42,840	31,273	5.12
34	93	16	61	41,580	41,580	3.47	40,320	40,320	3.67	39,060	39,060	3.88	37,380	37,380	4.17	35,700	35,700	4.47	34,020	34,020	4.84
34	93	18	64	44,520	44,520	3.54	43,260	43,260	3.73	41,790	41,790	3.99	40,320	40,320	4.27	39,060	39,060	4.60	36,540	36,540	4.95
34	93	20	68	47,880	44,528	3.65	46,830	43,552	3.82	45,570	42,380	4.08	43,680	40,622	4.38	42,000	39,060	4.69	39,480	36,716	5.03
34	93	22	72	51,030	41,334	3.73	49,980	40,484	3.95	48,720	39,463	4.21	47,040	38,102	4.47	45,360	36,742	4.82	42,840	34,700	5.12

PCA-A42KA6/PUZ-HA42NKA

CAPACITY (BTU/H): 42,000 INPUT (kW): 4.20 SHF: 0.69

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	24,532	3.36	40,320	23,789	3.55	39,060	23,045	3.76	37,380	22,054	4.03	35,700	21,063	4.33	34,020	20,072	4.68
20	68	18	64	44,520	20,924	3.42	43,260	20,332	3.61	41,790	19,641	3.86	40,320	18,950	4.14	39,060	18,358	4.45	36,540	17,174	4.79
20	68	20	68	47,880	16,758	3.53	46,830	16,391	3.70	45,570	15,950	3.95	43,680	15,288	4.24	42,000	14,700	4.54	39,480	13,818	4.87
22	72	16	61	41,580	27,859	3.36	40,320	27,014	3.55	39,060	26,170	3.76	37,380	25,045	4.03	35,700	23,919	4.33	34,020	22,793	4.68
22	72	18	64	44,520	24,486	3.42	43,260	23,793	3.61	41,790	22,985	3.86	40,320	22,176	4.14	39,060	21,483	4.45	36,540	20,097	4.79
22	72	20	68	47,880	20,588	3.53	46,830	20,137	3.70	45,570	19,595	3.95	43,680	18,782	4.24	42,000	18,060	4.54	39,480	16,976	4.87
24	75	16	61	41,580	31,185	3.36	40,320	30,240	3.55	39,060	29,295	3.76	37,380	28,035	4.03	35,700	26,775	4.33	34,020	25,515	4.68
24	75	18	64	44,520	28,048	3.42	43,260	27,254	3.61	41,790	26,328	3.86	40,320	25,402	4.14	39,060	24,608	4.45	36,540	23,020	4.79
24	75	20	68	47,880	24,419	3.53	46,830	23,883	3.70	45,570	23,241	3.95	43,680	22,277	4.24	42,000	21,420	4.54	39,480	20,135	4.87
24	75	22	72	51,030	19,902	3.61	49,980	19,492	3.82	48,720	19,001	4.07	47,040	18,346	4.33	45,360	17,690	4.66	42,840	16,708	4.96
26	79	16	61	41,580	34,511	3.36	40,320	33,466	3.55	39,060	32,420	3.76	37,380	31,025	4.03	35,700	29,631	4.33	34,020	28,237	4.68
26	79	18	64	44,520	31,609	3.42	43,260	30,715	3.61	41,790	29,671	3.86	40,320	28,627	4.14	39,060	27,733	4.45	36,540	25,943	4.79
26	79	20	68	47,880	28,249	3.53	46,830	27,630	3.70	45,570	26,886	3.95	43,680	25,771	4.24	42,000	24,780	4.54	39,480	23,293	4.87
26	79	22	72	51,030	23,984	3.61	49,980	23,491	3.82	48,720	22,898	4.07	47,040	22,109	4.33	45,360	21,319	4.66	42,840	20,135	4.96
27	81	16	61	41,580	36,175	3.36	40,320	35,078	3.55	39,060	33,982	3.76	37,380	32,521	4.03	35,700	31,059	4.33	34,020	29,597	4.68
27	81	18	64	44,520	33,390	3.42	43,260	32,445	3.61	41,790	31,343	3.86	40,320	30,240	4.14	39,060	29,295	4.45	36,540	27,405	4.79
27	81	20	68	47,880	30,164	3.53	46,830	29,503	3.70	45,570	28,709	3.95	43,680	27,518	4.24	42,000	26,460	4.54	39,480	24,872	4.87
27	81	22	72	51,030	26,025	3.61	49,980	25,490	3.82	48,720	24,847	4.07	47,040	23,990	4.33	45,360	23,134	4.66	42,840	21,848	4.96
28	82	16	61	41,580	37,838	3.36	40,320	36,691	3.55	39,060	35,545	3.76	37,380	34,016	4.03	35,700	32,487	4.33	34,020	30,958	4.68
28	82	18	64	44,520	35,171	3.42	43,260	34,175	3.61	41,790	33,014	3.86	40,320	31,853	4.14	39,060	30,857	4.45	36,540	28,867	4.79
28	82	20	68	47,880	32,080	3.53	46,830	31,376	3.70	45,570	30,532	3.95	43,680	29,266	4.24	42,000	28,140	4.54	39,480	26,452	4.87
28	82	22	72	51,030	28,067	3.61	49,980	27,489	3.82	48,720	26,796	4.07	47,040	25,872	4.33	45,360	24,948	4.66	42,840	23,562	4.96
30	86	16	61	41,580	41,164	3.36	40,320	39,917	3.55	39,060	38,669	3.76	37,380	37,006	4.03	35,700	35,343	4.33	34,020	33,680	4.68
30	86	18	64	44,520	38,732	3.42	43,260	37,636	3.61	41,790	36,357	3.86	40,320	35,078	4.14	39,060	33,982	4.45	36,540	31,790	4.79
30	86	20	68	47,880	35,910	3.53	46,830	35,123	3.70	45,570	34,178	3.95	43,680	32,760	4.24	42,000	31,500	4.54	39,480	29,610	4.87
30	86	22	72	51,030	32,149	3.61	49,980	31,487	3.82	48,720	30,694	4.07	47,040	29,635	4.33	45,360	28,577	4.66	42,840	26,989	4.96
32	90	16	61	41,580	41,580	3.36	40,320	40,320	3.55	39,060	39,060	3.76	37,380	37,380	4.03	35,700	35,700	4.33	34,020	34,020	4.68
32	90	18	64	44,520	42,294	3.42	43,260	41,097	3.61	41,790	39,701	3.86	40,320	38,304	4.14	39,060	37,107	4.45	36,540	34,713	4.79
32	90	20	68	47,880	39,740	3.53	46,830	38,869	3.70	45,570	37,823	3.95	43,680	36,254	4.24	42,000	34,860	4.54	39,480	32,768	4.87
32	90	22	72	51,030	36,231	3.61	49,980	35,486	3.82	48,720	34,591	4.07	47,040	33,398	4.33	45,360	32,206	4.66	42,840	30,416	4.96
34	93	16	61	41,580	41,580	3.36	40,320	40,320	3.55	39,060	39,060	3.76	37,380	37,380	4.03	35,700	35,700	4.33	34,020	34,020	4.68
34	93	18	64	44,520	44,520	3.42	43,260	43,260	3.61	41,790	41,790	3.86	40,320	40,320	4.14	39,060	39,060	4.45	36,540	36,540	4.79
34	93	20	68	47,880	43,571	3.53	46,830	42,615	3.70	45,570	41,469	3.95	43,680	39,749	4.24	42,000	38,220	4.54	39,480	35,927	4.87
34	93	22	72	51,030	40,314	3.61	49,980	39,484	3.82	48,720	38,489	4.07	47,040	37,162	4.33	45,360	35,834	4.66	42,840	33,844	4.96

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

PEAD-A42AA5/PUZ-HA42NKA

CAPACITY (BTU/H): 42,000 INPUT (kW): 4.36 SHF: 0.76

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	27,443	3.49	40,320	26,611	3.68	39,060	25,780	3.90	37,380	24,671	4.19	35,700	23,562	4.49	34,020	22,453	4.86
20	68	18	64	44,520	24,041	3.55	43,260	23,360	3.75	41,790	22,567	4.01	40,320	21,773	4.29	39,060	21,092	4.62	36,540	19,732	4.97
20	68	20	68	47,880	20,110	3.66	46,830	19,669	3.84	45,570	19,139	4.10	43,680	18,346	4.40	42,000	17,640	4.71	39,480	16,582	5.06
22	72	16	61	41,580	30,769	3.49	40,320	29,837	3.68	39,060	28,904	3.90	37,380	27,661	4.19	35,700	26,418	4.49	34,020	25,175	4.86
22	72	18	64	44,520	27,602	3.55	43,260	26,821	3.75	41,790	25,910	4.01	40,320	24,998	4.29	39,060	24,217	4.62	36,540	22,655	4.97
22	72	20	68	47,880	23,940	3.66	46,830	23,415	3.84	45,570	22,785	4.10	43,680	21,840	4.40	42,000	21,000	4.71	39,480	19,740	5.06
24	75	16	61	41,580	34,096	3.49	40,320	33,062	3.68	39,060	32,029	3.90	37,380	30,652	4.19	35,700	29,274	4.49	34,020	27,896	4.86
24	75	18	64	44,520	31,164	3.55	43,260	30,282	3.75	41,790	29,253	4.01	40,320	28,224	4.29	39,060	27,342	4.62	36,540	25,578	4.97
24	75	20	68	47,880	27,770	3.66	46,830	27,161	3.84	45,570	26,431	4.10	43,680	25,334	4.40	42,000	24,360	4.71	39,480	22,898	5.06
24	75	22	72	51,030	23,474	3.75	49,980	22,991	3.97	48,720	22,411	4.23	47,040	21,638	4.49	45,360	20,866	4.84	42,840	19,706	5.14
26	79	16	61	41,580	37,422	3.49	40,320	36,288	3.68	39,060	35,154	3.90	37,380	33,642	4.19	35,700	32,130	4.49	34,020	30,618	4.86
26	79	18	64	44,520	34,726	3.55	43,260	33,743	3.75	41,790	32,596	4.01	40,320	31,450	4.29	39,060	30,467	4.62	36,540	28,501	4.97
26	79	20	68	47,880	31,601	3.66	46,830	30,908	3.84	45,570	30,076	4.10	43,680	28,829	4.40	42,000	27,720	4.71	39,480	26,057	5.06
26	79	22	72	51,030	27,556	3.75	49,980	26,989	3.97	48,720	26,309	4.23	47,040	25,402	4.49	45,360	24,494	4.84	42,840	23,134	5.14
27	81	16	61	41,580	39,085	3.49	40,320	37,901	3.68	39,060	36,716	3.90	37,380	35,137	4.19	35,700	33,558	4.49	34,020	31,979	4.86
27	81	18	64	44,520	36,506	3.55	43,260	35,473	3.75	41,790	34,268	4.01	40,320	33,062	4.29	39,060	32,029	4.62	36,540	29,963	4.97
27	81	20	68	47,880	33,516	3.66	46,830	32,781	3.84	45,570	31,899	4.10	43,680	30,576	4.40	42,000	29,400	4.71	39,480	27,636	5.06
27	81	22	72	51,030	29,597	3.75	49,980	28,988	3.97	48,720	28,258	4.23	47,040	27,283	4.49	45,360	26,309	4.84	42,840	24,847	5.14
28	82	16	61	41,580	40,748	3.49	40,320	39,514	3.68	39,060	38,279	3.90	37,380	36,632	4.19	35,700	34,986	4.49	34,020	33,340	4.86
28	82	18	64	44,520	38,287	3.55	43,260	37,204	3.75	41,790	35,939	4.01	40,320	34,675	4.29	39,060	33,592	4.62	36,540	31,424	4.97
28	82	20	68	47,880	35,431	3.66	46,830	34,654	3.84	45,570	33,722	4.10	43,680	32,323	4.40	42,000	31,080	4.71	39,480	29,215	5.06
28	82	22	72	51,030	31,639	3.75	49,980	30,988	3.97	48,720	30,206	4.23	47,040	29,165	4.49	45,360	28,123	4.84	42,840	26,561	5.14
30	86	16	61	41,580	41,580	3.49	40,320	40,320	3.68	39,060	39,060	3.90	37,380	37,380	4.19	35,700	35,700	4.49	34,020	34,020	4.86
30	86	18	64	44,520	41,849	3.55	43,260	40,664	3.75	41,790	39,283	4.01	40,320	37,901	4.29	39,060	36,716	4.62	36,540	34,348	4.97
30	86	20	68	47,880	39,262	3.66	46,830	38,401	3.84	45,570	37,367	4.10	43,680	35,818	4.40	42,000	34,440	4.71	39,480	32,374	5.06
30	86	22	72	51,030	35,721	3.75	49,980	34,986	3.97	48,720	34,104	4.23	47,040	32,928	4.49	45,360	31,752	4.84	42,840	29,988	5.14
32	90	16	61	41,580	41,580	3.49	40,320	40,320	3.68	39,060	39,060	3.90	37,380	37,380	4.19	35,700	35,700	4.49	34,020	34,020	4.86
32	90	18	64	44,520	44,520	3.55	43,260	43,260	3.75	41,790	41,790	4.01	40,320	40,320	4.29	39,060	39,060	4.62	36,540	36,540	4.97
32	90	20	68	47,880	43,092	3.66	46,830	42,147	3.84	45,570	41,013	4.10	43,680	39,312	4.40	42,000	37,800	4.71	39,480	35,532	5.06
32	90	22	72	51,030	39,803	3.75	49,980	38,984	3.97	48,720	38,002	4.23	47,040	36,691	4.49	45,360	35,381	4.84	42,840	33,415	5.14
34	93	16	61	41,580	41,580	3.49	40,320	40,320	3.68	39,060	39,060	3.90	37,380	37,380	4.19	35,700	35,700	4.49	34,020	34,020	4.86
34	93	18	64	44,520	44,520	3.55	43,260	43,260	3.75	41,790	41,790	4.01	40,320	40,320	4.29	39,060	39,060	4.62	36,540	36,540	4.97
34	93	20	68	47,880	46,922	3.66	46,830	45,893	3.84	45,570	44,659	4.10	43,680	42,806	4.40	42,000	41,160	4.71	39,480	38,690	5.06
34	93	22	72	51,030	43,886	3.75	49,980	42,983	3.97	48,720	41,899	4.23	47,040	40,454	4.49	45,360	39,010	4.84	42,840	36,842	5.14

PVA-A30AA4/PUZ-HA30NHA5

CAPACITY (BTU/H): 28,500 INPUT (kW): 2.28 SHF: 0.70

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
				CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	28,215	17,945	1.85	27,360	17,401	1.94	26,505	16,857	2.05	25,365	16,132	2.19	24,225	15,407	2.35	22,800	14,501	2.58
20	68	18	64	30,210	15,588	1.89	29,355	15,147	1.98	28,500	14,706	2.12	27,645	14,265	2.26	26,505	13,677	2.39	24,795	12,794	2.62
22	72	16	61	28,215	20,202	1.85	27,360	19,590	1.94	26,505	18,978	2.05	25,365	18,161	2.19	24,225	17,345	2.35	22,800	16,325	2.58
22	72	18	64	30,210	18,005	1.89	29,355	17,496	1.98	28,500	16,986	2.12	27,645	16,476	2.26	26,505	15,797	2.39	24,795	14,778	2.62
22	72	20	68	32,490	15,465	1.94	31,920	15,194	2.05	31,065	14,787	2.17	29,925	14,244	2.30	29,925	14,244	2.46	26,505	12,616	2.69
24	75	16	61	28,215	22,459	1.85	27,360	21,779	1.94	26,505	21,098	2.05	25,365	20,191	2.19	24,225	19,283	2.35	22,800	18,149	2.58
24	75	18	64	30,210	20,422	1.89	29,355	19,844	1.98	28,500	19,266	2.12	27,645	18,688	2.26	26,505	17,917	2.39	24,795	16,761	2.62
24	75	20	68	32,490	18,064	1.94	31,920	17,748	2.05	31,065	17,272	2.17	29,925	16,638	2.30	29,925	16,638	2.46	26,505	14,737	2.69
24	75	22	72	34,485	15,035	1.98	33,915	14,787	2.07	33,060	14,414	2.21	32,205	14,041	2.35	31,065	13,544	2.53	28,785	12,550	2.78
26	79	16	61	28,215	24,716	1.85	27,360	23,967	1.94	26,505	23,218	2.05	25,365	22,220	2.19	24,225	21,221	2.35	22,800	19,973	2.58
26	79	18	64	30,210	22,839	1.89	29,355	22,192	1.98	28,500	21,546	2.12	27,645	20,900	2.26	26,505	20,038	2.39	24,795	18,745	2.62
26	79	20	68	32,490	20,664	1.94	31,920	20,301	2.05	31,065	19,757	2.17	29,925	19,032	2.30	29,925	19,032	2.46	26,505	16,857	2.69
26	79	22	72	34,485	17,794	1.98	33,915	17,500	2.07	33,060	17,059	2.21	32,205	16,618	2.35	31,065	16,030	2.53	28,785	14,853	2.78
27	81	16	61	28,215	25,845	1.85	27,360	25,062	1.94	26,505	24,279	2.05	25,365	23,234	2.19	24,225	22,190	2.35	22,800	20,885	2.58
27	81	18	64	30,210	24,047	1.89	29,355	23,367	1.98	28,500	22,686	2.12	27,645	22,005	2.26	26,505	21,098	2.39	24,795	19,737	2.62
27	81	20	68	32,490	21,963	1.94	31,920	21,578	2.05	31,065	21,000	2.17	29,925	20,229	2.30	29,925	20,229	2.46	26,505	17,917	2.69
27	81	22	72	34,485	19,174	1.98	33,915	18,857	2.07	33,060	18,381	2.21	32,205	17,906	2.35	31,065	17,272	2.53	28,785	16,004	2.78
28	82	16	61	28,215	26,974	1.85	27,360	26,156	1.94	26,505	25,339	2.05	25,365	24,249	2.19	24,225	23,159	2.35	22,800	21,797	2.58
28	82	18	64	30,210	25,256	1.89	29,355	24,541	1.98	28,500	23,826	2.12	27,645	23,111	2.26	26,505	22,158	2.39	24,795	20,729	2.62
28	82	20	68	32,490	23,263	1.94	31,920	22,855	2.05	31,065	22,243	2.17	29,925	21,426	2.30	29,925	21,426	2.46	26,505	18,978	2.69
28	82	22	72	34,485	20,553	1.98	33,915	20,213	2.07	33,060	19,704	2.21	32,205	19,194	2.35	31,065	18,515	2.53	28,785	17,156	2.78
30	86	16	61	28,215	28,215	1.85	27,360	27,360	1.94	26,505	26,505	2.05	25,365	25,365	2.19	24,225	24,225	2.35	22,800	22,800	2.58
30	86	18	64	30,210	27,672	1.89	29,355	26,889	1.98	28,500	26,106	2.12	27,645	25,323	2.26	26,505	24,279	2.39	24,795	22,712	2.62
30	86	20	68	32,490	25,862	1.94	31,920	25,408	2.05	31,065	24,728	2.17	29,925	23,820	2.30	29,925	23,820	2.46	26,505	21,098	2.69
30	86	22	72	34,485	23,312	1.98	33,915	22,927	2.07	33,060	22,349	2.21	32,205	21,771	2.35	31,065	21,000	2.53	28,785	19,459	2.78
32	90	16	61	28,215	28,215	1.85	27,360	27,360	1.94	26,505	26,505	2.05	25,365	25,365	2.19	24,225	24,225	2.35	22,800	22,800	2.58
32	90	18	64	30,210	30,089	1.89	29,355	29,238	1.98	28,500	28,386	2.12	27,645	27,534	2.26	26,505	26,399	2.39	24,795	24,696	2.62
32	90	20	68	32,490	28,461	1.94	31,920	27,962	2.05	31,065	27,213	2.17	29,925	26,214	2.30	29,925	26,214	2.46	26,505	23,218	2.69
32	90	22	72	34,485	26,071	1.98	33,915	25,640	2.07	33,060	24,993	2.21	32,205	24,347	2.35	31,065	23,485	2.53	28,785	21,761	2.78
34	93	16	61	28,215	28,215	1.85	27,360	27,360	1.94	26,505	26,505	2.05	25,365	25,365	2.19	24,225	24,225	2.35	22,800	22,800	2.58
34	93	18	64	30,210	30,210	1.89	29,355	29,355	1.98	28,500	28,500	2.12	27,645	27,645	2.26	26,505	26,505	2.39	24,795	24,795	2.62
34	93	20	68	32,490	31,060	1.94	31,920	30,516	2.05	31,065	29,698	2.17	29,925	28,608	2.30	29,925	28,608	2.46	26,505	25,339	2.69
34	93	22	72	34,485	28,829	1.98	33915	28353	2.07	33,060	27,638	2.21	32,205	26,923	2.35	31,065	25,970	2.53	28,785	24,064	2.78

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

8. PERFORMANCE CHART

PVA-A36AA4/PUZ-HA36NHA5

CAPACITY (BTU/H): 33,000 INPUT (kW): 2.64 SHF: 0.74

Indoor intake air	Indoor intake air	Indoor intake air	Indoor intake air	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
D.B.(°C)	D.B.(°F)	W.B.(°C)	W.B.(°F)	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	32,670	22,085	2.14	31,680	21,416	2.24	30,690	20,746	2.38	29,370	19,854	2.53	28,050	18,962	2.72	26,400	17,846	2.98
20	68	18	64	34,980	19,449	2.19	33,990	18,898	2.30	33,000	18,348	2.46	32,010	17,798	2.61	30,690	17,064	2.77	28,710	15,963	3.04
22	72	16	61	32,670	24,699	2.14	31,680	23,950	2.24	30,690	23,202	2.38	29,370	22,204	2.53	28,050	21,206	2.72	26,400	19,958	2.98
22	72	18	64	34,980	22,247	2.19	33,990	21,618	2.30	33,000	20,988	2.46	32,010	20,358	2.61	30,690	19,519	2.77	28,710	18,260	3.04
22	72	20	68	37,620	19,412	2.24	36,960	19,071	2.38	35,970	18,561	2.51	34,650	17,879	2.67	34,650	17,879	2.85	30,690	15,836	3.12
24	75	16	61	32,670	27,312	2.14	31,680	26,484	2.24	30,690	25,657	2.38	29,370	24,553	2.53	28,050	23,450	2.72	26,400	22,070	2.98
24	75	18	64	34,980	25,046	2.19	33,990	24,337	2.30	33,000	23,628	2.46	32,010	22,919	2.61	30,690	21,974	2.77	28,710	20,556	3.04
24	75	20	68	37,620	22,422	2.24	36,960	22,028	2.38	35,970	21,438	2.51	34,650	20,651	2.67	34,650	20,651	2.85	30,690	18,291	3.12
24	75	22	72	39,930	19,007	2.30	39,270	18,693	2.40	38,280	18,221	2.56	37,290	17,750	2.72	35,970	17,122	2.93	33,330	15,865	3.22
26	79	16	61	32,670	29,926	2.14	31,680	29,019	2.24	30,690	28,112	2.38	29,370	26,903	2.53	28,050	25,694	2.72	26,400	24,182	2.98
26	79	18	64	34,980	27,844	2.19	33,990	27,056	2.30	33,000	26,268	2.46	32,010	25,480	2.61	30,690	24,429	2.77	28,710	22,853	3.04
26	79	20	68	37,620	25,431	2.24	36,960	24,985	2.38	35,970	24,316	2.51	34,650	23,423	2.67	34,650	23,423	2.85	30,690	20,746	3.12
26	79	22	72	39,930	22,201	2.30	39,270	21,834	2.40	38,280	21,284	2.56	37,290	20,733	2.72	35,970	19,999	2.93	33,330	18,531	3.22
27	81	16	61	32,670	31,233	2.14	31,680	30,286	2.24	30,690	29,340	2.38	29,370	28,078	2.53	28,050	26,816	2.72	26,400	25,238	2.98
27	81	18	64	34,980	29,243	2.19	33,990	28,416	2.30	33,000	27,588	2.46	32,010	26,760	2.61	30,690	25,657	2.77	28,710	24,002	3.04
27	81	20	68	37,620	26,936	2.24	36,960	26,463	2.38	35,970	25,755	2.51	34,650	24,809	2.67	34,650	24,809	2.85	30,690	21,974	3.12
27	81	22	72	39,930	23,798	2.30	39,270	23,405	2.40	38,280	22,815	2.56	37,290	22,225	2.72	35,970	21,438	2.93	33,330	19,865	3.22
28	82	16	61	32,670	32,539	2.14	31,680	31,553	2.24	30,690	30,567	2.38	29,370	29,253	2.53	28,050	27,938	2.72	26,400	26,294	2.98
28	82	18	64	34,980	30,642	2.19	33,990	29,775	2.30	33,000	28,908	2.46	32,010	28,041	2.61	30,690	26,884	2.77	28,710	25,150	3.04
28	82	20	68	37,620	28,441	2.24	36,960	27,942	2.38	35,970	27,193	2.51	34,650	26,195	2.67	34,650	26,195	2.85	30,690	23,202	3.12
28	82	22	72	39,930	25,395	2.30	39,270	24,976	2.40	38,280	24,346	2.56	37,290	23,716	2.72	35,970	22,877	2.93	33,330	21,198	3.22
30	86	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
30	86	18	64	34,980	33,441	2.19	33,990	32,494	2.30	33,000	31,548	2.46	32,010	30,602	2.61	30,690	29,340	2.77	28,710	27,447	3.04
30	86	20	68	37,620	31,450	2.24	36,960	30,899	2.38	35,970	30,071	2.51	34,650	28,967	2.67	34,650	28,967	2.85	30,690	25,657	3.12
30	86	22	72	39,930	28,590	2.30	39,270	28,117	2.40	38,280	27,408	2.56	37,290	26,700	2.72	35,970	25,755	2.93	33,330	23,864	3.22
32	90	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
32	90	18	64	34,980	34,980	2.19	33,990	33,990	2.30	33,000	33,000	2.46	32,010	32,010	2.61	30,690	30,690	2.77	28,710	28,710	3.04
32	90	20	68	37,620	34,460	2.24	36,960	33,855	2.38	35,970	32,949	2.51	34,650	31,739	2.67	34,650	31,739	2.85	30,690	28,112	3.12
32	90	22	72	39,930	31,784	2.30	39,270	31,259	2.40	38,280	30,471	2.56	37,290	29,683	2.72	35,970	28,632	2.93	33,330	26,531	3.22
34	93	16	61	32,670	32,670	2.14	31,680	31,680	2.24	30,690	30,690	2.38	29,370	29,370	2.53	28,050	28,050	2.72	26,400	26,400	2.98
34	93	18	64	34,980	34,980	2.19	33,990	33,990	2.30	33,000	33,000	2.46	32,010	32,010	2.61	30,690	30,690	2.77	28,710	28,710	3.04
34	93	20	68	37,620	37,470	2.24	36,960	36,812	2.38	35,970	35,826	2.51	34,650	34,511	2.67	34,650	34,511	2.85	30,690	30,567	3.12
34	93	22	72	39,930	34,979	2.30	39,270	34,401	2.40	38,280	33,533	2.56	37,290	32,666	2.72	35,970	31,510	2.93	33,330	29,197	3.22

PVA-A42AA4/PUZ-HA42NKA

CAPACITY (BTU/H): 42,000 INPUT (kW): 4.27 SHF: 0.76

Indoor intake air	Indoor intake air	Indoor intake air	Indoor intake air	Outdoor intake air °C/°F D.B.																	
				20/68			25/77			30/86			35/95			40/104			45/115		
D.B.(°C)	D.B.(°F)	W.B.(°C)	W.B.(°F)	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.	CA	SHC	P.C.
20	68	16	61	41,580	27,443	3.42	40,320	26,611	3.61	39,060	25,780	3.82	37,380	24,671	4.10	35,700	23,562	4.40	34,020	22,453	4.76
20	68	18	64	44,520	24,041	3.48	43,260	23,360	3.67	41,790	22,567	3.93	40,320	21,773	4.21	39,060	21,092	4.53	36,540	19,732	4.87
20	68	20	68	47,880	20,110	3.59	46,830	19,669	3.76	45,570	19,139	4.01	43,680	18,346	4.31	42,000	17,640	4.61	39,480	16,582	4.95
22	72	16	61	41,580	30,769	3.42	40,320	29,837	3.61	39,060	28,904	3.82	37,380	27,661	4.10	35,700	26,418	4.40	34,020	25,175	4.76
22	72	18	64	44,520	27,602	3.48	43,260	26,821	3.67	41,790	25,910	3.93	40,320	24,998	4.21	39,060	24,217	4.53	36,540	22,655	4.87
22	72	20	68	47,880	23,940	3.59	46,830	23,415	3.76	45,570	22,785	4.01	43,680	21,840	4.31	42,000	21,000	4.61	39,480	19,740	4.95
24	75	16	61	41,580	34,096	3.42	40,320	33,062	3.61	39,060	32,029	3.82	37,380	30,652	4.10	35,700	29,274	4.40	34,020	27,896	4.76
24	75	18	64	44,520	31,164	3.48	43,260	30,282	3.67	41,790	29,253	3.93	40,320	28,224	4.21	39,060	27,342	4.53	36,540	25,578	4.87
24	75	20	68	47,880	27,770	3.59	46,830	27,161	3.76	45,570	26,431	4.01	43,680	25,334	4.31	42,000	24,360	4.61	39,480	22,898	4.95
24	75	22	72	51,030	23,474	3.67	49,980	22,991	3.89	48,720	22,411	4.14	47,040	21,638	4.40	45,360	20,866	4.74	42,840	19,706	5.04
26	79	16	61	41,580	37,422	3.42	40,320	36,288	3.61	39,060	35,154	3.82	37,380	33,642	4.10	35,700	32,130	4.40	34,020	30,618	4.76
26	79	18	64	44,520	34,726	3.48	43,260	33,743	3.67	41,790	32,596	3.93	40,320	31,450	4.21	39,060	30,467	4.53	36,540	28,501	4.87
26	79	20	68	47,880	31,601	3.59	46,830	30,908	3.76	45,570	30,076	4.01	43,680	28,829	4.31	42,000	27,720	4.61	39,480	26,057	4.95
26	79	22	72	51,030	27,556	3.67	49,980	26,989	3.89	48,720	26,309	4.14	47,040	25,402	4.40	45,360	24,494	4.74	42,840	23,134	5.04
27	81	16	61	41,580	39,085	3.42	40,320	37,901	3.61	39,060	36,716	3.82	37,380	35,137	4.10	35,700	33,558	4.40	34,020	31,979	4.76
27	81	18	64	44,520	36,506	3.48	43,260	35,473	3.67	41,790	34,268	3.93	40,320	33,062	4.21	39,060	32,029	4.53	36,540	29,963	4.87
27	81	20	68	47,880	33,516	3.59	46,830	32,781	3.76	45,570	31,899	4.01	43,680	30,576	4.31	42,000	29,400	4.61	39,480	27,636	4.95
27	81	22	72	51,030	29,597	3.67	49,980	28,988	3.89	48,720	28,258	4.14	47,040	27,283	4.40	45,360	26,309	4.74	42,840	24,847	5.04
28	82	16	61	41,580	40,748	3.42	40,320	39,514	3.61	39,060	38,279	3.82	37,380	36,632	4.10	35,700	34,986	4.40	34,020	33,340	4.76
28	82	18	64	44,520	38,287	3.48	43,260	37,204	3.67	41,790	35,939	3.93	40,320	34,675	4.21	39,060	33,592	4.53	36,540	31,424	4.87
28	82	20	68	47,880	35,431	3.59	46,830	34,654	3.76	45,570	33,722	4.01	43,680	32,323	4.31	42,000	31,080	4.61	39,480	29,215	4.95
28	82	22	72	51,030	31,639	3.67	49,980	30,988	3.89	48,720	30,206	4.14	47,040	29,165	4.40	45,360	28,123	4.74	42,840	26,561	5.04
30	86	16	61	41,580	41,580	3.42	40,320	40,320	3.61	39,060	39,060	3.82	37,380	37,380	4.10	35,700	35,700	4.40	34,020	34,020	4.76
30	86	18	64	44,520	41,849	3.48	43,260	40,664	3.67	41,790	39,283	3.93	40,320	37,901	4.21	39,060	36,716	4.53	36,540	34,348	4.87
30	86	20	68	47,880	39,262	3.59	46,830	38,401	3.76	45,570	37,367	4.01	43,680	35,818	4.31	42,000	34,440	4.61	39,480	32,374	4.95
30	86	22	72	51,030	35,721	3.67	49,980	34,986	3.89	48,720	34,104	4.14	47,040	32,928	4.40	45,360	31,752	4.74	42,840	29,988	5.04
32	90	16	61	41,580	41,580	3.42	40,320	40,320	3.61	39,060	39,060	3.82	37,380	37,380	4.10	35,700	35,700	4.40	34,020	34,020	4.76
32	90	18	64	44,520	44,520	3.48	43,260	43,260	3.67	41,790	41,790	3.93	40,320	40,320	4.21	39,060	39,060	4.53	36,540	36,540	4.87
32	90	20	68	47,880	43,092	3.59	46,830	42,147	3.76	45,570	41,013	4.01	43,680	39,312	4.31	42,000	37,800	4.61	39,480	35,532	4.95
32	90	22	72	51,030	39,803	3.67	49,980	38,984	3.89	48,720	38,002	4.14	47,040	36,691	4.40	45,360	35,381	4.74	42,840	33,415	5.04
34	93	16	61	41,580	41,580	3.42	40,320	40,320	3.61	39,060	39,060	3.82	37,380	37,380	4.10	35,700	35,700	4.40	34,020	34,020	4.76
34	93	18	64	44,520	44,520	3.48	43,260	43,260	3.67	41,790	41,790	3.93	40,320	40,320	4.21	39,060	39,060	4.53	36,540	36,540	4.87
34	93	20	68	47,880	46,922	3.59	46,830	45,893	3.76	45,570	44,659	4.01	43,680	42,806	4.31	42,000	41,160	4.61	39,480	38,690	4.95
34	93	22	72	51,030	43,886	3.67	49,980	42,983	3.89	48,720	41,899	4.14	47,040	40,454	4.40	45,360	39,010	4.74	42,840	36,842	5.04

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

8. PERFORMANCE CHART

8-2-2. HEATING CAPACITY
PUZ-HA·NHA5

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.																	
					-25/-13		-20/-4		-15/5		-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-A30BA6	32,000	3.44	16	60	26,880	6.36	30,080	6.31	33,280	6.26	33,280	5.88	33,280	5.40	33,280	4.41	33,280	3.33	36,480	3.66	40,320	3.89
			21	70	25,600	6.58	28,800	6.52	32,000	6.47	32,000	6.10	32,000	5.61	32,000	4.62	32,000	3.62	35,200	3.87	38,880	4.18
			27	80	24,320	6.79	27,520	6.74	30,720	6.68	30,720	6.31	30,720	5.83	30,720	4.84	30,720	3.87	33,920	4.16	37,600	4.52
PLA-A36BA6	38,000	3.23	16	60	31,920	5.97	35,720	5.92	39,520	5.87	39,520	5.52	39,520	5.07	39,520	4.14	39,520	3.13	43,320	3.43	47,880	3.65
			21	70	30,400	6.17	34,200	6.12	38,000	6.07	38,000	5.72	38,000	5.27	38,000	4.34	38,000	3.40	41,800	3.63	46,170	3.92
			27	80	28,880	6.38	32,680	6.33	36,480	6.28	36,480	5.92	36,480	5.47	36,480	4.54	36,480	3.63	40,280	3.90	44,650	4.24

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.																	
					-25/-13		-20/-4		-15/5		-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-A30KA6	32,000	2.93	16	60	26,880	5.42	30,080	5.37	33,280	5.33	33,280	5.01	33,280	4.60	33,280	3.76	33,280	2.84	36,480	3.11	40,320	3.31
			21	70	25,600	5.60	28,800	5.56	32,000	5.51	32,000	5.19	32,000	4.78	32,000	3.94	32,000	3.08	35,200	3.30	38,880	3.56
			27	80	24,320	5.78	27,520	5.74	30,720	5.69	30,720	5.37	30,720	4.96	30,720	4.12	30,720	3.30	33,920	3.54	37,600	3.85
PKA-A36KA6	38,000	3.41	16	60	31,920	6.31	35,720	6.25	39,520	6.20	39,520	5.83	39,520	5.35	39,520	4.37	39,520	3.30	43,320	3.62	47,880	3.86
			21	70	30,400	6.52	34,200	6.47	38,000	6.41	38,000	6.04	38,000	5.57	38,000	4.58	38,000	3.59	41,800	3.84	46,170	4.14
			27	80	28,880	6.73	32,680	6.68	36,480	6.63	36,480	6.25	36,480	5.78	36,480	4.80	36,480	3.84	40,280	4.12	44,650	4.48

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.																	
					-25/-13		-20/-4		-15/5		-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-A30KA6	32,000	2.99	16	60	26,880	5.53	30,080	5.48	33,280	5.44	33,280	5.11	33,280	4.69	33,280	3.83	33,280	2.90	36,480	3.18	40,320	3.38
			21	70	25,600	5.72	28,800	5.67	32,000	5.62	32,000	5.30	32,000	4.88	32,000	4.02	32,000	3.15	35,200	3.36	38,880	3.63
			27	80	24,320	5.90	27,520	5.86	30,720	5.81	30,720	5.48	30,720	5.07	30,720	4.21	30,720	3.36	33,920	3.61	37,600	3.93
PCA-A36KA6	38,000	3.27	16	60	31,920	6.05	35,720	6.00	39,520	5.95	39,520	5.59	39,520	5.13	39,520	4.19	39,520	3.17	43,320	3.48	47,880	3.70
			21	70	30,400	6.25	34,200	6.20	38,000	6.15	38,000	5.79	38,000	5.34	38,000	4.40	38,000	3.44	41,800	3.68	46,170	3.97
			27	80	28,880	6.45	32,680	6.40	36,480	6.35	36,480	6.00	36,480	5.54	36,480	4.60	36,480	3.68	40,280	3.95	44,650	4.29

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.																	
					-25/-13		-20/-4		-15/5		-10/14		-5/23		0/32		5/41		10/50		15/59	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-A30AA5	32,000	2.75	16	60	26,880	5.09	30,080	5.04	33,280	5.00	33,280	4.70	33,280	4.32	33,280	3.53	33,280	2.66	36,480	2.92	40,320	3.11
			21	70	25,600	5.26	28,800	5.21	32,000	5.17	32,000	4.87	32,000	4.49	32,000	3.70	32,000	2.89	35,200	3.09	38,880	3.34
			27	80	24,320	5.43	27,520	5.39	30,720	5.34	30,720	5.04	30,720	4.66	30,720	3.87	30,720	3.09	33,920	3.32	37,600	3.61
PEAD-A36AA5	38,000	3.15	16	60	31,920	5.83	35,720	5.78	39,520	5.73	39,520	5.39	39,520	4.94	39,520	4.04	39,520	3.05	43,320	3.35	47,880	3.56
			21	70	30,400	6.02	34,200	5.97	38,000	5.92	38,000	5.58	38,000	5.14	38,000	4.23	38,000	3.31	41,800	3.54	46,170	3.82
			27	80	28,880	6.22	32,680	6.17	36,480	6.12	36,480	5.78	36,480	5.34	36,480	4.43	36,480	3.54	40,280	3.81	44,650	4.14

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10		-5		0		5		10		15	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PVA-A30AA4	32,000	2.59	15	59	20,320	1.53	22,080	1.68	24,640	1.94	32,320	2.33	36,480	2.59	40,640	2.80
			20	68	19,520	1.66	21,120	1.81	23,360	2.10	31,200	2.51	35,200	2.80	39,200	3.00
			25	77	18,880	1.76	20,480	1.97	22,400	2.28	29,440	2.67	33,920	2.99	37,760	3.22
PVA-A36AA4	38,000	3.04	15	59	24,130	1.79	26,220	1.98	29,260	2.28	38,380	2.74	43,320	3.04	48,260	3.28
			20	68	23,180	1.95	25,080	2.13	27,740	2.46	37,050	2.95	41,800	3.28	46,550	3.53
			25	77	22,420	2.07	24,320	2.31	26,600	2.68	34,960	3.13	40,280	3.51	44,840	3.78

Note: CA : Capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

8. PERFORMANCE CHART

PUZ-HA42NKA

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10		-5		0		5		10		15	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-A42BA6	48,000	4.66	15	59	30,480	2.75	33,120	3.03	36,960	3.50	48,480	4.19	54,720	4.66	60,960	5.03
			20	68	29,280	2.98	31,680	3.26	35,040	3.77	46,800	4.52	52,800	5.03	58,800	5.41
			25	77	28,320	3.17	30,720	3.54	33,600	4.10	44,160	4.80	50,880	5.38	56,640	5.80

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10		-5		0		5		10		15	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-A42KA6	48,000	4.15	15	59	30,480	2.45	33,120	2.70	36,960	3.11	48,480	3.74	54,720	4.15	60,960	4.48
			20	68	29,280	2.66	31,680	2.91	35,040	3.36	46,800	4.03	52,800	4.48	58,800	4.81
			25	77	28,320	2.82	30,720	3.15	33,600	3.65	44,160	4.27	50,880	4.79	56,640	5.17

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10		-5		0		5		10		15	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-A42AA5	48,000	4.20	15	59	30,480	2.48	33,120	2.73	36,960	3.15	48,480	3.78	54,720	4.20	60,960	4.54
			20	68	29,280	2.69	31,680	2.94	35,040	3.40	46,800	4.07	52,800	4.54	58,800	4.87
			25	77	28,320	2.86	30,720	3.19	33,600	3.70	44,160	4.33	50,880	4.85	56,640	5.23

Model Name	Capacity Btu/h	Input kW	Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Outdoor intake air °C/°F W.B.											
					-10		-5		0		5		10		15	
					CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PVA-A42AA4	48,000	4.01	15	59	30,480	2.37	33,120	2.61	36,960	3.01	48,480	3.61	54,720	4.01	60,960	4.33
			20	68	29,280	2.57	31,680	2.81	35,040	3.25	46,800	3.89	52,800	4.33	58,800	4.65
			25	77	28,320	2.73	30,720	3.05	33,600	3.53	44,160	4.13	50,880	4.63	56,640	4.99

Note: CA : Capacity (Btu/h) SHC : Sensible heat capacity (Btu/h) P.C. : Power consumption (kW)
D.B. : Dry-bulb temperature W.B. : Wet-bulb temperature

Due to continuing improvement, above specification may be subject to change without notice.

