

PVFY-P-NAMU-E

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1. SPECIFICATIONS

Model			PVFY-P12NAMU-E	PVFY-P18NAMU-E	PVFY-P24NAMU-E	PVFY-P30NAMU-E
Power source			1-phase 208/230v 60Hz			
Cooling capacity *1 (Nominal)		Btu / h	12,000	18,000	24,000	30,000
		kW	3.5	5.3	7.0	8.8
	Power input *2	kW	0.080	0.130	0.180	0.210
	Current input *2	A	0.80/0.70	1.20/1.10	1.60/1.40	2.00/1.70
Heating capacity *3 (Nominal)		Btu / h	13,500	20,000	27,000	34,000
		kW	4.0	5.9	7.9	10.0
	Power input *2	kW	0.080	0.130	0.180	0.210
	Current input *2	A	0.80/0.70	1.20/1.10	1.60/1.40	2.00/1.70
MCA		A	3.00/3.00	3.00/3.00	3.00/3.00	4.13/4.13
Maximum Fuse Size			15	15	15	15
External finish			Galvanized steel cabinet-Powder coated Slate Gray			
External dimension H x W x D		in.	50-1/4 X 17 X 21-5/8	50-1/4 X 17 X 21-5/8	50-1/4 X 17 X 21-5/8	54-1/4 X 21 X 21-5/8
		mm	1,275 X 432 X 548	1,275 X 432 X 548	1,275 X 432 X 548	1,378 X 534 X 548
Net weight		Lbs (kg)	113 (51)	113 (51)	113 (51)	141 (64)
Heat exchanger			Cross fin(aluminium fin and copper tube)			
Fan *4	Type x quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1
	External	in.WG	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>
	Static pressure	PA	<75> - 125 - <200>	<75> - 125 - <200>	<75> - 125 - <200>	<75> - 125 - <200>
	Motor type		DC motor			
	Driving mechanism		Direct-driven by motor			
	Airflow rate (Low-Mid-High)	cfm	280 - 340 - 400	410 - 497 - 585	515 - 625 - 735	613 - 744 - 875
		m³ / min.	7.9 - 9.6 - 11.3	11.6 - 14.1 - 16.6	14.6 - 17.7 - 20.8	17.3 - 21.1 - 24.8
		L / s	132 - 160 - 188	193 - 235 - 277	243 - 295 - 347	288 - 352 - 413
Sound pressure level (Low-Mid-High) (Measured in anechoic room) *2		dB <A>	27-31-35	28-32-36	30-34-38	32-36-40
Insulation material			EPS, Polyethylene foam, Urethane foam			
Air filter			PP honeycomb fabric.			
Protection Device			Fuse			
Refrigerant Control Device			LEV			
Connectable Outdoor Unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35)Braze	1/4 (6.35)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze
	Gas (R410A)	in. (mm)	1/2 (12.7)Braze	1/2 (12.7)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze
Field drain pipe size		in. (mm)	3/4 (19.05) FPT	3/4 (19.05) FPT	3/4 (19.05) FPT	3/4 (19.05) FPT
Drawing	External		PA94C316			
	Wiring		PA94C110			
Standard	Document		Installation manual, instruction book			
Attachment	Accessory		Tie band, Plastic tube, Drain pan seal			
Optional Parts	External heater adaptor		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
Remark		* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Note:	*1 Nominal cooling conditions	*3 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
	(26.7degC D.B. / 19.4degC W.B.)		BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm = m3/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
2.The values are measured at the factory setting of external static pressure.			
4.The factory setting of external static pressure is shown without < >.			
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			