9. CORRECTION FACTORS

9-1. INVERTER

9-1-1. PUZ-A series

■ COOLING CAPACITY CORRECTION FACTORS

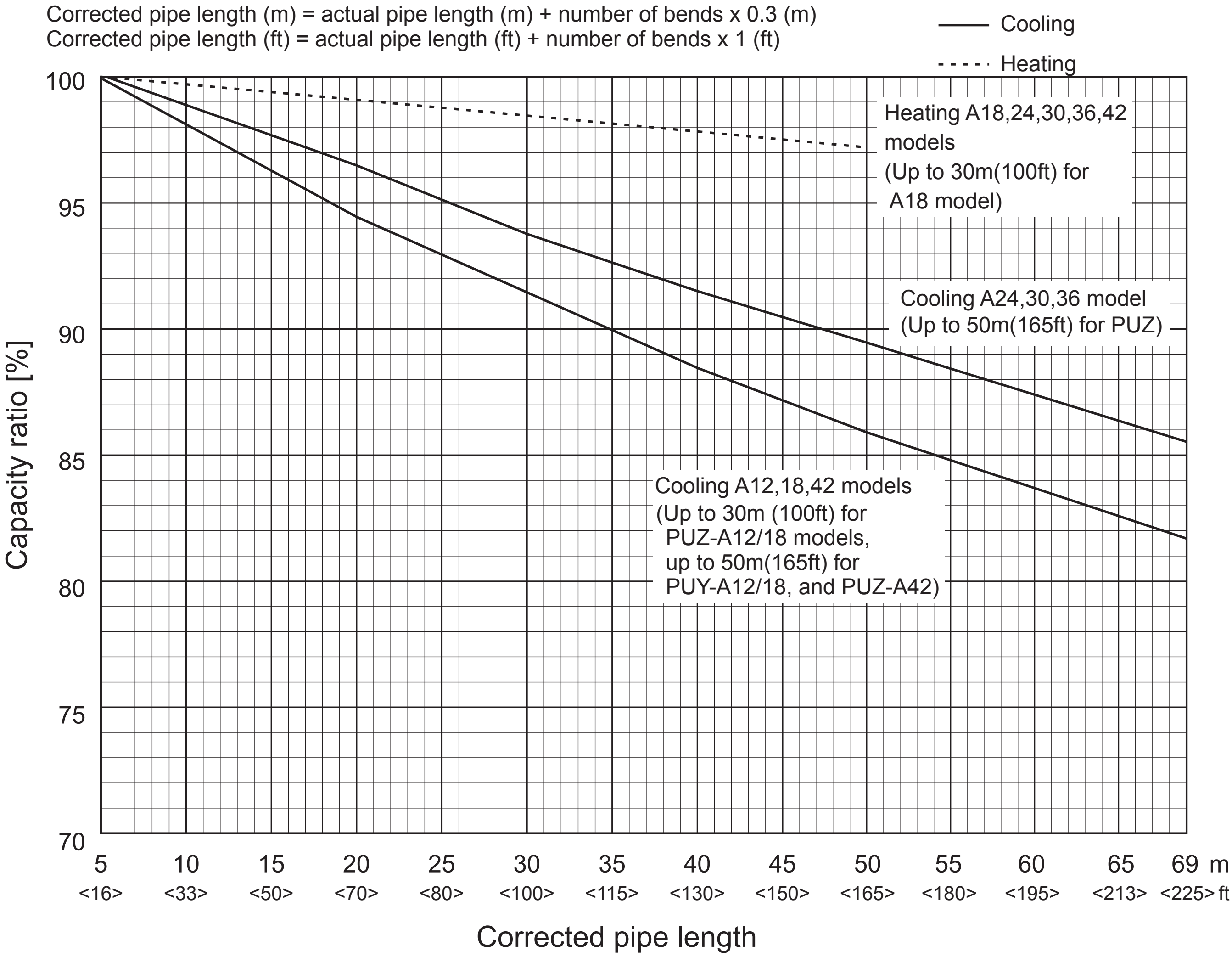
Outdoor unit	Refrigerant piping length (one way)					
	5m (16ft)	10m (33ft)	20m (70ft)	30m (100ft)	40m (130ft)	50m (165ft)
PUZ-A18	1.00	0.985	0.948	0.916	–	–
PUZ-A24/30/36	1.00	0.988	0.964	0.938	0.915	0.893
PUZ-A42	1.00	0.985	0.948	0.916	0.886	0.859

■ HEATING CAPACITY CORRECTION FACTORS

Outdoor unit	Refrigerant piping length (one way)					
	5m (16ft)	10m (33ft)	20m (70ft)	30m (100ft)	40m (130ft)	50m (165ft)
PUZ-A18	1.00	0.997	0.991	0.985	–	–
PUZ-A24/30/36	1.00	0.997	0.991	0.985	0.979	0.973
PUZ-A42	1.00	0.997	0.991	0.985	0.979	0.973

■ CAPACITY CORRECTION

Cooling and heating capacity is lowered according to pipe length. Capacity can be obtained by referring to the capacity curves below.
Corrected pipe length (m) = actual pipe length (m) + number of bends x 0.3 (m)
Corrected pipe length (ft) = actual pipe length (ft) + number of bends x 1 (ft)



9-1-2. PUY-A series

■ COOLING CAPACITY CORRECTION FACTORS

Outdoor unit	Refrigerant piping length (one way)							
	5m (16ft)	10m (33ft)	20m (70ft)	30m (100ft)	40m (130ft)	50m (165ft)	60m (195ft)	69m (225ft)
PUY-A12/18	1.00	0.985	0.948	0.916	0.886	0.859	–	–
PUY-A24/30/36	1.00	0.988	0.964	0.938	0.915	0.893	0.872	0.855
PUY-A42	1.00	0.985	0.948	0.916	0.886	0.859	0.838	0.818

9-1-3. ADDITION OF REFRIGERANT

- Additional charging is not necessary if the pipe length does not exceed 20 m(70 ft) for A12-A36 or 30 m(100 ft) for A42.
- If the pipe length exceeds the specified length above, charge the unit with additional R410A refrigerant according to the permitted pipe lengths in the chart below.
  - * When the unit is stopped, charge the unit with the additional refrigerant through the liquid stop valve after the pipe extensions and indoor unit have been vacuumized.
  - * When the unit is operating, add refrigerant to the gas check valve using a safety charger. Do not add liquid refrigerant directly to the check valve.
  - * After charging the unit with refrigerant, note the added refrigerant amount on the service label (attached to the unit).
- Be careful when installing multiple units. Connecting to an incorrect indoor unit can lead to abnormally high pressure and have a serious effect on operation performance.

■ PUZ-A series

Model	Max. pipe length	Max. height difference	Additional refrigerant charging amount (kg/oz)										
			20 m 70 ft	25 m 80 ft	27 m 90 ft	30 m 100 ft	33.5 m 110 ft	36.6 m 120 ft	40 m 130 ft	43 m 140 ft	45.5 m 150 ft	48.8 m 160 ft	50 m 165 ft
PUZ-A12/A18	30 m, 100 ft	30 m, 100 ft	0	0.06 kg 2 oz	0.11 kg 4 oz	0.17 kg 6 oz	–	–	–	–	–	–	–
PUZ-A24/A30/A36	50 m, 165 ft	30 m, 100 ft	0	0.17 kg 6 oz	0.34 kg 12 oz	0.51 kg 18 oz	0.68 kg 24 oz	0.85 kg 30 oz	1.02 kg 36 oz	1.19 kg 42 oz	1.36 kg 48 oz	1.53 kg 54 oz	1.70 kg 60 oz
PUZ-A42	50 m, 165 ft	30 m, 100 ft	0	0	0	0	0.17 kg 6 oz	0.34 kg 12 oz	0.51 kg 18 oz	0.68 kg 24 oz	0.85 kg 30 oz	1.02 kg 36 oz	1.19 kg 42 oz

■ PUY-A series

Model	Max pipe length	Max height difference	Additional refrigerant charging amount (kg/oz)																	
			20 m 70 ft	24 m 80 ft	27 m 90 ft	30 m 100 ft	34 m 110 ft	37 m 120 ft	40 m 130 ft	43 m 140 ft	46 m 150 ft	49 m 160 ft	50 m 165 ft	52 m 170 ft	55 m 180 ft	58 m 190 ft	61 m 200 ft	64 m 210 ft	67 m 220 ft	69 m 225 ft
PUY-A12/A18	50 m, 165 ft	30 m, 100 ft	0	0.03 kg 1 oz	0.06 kg 2 oz	0.09 kg 3 oz	0.11 kg 4 oz	0.14 kg 5 oz	0.17 kg 6 oz	0.20 kg 7 oz	0.23 kg 8 oz	0.26 kg 9 oz	0.28 kg 10 oz	–	–	–	–	–	–	–
PUY-A24/A30/A36	69 m, 225 ft	30 m, 100 ft	0	0.09 kg 3 oz	0.17 kg 6 oz	0.26 kg 9 oz	0.34 kg 12 oz	0.43 kg 15 oz	0.51 kg 18 oz	0.60 kg 21 oz	0.68 kg 24 oz	0.77 kg 27 oz	0.81 kg 28.5 oz	0.85 kg 30 oz	0.94 kg 33 oz	1.02 kg 36 oz	1.11 kg 39 oz	1.19 kg 42 oz	1.28 kg 45 oz	1.36 kg 48 oz
PUY-A42	69 m, 225 ft	30 m, 100 ft	0	0	0	0	0.09 kg 3 oz	0.17 kg 6 oz	0.26 kg 9 oz	0.34 kg 12 oz	0.43 kg 15 oz	0.51 kg 18 oz	0.55 kg 19.5 oz	0.60 kg 21 oz	0.68 kg 24 oz	0.77 kg 27 oz	0.85 kg 30 oz	0.94 kg 33 oz	1.02 kg 36 oz	1.11 kg 39 oz

9. CORRECTION FACTORS

9-2. HYPER HEATING INVERTER

9-2-1. COOLING CAPACITY CORRECTION FACTORS

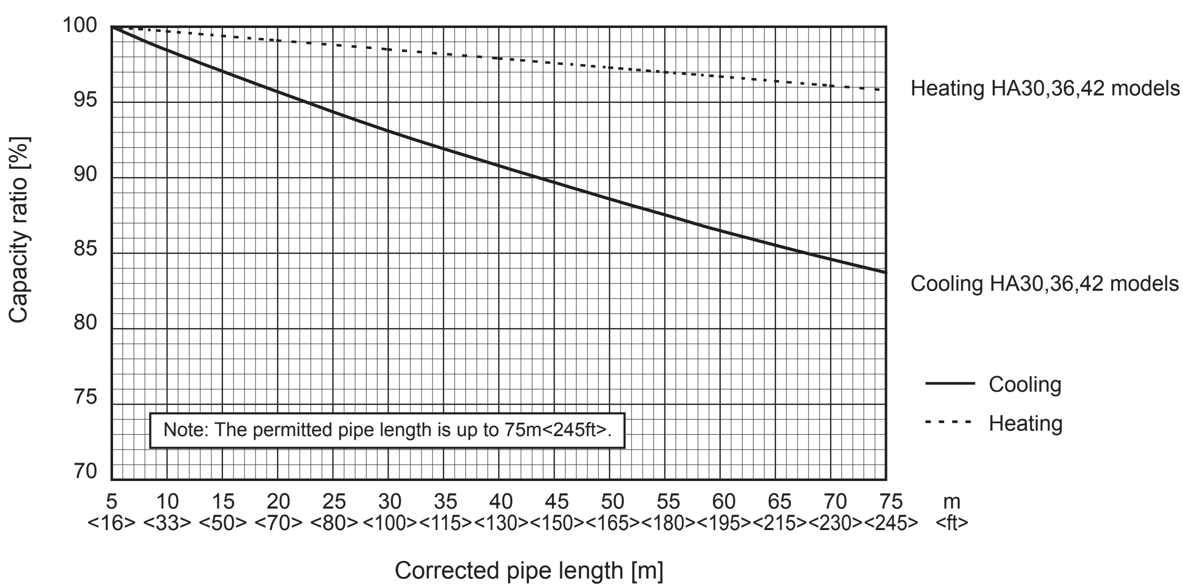
Outdoor unit	Refrigerant piping length (one way)									
	5m (16ft)	10m (33ft)	20m (70ft)	30m (100ft)	40m (130ft)	50m (165ft)	55m (180ft)	60m (195ft)	70m (230ft)	75m (245ft)
PUZ-HA30NHA5 PUZ-HA36NHA5 PUZ-HA42NKA	1.00	0.985	0.957	0.931	0.908	0.886	0.876	0.865	0.846	0.838

9-2-2. HEATING CAPACITY CORRECTION FACTORS

Outdoor unit	Refrigerant piping length (one way)									
	5m (16ft)	10m (33ft)	20m (70ft)	30m (100ft)	40m (130ft)	50m (165ft)	55m (180ft)	60m (195ft)	70m (230ft)	75m (245ft)
PUZ-HA30NHA5 PUZ-HA36NHA5 PUZ-HA42NKA	1.00	0.997	0.991	0.985	0.979	0.973	0.970	0.967	0.961	0.958

9-2-3. CAPACITY CORRECTION

Cooling and heating capacity is lowered according to pipe length. Capacity can be obtained by referring to the capacity curves below.
Corrected pipe length (m) = actual pipe length (m) + number of bends x 0.3 (m)
Corrected pipe length (ft) = actual pipe length (ft) + number of bends x 1 (ft)



When HAs pipe is one size larger than standard size, capacity can be obtained by referring to capacity curves of standard size.

9-2-4. ADDITION OF REFRIGERANT

- Additional charging is not necessary if the pipe length does not exceed 30 m (100 ft).
- If the pipe length exceeds the specified length above, charge the unit with additional R410A refrigerant according to the permitted pipe lengths in the chart below.
  - * When the unit is stopped, charge the unit with the additional refrigerant through the liquid stop valve after the pipe extensions and indoor unit have been vacuumized.
  - * When the unit is operating, add refrigerant to the gas check valve using a safety charger. Do not add liquid refrigerant directly to the check valve.
  - * After charging the unit with refrigerant, note the added refrigerant amount on the service label (attached to the unit).
- Be careful when installing multiple units. Connecting to an incorrect indoor unit can lead to abnormally high pressure and have a serious effect on operation performance.

Model	Max. pipe length	Max. height difference	Additional refrigerant charging amount															
			30 m 100 ft	33 m 110 ft	37 m 120 ft	40 m 130 ft	43 m 140 ft	46 m 150 ft	49 m 160 ft	52 m 170 ft	55 m 180 ft	58 m 190 ft	61 m 200 ft	64 m 210 ft	67 m 220 ft	70 m 230 ft	73 m 240 ft	75 m 245 ft
HA30, HA36, HA42	75 m 245 ft	30 m 100 ft	0 oz 0 kg	6 oz 0.2 kg	12 oz 0.4 kg	18 oz 0.5 kg	24 oz 0.7 kg	30 oz 0.9 kg	36 oz 1.0 kg	42 oz 1.2 kg	48 oz 1.4 kg	54 oz 1.5 kg	60 oz 1.7 kg	66 oz 1.9 kg	72 oz 2.0 kg	78 oz 2.2 kg	84 oz 2.3 kg	86 oz 2.4 kg

10. AIR FLOW DATA

10-1. OUTLET AIR SPEED AND COVERAGE RANGE

	PLA-A12BA6	PLA-A18BA6	PLA-A24BA6	PLA-A30BA6	PLA-A36BA6	PLA-A42BA6
Air flow CFM	530	640	640	740	1060	1090
Air speed ft/sec.(m/sec.)	8.5(2.6)	10.5(3.2)	10.5(3.2)	12.1(3.7)	17.4(5.3)	17.7(5.4)
Coverage range ft(m)	13(4.1)	15(4.8)	15(4.8)	18(5.6)	26(8.0)	26(8.2)

	PKA-A12HA6	PKA-A18HA6
Air flow CFM	425	425
Air speed ft/sec.(m/sec.)	20.0(6.1)	20.0(6.1)
Coverage range ft(m)	35(10.8)	35(10.8)

	PKA-A24KA6	PKA-A30KA6	PKA-A36KA6
Air flow CFM	775	775	920
Air speed ft/sec.(m/sec.)	19.7(6.0)	19.7(6.0)	22.3(6.8)
Coverage range ft(m)	47(14.3)	47(14.3)	53(16.1)

	PCA-A24KA6	PCA-A30KA6	PCA-A36KA6	PCA-A42KA6
Air flow CFM	670	705	990	1025
Air speed ft/sec.(m/sec.)	10.2(3.1)	10.5(3.2)	11.8(3.6)	12.1(3.7)
Coverage range ft(m)	32(9.6)	33(10.1)	41(12.5)	42(12.9)

The air coverage range is the distance to which the 0.8 ft/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.

10-2. PLA-A·BA6

10-2-1 FRESH AIR INTAKE AND BRANCH DUCT

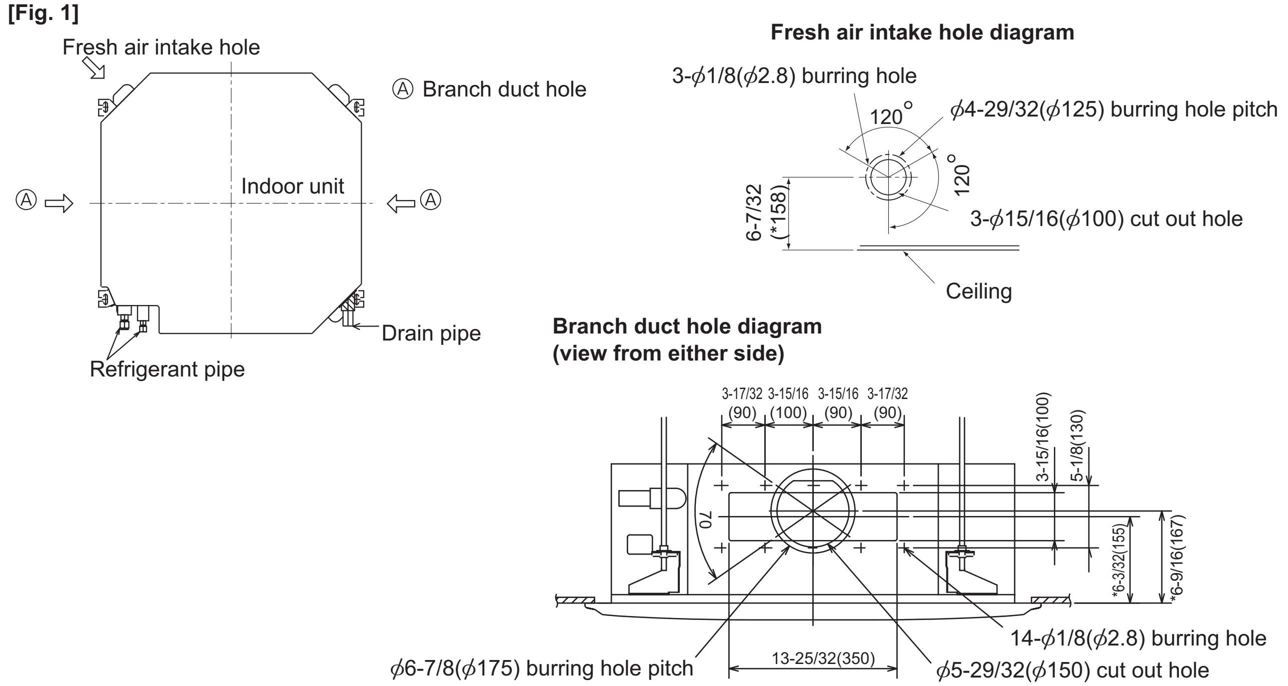
1. Branch duct hole and fresh air intake hole (Fig. 1)

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

Note:
The figure marked with * in the drawing represent the dimensions of the main unit excluding those of the optional multi function casement.
When installing the optional multi function casement, add 5-5/16 to the dimensions marked on the figure.
When installing the branch ducts, be sure to insulate adequately.
Otherwise condensation and dripping may occur.

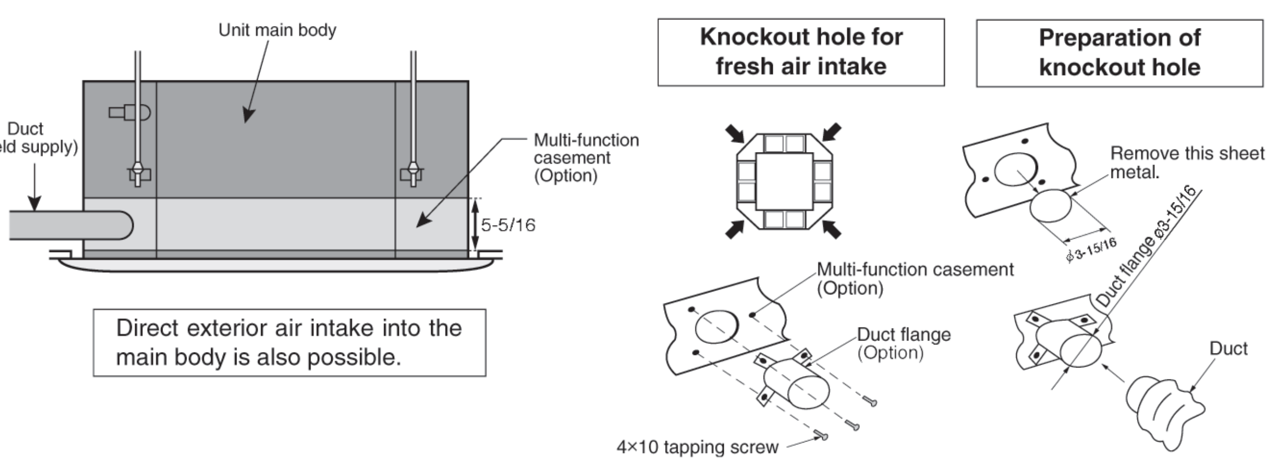
Unit : inch(mm)

[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 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 5-5/16(135mm).)

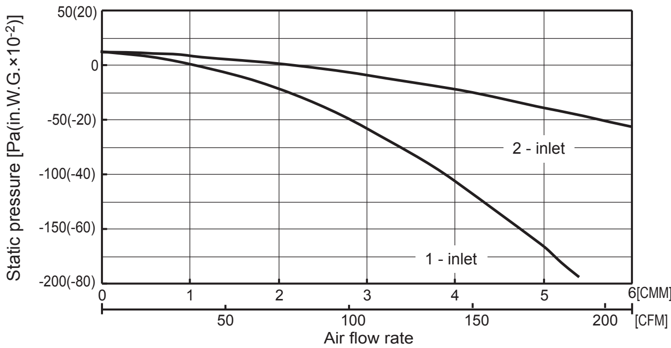


Due to continuing improvement, above specification may be subject to change without notice.

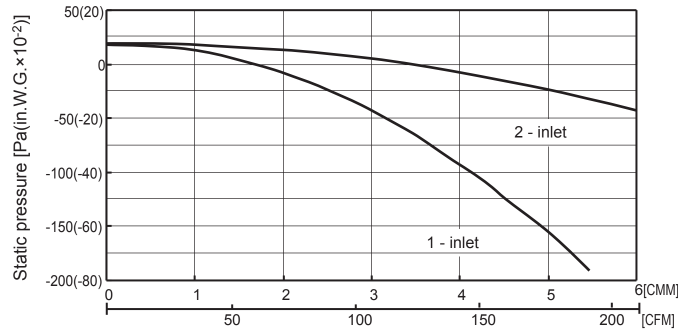
3. Fresh air intake amount & static pressure characteristics

1 PLA-A12 · A18 · A24 · A30BA6

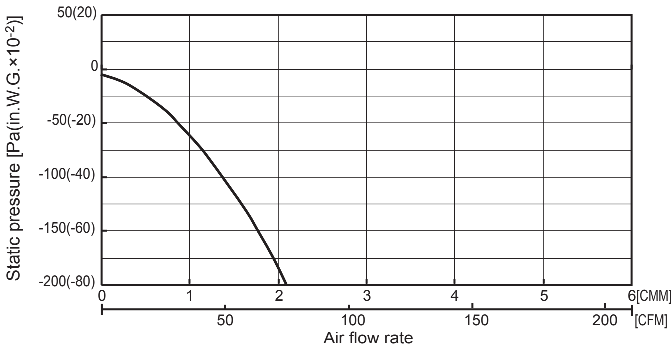
Multifunction casement + High efficiency filter



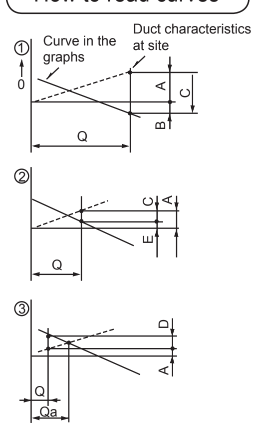
Multifunction casement + Standard filter



Taking air into the unit



How to read curves



Q···Designed amount of fresh air intake <CMM(CFM)>

A···Static pressure loss of fresh air intake duct system with air flow amount Q <Pa(in.W.G.×10-2)>

B···Forced static pressure at air conditioner inlet with air flow amount Q <Pa(in.W.G.×10-2)>

C···Static pressure of booster fan with air flow amount Q <Pa(in.W.G.×10-2)>

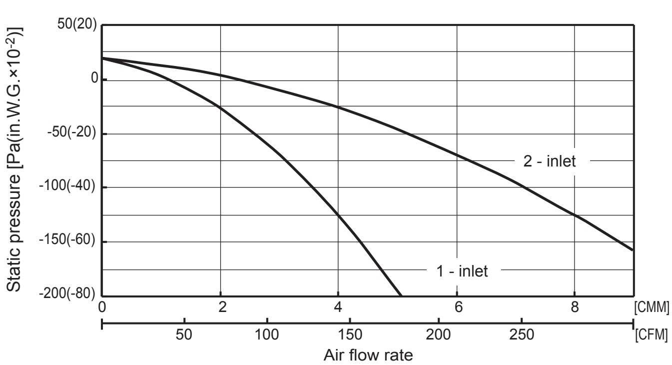
D···Static pressure loss increase amount of fresh air intake dust system for air flow amount Q <Pa(in.W.G.×10-2)>

E···Static pressure of indoor unit with air flow amount Q <Pa(in.W.G.×10-2)>

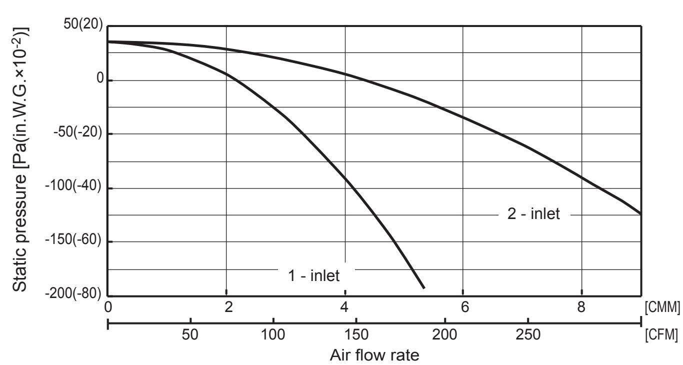
Qa···Estimated amount of fresh air intake without D <CMM(CFM)>

2 PLA-A36 · A42BA6

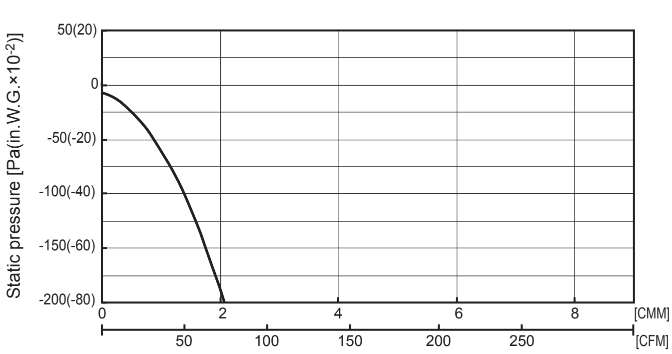
Multifunction casement + Standard filter



Multifunction casement + High efficiency filter



Taking air into the unit

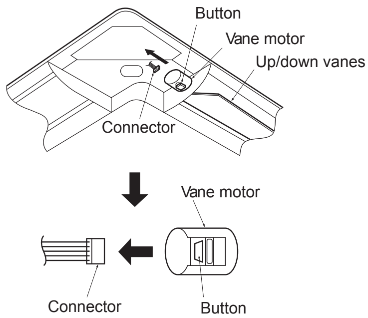


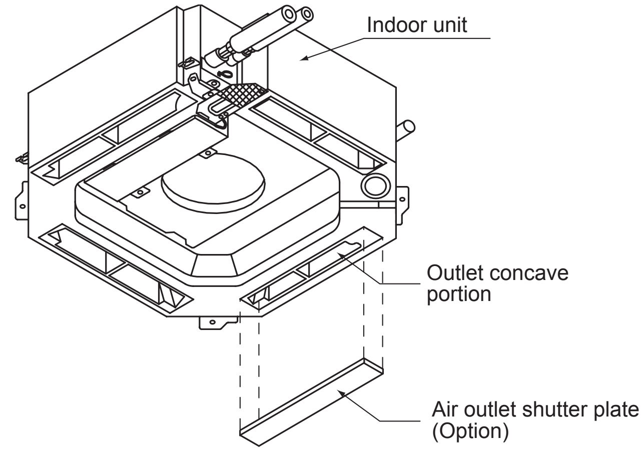
Due to continuing improvement, above specification may be subject to change without notice.

4. Change of outlet numbers

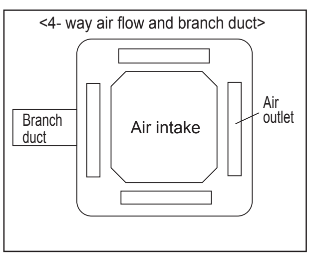
The optional air outlet is necessary.
To change the air outlet number to 3-, or 2-way outlet, the outlet number should be closed with the operational air outlet shutter.

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

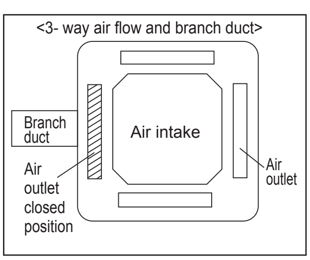




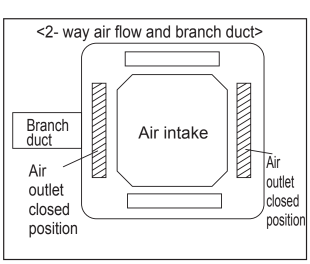
5. Branch duct and change of outlet numbers



※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.

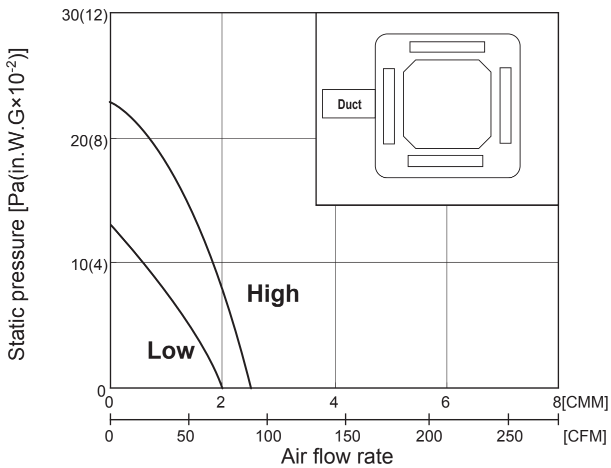


※The outlet on the side of branch duct and one of the other outlets are closed.
Air flows in 2 directions.

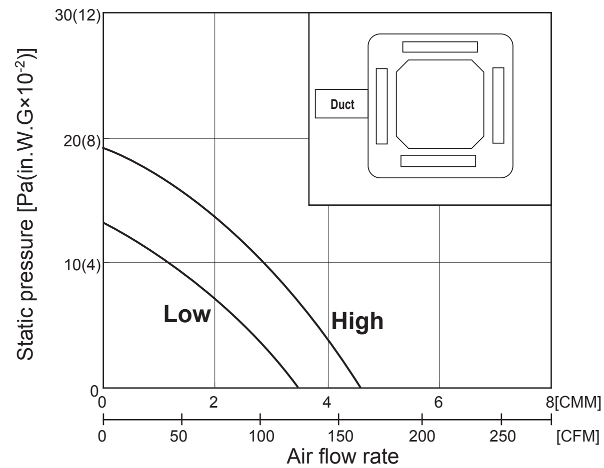
Due to continuing improvement, above specification may be subject to change without notice.

PLA-A30BA6

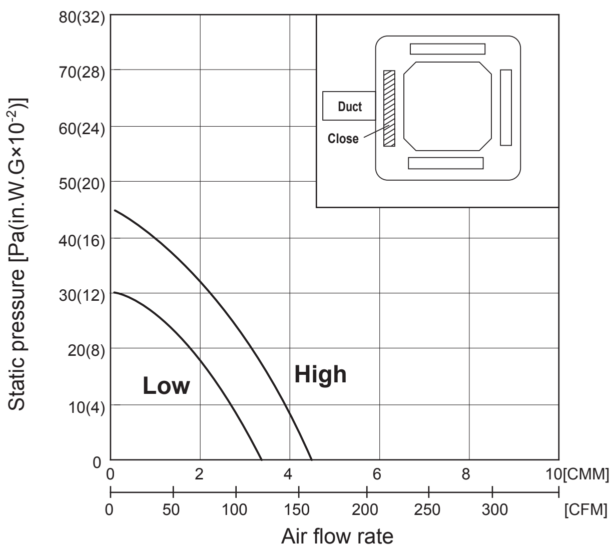
●4-way air flow (horizontal vane) Round duct



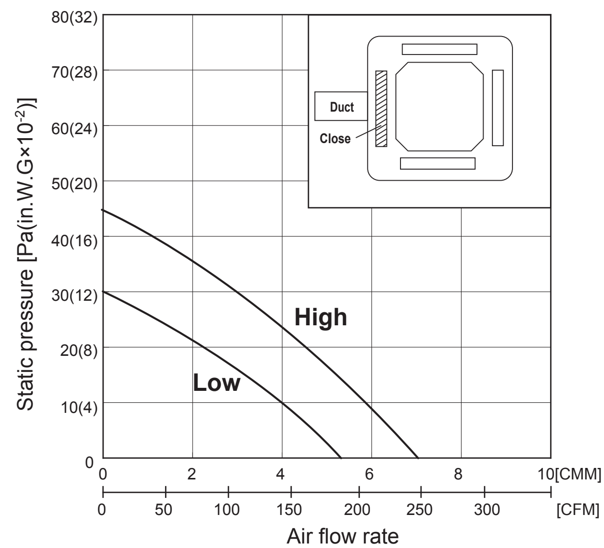
●4-way air flow (horizontal vane) Rectangular duct



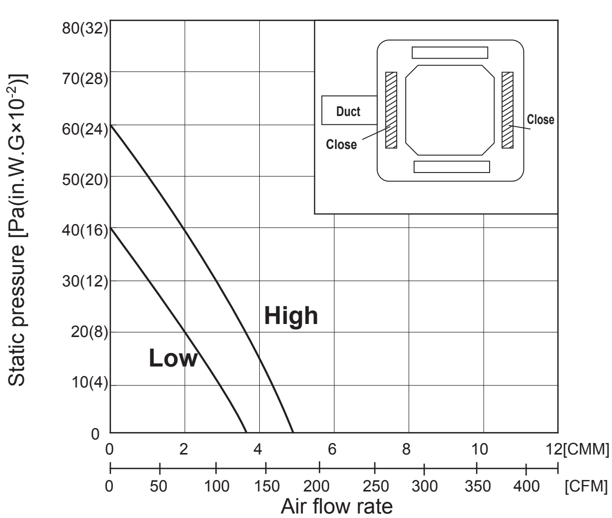
●3-way air flow (horizontal vane) Round duct



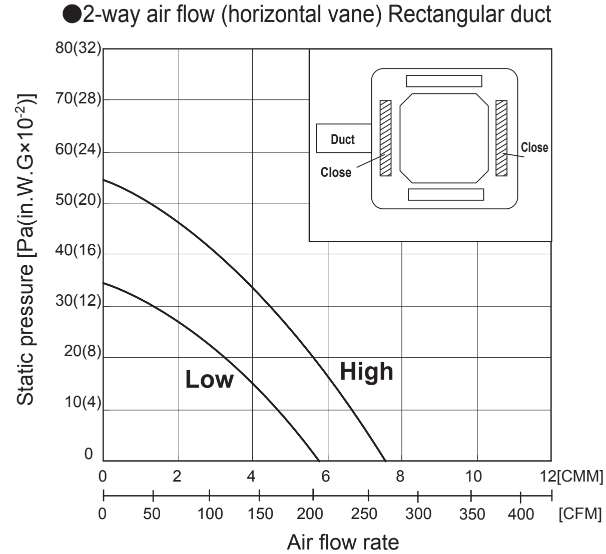
●3-way air flow (horizontal vane) Rectangular duct



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



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

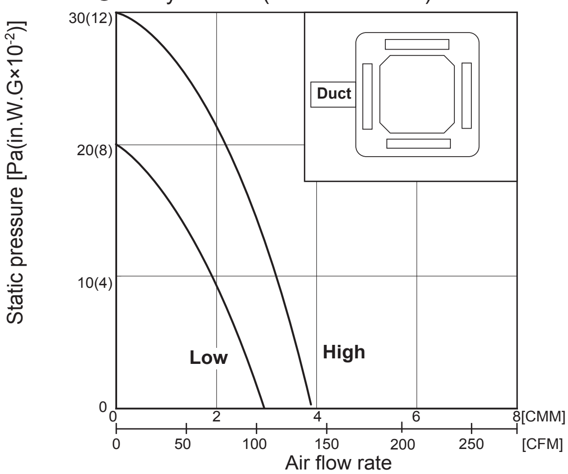


• Use 1 of the 2 duct holes on the indoor unit.
• Air flow rate of PLA-A12~24BA6 can be calculated from the air flow rate based on the characteristic of the duct for PLA-A30BA6.
• Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

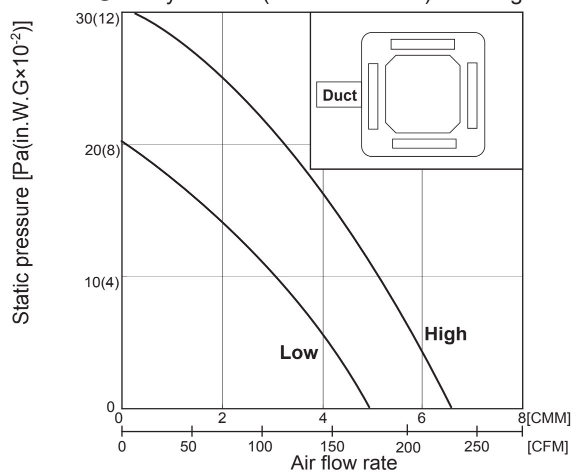
Due to continuing improvement, above specification may be subject to change without notice.