1. SPECIFICATIONS

Model			PVFY-P36NAMU-E	PVFY-P48NAMU-E	PVFY-P54NAMU-E
Power source			1-phase 208/230v 60Hz		
Cooling capacity *1 (Nominal)		Btu / h	36,000	48,000	54,000
		kW	10.6	14.1	15.8
	Power input *2	kW	0.340	0.420	0.480
	Current input *2	A	3.00/2.70	3.50/3.30	3.90/3.70
Heating capacity *3 (Nominal)		Btu / h	40,000	54,000	60,000
		kW	11.7	15.8	17.6
	Power input *2	kW	0.340	0.420	0.480
	Current input *2	A	3.00/2.70	3.50/3.30	3.90/3.70
MCA		A	4.13/4.13	5.63/5.63	5.63/5.63
Maximim Fuse Size		A	15	15	15
External finish			Galvanized steel cabinet-Powder coated Slate Gray		
External dimension H x W x D		in.	54-1/4 X 21 X 21-5/8	59-1/2 X 25 X 21-5/8	59-1/2 X 25 X 21-5/8
		mm	1,378 X 534 X 548	1,511 X 635 X 548	1,511 X 635 X 548
Net weight		Lbs (kg)	141 (64)	172 (78)	172 (78)
Heat exchanger			Cross fin(aluminium fin and copper tube)		
Fan *4	Type x quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1
	External	in.WG	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>
	Static pressure	PA	<75> - 125 - <200>	<75> - 125 - <200>	<75> - 125 - <200>
	Motor type		DC motor		
	Driving mechanism		Direct-driven by motor		
	Airflow rate (Low-Mid-High)	cfm	767 - 931 - 1,095	980 - 1,190 - 1,400	1,040 - 1,262 - 1,485
		m³ / min.	21.7 - 26.4 - 31.0	27.7 - 33.7 - 39.6	29.4 - 35.7 - 42.0
		L / s	362 - 440 - 517	462 - 562 - 660	490 - 595 - 700
Sound pressure level (Low-Mid-High) (Measured in anechoic room) *2		dB <A>	35-39-43	35-39-43	36-40-44
Insulation material			EPS, Polyethylene foam, Urethane foam		
Air filter			PP honeycomb fabric.		
Protection Device			Fuse		
Refrigerant Control Device			LEV		
Connectable Outdoor Unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	3/8 (9.52)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed
	Gas (R410A)	in. (mm)	5/8 (15.88)Brazed	5/8 (15.88)Brazed	5/8 (15.88)Brazed
Field drain pipe size		in. (mm)	3/4 (19.05) FPT	3/4 (19.05) FPT	3/4 (19.05) FPT
Drawing	External		PA94C316		
	Wiring		PA94C110		
Standard	Document		Installation manual, instruction book		
Attachment	Accessory		Tie band, Plastic tube, Drain pan seal		
Optional Parts	External heater adaptor		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
Remark		* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Note:	*1 Nominal cooling conditions	*3 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
	(26.7degC D.B. / 19.4degC W.B.)		BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm = m3/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
2.The values are measured at the factory setting of external static pressure.			
4.The factory setting of external static pressure is shown without < >.			
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			