PLA-A42BA6

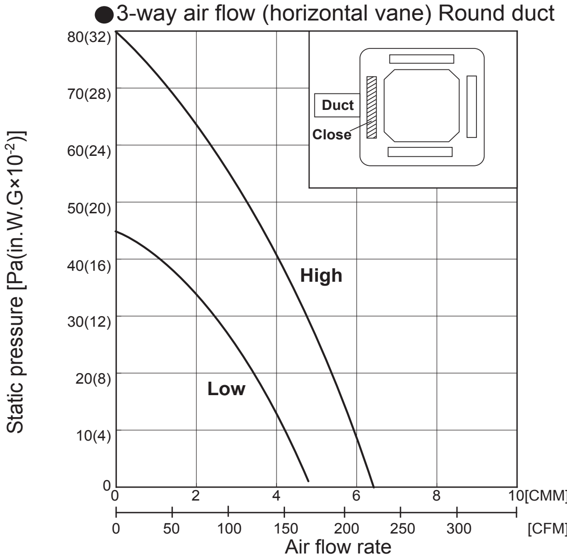
●4-way air flow (horizontal vane) Round duct



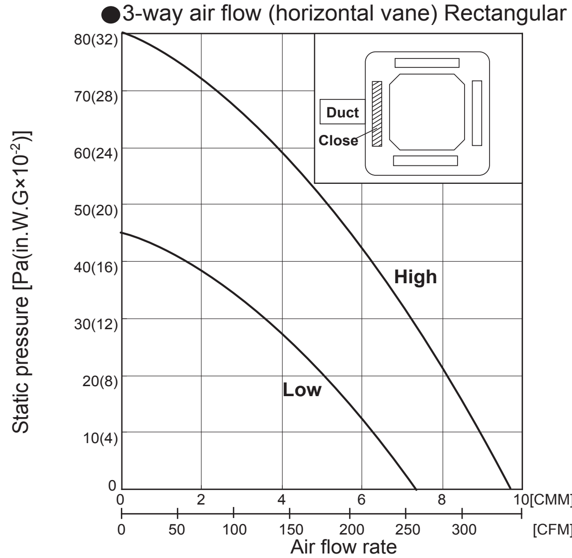
●4-way air flow (horizontal vane) Rectangular duct



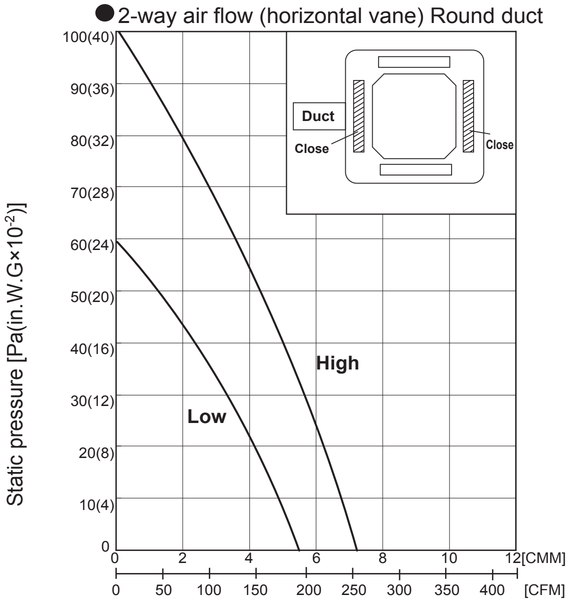
●3-way air flow (horizontal vane) Round duct



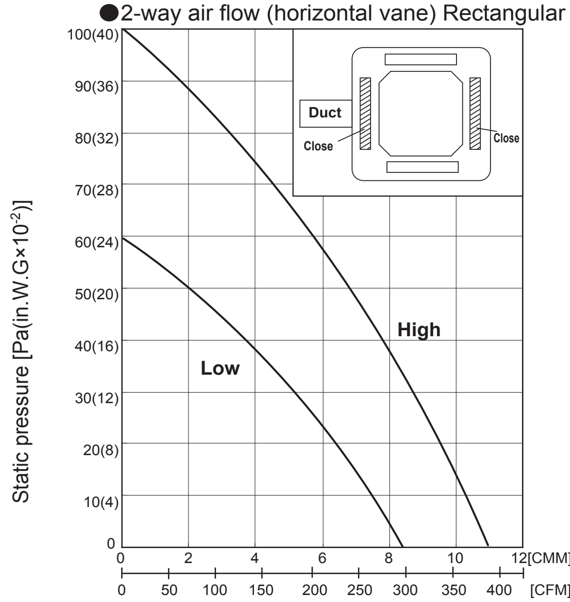
●3-way air flow (horizontal vane) Rectangular duct



●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-A36BA6 can be calculated from the air flow rate based on the characteristic of the duct for PLA-A42BA6.
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

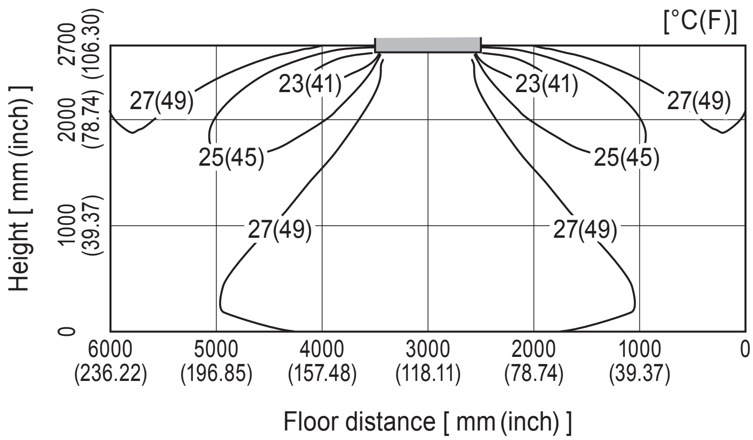
Due to continuing improvement, above specification may be subject to change without notice.

10-2-2 TEMPERATURE AND AIR FLOW DISTRIBUTIONS
PLA-A12BA6

Temperature distribution

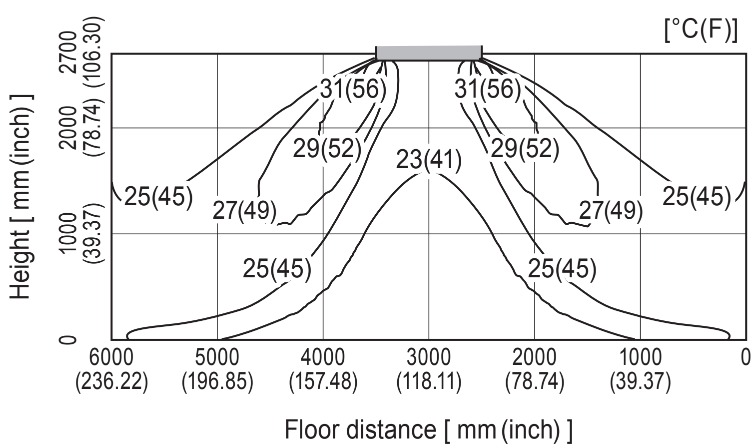
<Cooling mode>

Air volume: high
Air direction: auto (upward air flow)



<Heating mode>

Air volume: high
Air direction: auto (downward air flow)

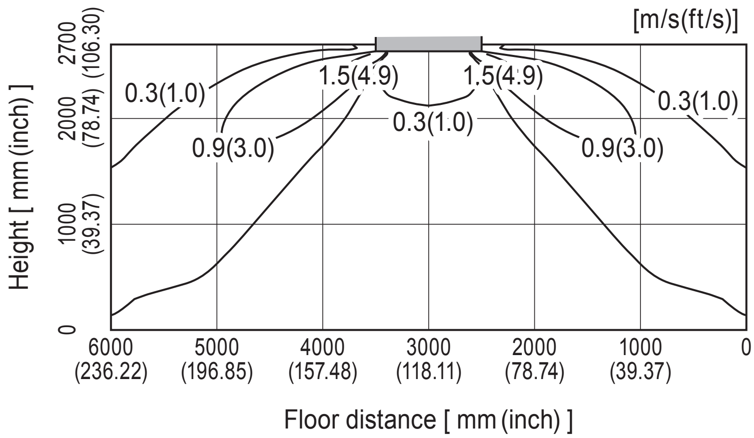


Due to continuing improvement, above specification may be subject to change without notice.

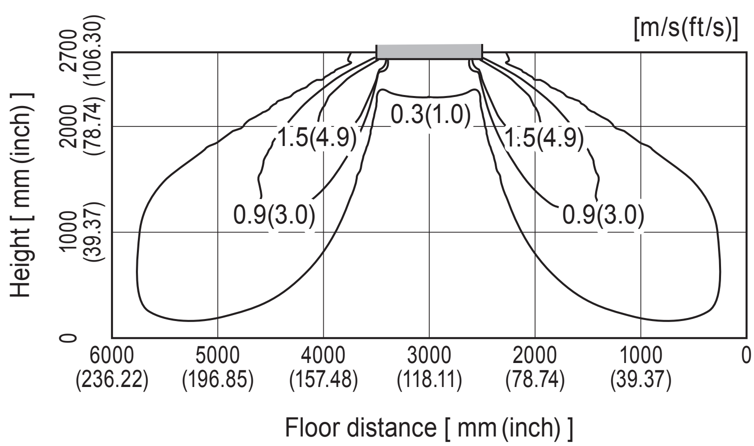
PLA-A12BA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



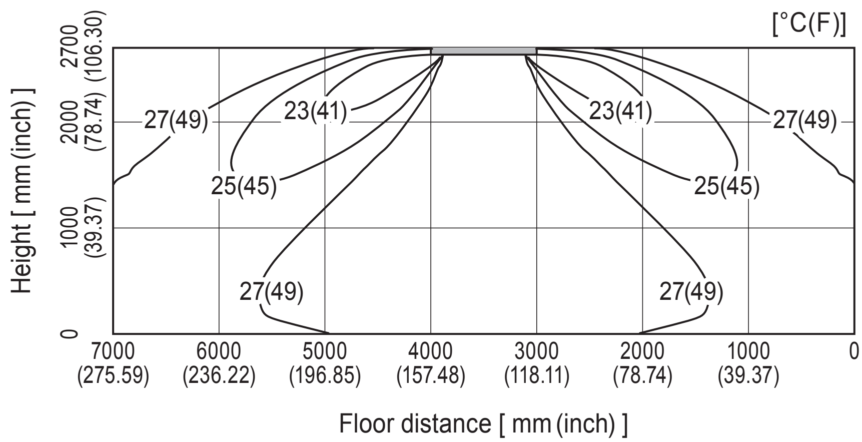
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

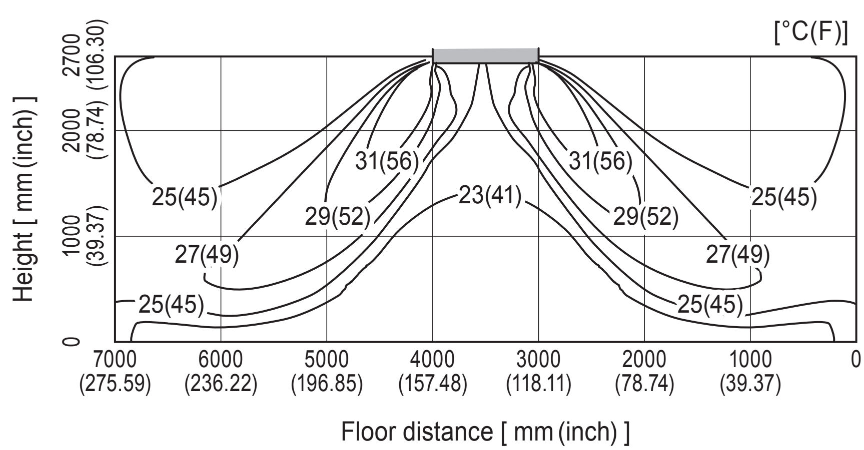
PLA-A18BA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



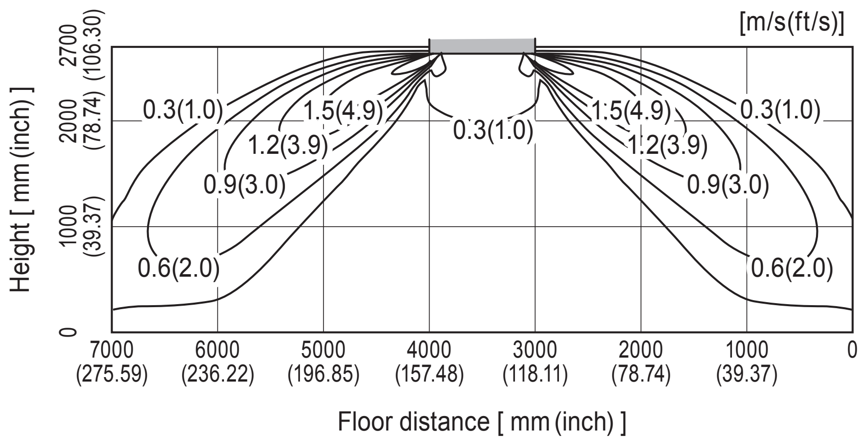
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

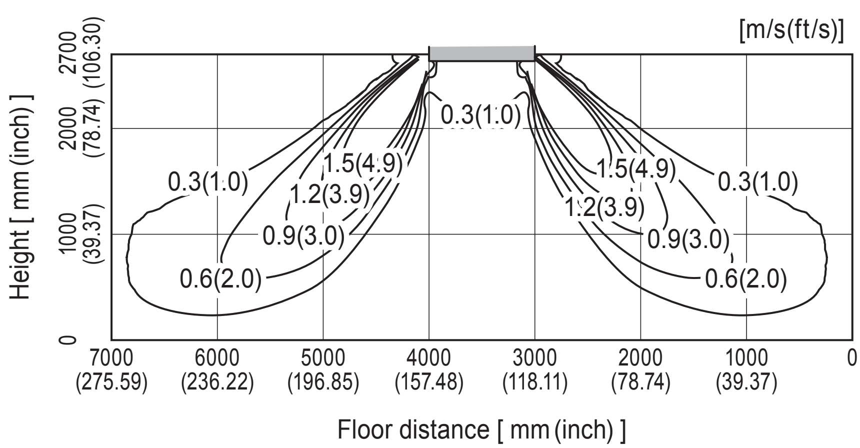
PLA-A18BA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



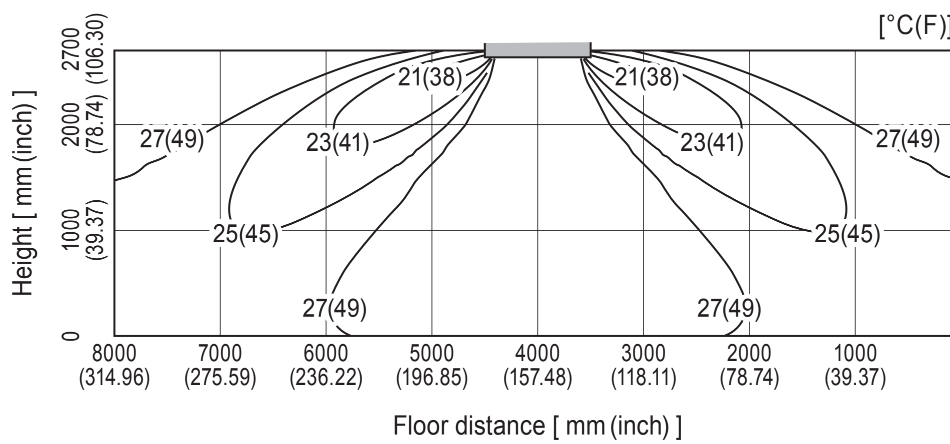
<Heating mode> Air volume: high
Air direction: auto (downward air flow)



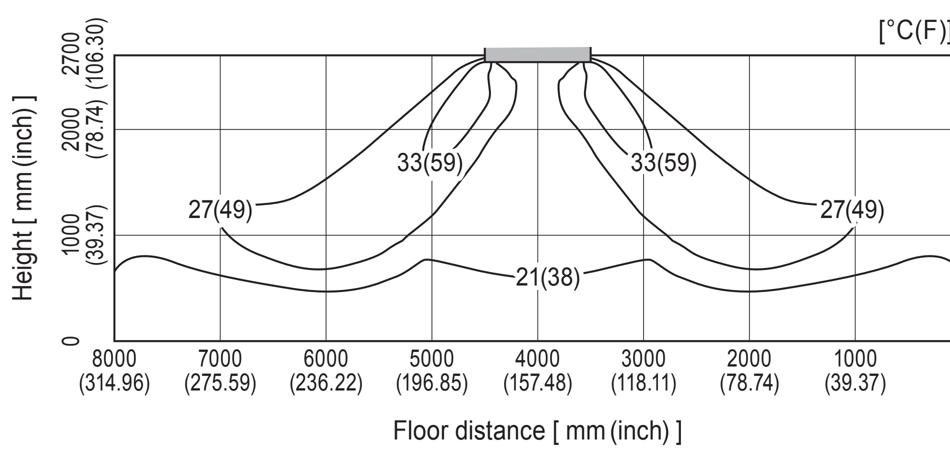
PLA-A24BA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

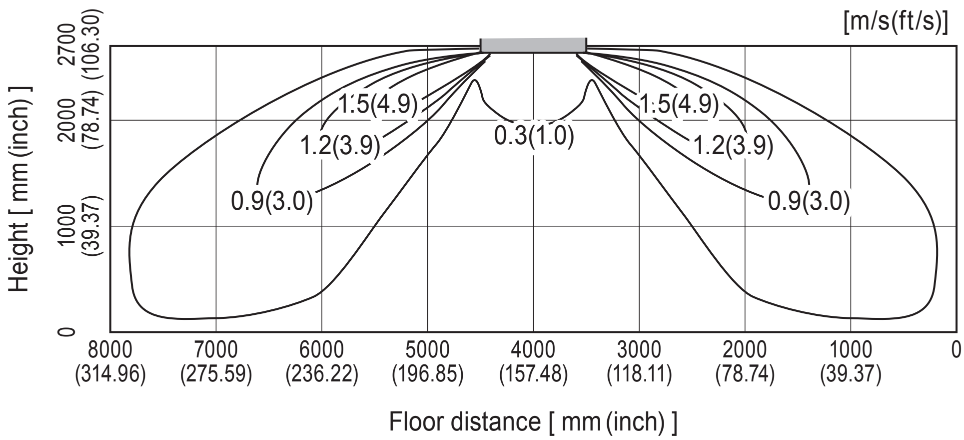


10. AIR FLOW DATA

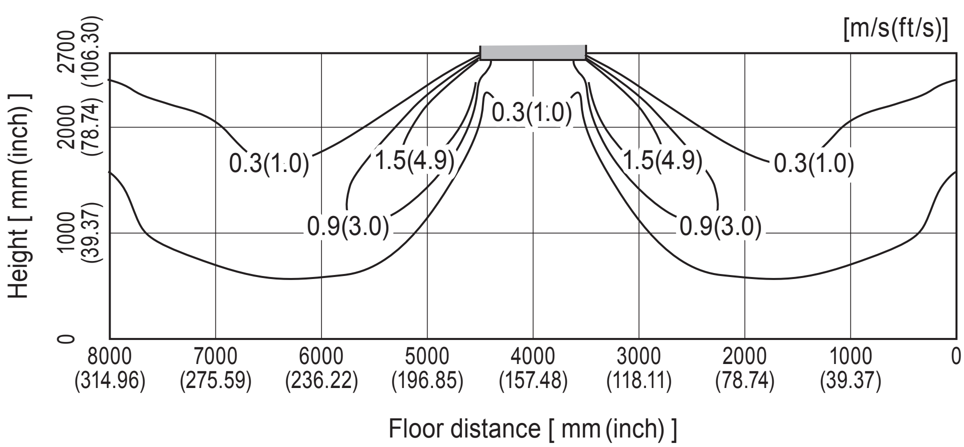
PLA-A24BA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

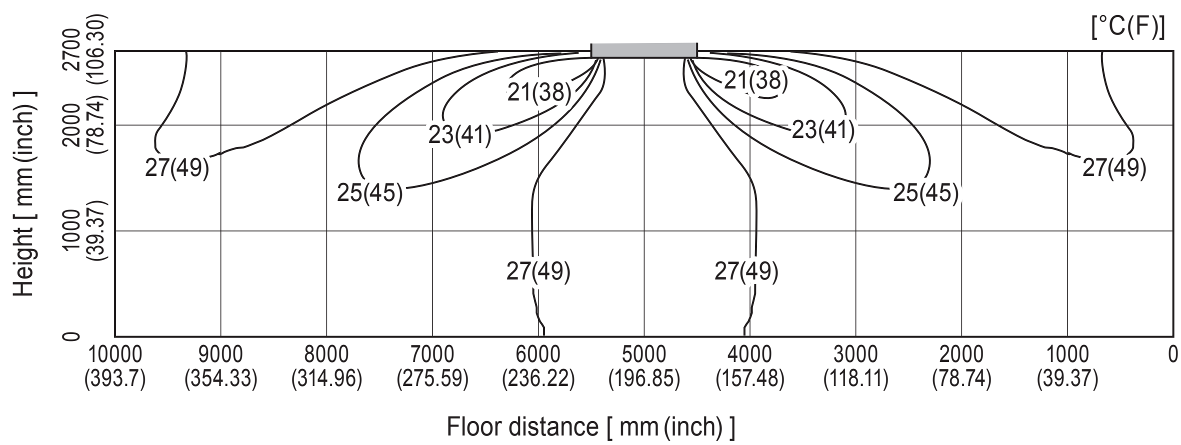


10. AIR FLOW DATA

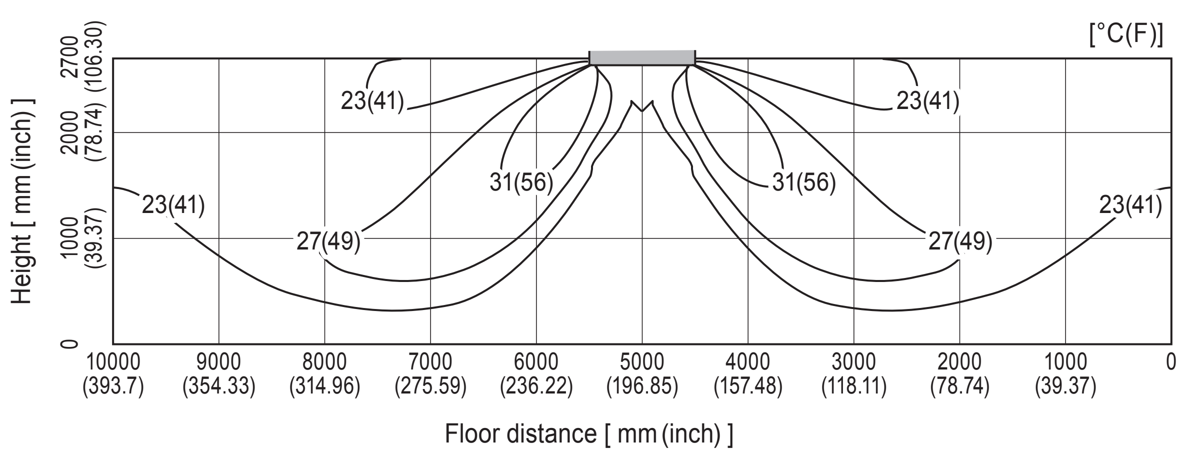
PLA-A30BA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

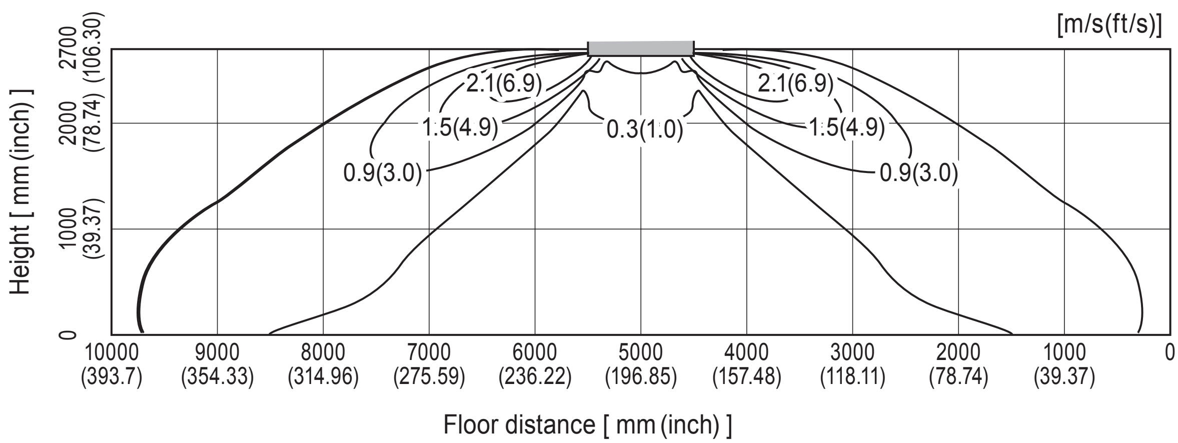


Due to continuing improvement, above specification may be subject to change without notice.

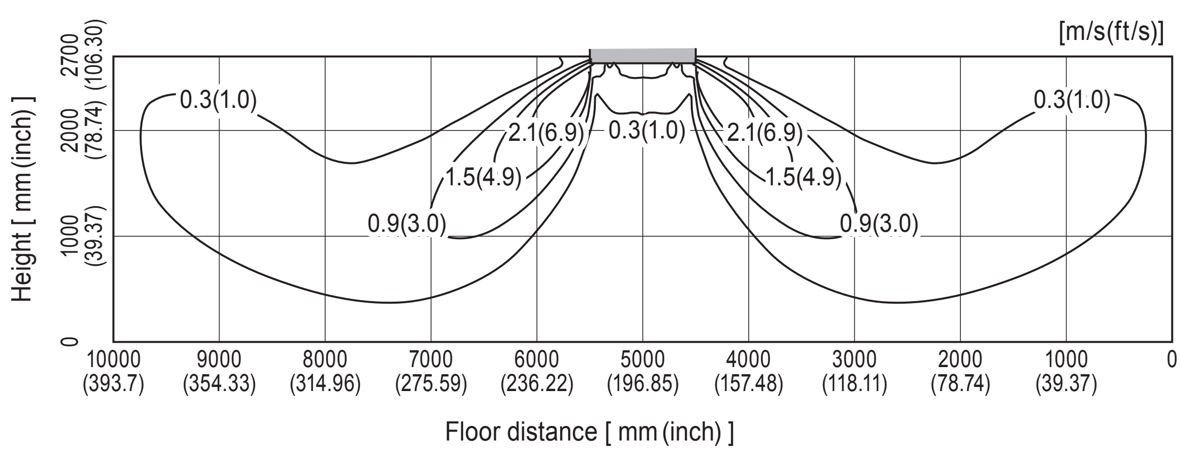
PLA-A30BA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



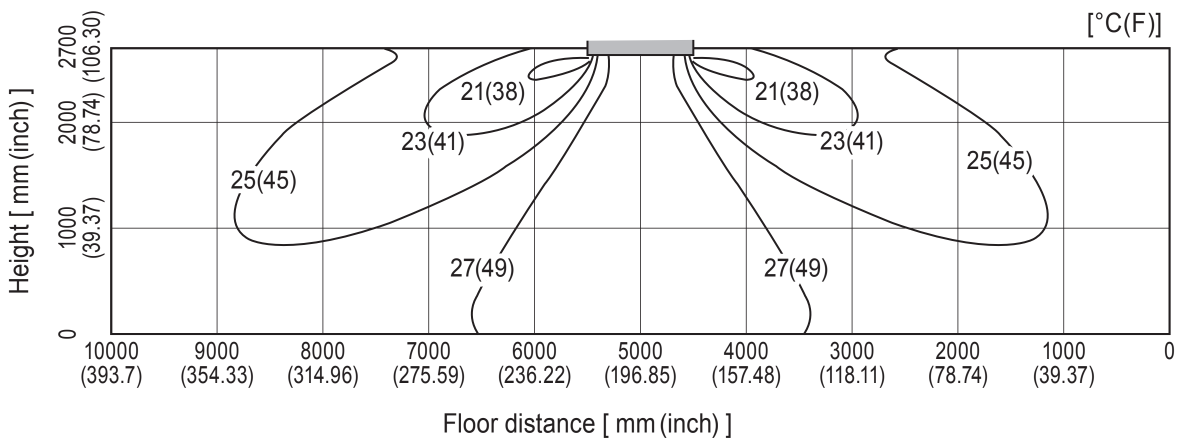
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

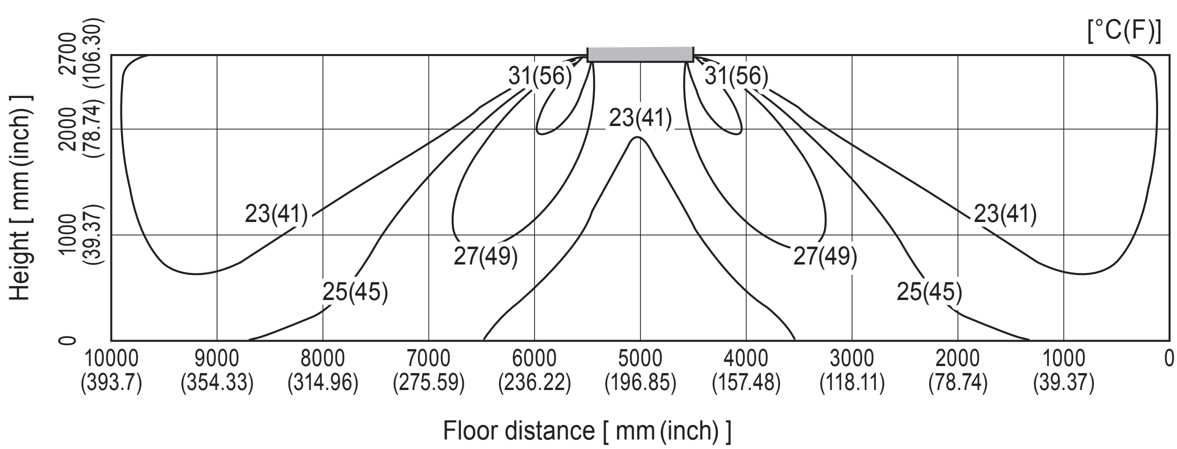
PLA-A36BA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

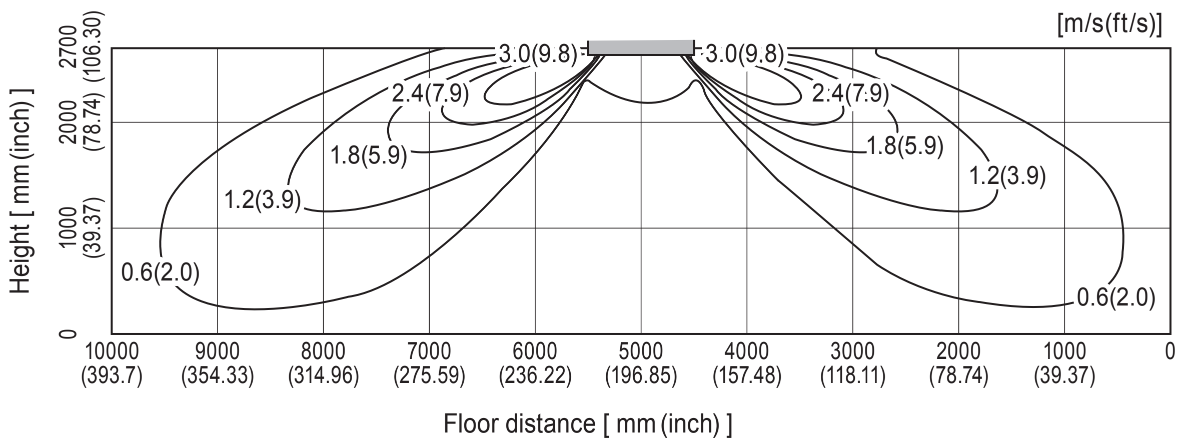


Due to continuing improvement, above specification may be subject to change without notice.

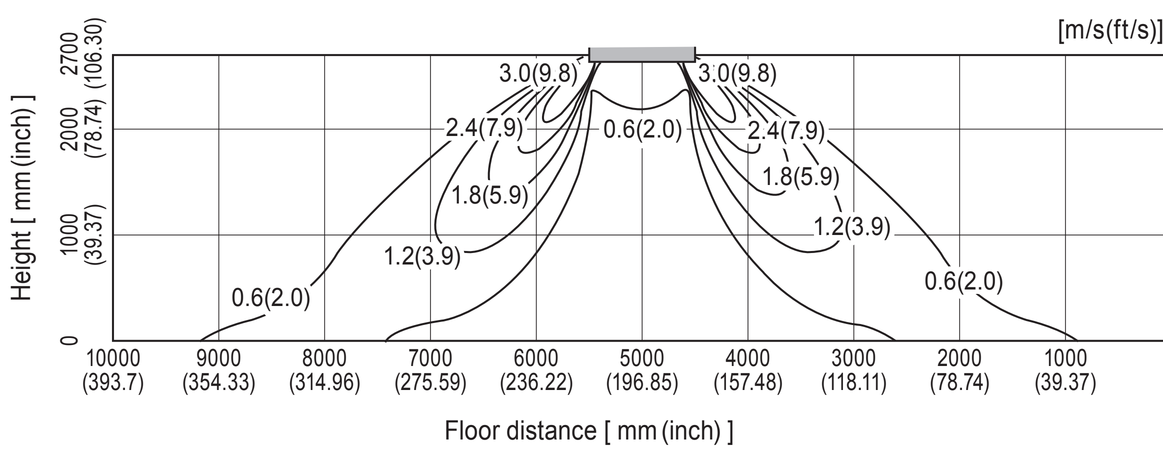
PLA-A36BA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

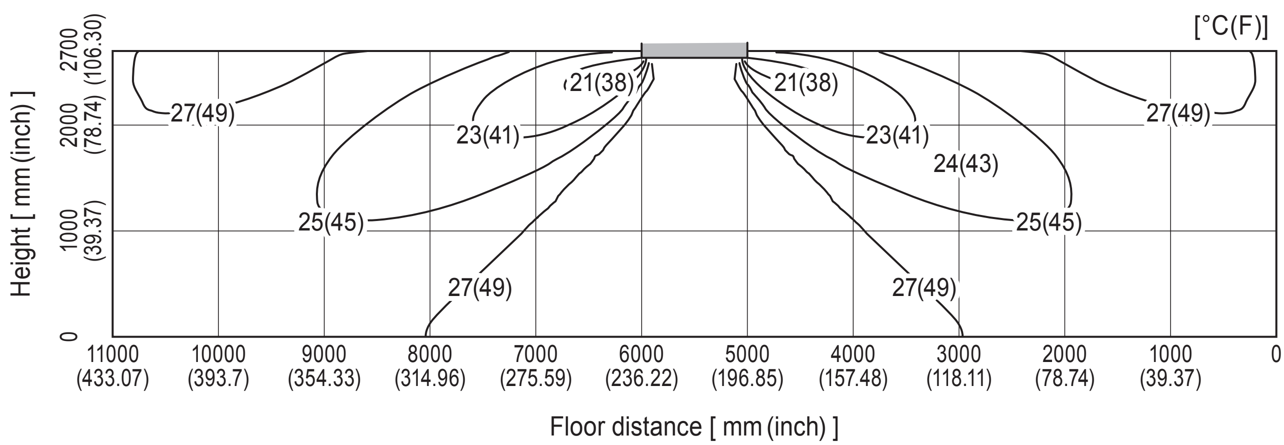


Due to continuing improvement, above specification may be subject to change without notice.

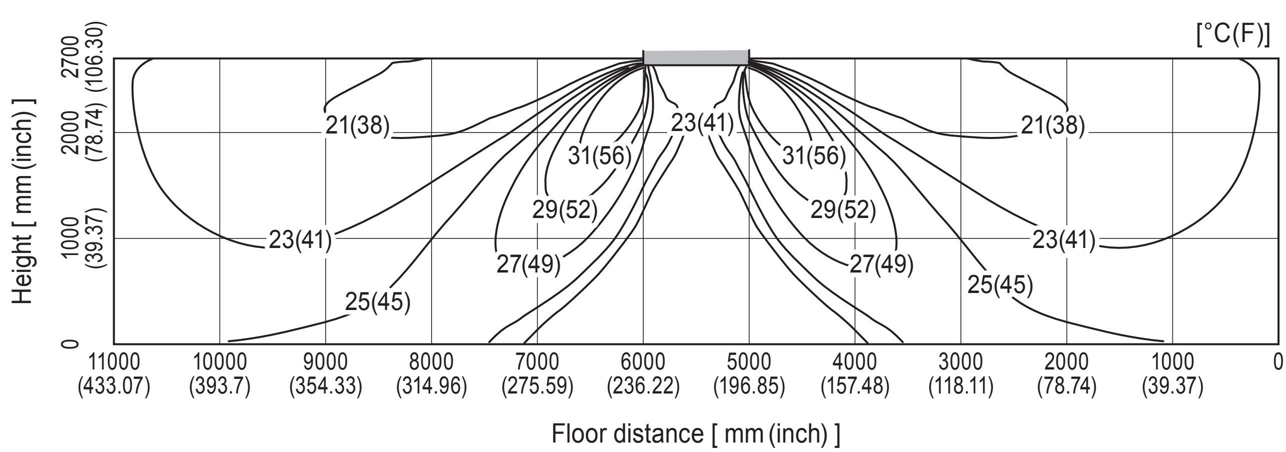
PLA-A42BA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

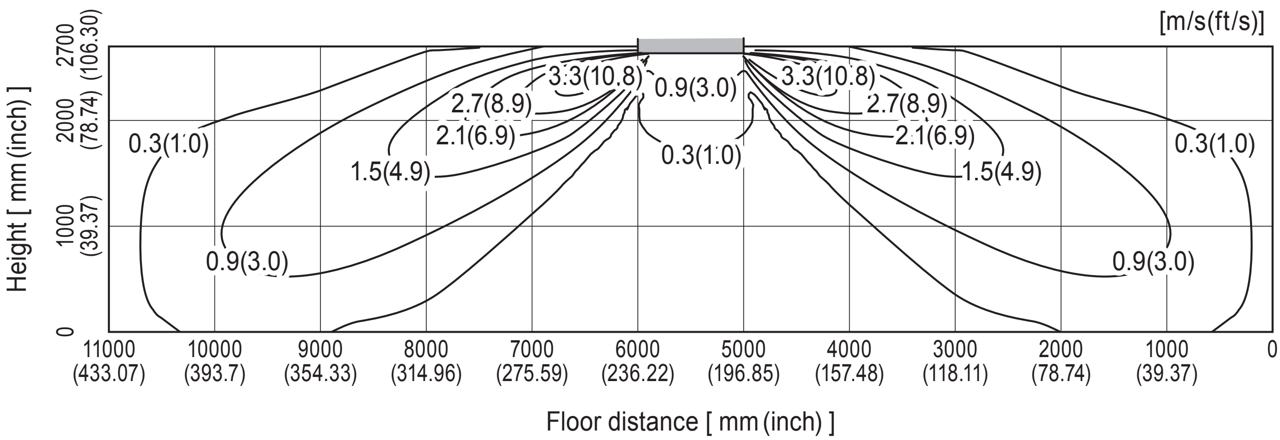


Due to continuing improvement, above specification may be subject to change without notice.

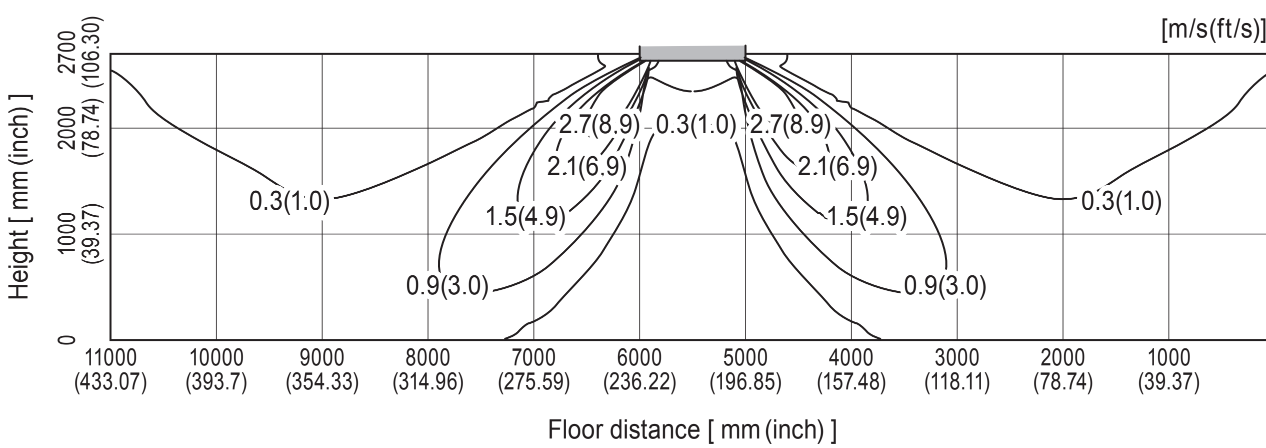
PLA-A42BA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

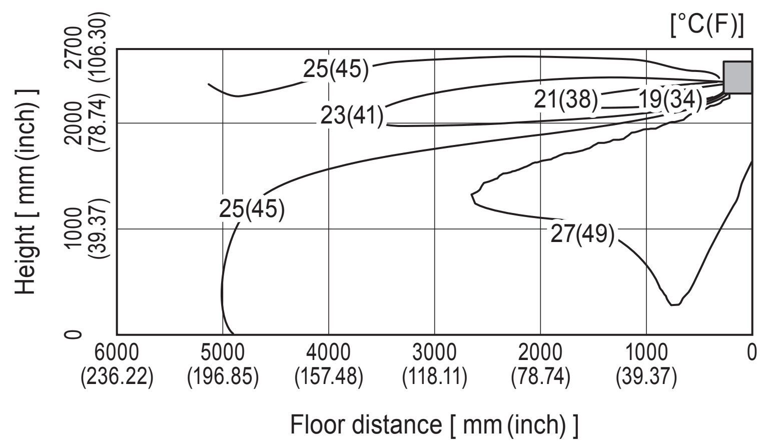
10-3. PKA-A-HA6

10-3-1. TEMPERATURE AND AIR FLOW DISTRIBUTIONS

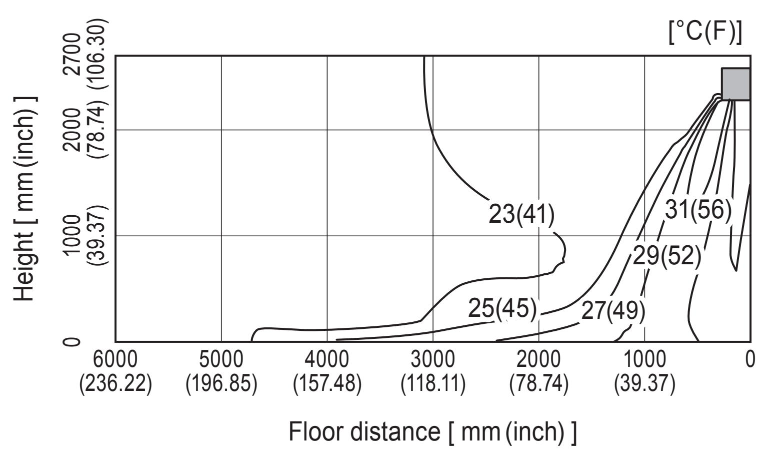
PKA-A12HA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



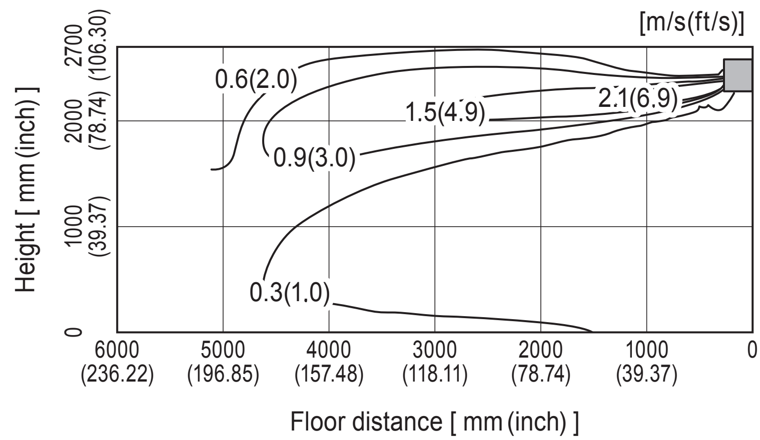
Due to continuing improvement, above specification may be subject to change without notice.

PKA-A12HA6

Airflow distribution

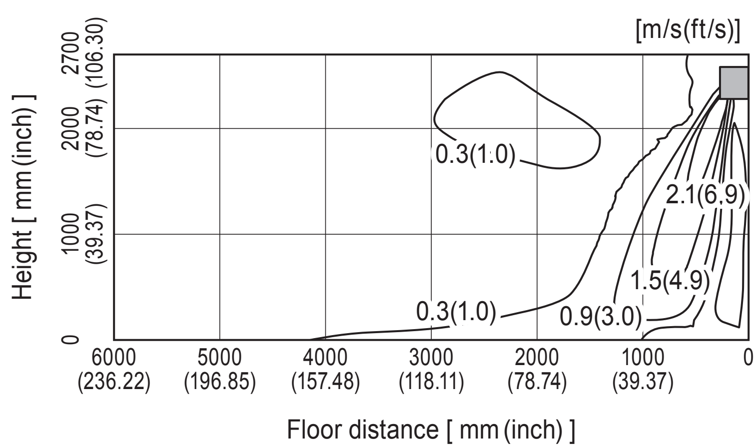
<Cooling mode>

Air volume: high
Air direction: auto (upward air flow)



<Heating mode>

Air volume: high
Air direction: auto (downward air flow)

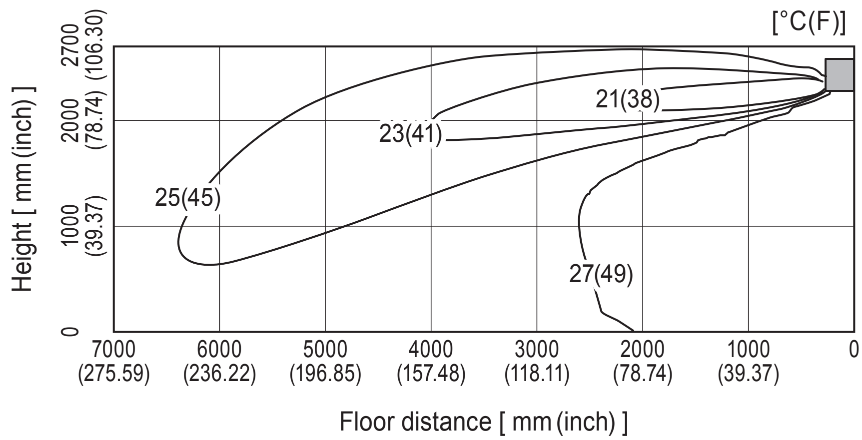


10. AIR FLOW DATA

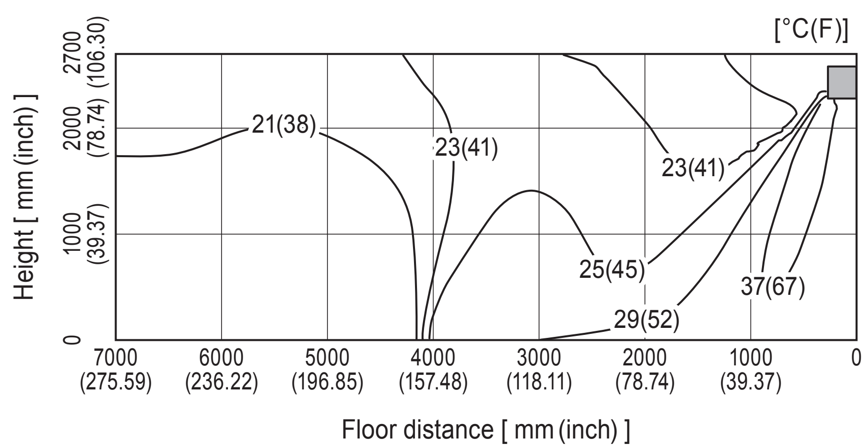
PKA-A18HA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



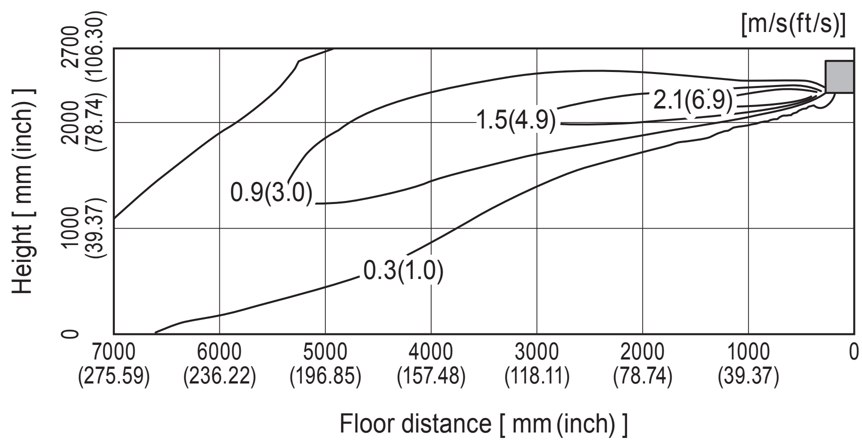
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

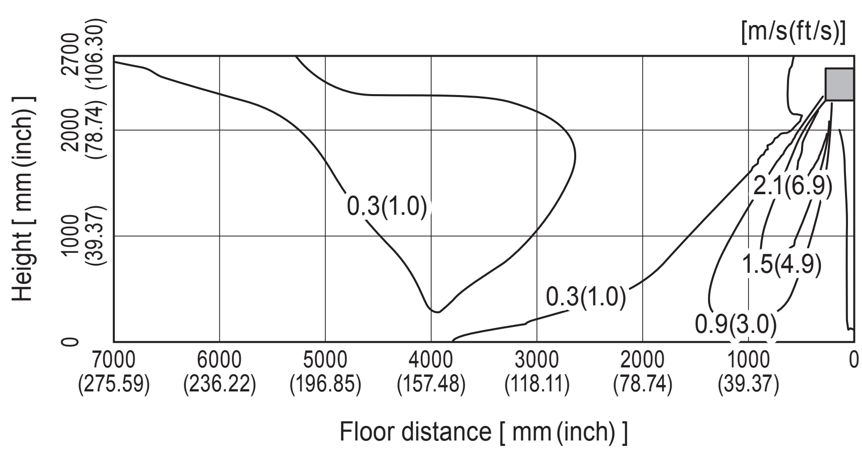
PKA-A18HA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

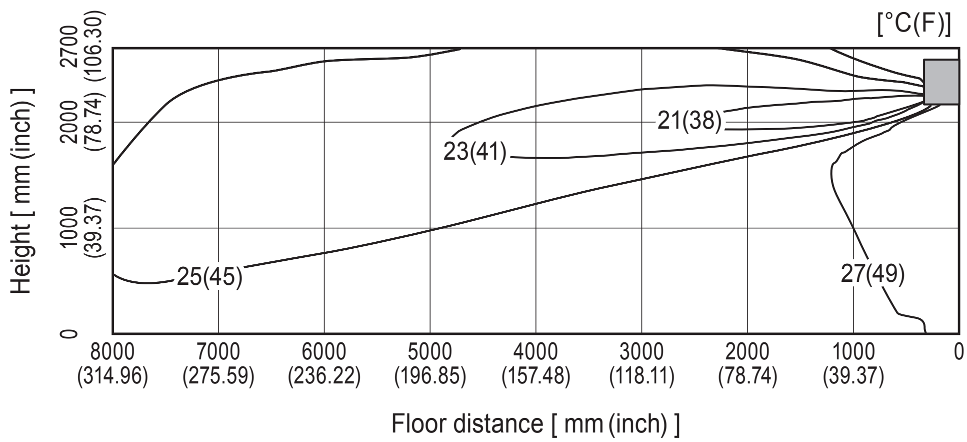
10-4. PKA-A-KA6

10-4-1. TEMPERATURE AND AIR FLOW DISTRIBUTIONS

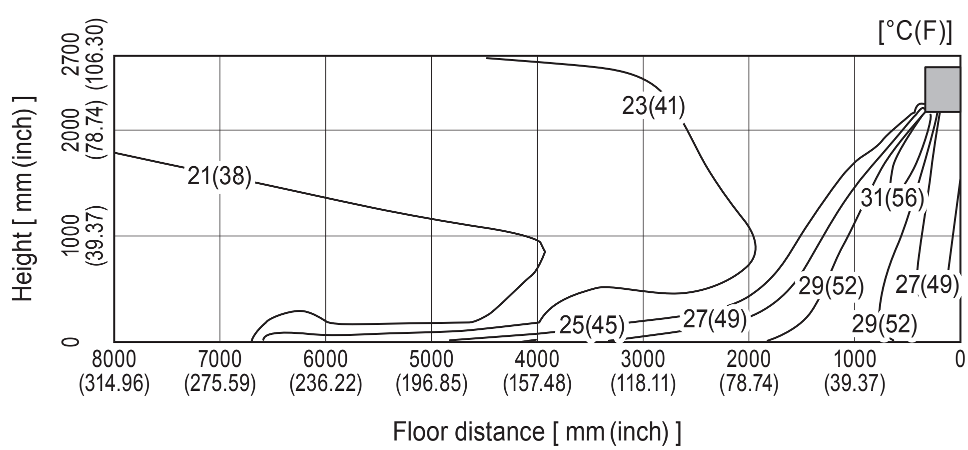
PKA-A24KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



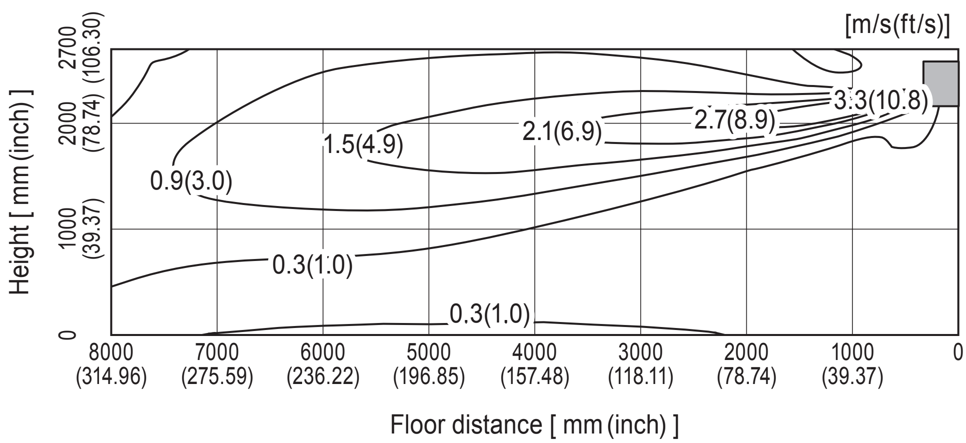
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

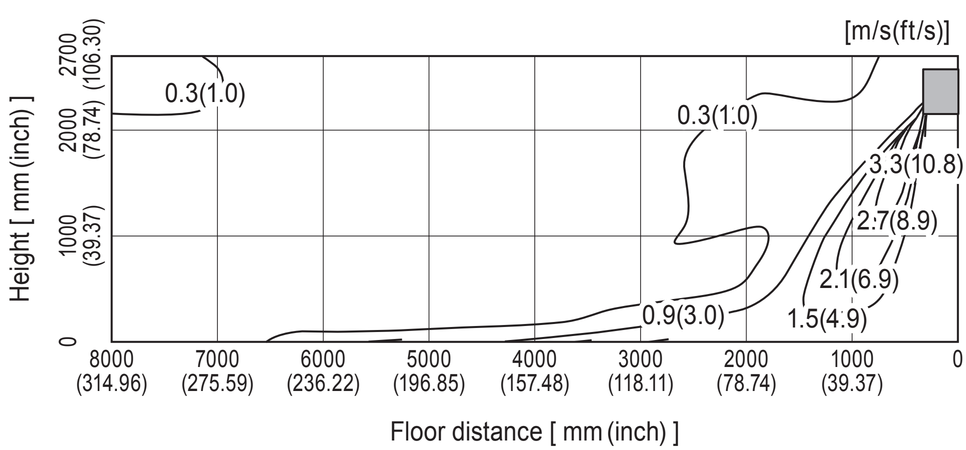
PKA-A24KA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



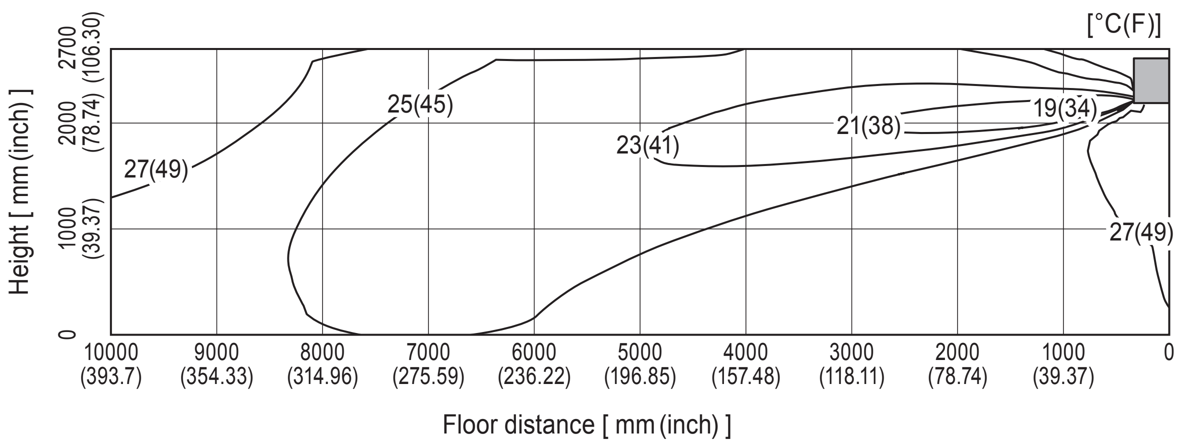
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

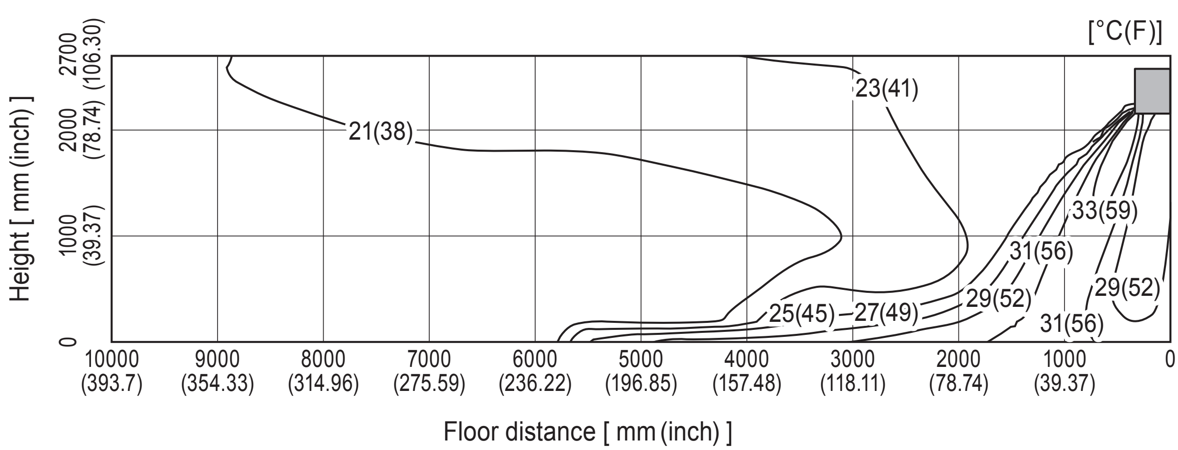
PKA-A30KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

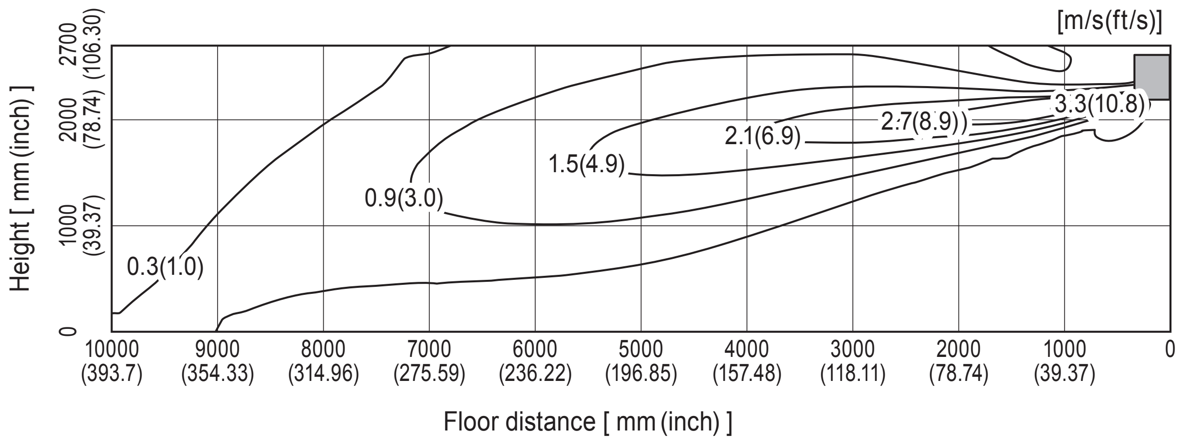


10. AIR FLOW DATA

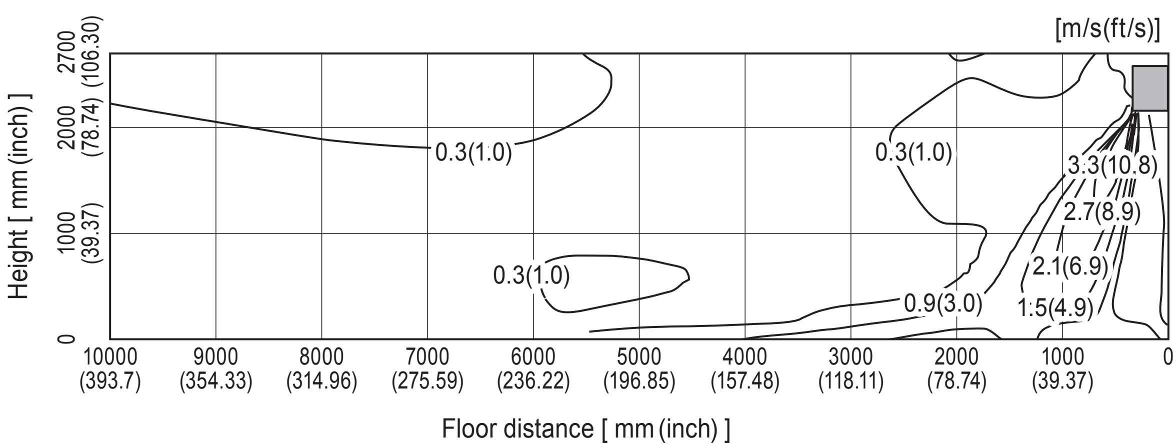
PKA-A30KA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



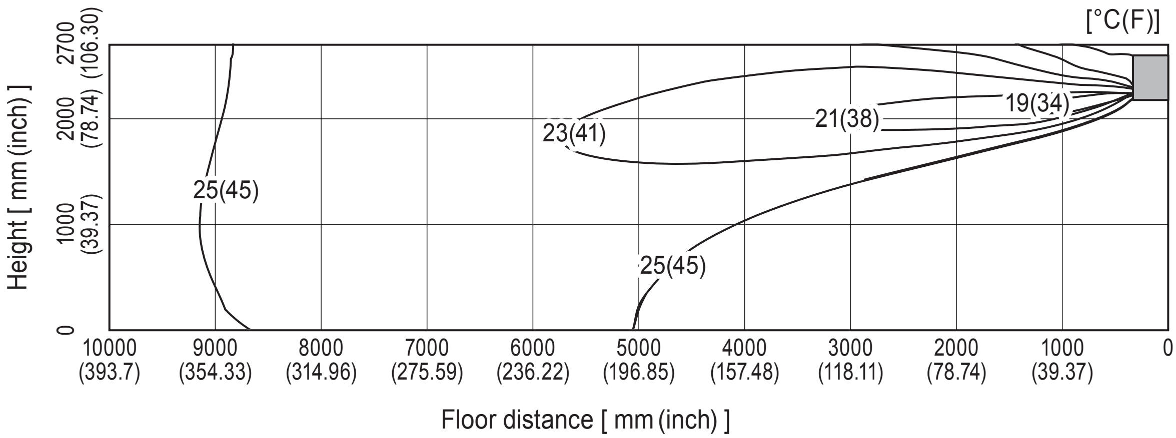
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

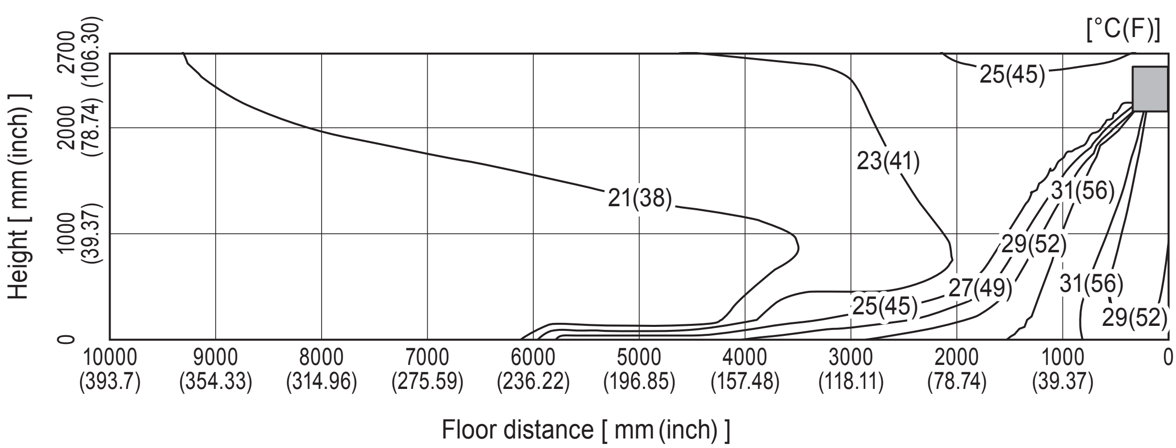
PKA-A36KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

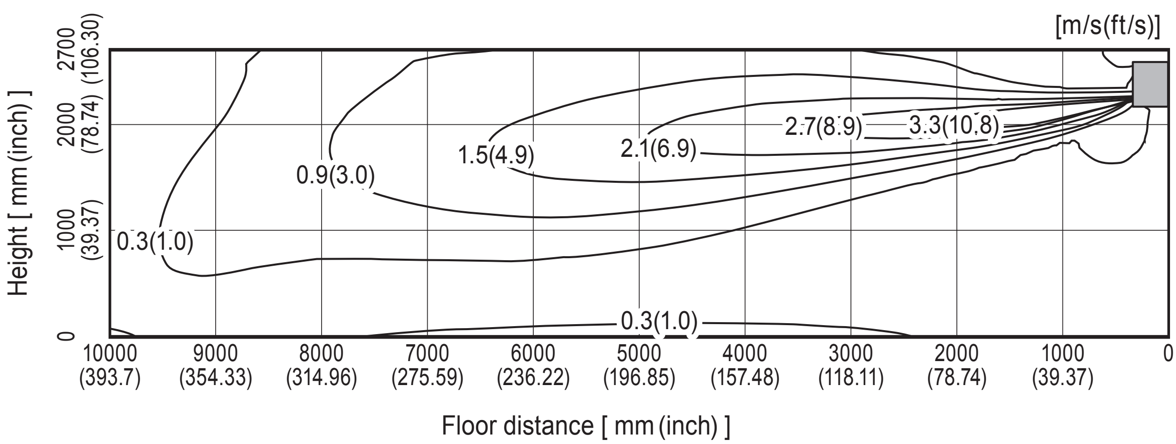


10. AIR FLOW DATA

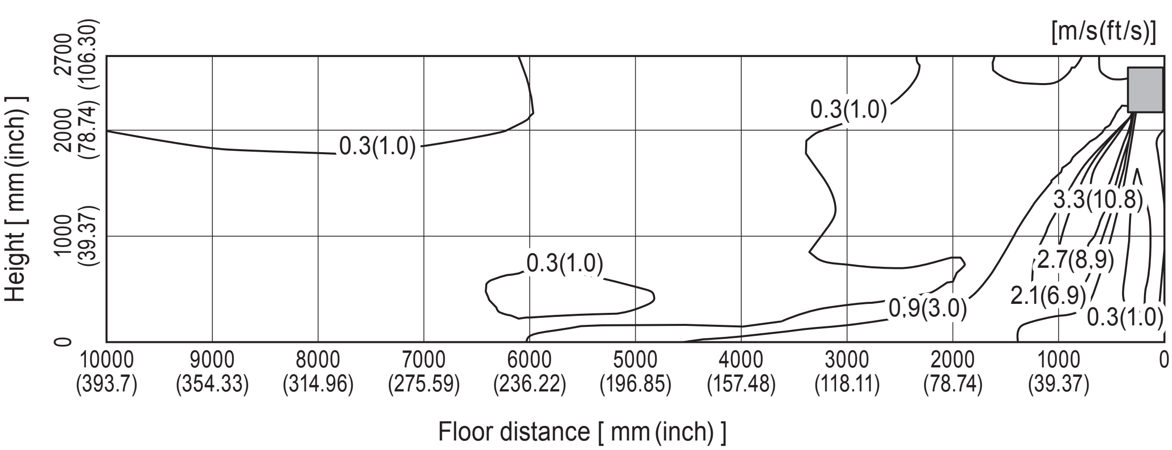
PKA-A36KA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



Due to continuing improvement, above specification may be subject to change without notice.

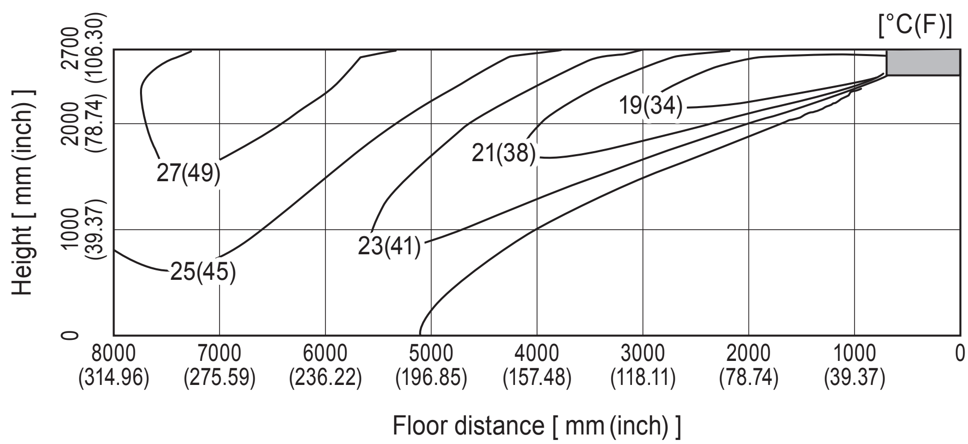
10-5. PCA-A-KA6

10-5-1. TEMPERATURE AND AIR FLOW DISTRIBUTIONS

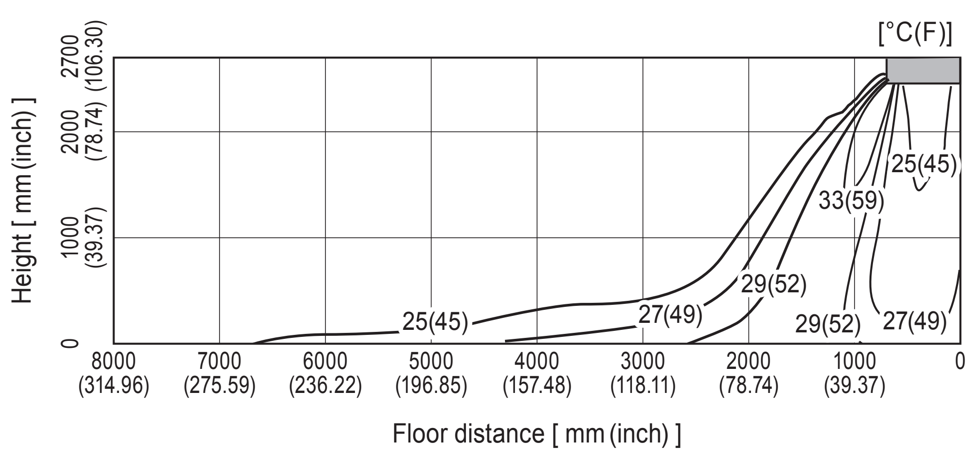
PCA-A24KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



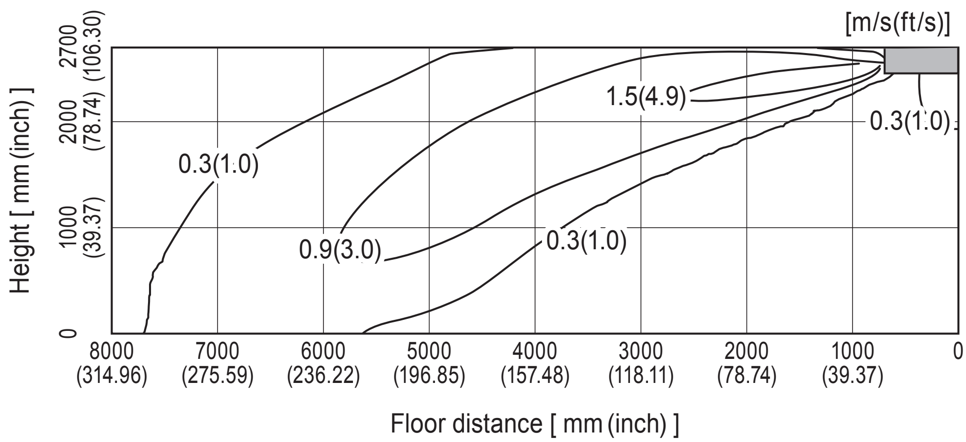
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

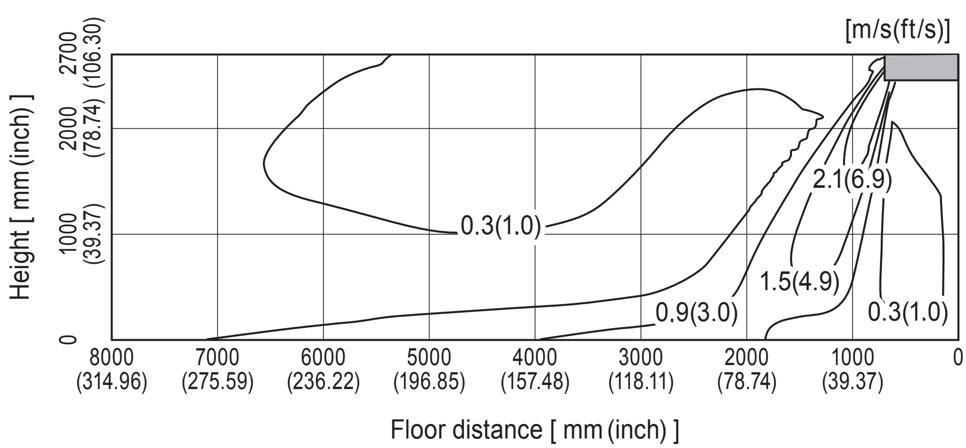
PCA-A24KA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



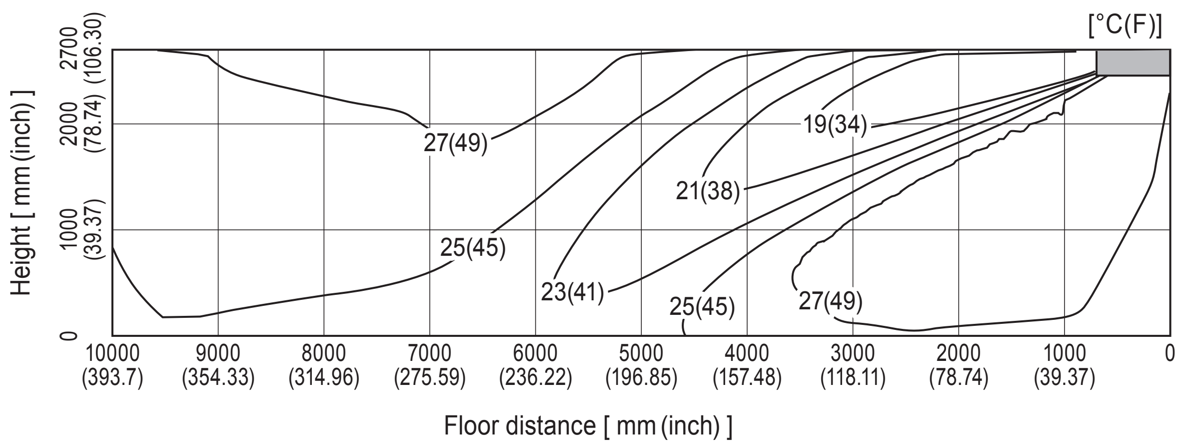
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