1. SPECIFICATIONS

Electrical characteristics of Indoor unit

Symbols: MCA : Min.Circuit Amps (=1.25xFLA) FLA : Full Load Amps

IFM :Indoor Fan Motor

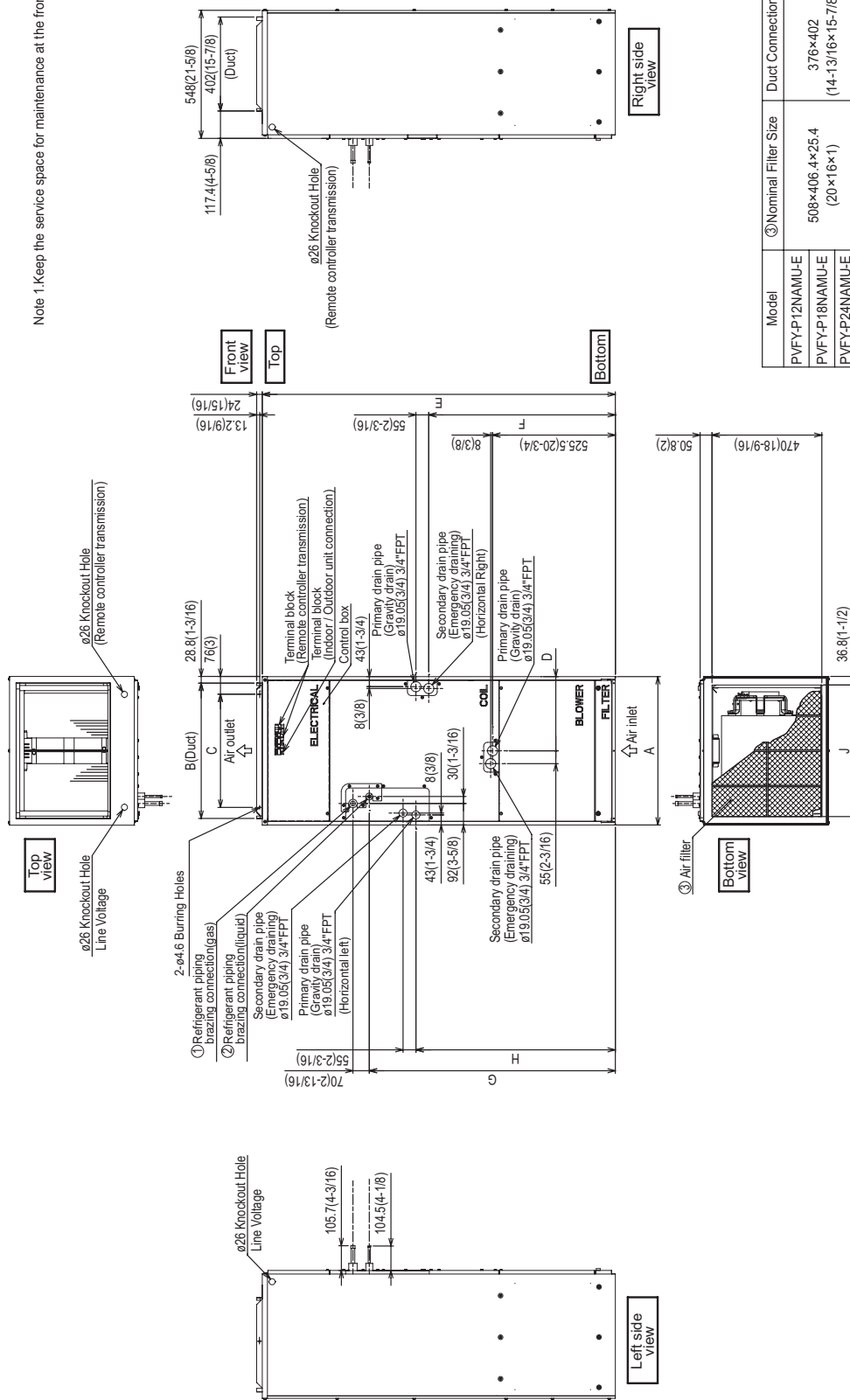
Model	Indoor Unit				IFM
	Hz	Volts	Voltage range	MCA(A)	FLA(A)
PV FY-P12NAMU-E3	60Hz	208 / 230V	198 to 253V	3.00 / 3.00	2.4 / 2.4
PV FY-P18NAMU-E3				3.00 / 3.00	2.4 / 2.4
PV FY-P24NAMU-E3				3.00 / 3.00	2.4 / 2.4
PV FY-P30NAMU-E3				4.13 / 4.13	3.3 / 3.3
PV FY-P36NAMU-E3				4.13 / 4.13	3.3 / 3.3
PV FY-P48NAMU-E3				5.63 / 5.63	4.5 / 4.5
PV FY-P54NAMU-E3				5.63 / 5.63	4.5 / 4.5

2. EXTERNAL DIMENSIONS

PVFX-P12, 18, 24, 30, 36, 48, 54NAMU-E

Unit : mm (in.)

Note 1. Keep the service space for maintenance at the front.