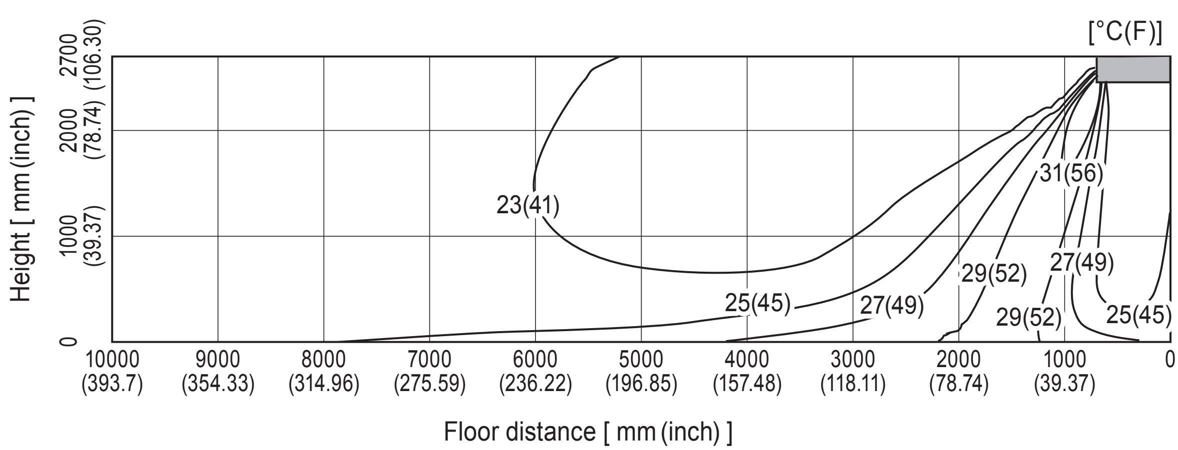
PCA-A30KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



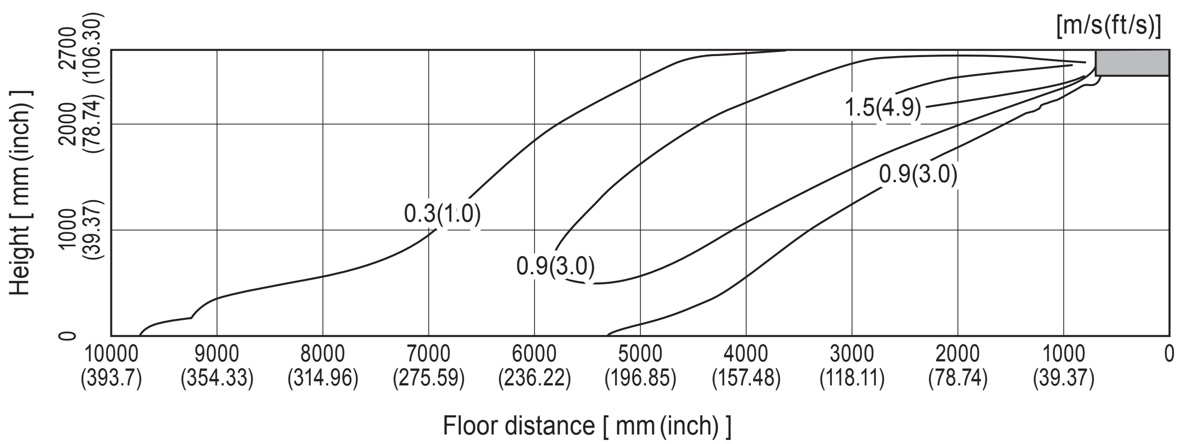
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

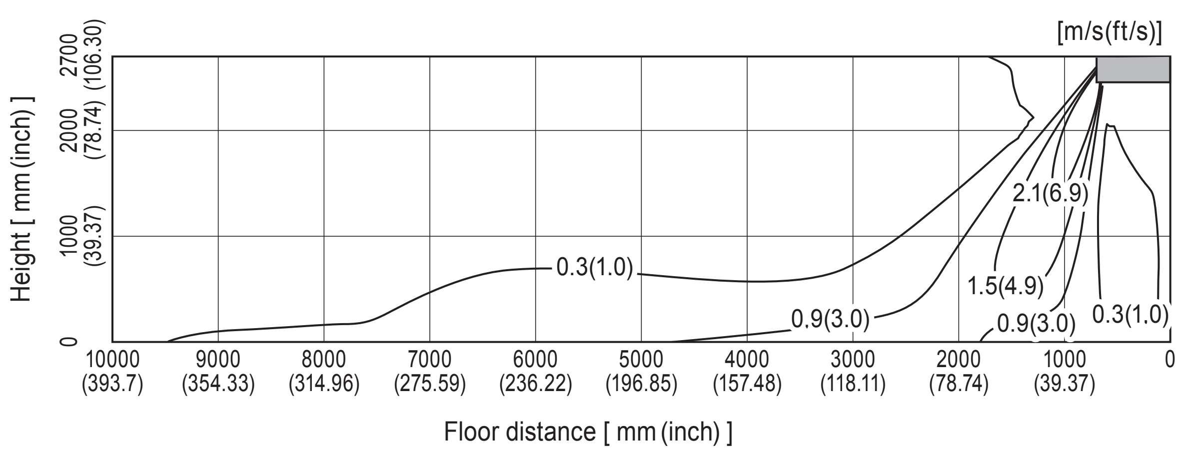
PCA-A30KA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

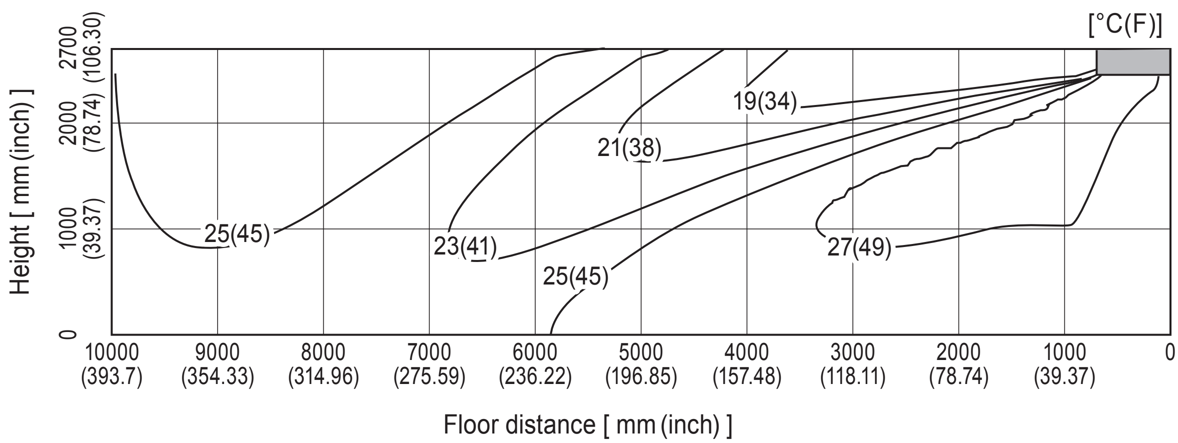


10. AIR FLOW DATA

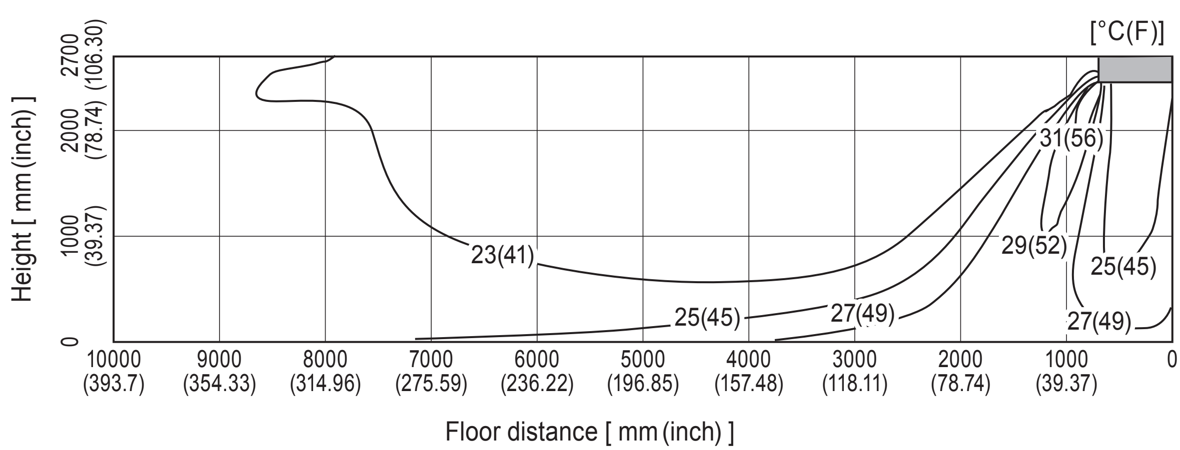
PCA-A36KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

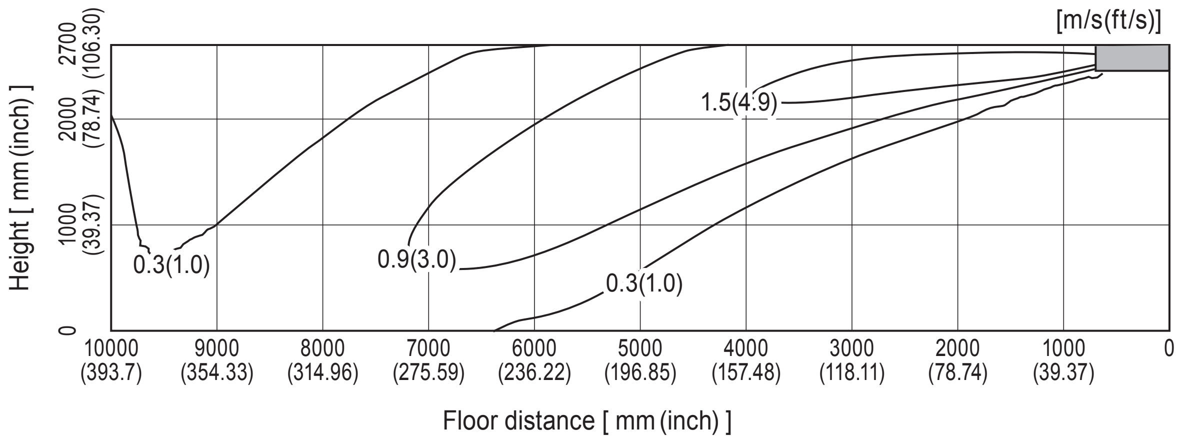


Due to continuing improvement, above specification may be subject to change without notice.

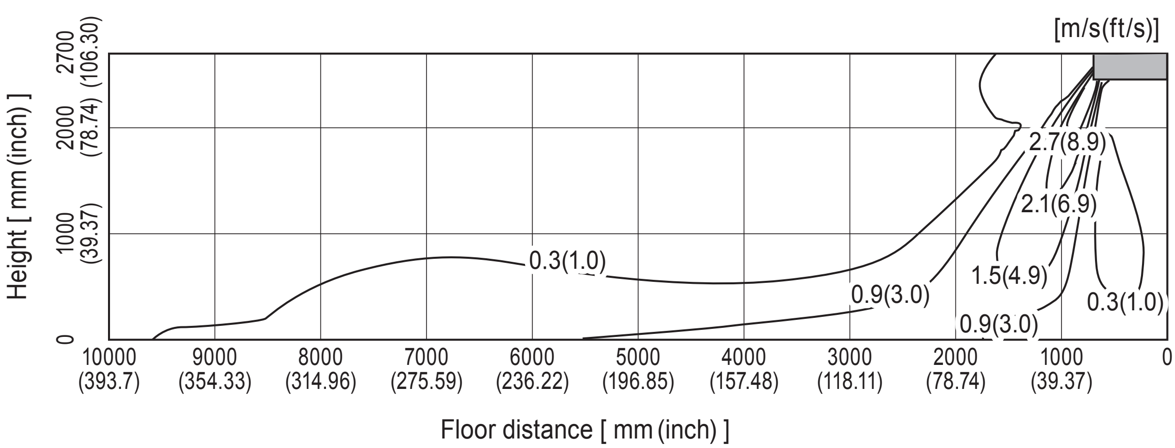
PCA-A36KA6

Airflow distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

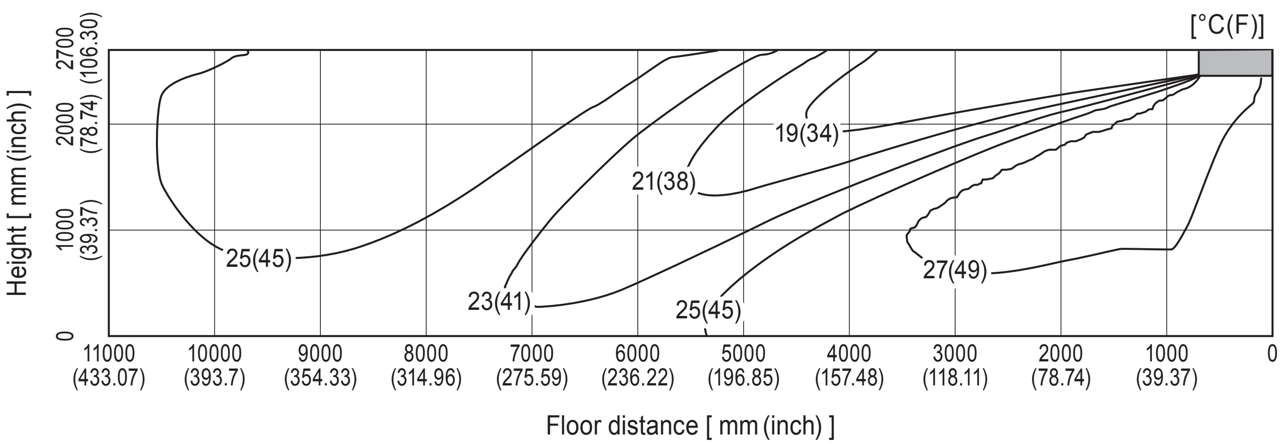


Due to continuing improvement, above specification may be subject to change without notice.

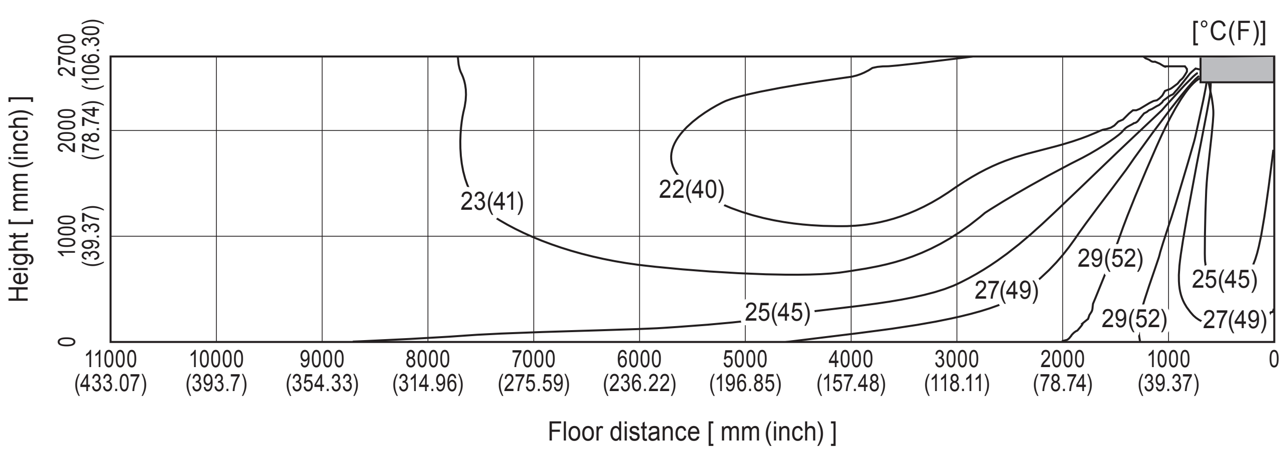
PCA-A42KA6

Temperature distribution

<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)

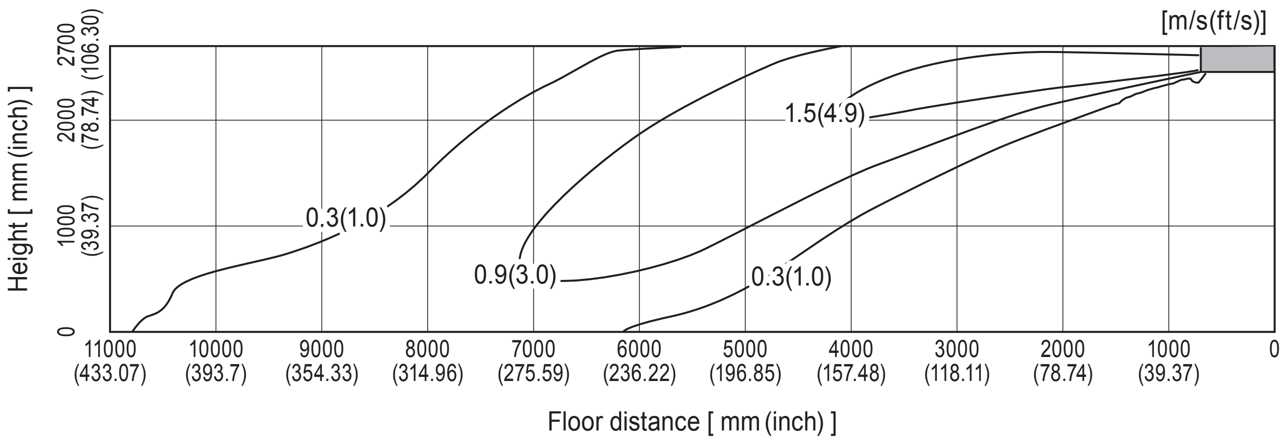


10. AIR FLOW DATA

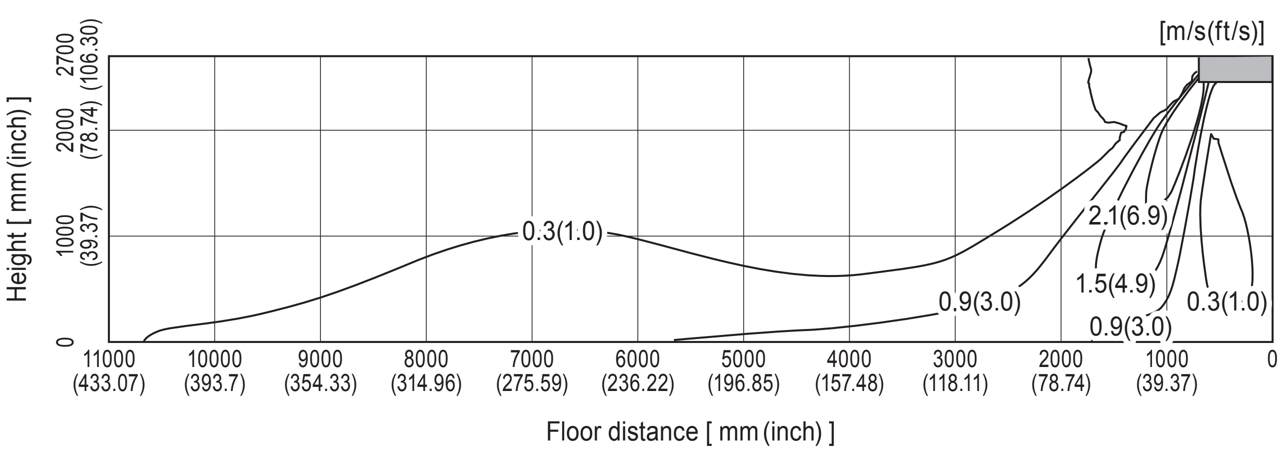
PCA-A42KA6

Airflow distribution

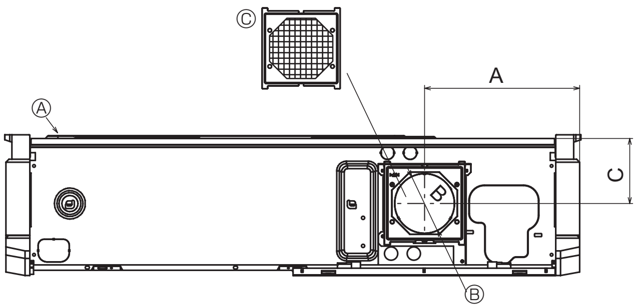
<Cooling mode> Air volume: high
Air direction: auto (upward air flow)



<Heating mode> Air volume: high
Air direction: auto (downward air flow)



10-5-2. FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS



Fresh air intake hole

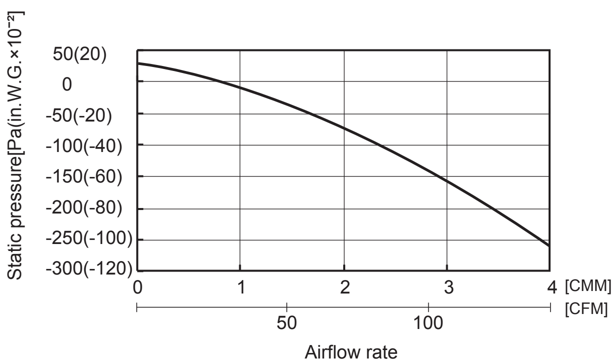
At the time of installation, use the duct holes (knock out) located at the positions shown in the left diagram, as and when required.

Ⓐ Indoor unit
Ⓑ Fresh air intake hole (knock out hole)
Ⓒ Filter

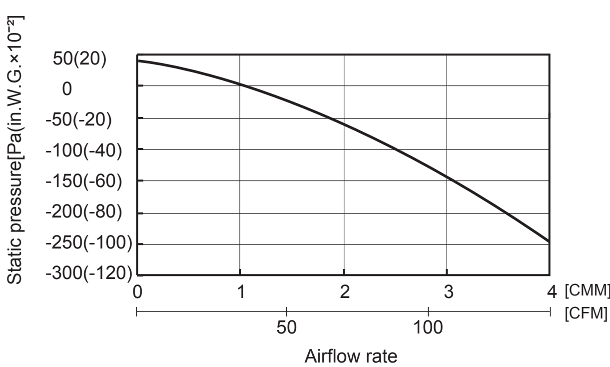
in. (mm)

A	B	C
10-3/16 (259.5)	ø 3-15/16 (ø 100)	4-5/16 (109)

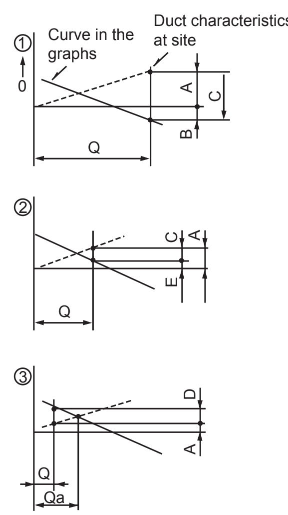
■ PCA-A24, 30KA6



■ PCA-A36, 42KA6



How to read curves



Q···Designed amount of fresh air intake <CMM(CFM)>
A···Static pressure loss of fresh air intake duct system with airflow amount Q <Pa(in.W.G.x10^{-2})>
B···Forced static pressure at air conditioner inlet with airflow amount Q <Pa(in.W.G.x10^{-2})>
C···Static pressure of booster fan with airflow amount Q <Pa(in.W.G.x10^{-2})>
D···Static pressure loss increase amount of fresh air intake duct system for airflow amount Q <Pa(in.W.G.x10^{-2})>
E···Static pressure of indoor unit with airflow amount Q <Pa(in.W.G.x10^{-2})>
Qa···Estimated amount of fresh air intake without D <CMM(CFM)>

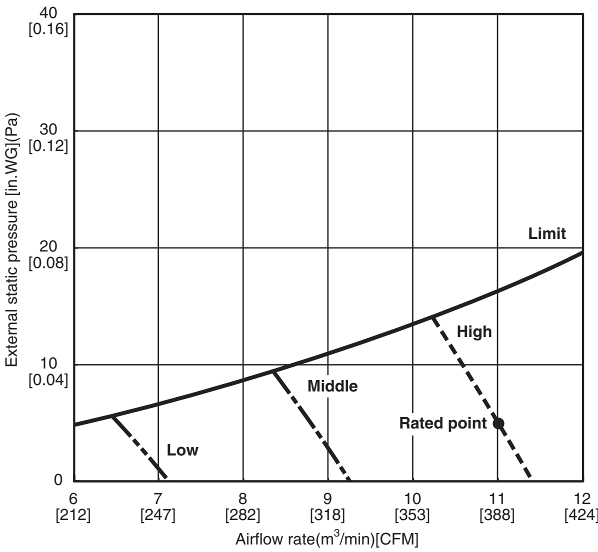
Due to continuing improvement, above specification may be subject to change without notice.

10-6. PEA-A·AA6

10-6-1. INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

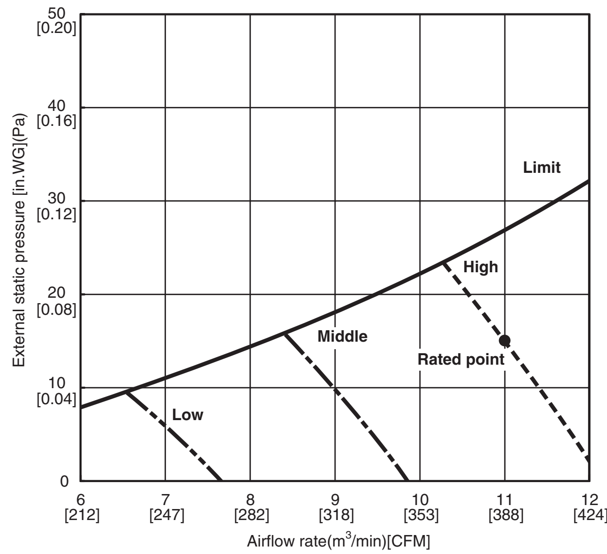
PEA-A12AA6

(External static pressure 0.020[in.WG](5Pa) 208/230V 60Hz



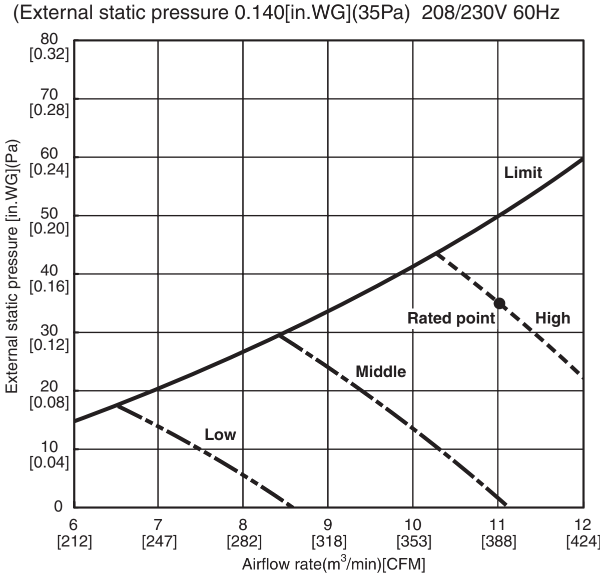
PEA-A12AA6

(External static pressure 0.060[in.WG](15Pa) 208/230V 60Hz



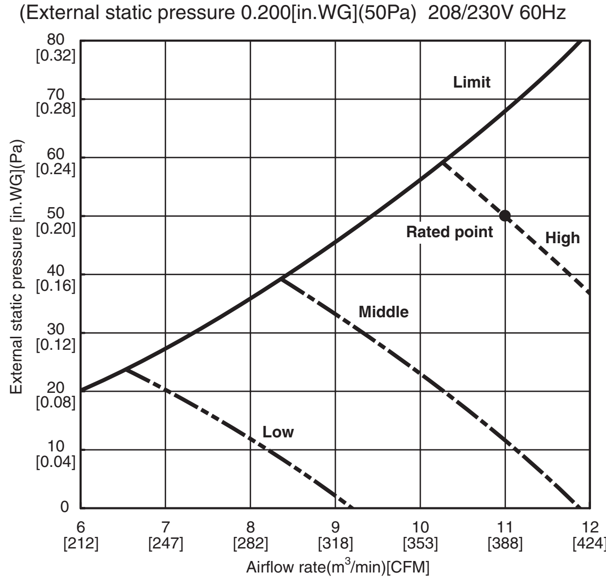
PEA-A12AA6

(External static pressure 0.140[in.WG](35Pa) 208/230V 60Hz



PEA-A12AA6

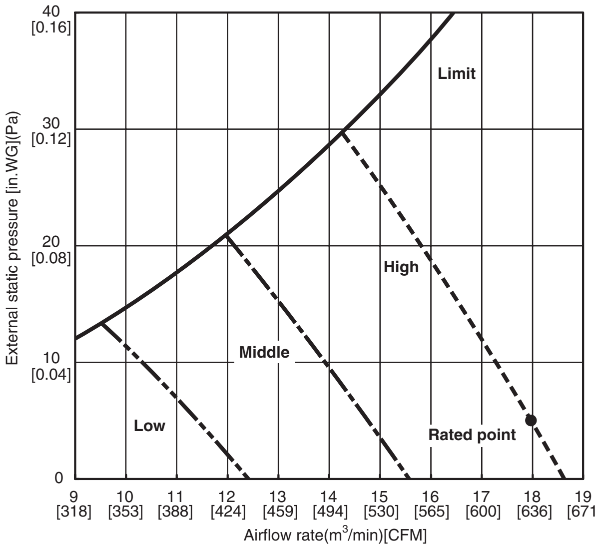
(External static pressure 0.200[in.WG](50Pa) 208/230V 60Hz



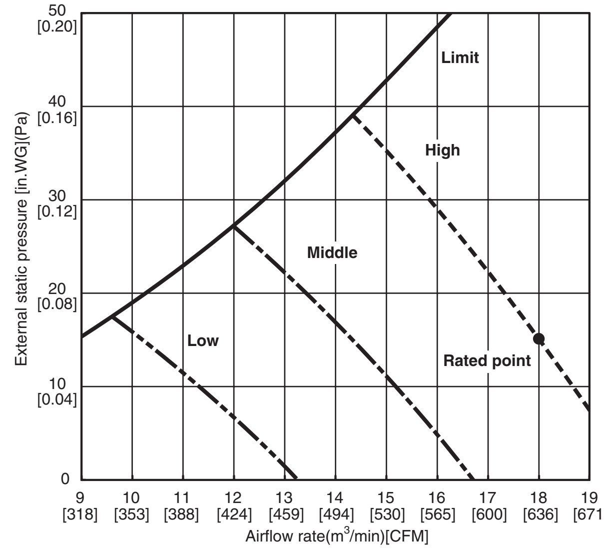
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

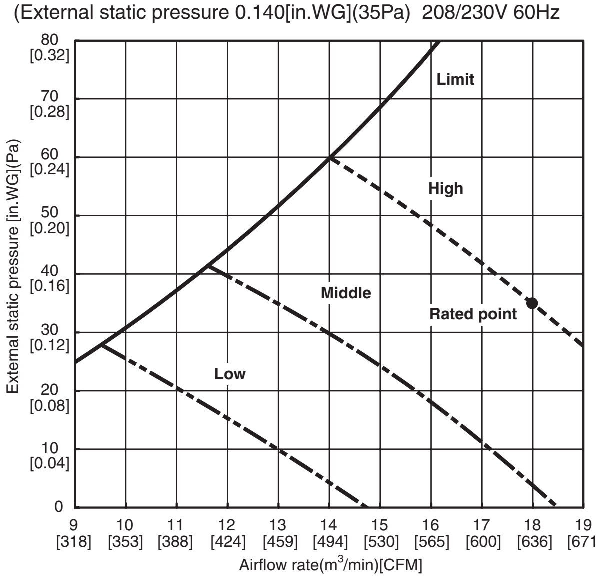
PEA-A18AA6
(External static pressure 0.020[in.WG](5Pa) 208/230V 60Hz



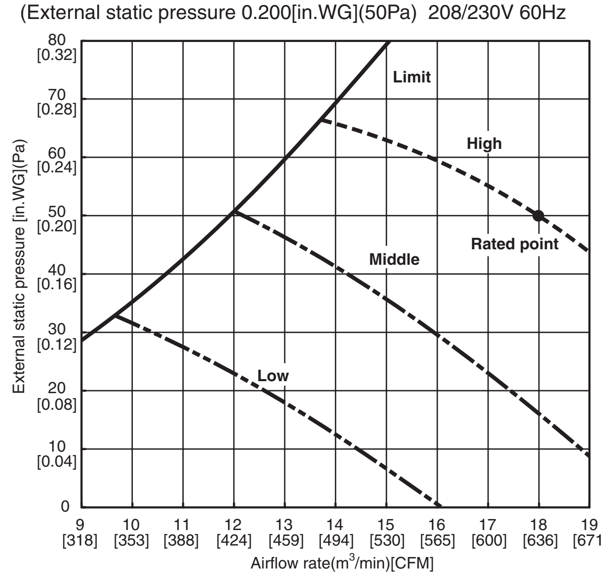
PEA-A18AA6
(External static pressure 0.060[in.WG](15Pa) 208/230V 60Hz



PEA-A18AA6
(External static pressure 0.140[in.WG](35Pa) 208/230V 60Hz



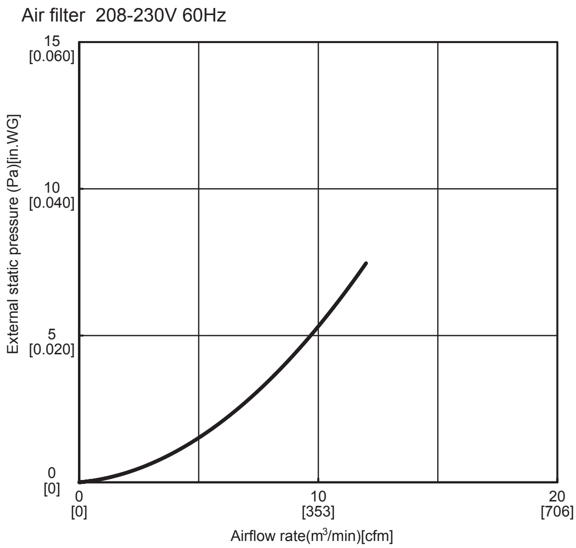
PEA-A18AA6
(External static pressure 0.200[in.WG](50Pa) 208/230V 60Hz



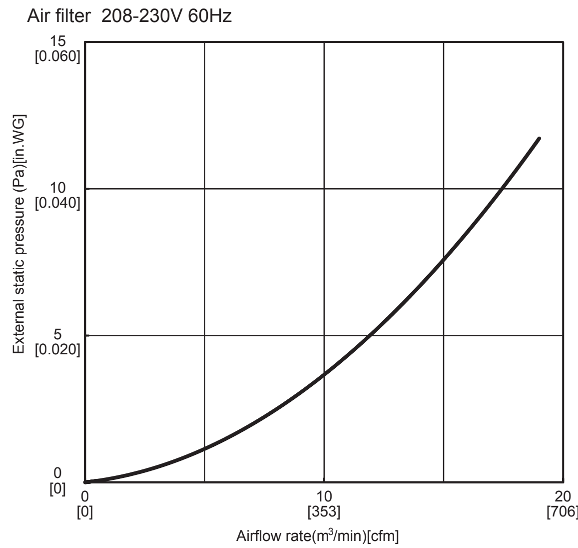
Due to continuing improvement, above specification may be subject to change without notice.

10-6-2. AIR FILTER STATIL PRESSURE CURVES

PEA-A12AA6



PEA-A18AA6

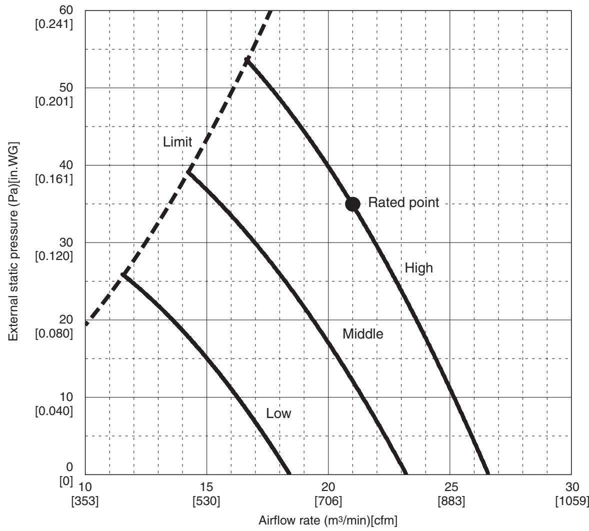


10-7. PEAD-A·AA5

10-7.1 INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

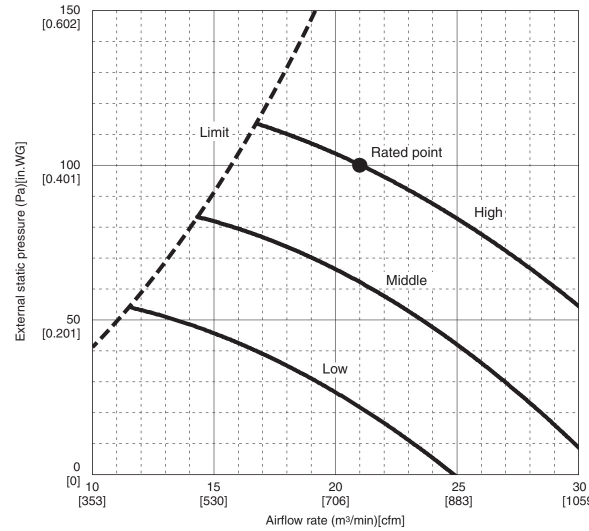
PEAD-A24AA5

(External static pressure 35Pa) 208-230V 60Hz



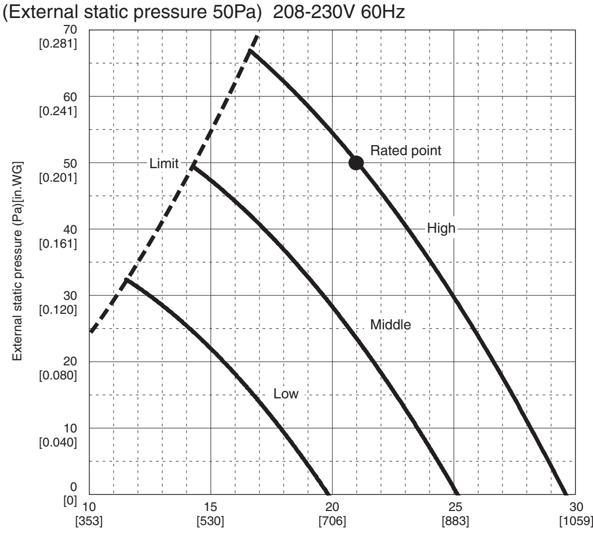
PEAD-A24AA5

(External static pressure 100Pa) 208-230V 60Hz



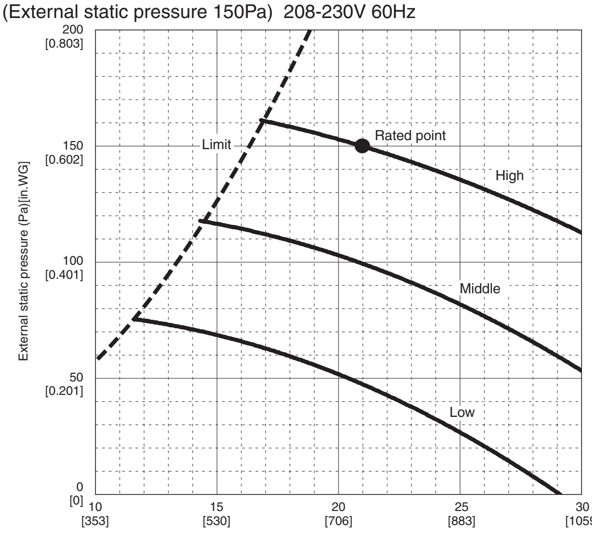
PEAD-A24AA5

(External static pressure 50Pa) 208-230V 60Hz



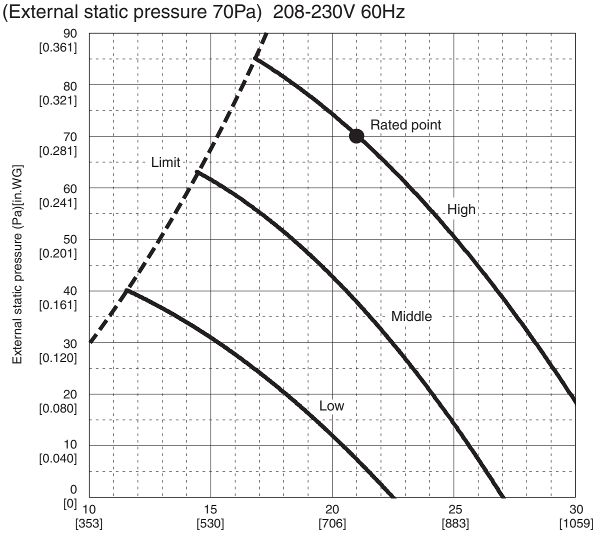
PEAD-A24AA5

(External static pressure 150Pa) 208-230V 60Hz



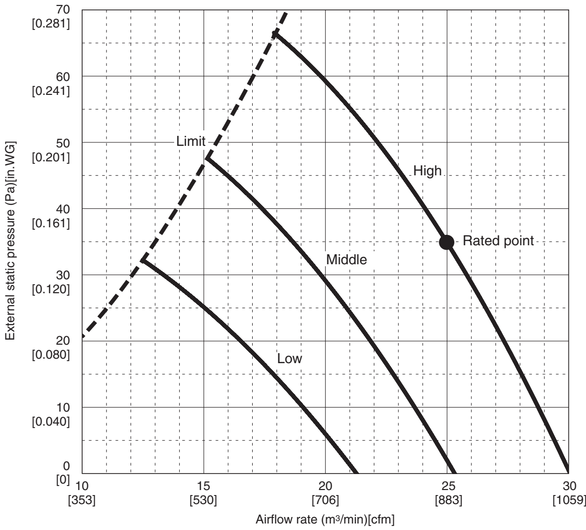
PEAD-A24AA5

(External static pressure 70Pa) 208-230V 60Hz

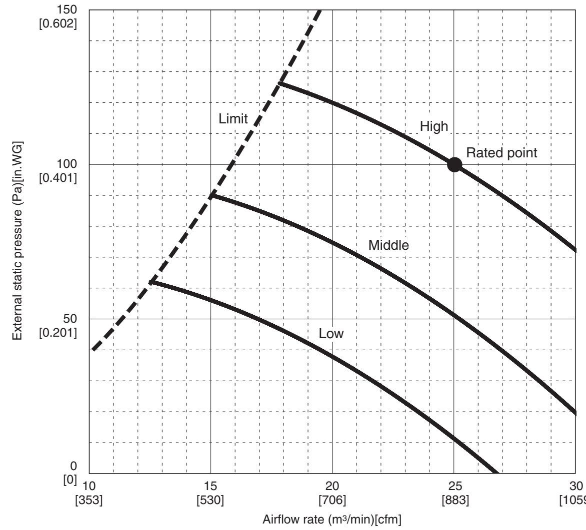


Due to continuing improvement, above specification may be subject to change without notice.

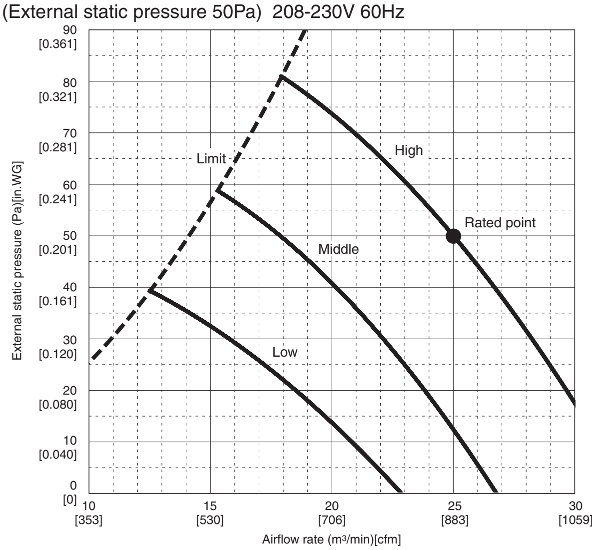
PEAD-A30AA5
(External static pressure 35Pa) 208-230V 60Hz



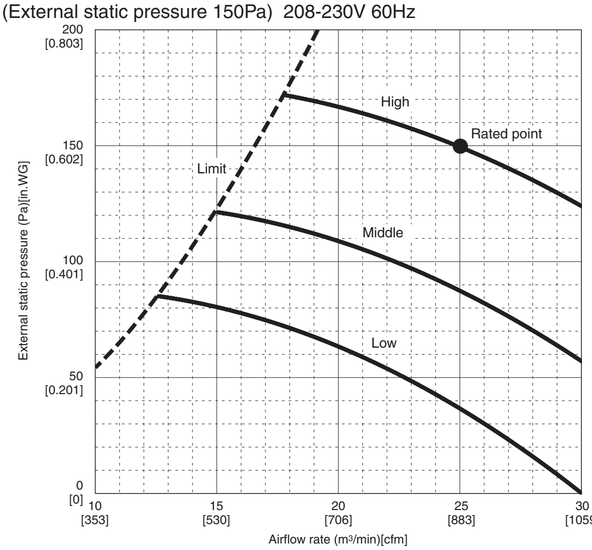
PEAD-A30AA5
(External static pressure 100Pa) 208-230V 60Hz



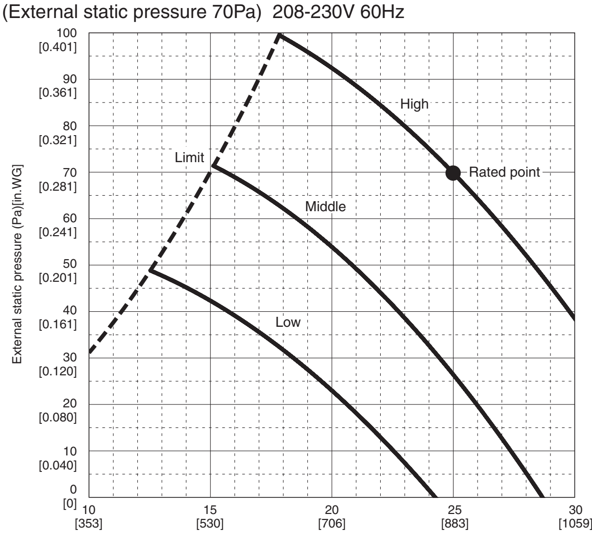
PEAD-A30AA5
(External static pressure 50Pa) 208-230V 60Hz



PEAD-A30AA5
(External static pressure 150Pa) 208-230V 60Hz



PEAD-A30AA5
(External static pressure 70Pa) 208-230V 60Hz

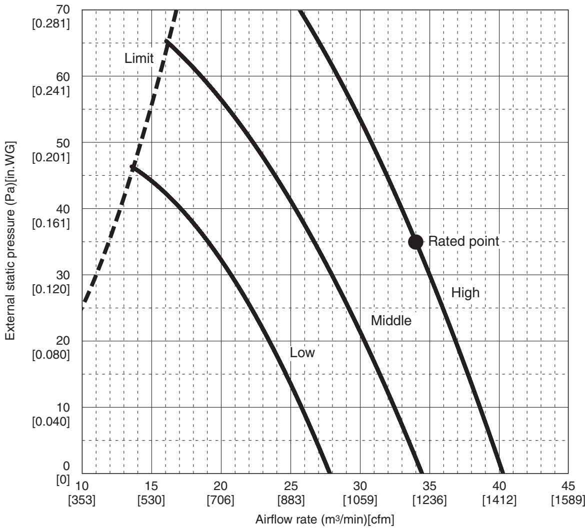


Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

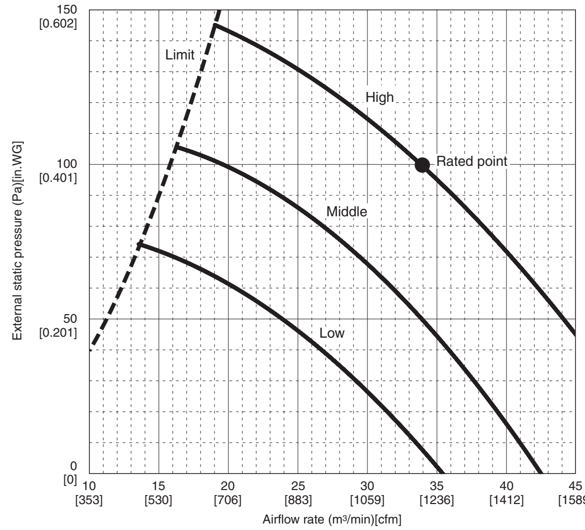
PEAD-A36AA5

(External static pressure 35Pa) 208-230V 60Hz



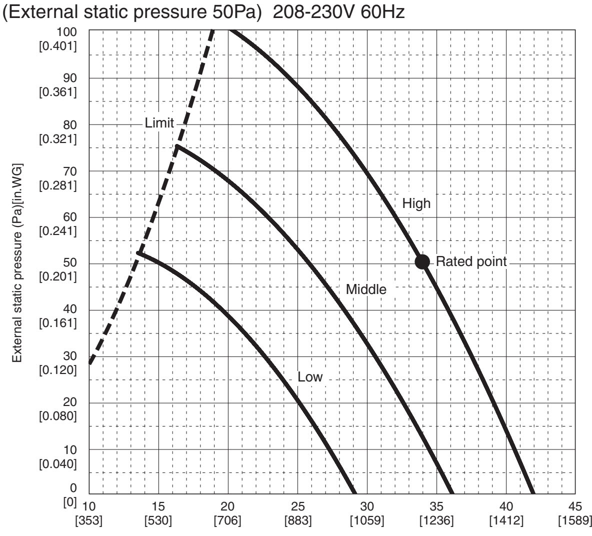
PEAD-A36AA5

(External static pressure 100Pa) 208-230V 60Hz



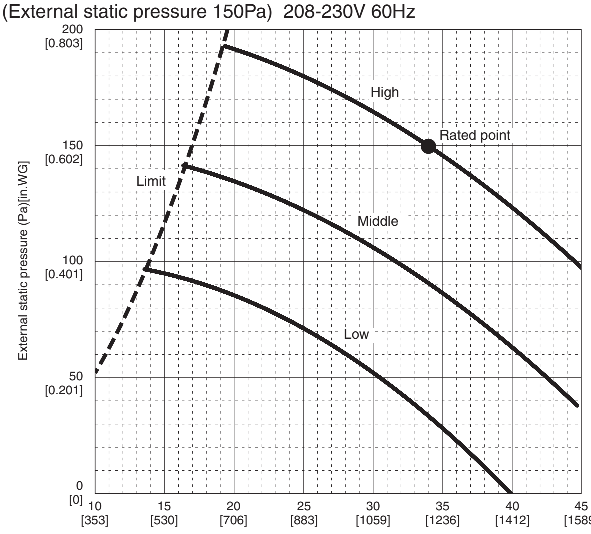
PEAD-A36AA5

(External static pressure 50Pa) 208-230V 60Hz



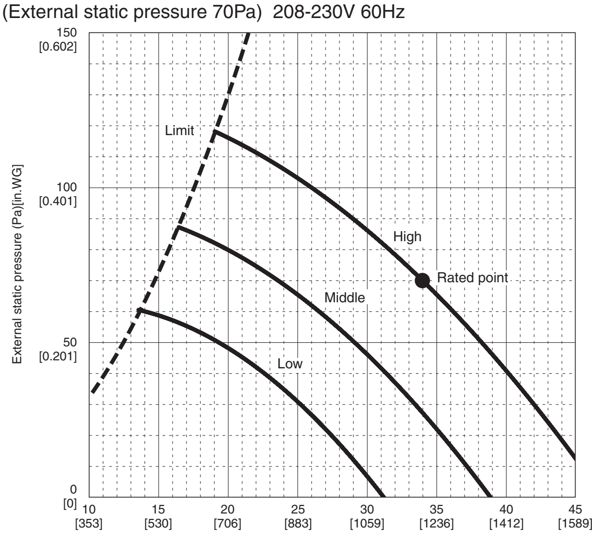
PEAD-A36AA5

(External static pressure 150Pa) 208-230V 60Hz



PEAD-A36AA5

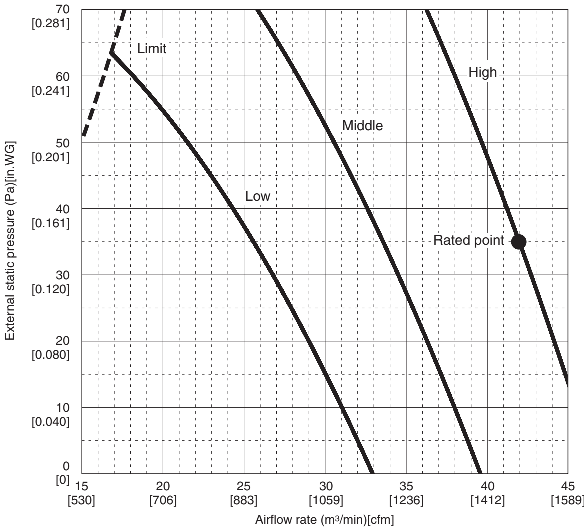
(External static pressure 70Pa) 208-230V 60Hz



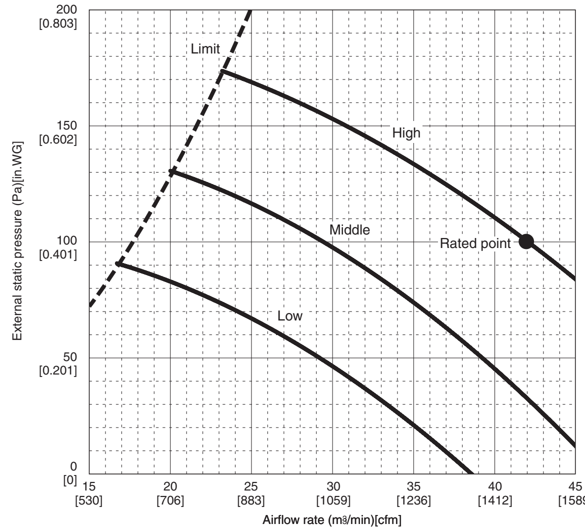
Due to continuing improvement, above specification may be subject to change without notice.

10. AIR FLOW DATA

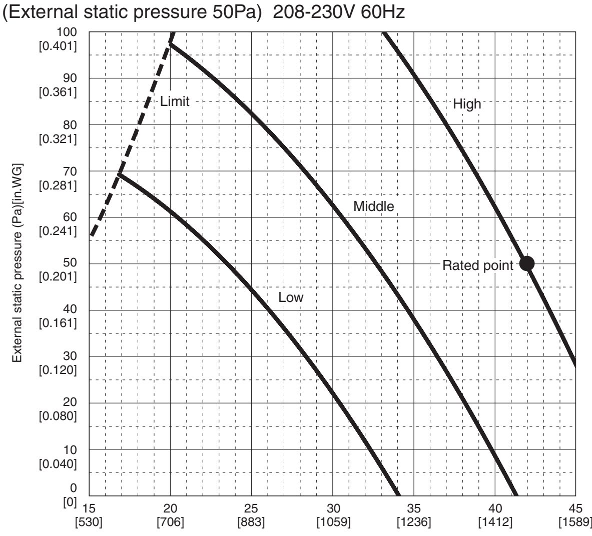
PEAD-A42AA5
(External static pressure 35Pa) 208-230V 60Hz



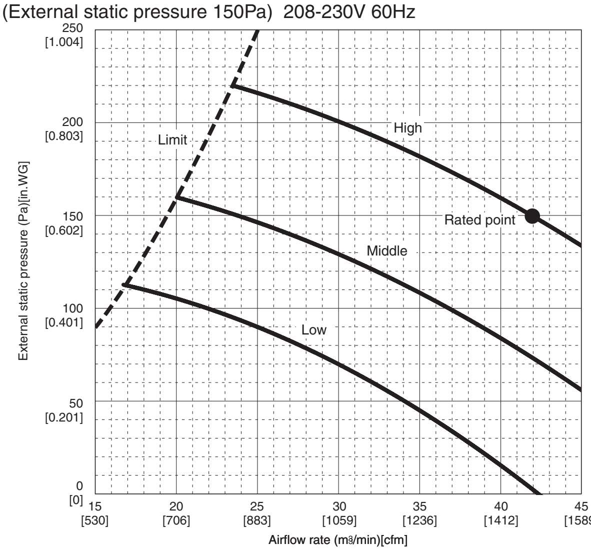
PEAD-A42AA5
(External static pressure 100Pa) 208-230V 60Hz



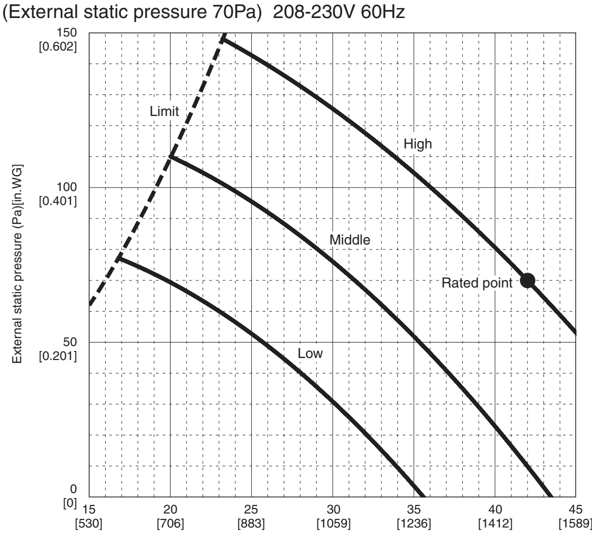
PEAD-A42AA5
(External static pressure 50Pa) 208-230V 60Hz



PEAD-A42AA5
(External static pressure 150Pa) 208-230V 60Hz



PEAD-A42AA5
(External static pressure 70Pa) 208-230V 60Hz

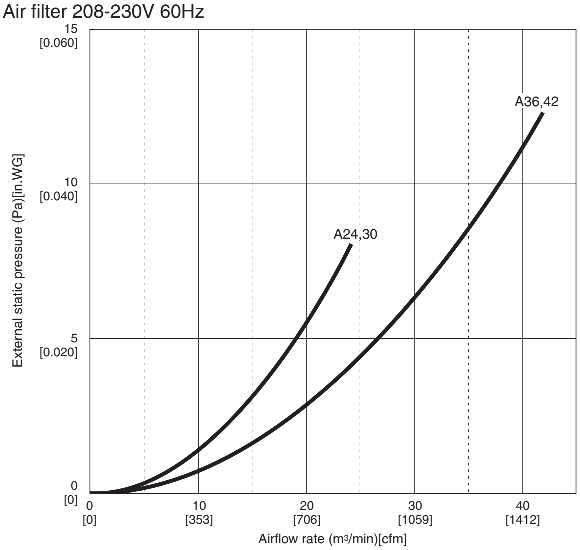


Due to continuing improvement, above specification may be subject to change without notice.

10-7.2 AIR FILTER STATIL PRESSURE CURVES

PEAD-A24AA5 PEAD-A30AA5 PEAD-A36AA5 PEAD-A42AA5

Air filter 208-230V 60Hz



Due to continuing improvement, above specification may be subject to change without notice.

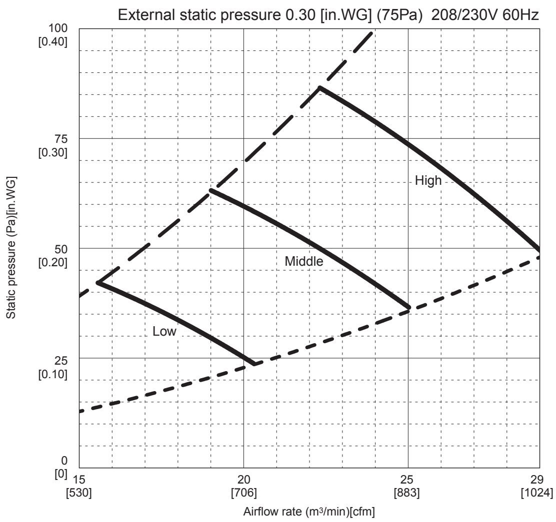
10. AIR FLOW DATA

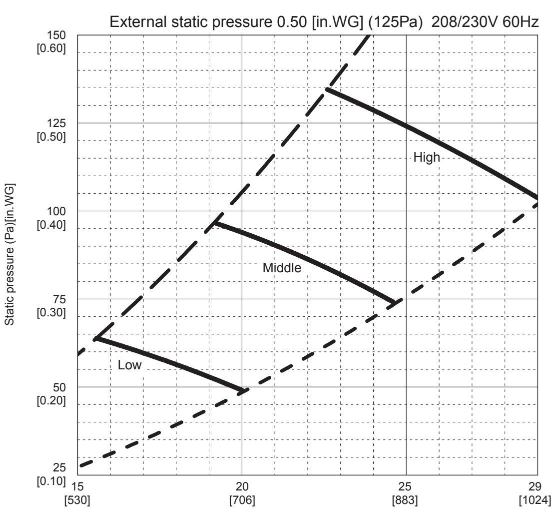
10-8. PVA-A·AA4

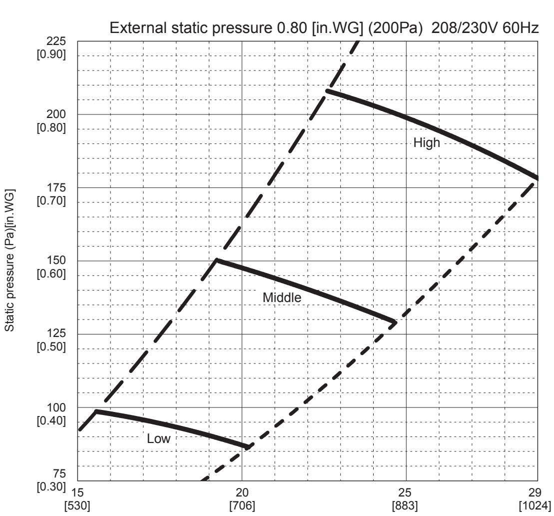
10-8-1. INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

PVA-A30AA4

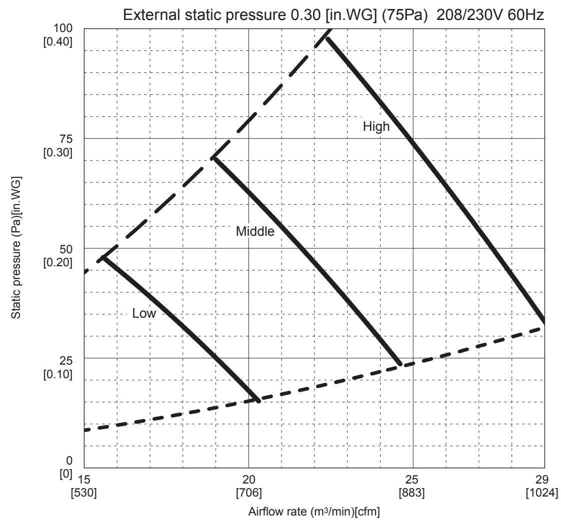
• Vertical, Horizontal Right, Horizontal Left

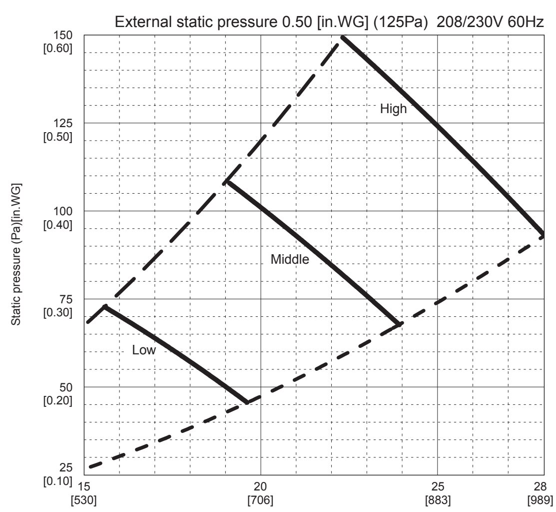


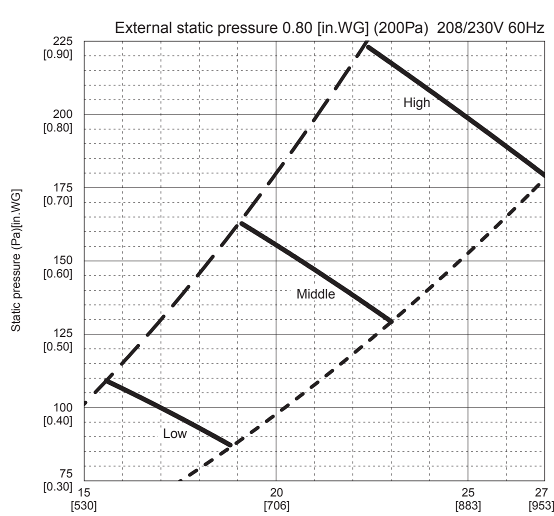




• Downflow





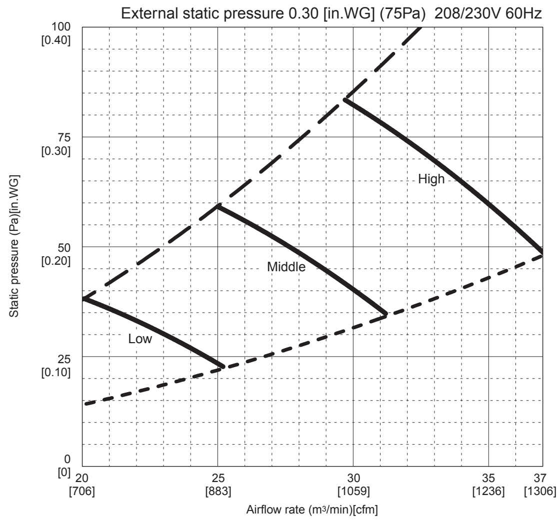


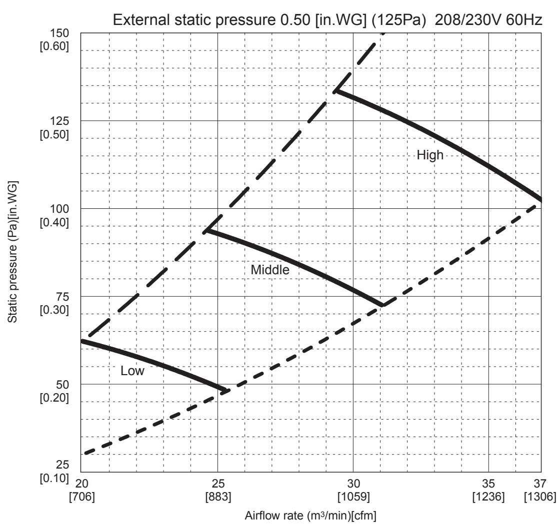
Due to continuing improvement, above specification may be subject to change without notice.

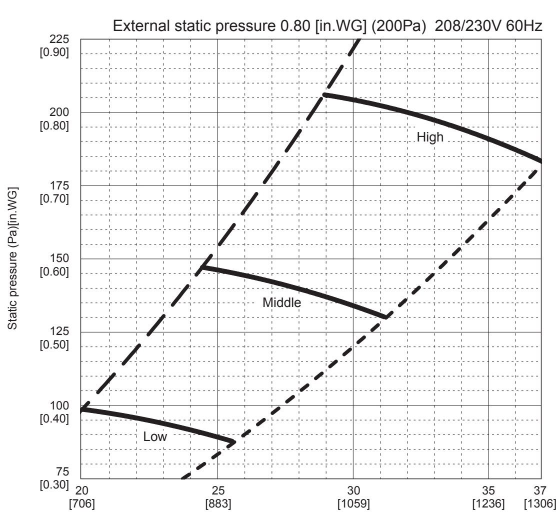
10. AIR FLOW DATA

PVA-A36AA4

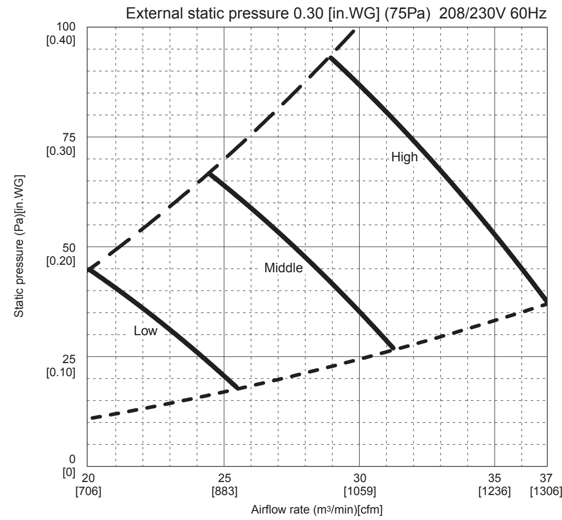
• Vertical, Horizontal Right, Horizontal Left

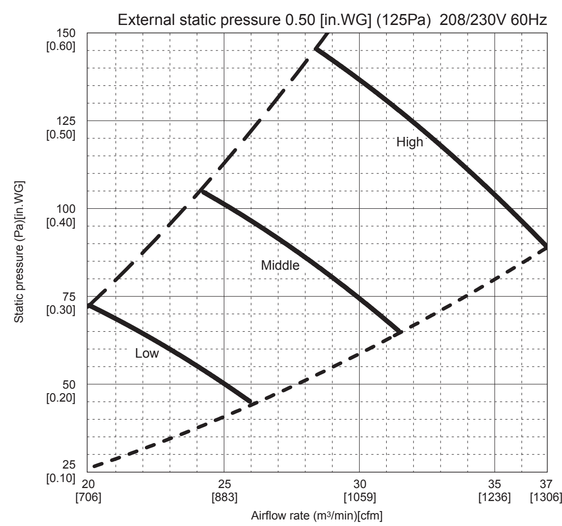


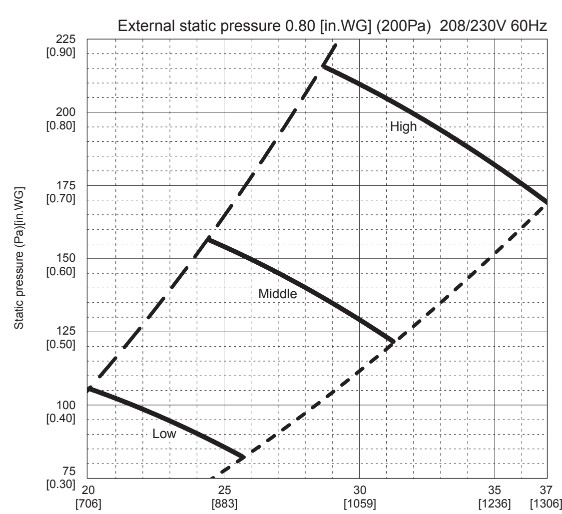




• Downflow





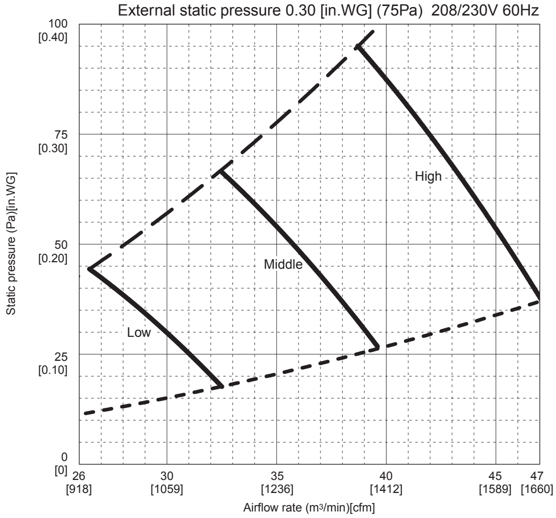


Due to continuing improvement, above specification may be subject to change without notice.

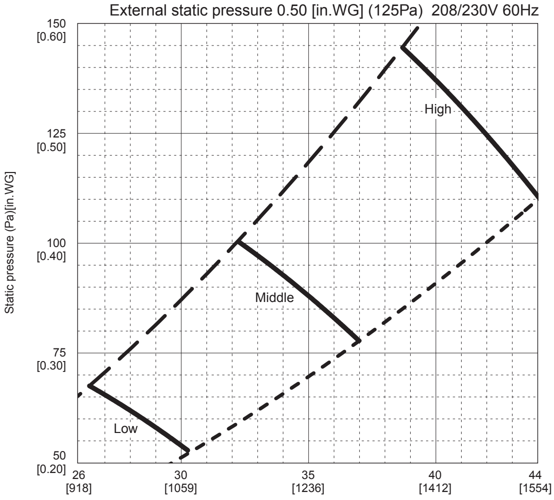
PVA-A42AA4

• Vertical, Horizontal Right, Horizontal Left

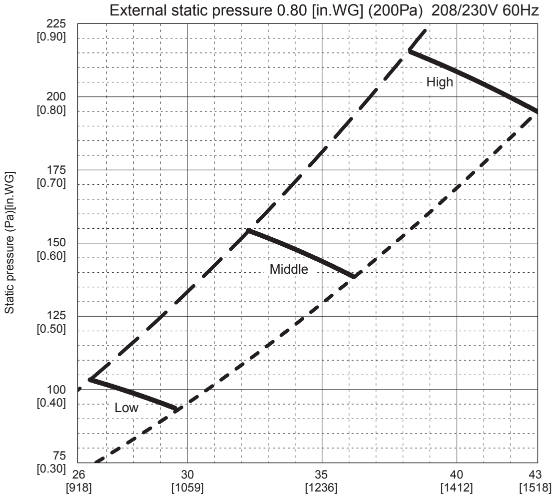
External static pressure 0.30 [in.WG] (75Pa) 208/230V 60Hz



External static pressure 0.50 [in.WG] (125Pa) 208/230V 60Hz

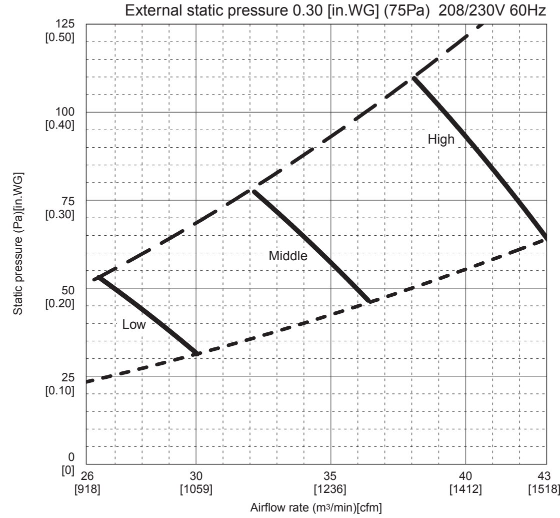


External static pressure 0.80 [in.WG] (200Pa) 208/230V 60Hz

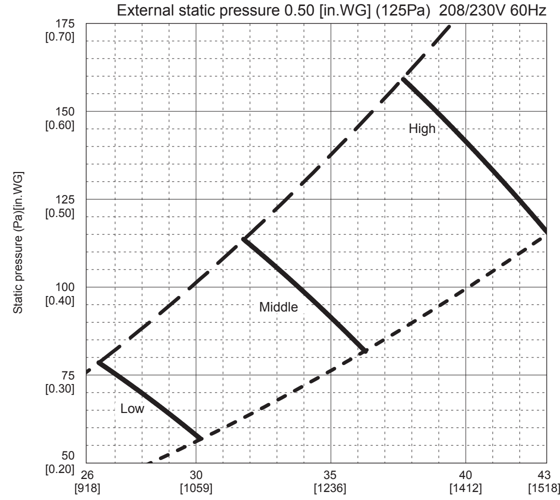


• Downflow

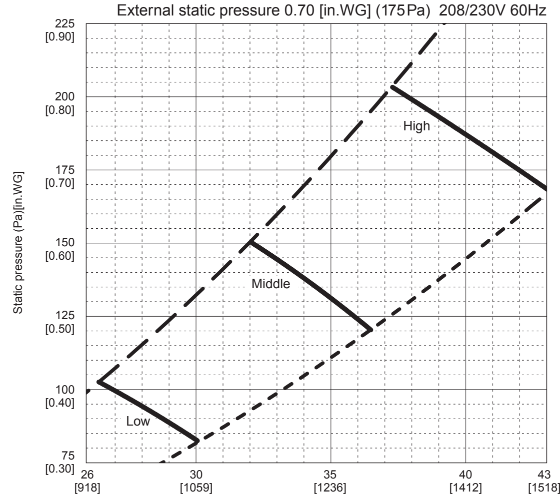
External static pressure 0.30 [in.WG] (75Pa) 208/230V 60Hz



External static pressure 0.50 [in.WG] (125Pa) 208/230V 60Hz



External static pressure 0.70 [in.WG] (175Pa) 208/230V 60Hz

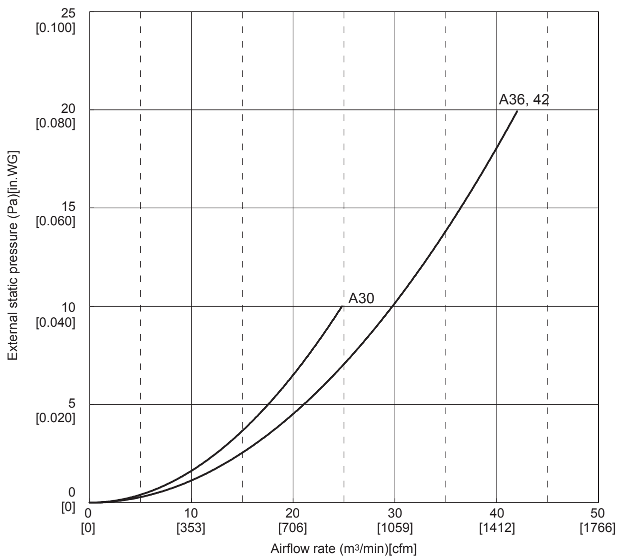


Due to continuing improvement, above specification may be subject to change without notice.