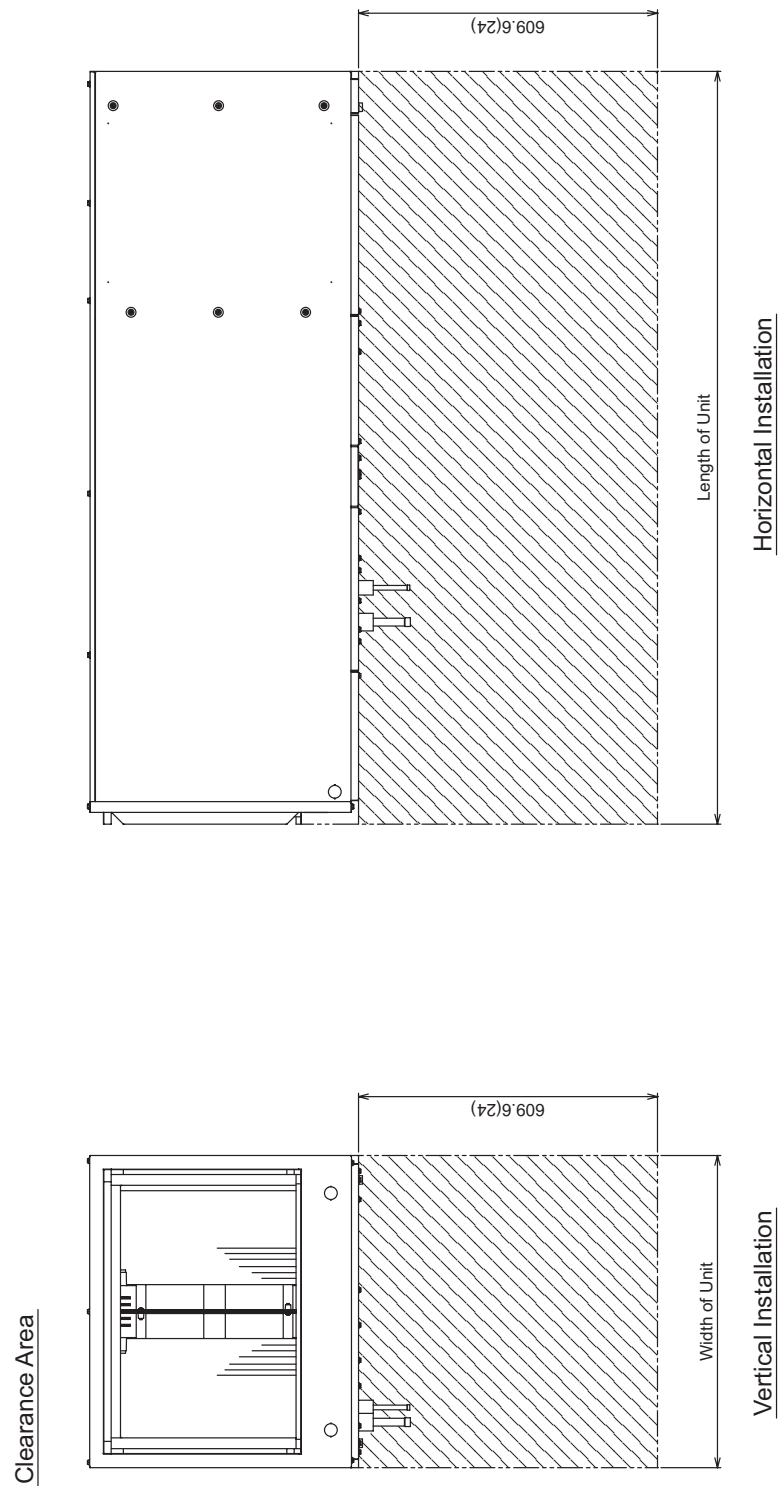
Model	③ Nominal Filter Size	Duct Connection
PVFX-P12NAMU-E	508×406.4×25.4 (20×16×1)	376×402 (14-13/16×15-7/8)
PVFX-P18NAMU-E	508×508×25.4 (20×20×1)	477×402 (18-13/16×15-7/8)
PVFX-P24NAMU-E	508×609.6×25.4 (20×24×1)	579×402 (22-13/16×15-7/8)

Model	Unit:mm(in.)										
	A	B	C	D	E	F	G	H	J	① Gas pipe	② Liquid pipe
PVFX-P12NAMU-E	432 (17)	376 (14-13/16)	281 (11-1/8)	224 (8-7/8)	1275 (50-1/4)	680 (26-13/16)	823 (32-7/16)	735.5 (29)	360 (14-3/16)	ø12.7 (1/2)	ø6.35 (1/4)
PVFX-P18NAMU-E	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)
PVFX-P24NAMU-E	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)		

2. EXTERNAL DIMENSIONS

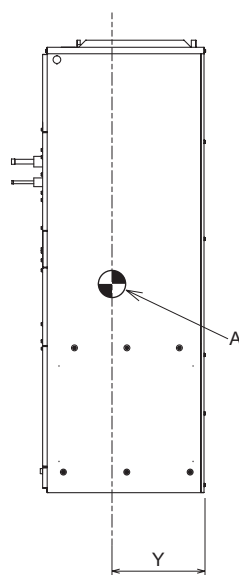
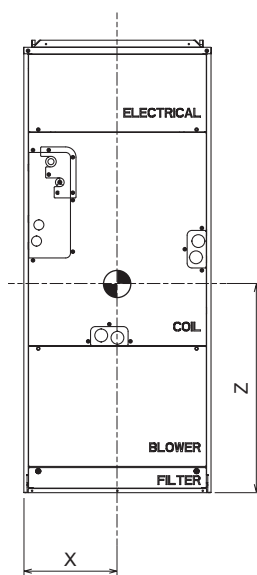
PV FY-P12, 18, 24, 30, 36, 48, 54NAMU-E

Unit : mm (in.)