10-8-2. AIR FILTER STATIL PRESSURE CURVES

PVA-A30, 36, 42AA4

Air filter
Power source: 208/230V 60Hz



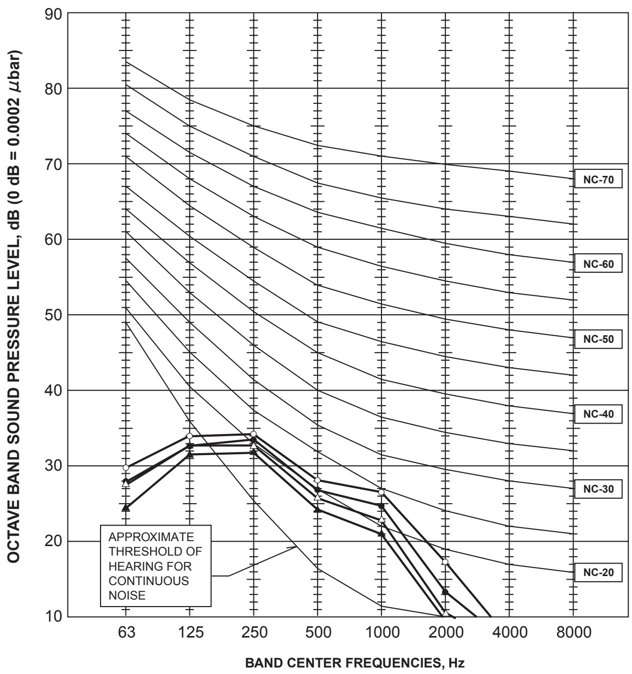
Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

11-1. INDOOR UNIT

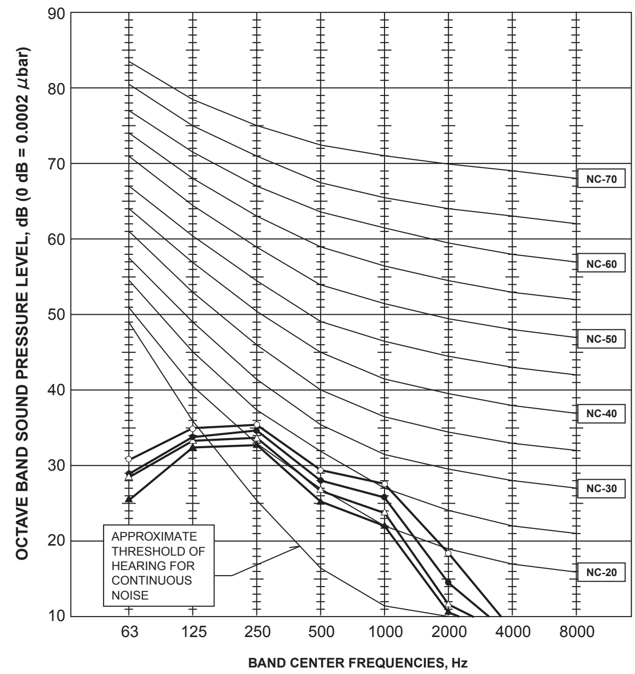
PLA-A12BA6

NOTCH	SPL(dB)	LINE
High	31	○—○
Medium1	29	●—●
Medium2	28	△—△
Low	27	▲—▲



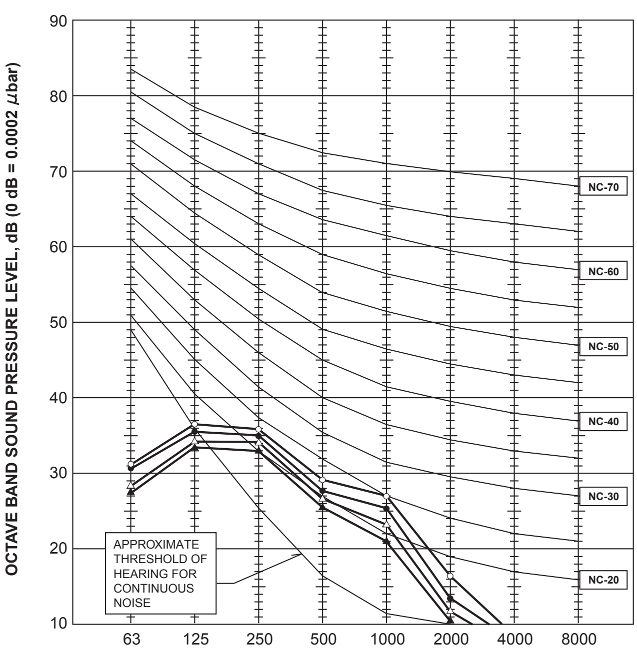
PLA-A18BA6

NOTCH	SPL(dB)	LINE
High	32	○—○
Medium1	31	●—●
Medium2	29	△—△
Low	28	▲—▲



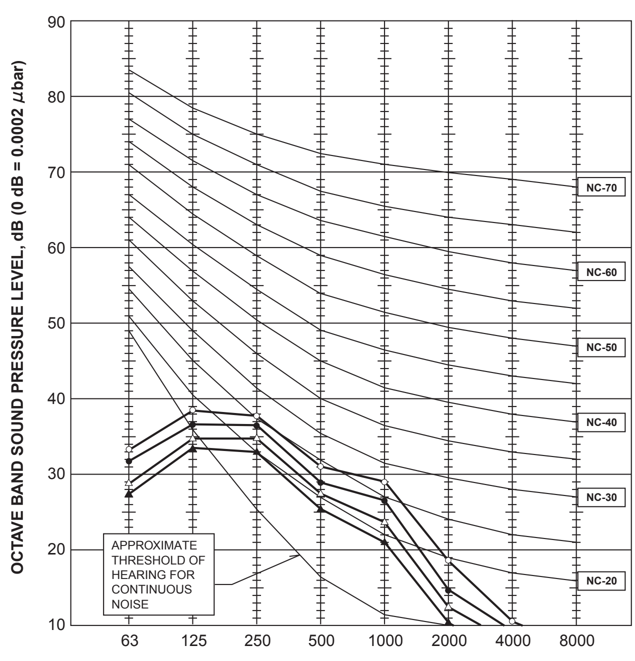
PLA-A24BA6

NOTCH	SPL(dB)	LINE
High	32	○—○
Medium1	31	●—●
Medium2	29	△—△
Low	28	▲—▲



PLA-A30BA6

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

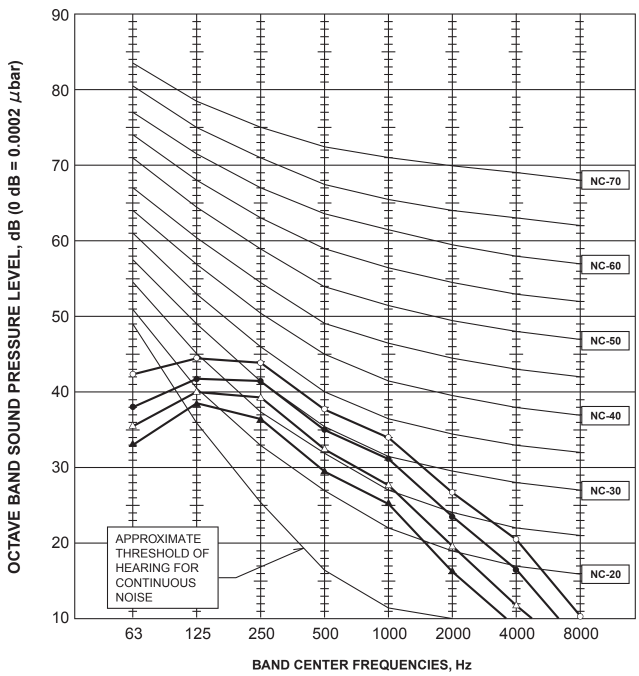


Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

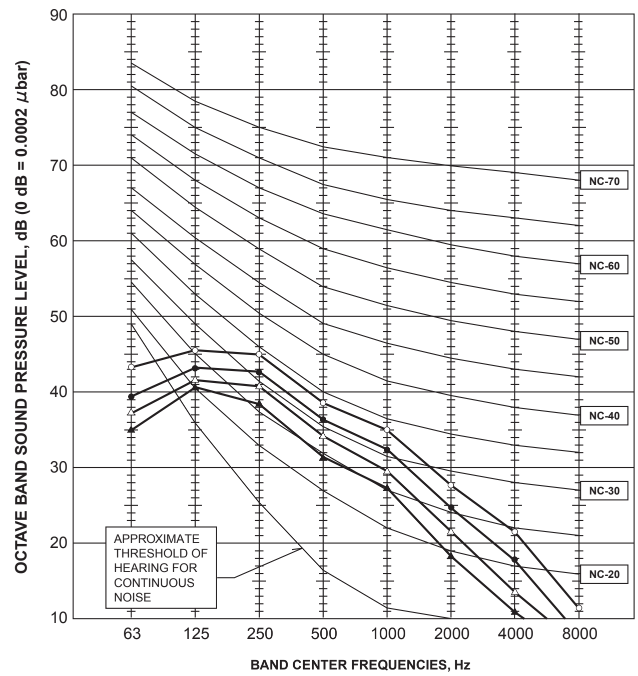
PLA-A36BA6

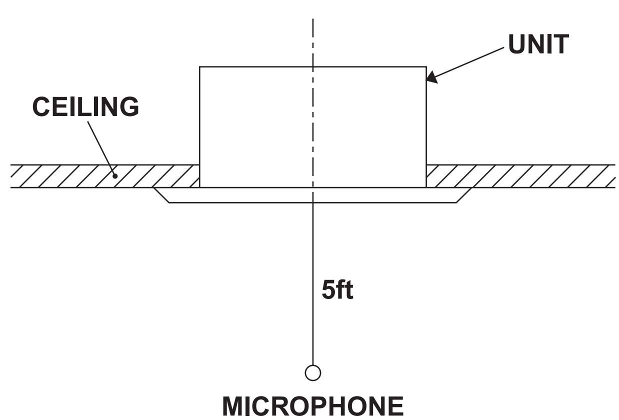
NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	32	▲—▲



PLA-A42BA6

NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	●—●
Medium2	36	△—△
Low	34	▲—▲

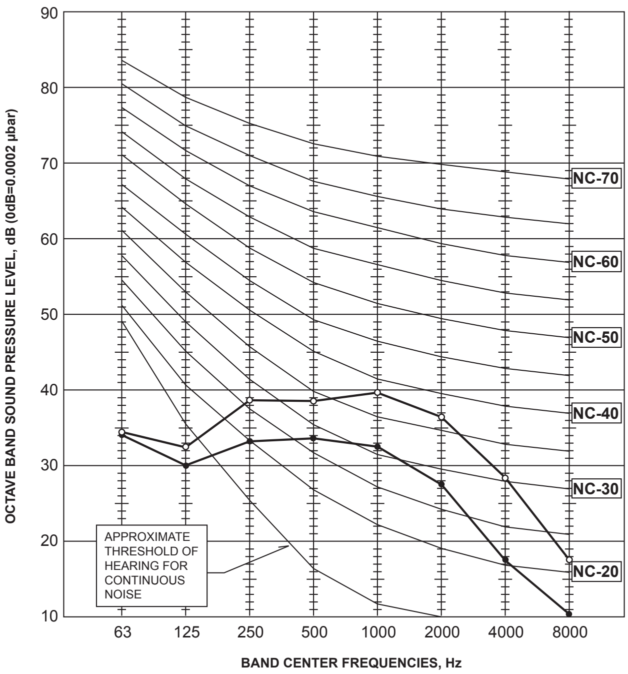




Due to continuing improvement, above specification may be subject to change without notice.

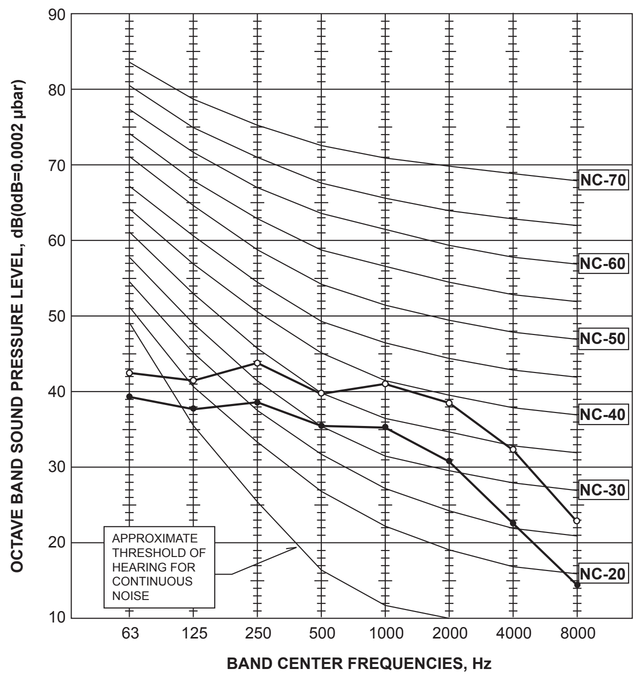
PKA-A12HA6
PKA-A18HA6

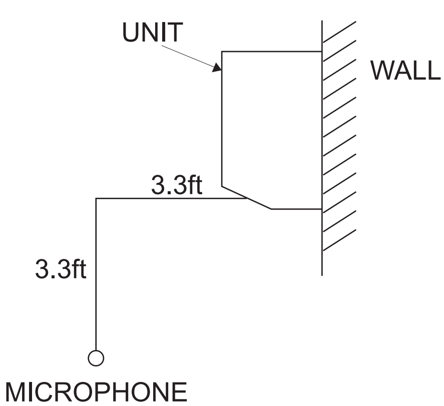
NOTCH	SPL(dB)	LINE
High	43	○—○
Low	36	●—●



PKA-A24KA6
PKA-A30KA6

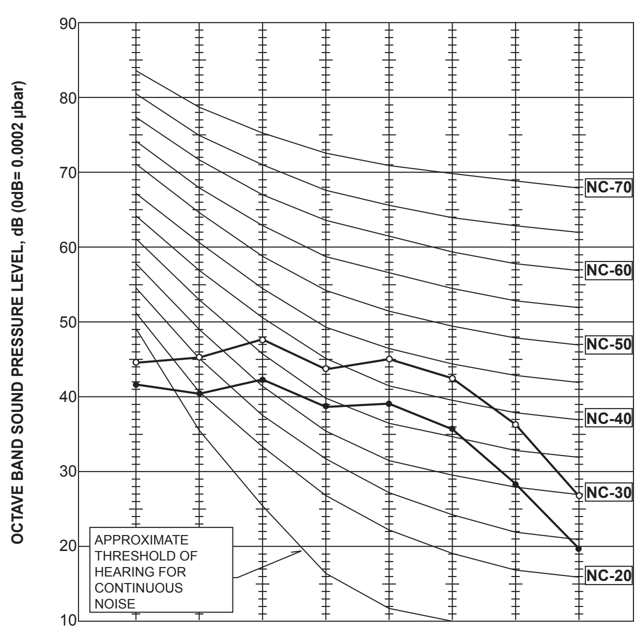
NOTCH	SPL(dB)	LINE
High	45	○—○
Low	39	●—●





PKA-A36KA6

NOTCH	SPL(dB)	LINE
High	49	○—○
Low	43	●—●

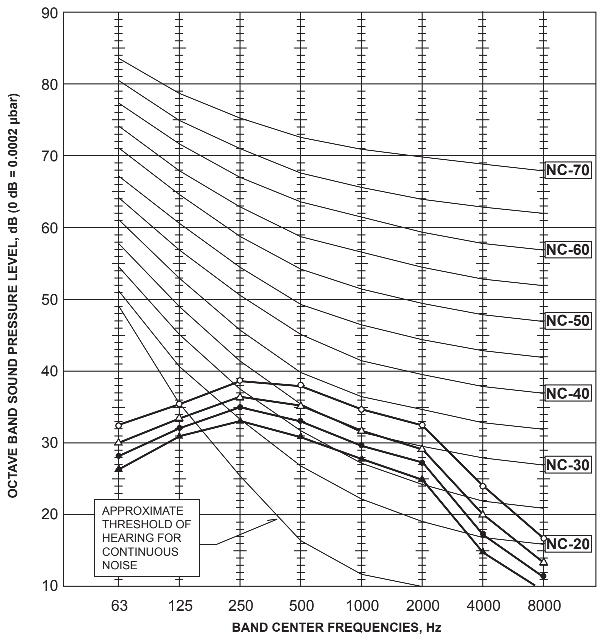


Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

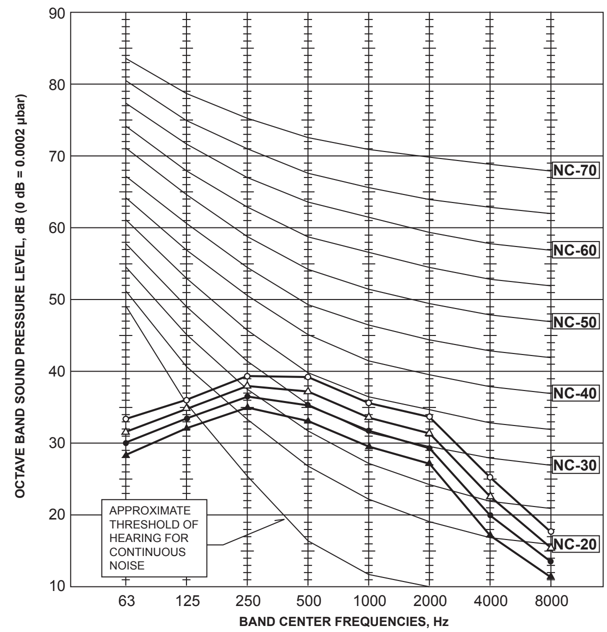
PCA-A24KA6

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



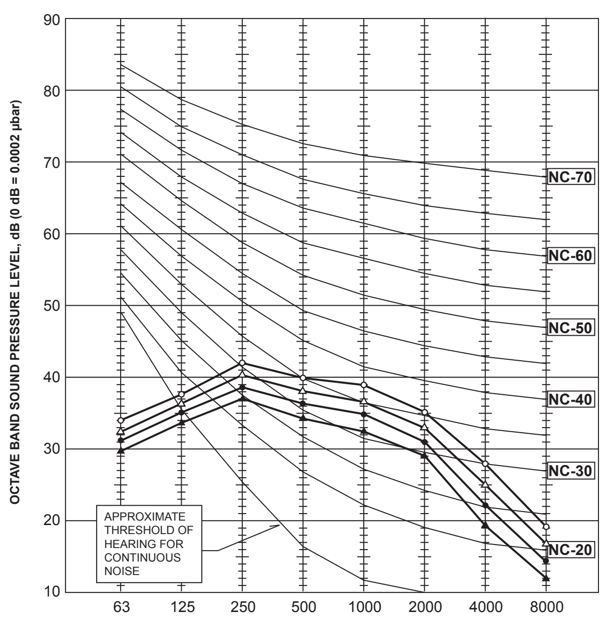
PCA-A30KA6

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



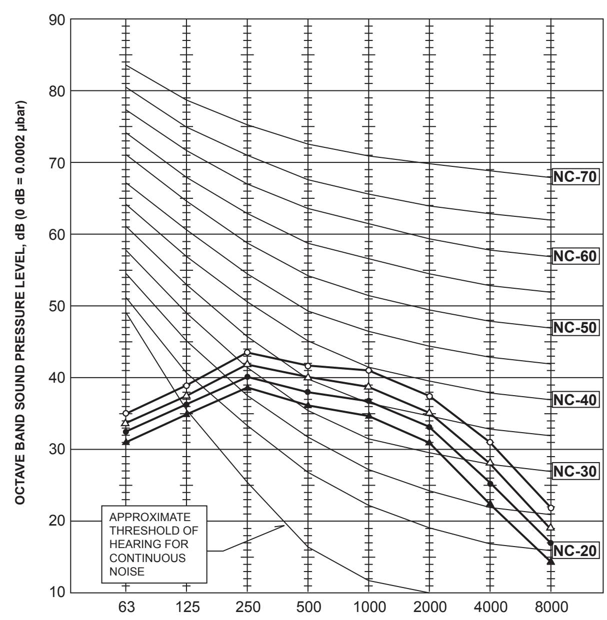
PCA-A36KA6

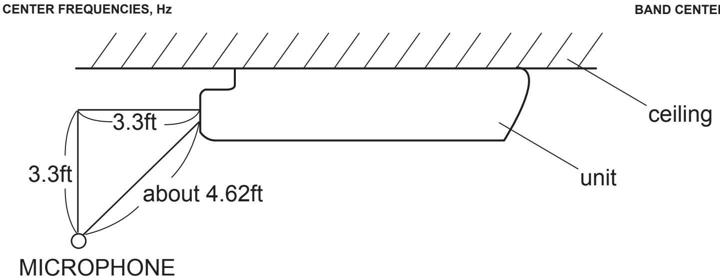
NOTCH	SPL(dB)	LINE
High	43	○—○
Medium1	41	△—△
Medium2	39	●—●
Low	37	▲—▲



PCA-A42KA6

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





Due to continuing improvement, above specification may be subject to change without notice.

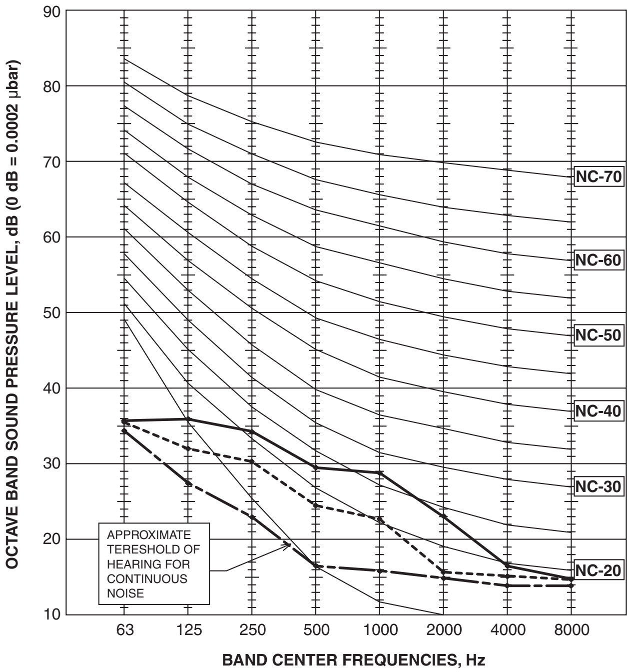
11. NOISE CRITERION CURVES

PEA-A12AA6

External static pressure :
0.020[in.WG](5Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	33	———
Middle	28	- - - -
Low	23	— - —

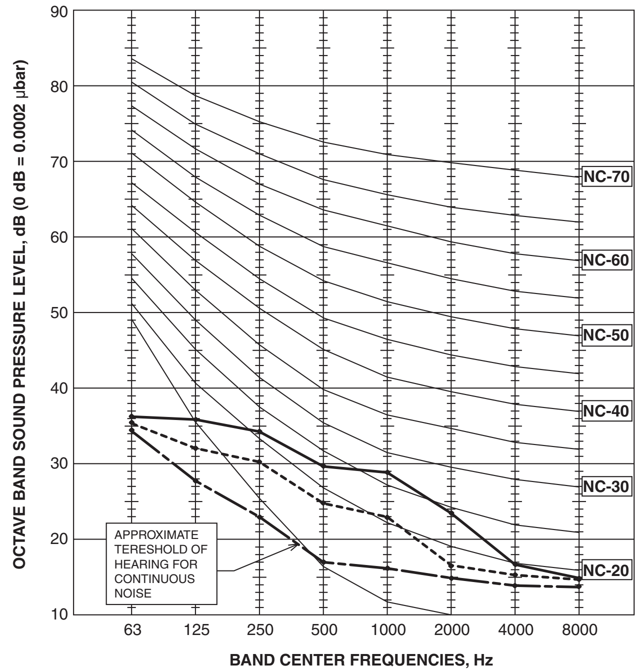


PEA-A12AA6

External static pressure :
0.060[in.WG](15Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	33	———
Middle	28	- - - -
Low	23	— - —

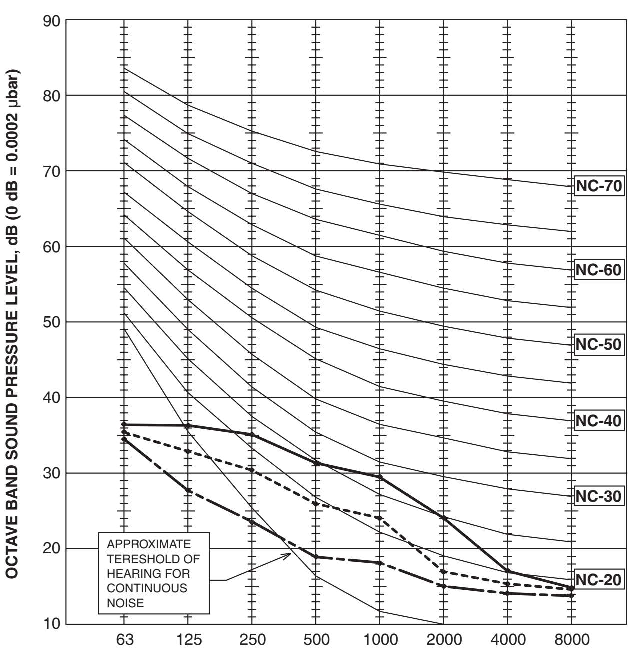


PEA-A12AA6

External static pressure :
0.140[in.WG](35Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	34	———
Middle	29	- - - -
Low	24	— - —

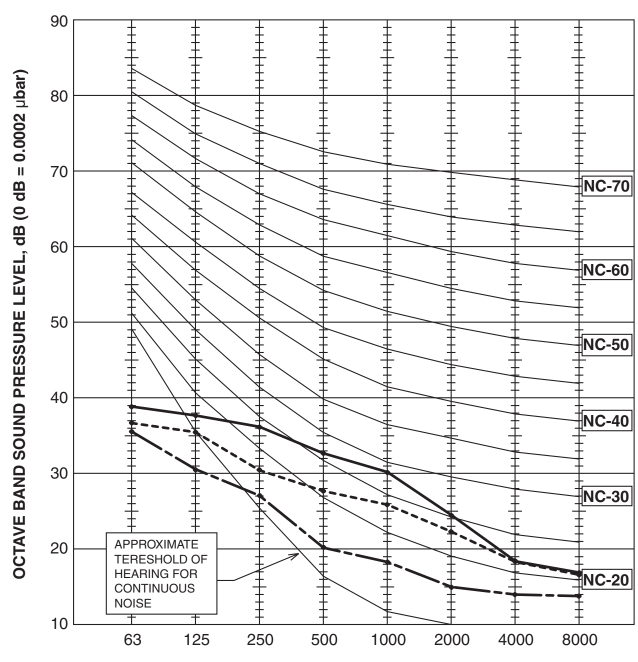


PEA-A12AA6

External static pressure :
0.200[in.WG](50Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	35	———
Middle	31	- - - -
Low	25	— - —



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.

Due to continuing improvement, above specification may be subject to change without notice.

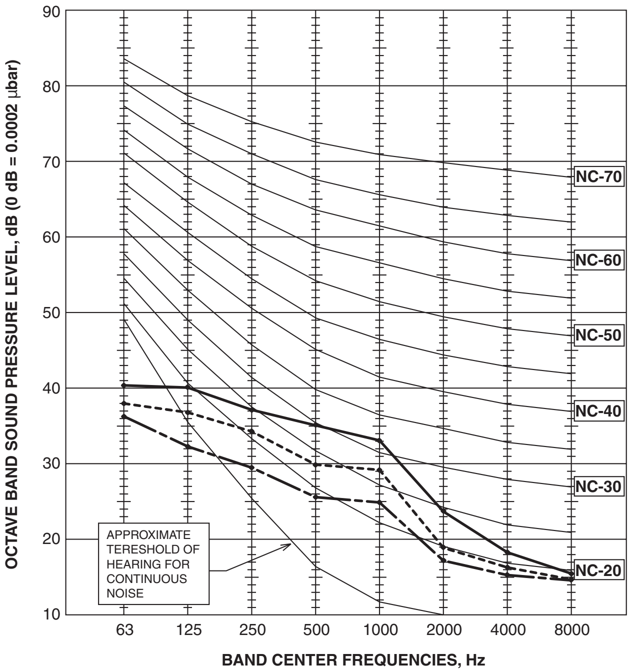
11. NOISE CRITERION CURVES

PEA-A18AA6

External static pressure :
0.020[in.WG](5Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	37	——
Middle	33	- - - -
Low	29	— —

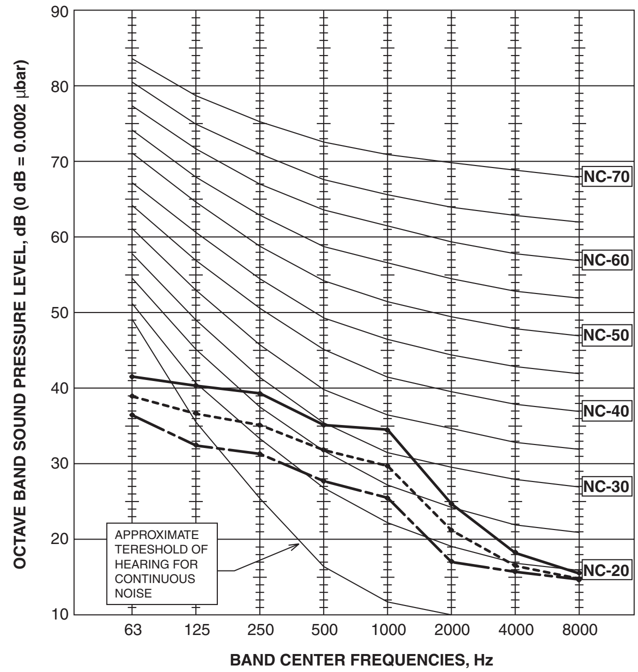


PEA-A18AA6

External static pressure :
0.060[in.WG](15Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	38	——
Middle	34	- - - -
Low	30	— —

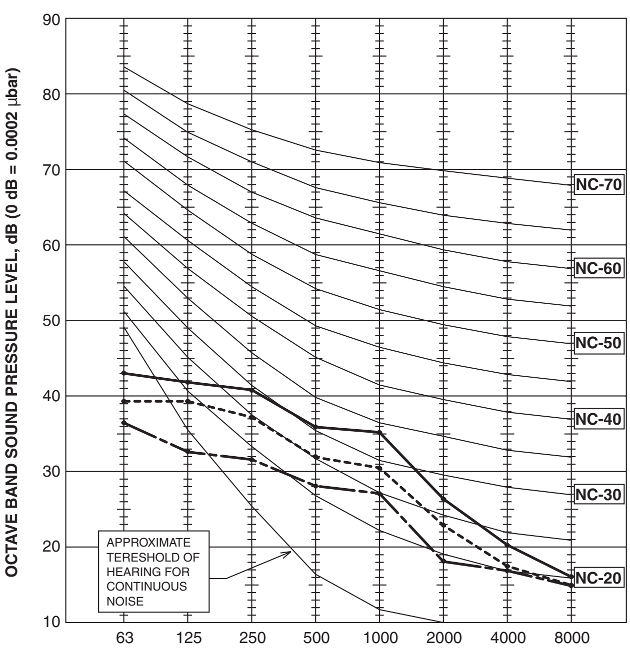


PEA-A18AA6

External static pressure :
0.140[in.WG](35Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	39	——
Middle	35	- - - -
Low	31	— —

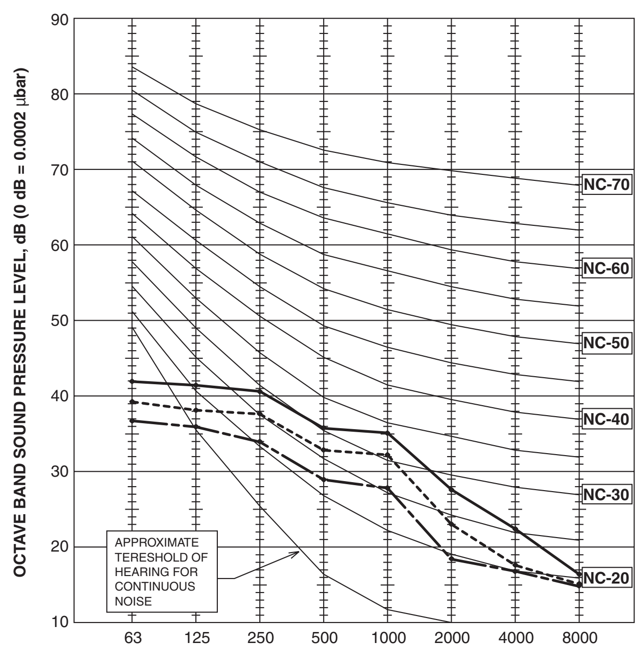


PEA-A18AA6

External static pressure :
0.200[in.WG](50Pa)

<60Hz>

NOTCH	SPL(dB)	LINE
High	39	——
Middle	36	- - - -
Low	32	— —

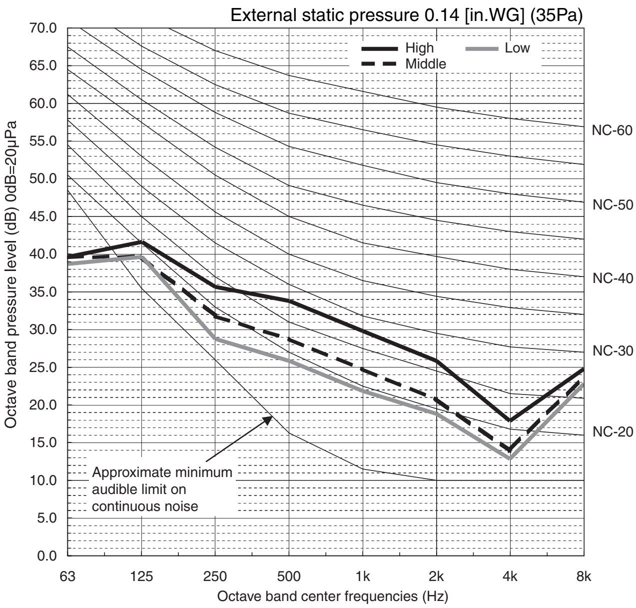


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

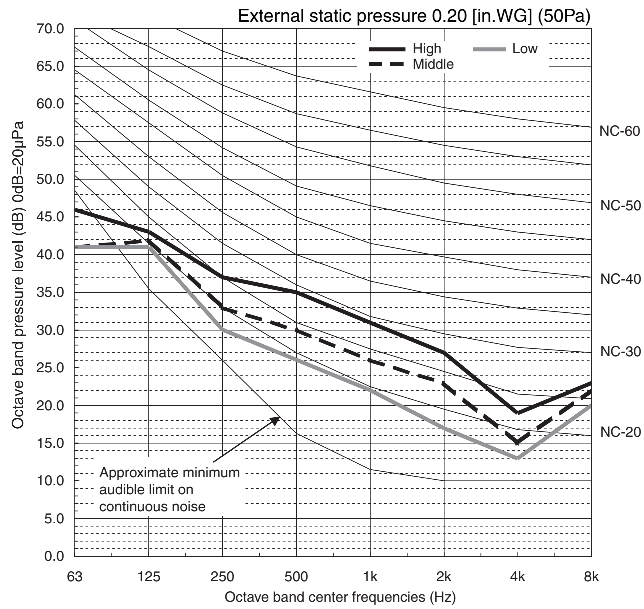
Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

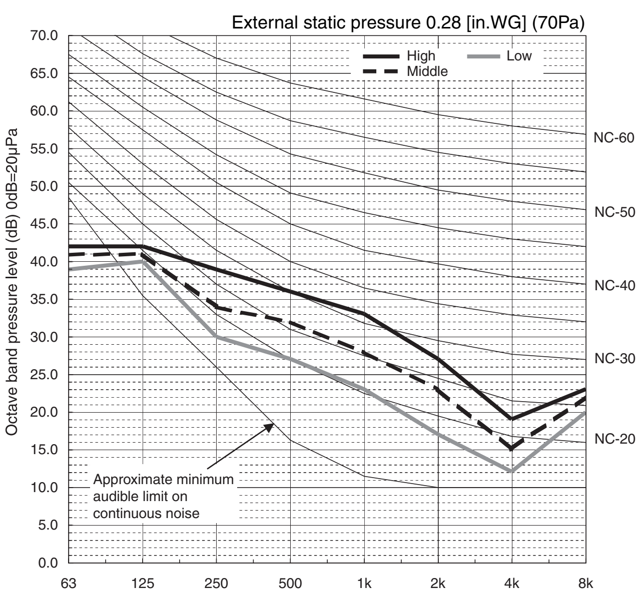
PEAD-A24AA5



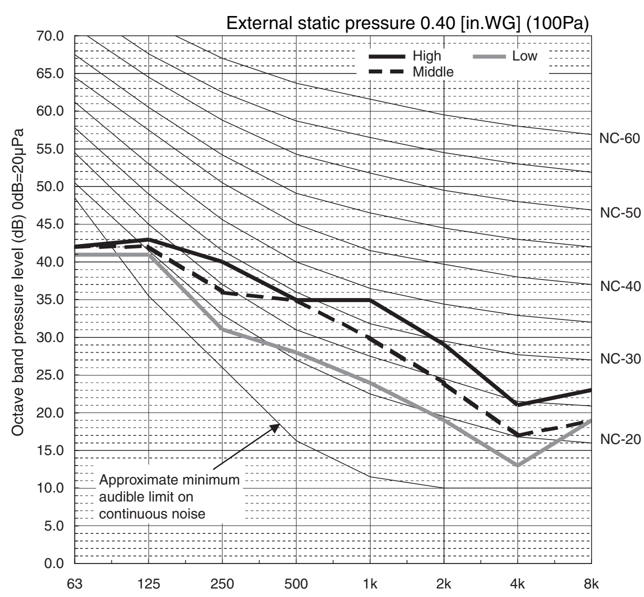
PEAD-A24AA5



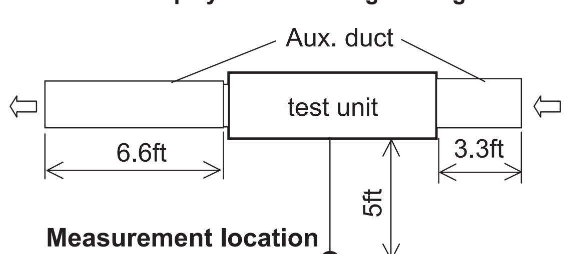
PEAD-A24AA5



PEAD-A24AA5



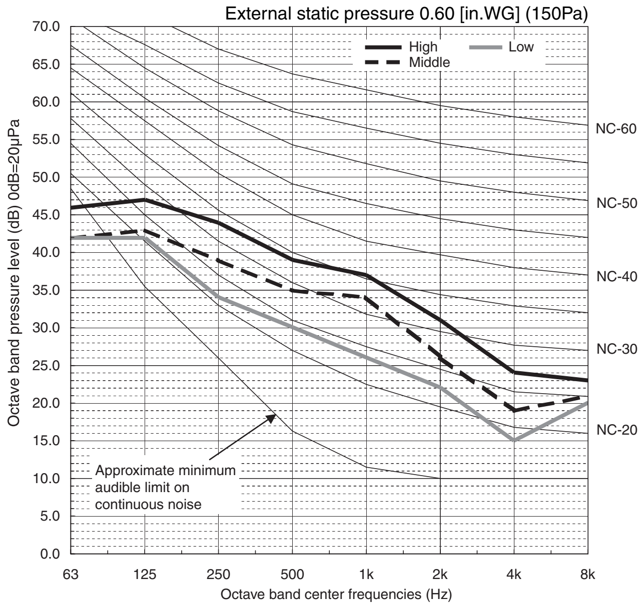
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.



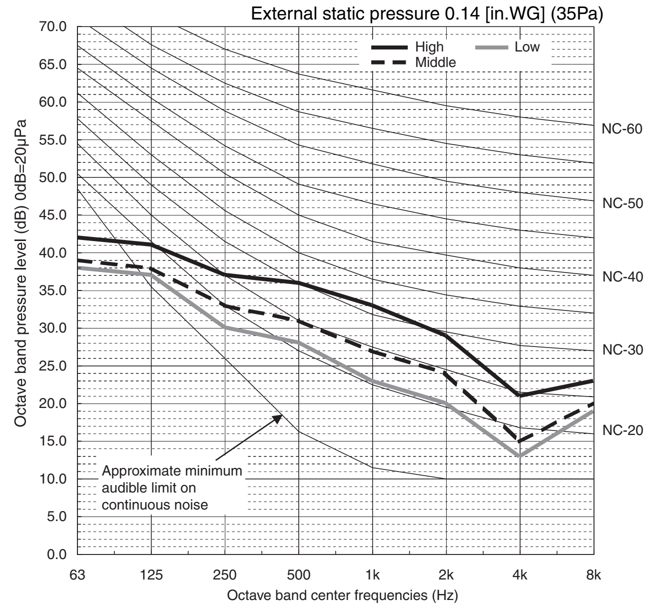
Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

PEAD-A24AA5

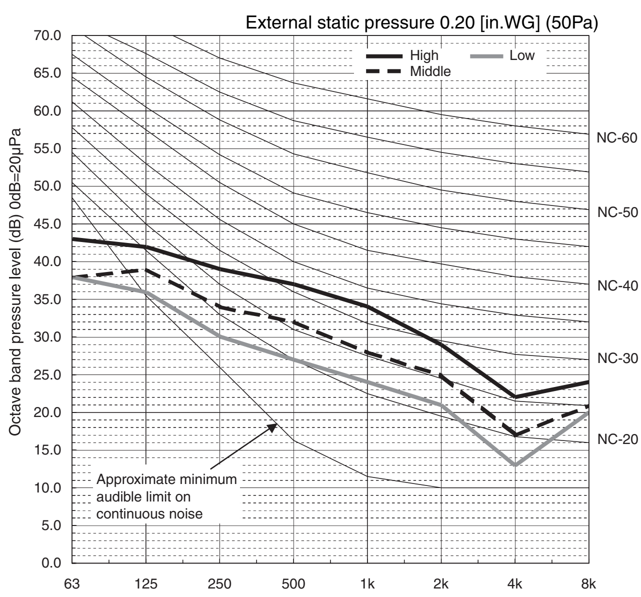


PEAD-A30AA5

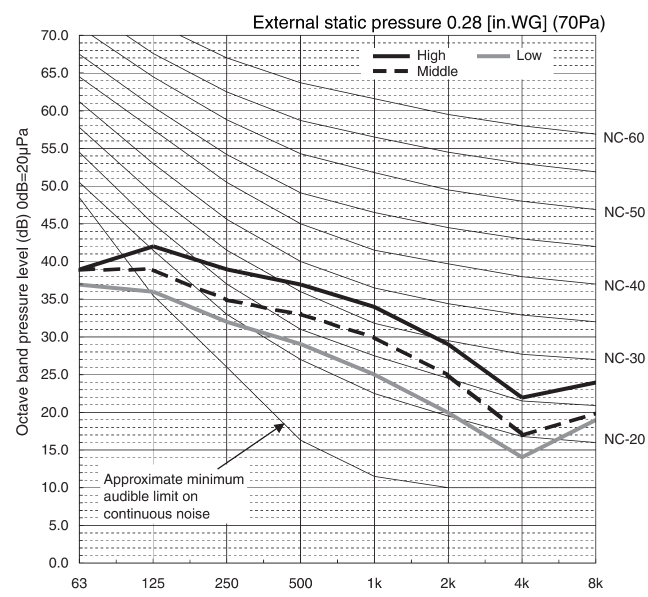


BAND CENTER FREQUENCIES, Hz

PEAD-A30AA5



PEAD-A30AA5

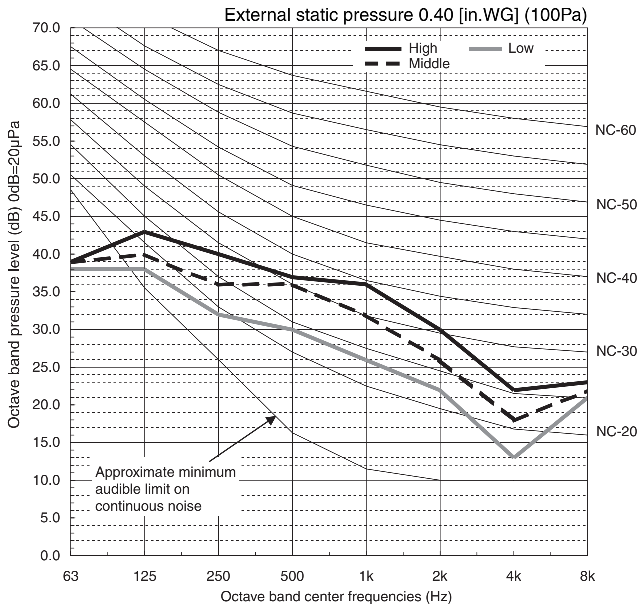


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

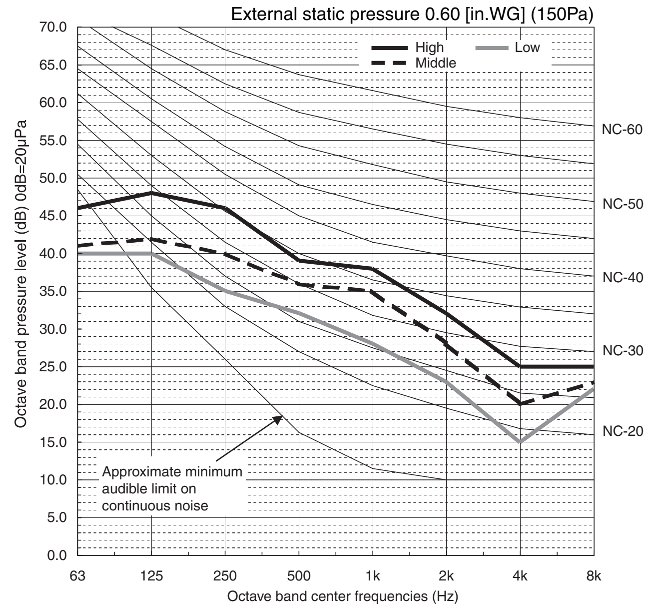
Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

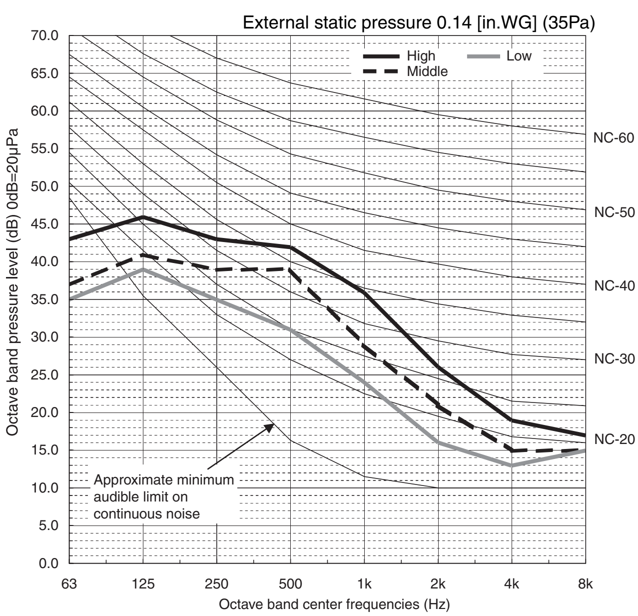
PEAD-A30AA5



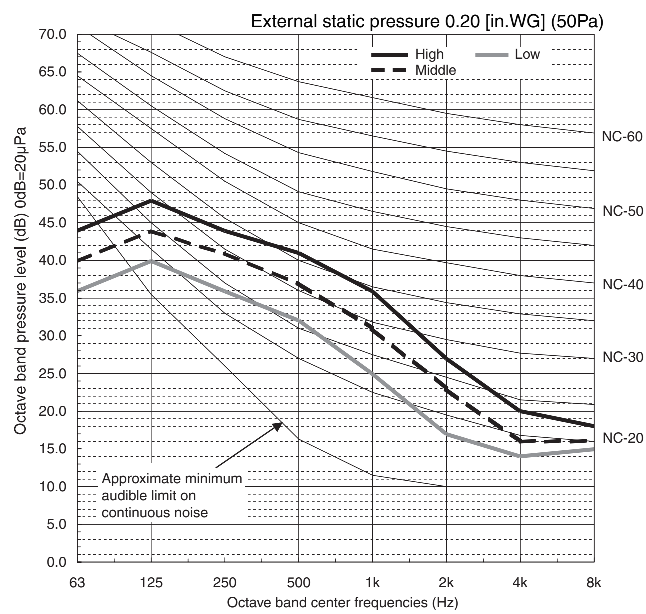
PEAD-A30AA5



PEAD-A36AA5



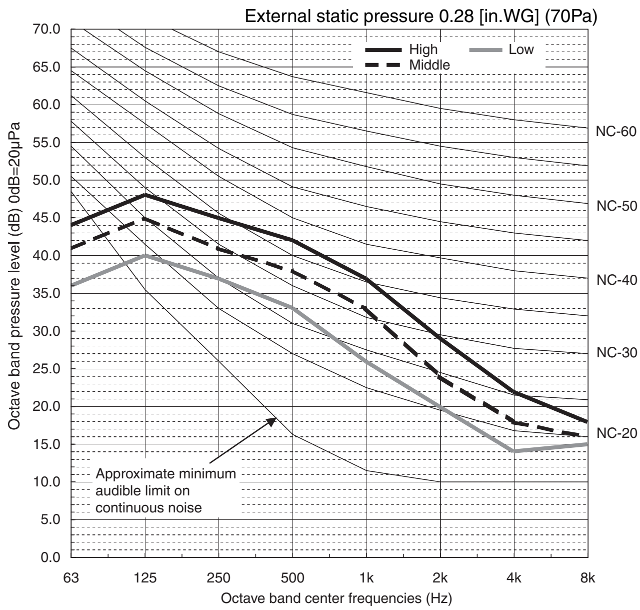
PEAD-A36AA5



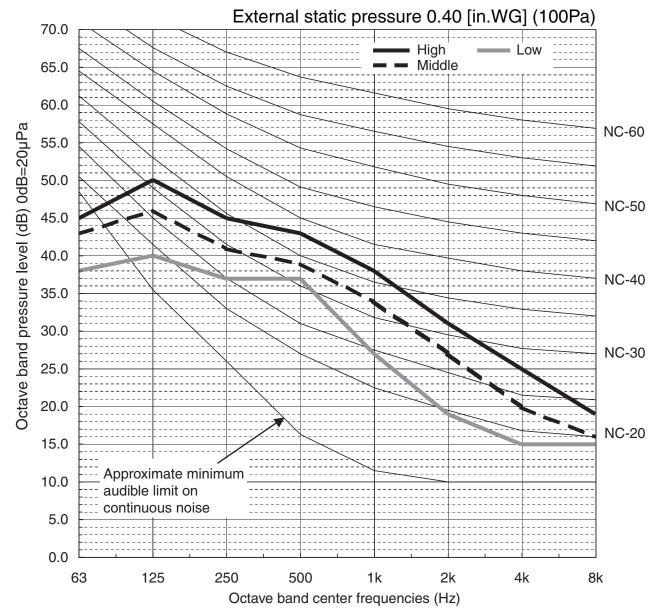
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

11. NOISE CRITERION CURVES

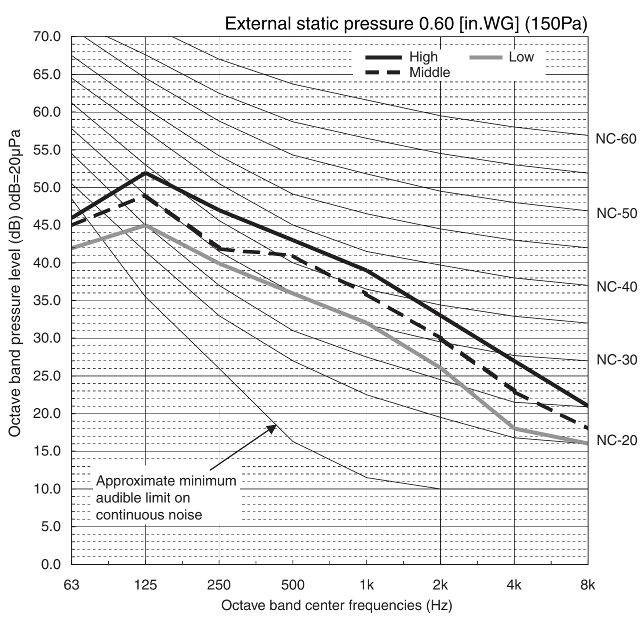
PEAD-A36AA5



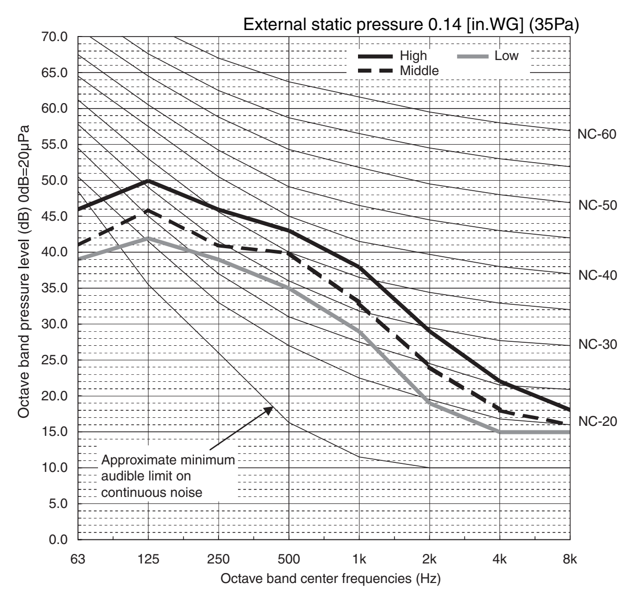
PEAD-A36AA5



PEAD-A36AA5



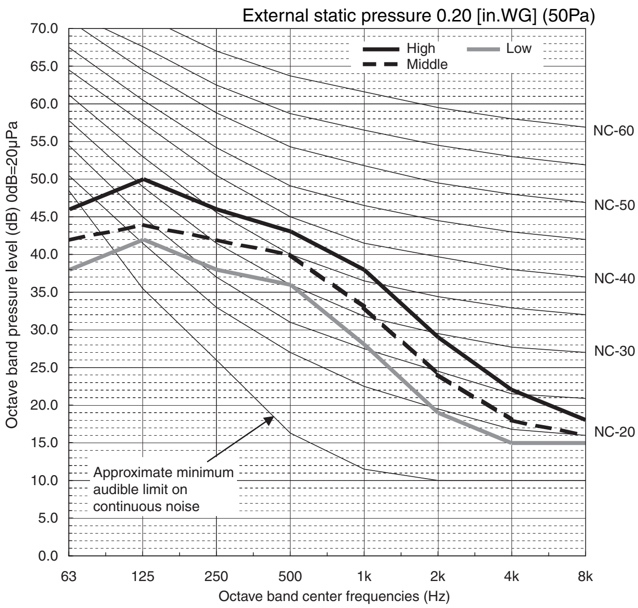
PEAD-A42AA5



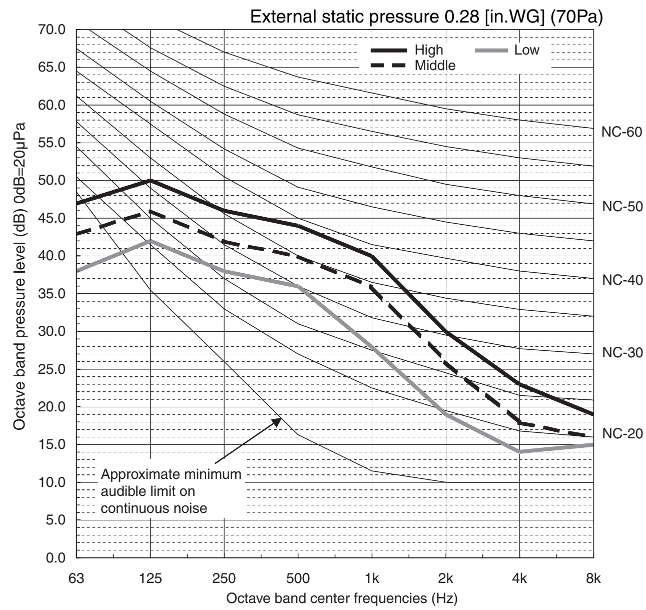
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

11. NOISE CRITERION CURVES

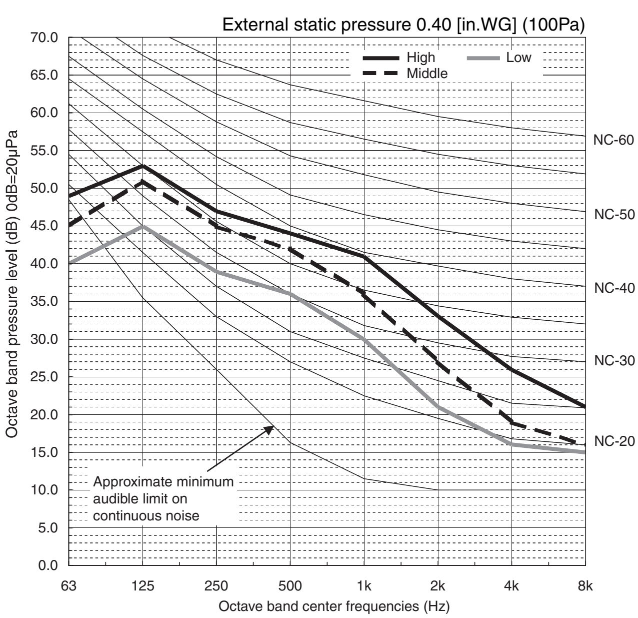
PEAD-A42AA5



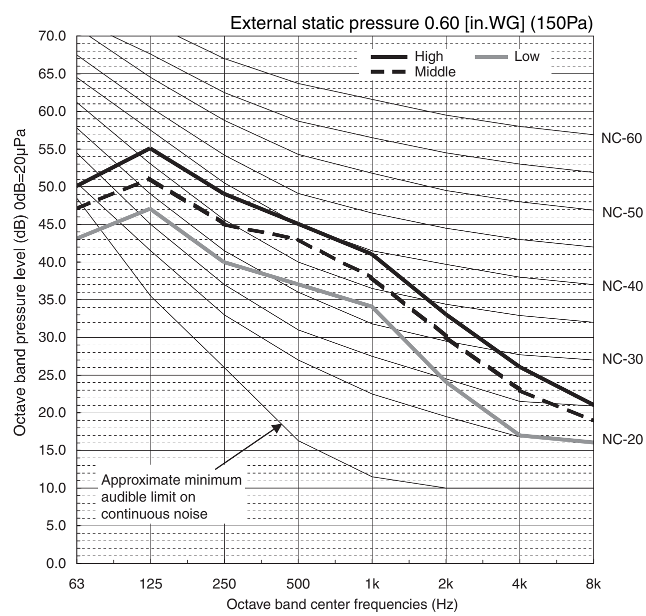
PEAD-A42AA5



PEAD-A42AA5



PEAD-A42AA5

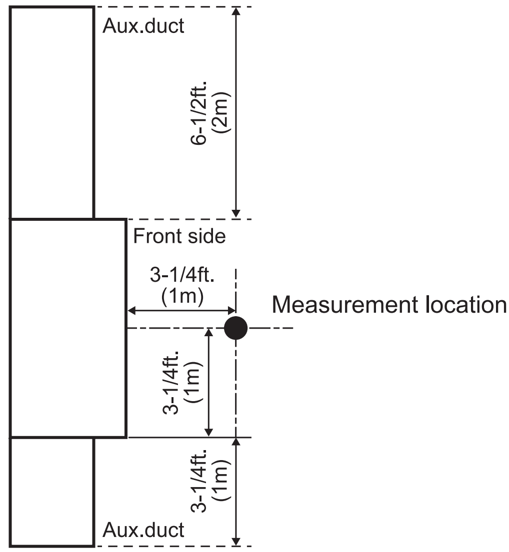


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

Due to continuing improvement, above specification may be subject to change without notice.

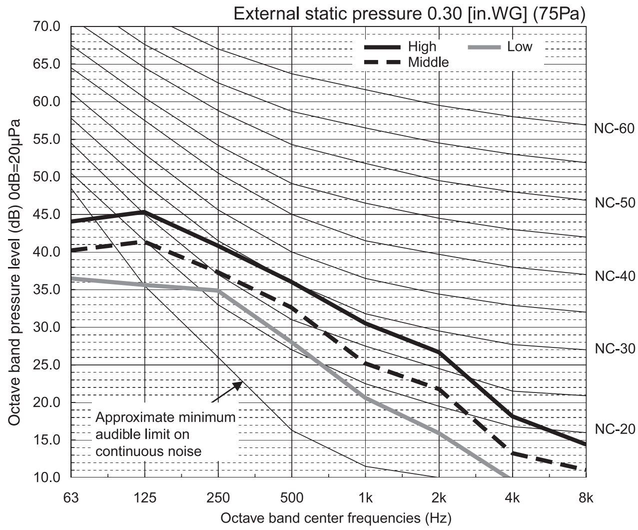
Sound pressure level

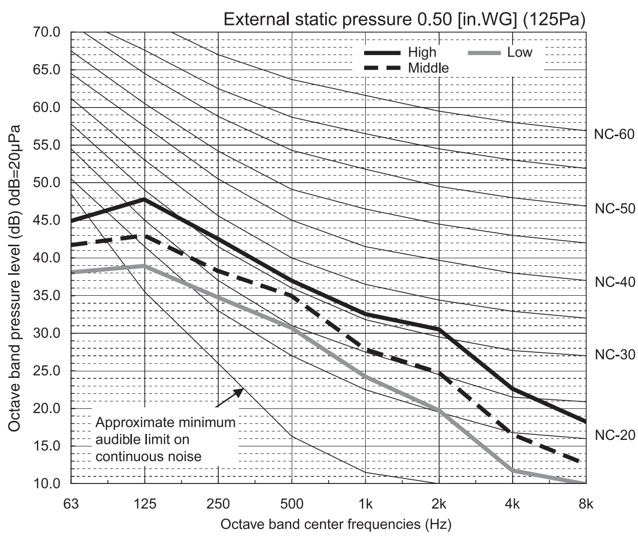
Ceiling concealed

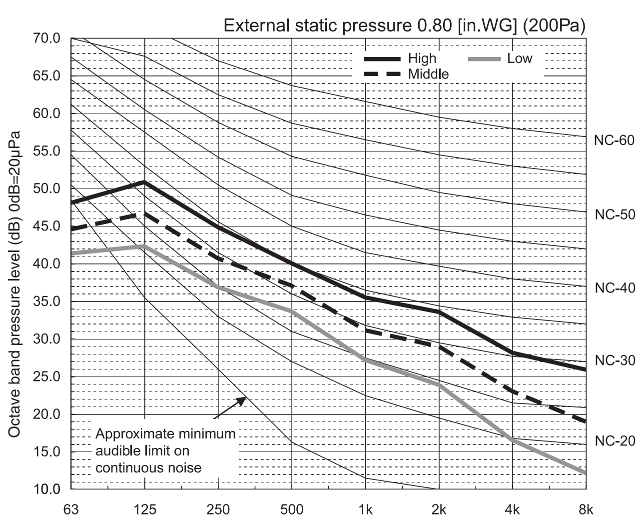


Due to continuing improvement, above specification may be subject to change without notice.

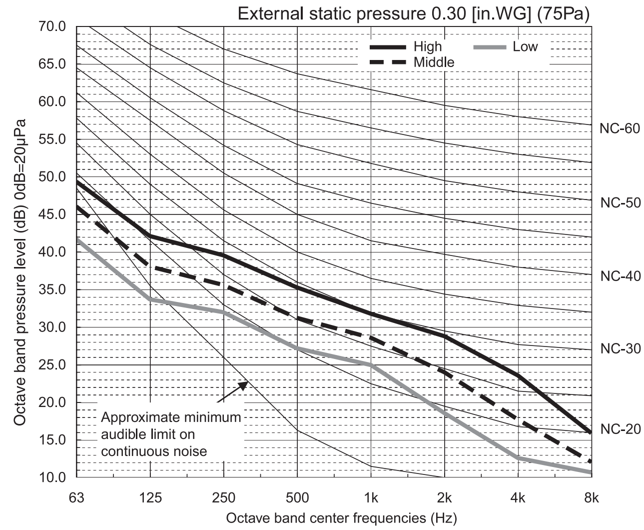
PVA-A30AA4

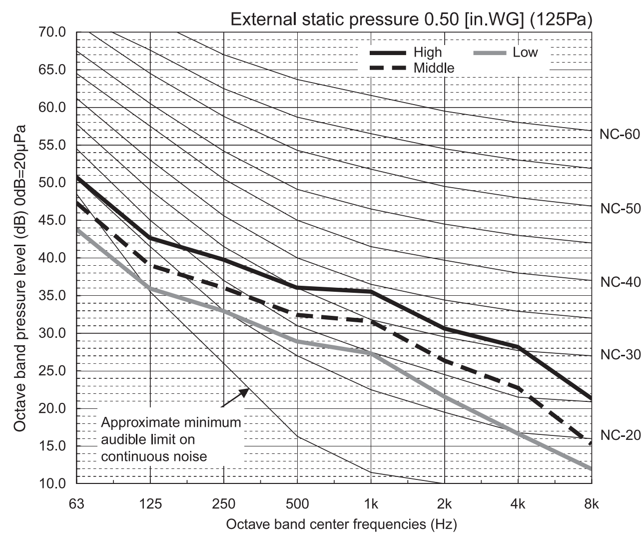


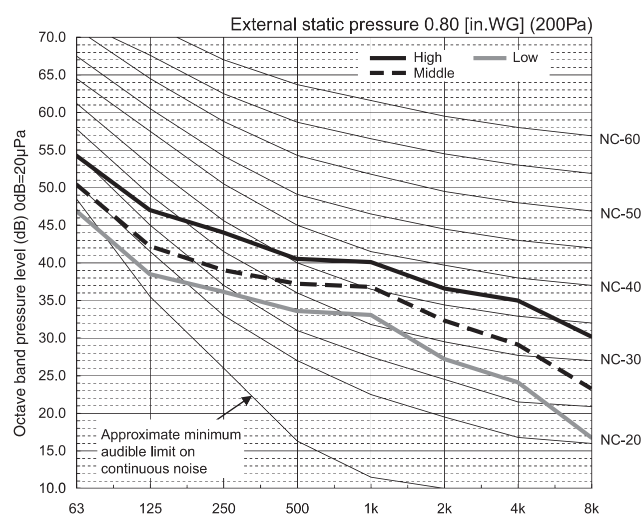




PVA-A36AA4

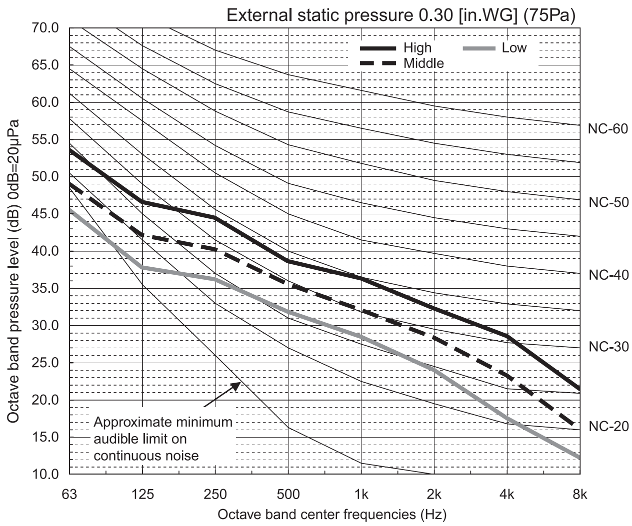


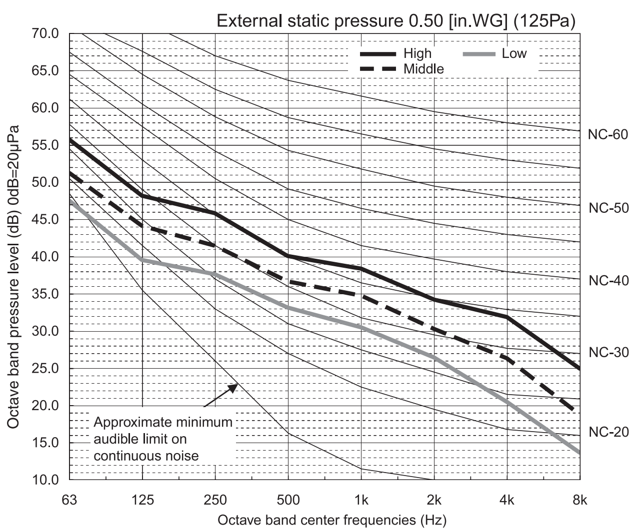


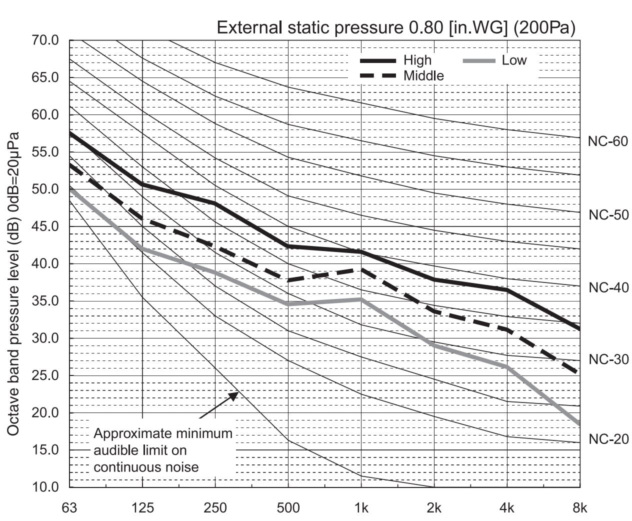


Due to continuing improvement, above specification may be subject to change without notice.

PVA-A42AA4







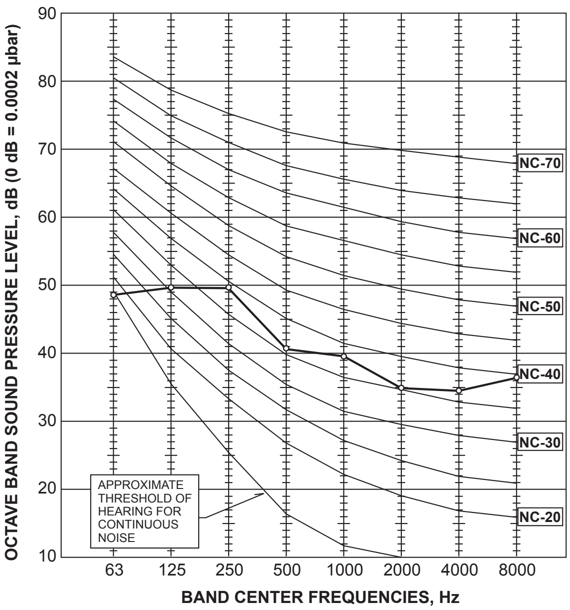
Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

11-2. OUTDOOR UNIT

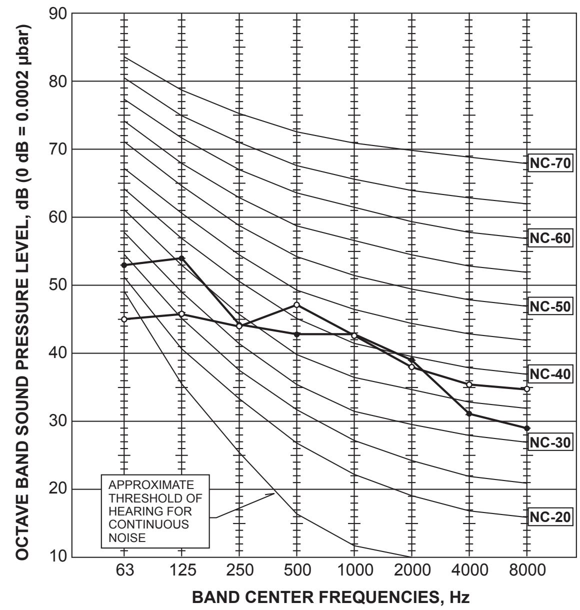
PUY-A12NHA6
PUY-A12NHA6-BS

MODE	SPL(dB)	LINE
COOLING	46	○—○



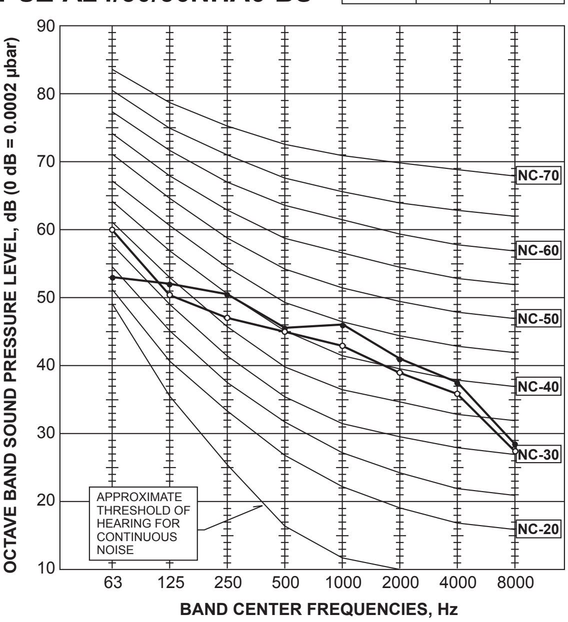
PUY-A18NHA6
PUY-A18NHA6-BS
PUZ-A18NHA6
PUZ-A18NHA6-BS

MODE	SPL(dB)	LINE
COOLING	48	○—○
HEATING	47	●—●



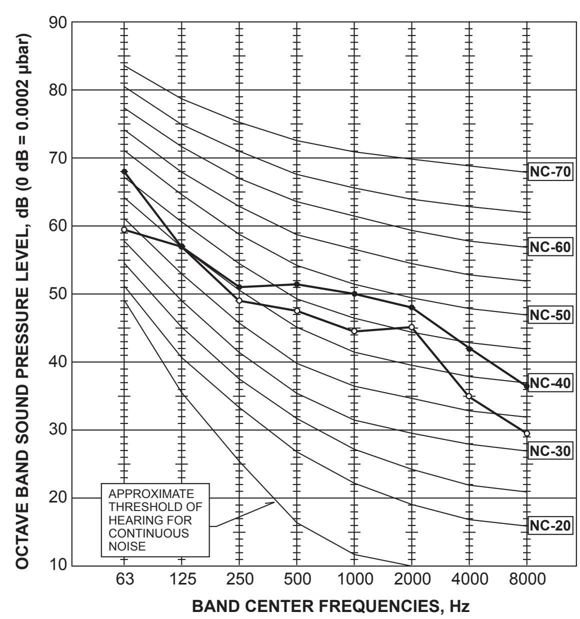
PUY-A24/30/36NHA6
PUY-A24/30/36NHA6-BS
PUZ-A24/30/36NHA6
PUZ-A24/30/36NHA6-BS

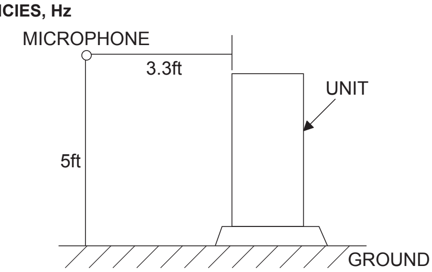
MODE	SPL(dB)	LINE
COOLING	48	○—○
HEATING	50	●—●



PUZ-A42NHA6
PUY-A42NHA6

MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	55	●—●



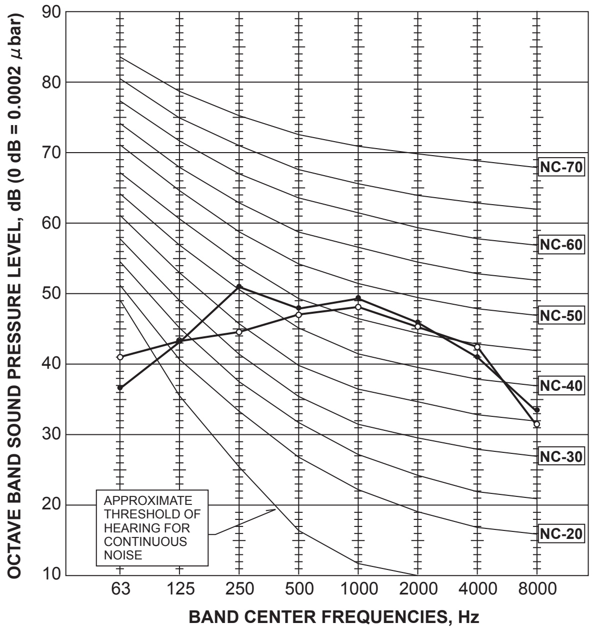


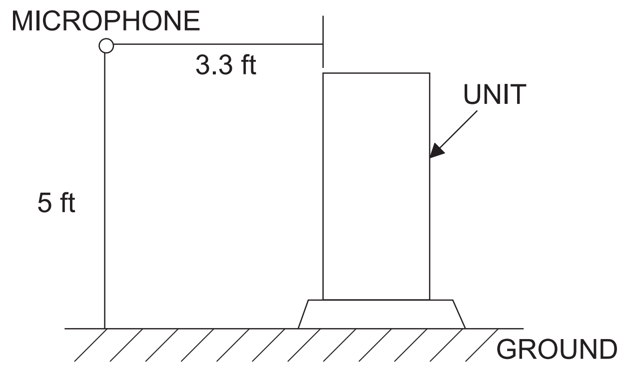
Due to continuing improvement, above specification may be subject to change without notice.

11. NOISE CRITERION CURVES

PUZ-HA30NHA5
PUZ-HA36NHA5

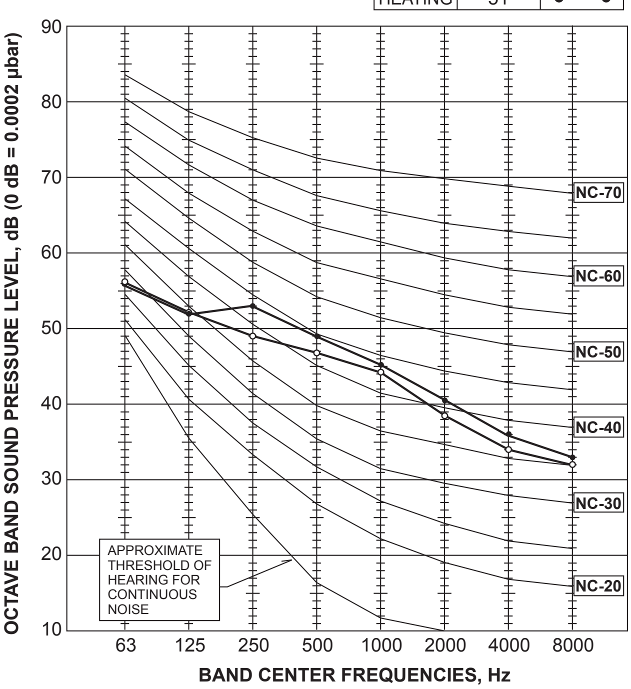
MODE	SPL(dB)	LINE
COOLING	52	○—○
HEATING	53	●—●





PUZ-HA42NKA

MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●



Due to continuing improvement, above specification may be subject to change without notice.

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