3. CENTER OF GRAVITY

PV FY-P12, 18, 24, 30, 36, 48, 54NAMU-E



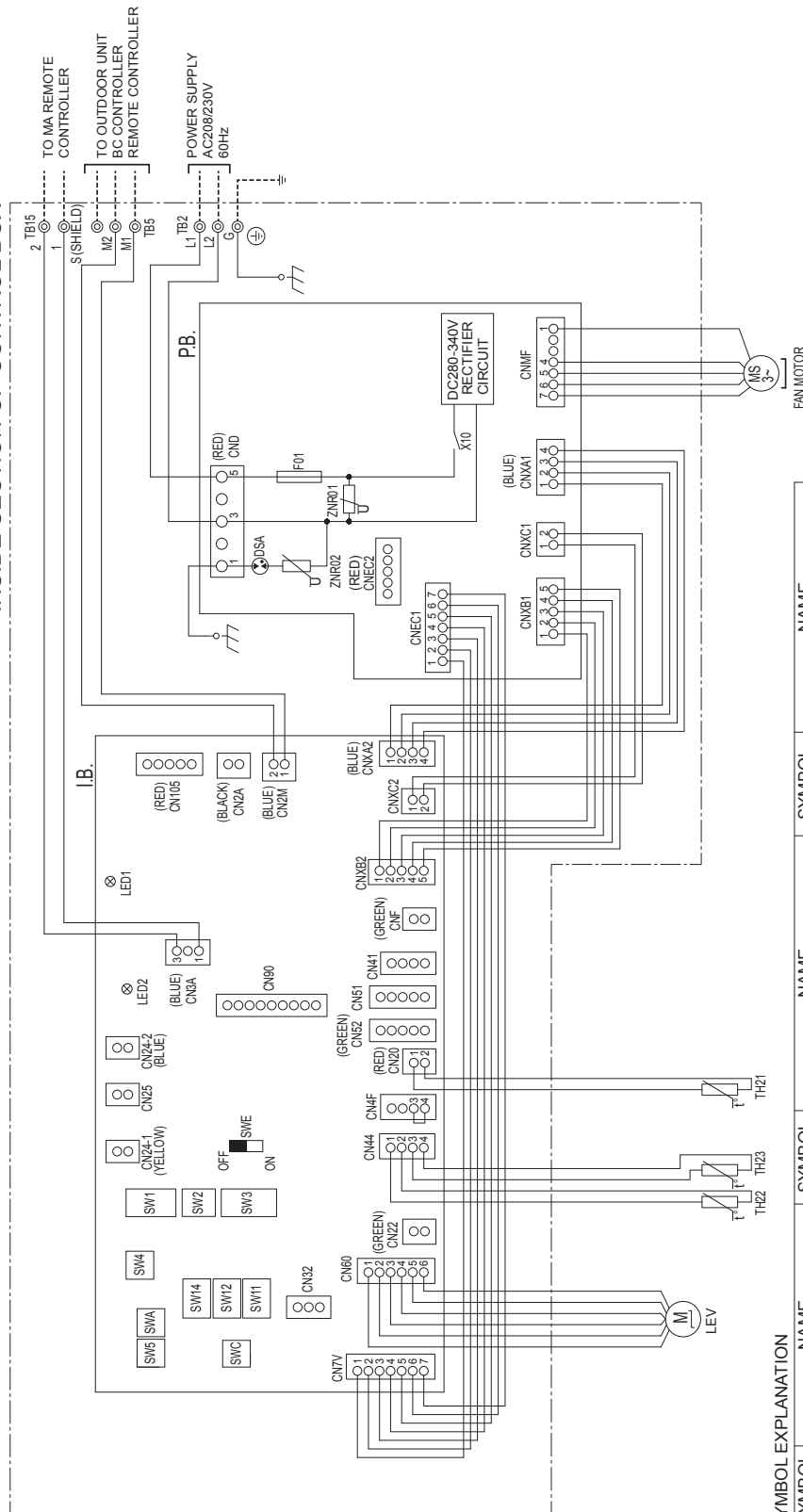
A: Center of gravity

Model name	X	Y	(mm)[in]
			Z
PV FY-P12NAMU-E PV FY-P18NAMU-E PV FY-P24NAMU-E	225 [8-7/8]	285 [11-1/4]	610 [24-1/16]
PV FY-P30NAMU-E PV FY-P36NAMU-E	280 [11-1/16]	290 [11-7/16]	660 [26]
PV FY-P48NAMU-E PV FY-P54NAMU-E	340 [13-7/16]	300 [11-13/16]	710 [28]

4. ELECTRICAL WIRING DIAGRAMS

PVFY-P12, 18, 24, 30, 36, 48, 54NAMU-E

INSIDE SECTION OF CONTROL BOX



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN32	Connector (Remote switch)	SW1(I.B.)	Switch (for mode selection)
P.B.	Power supply board	CN41	Connector (HA terminal-A)	SW2(I.B.)	Switch (for capacity code)
TB2	Power source terminal block	CN51	Connector (Centrally control)	SW3(I.B.)	Switch (for mode selection)
TB5	Transmission terminal block	CN52	Connector (Remote indication)	SW4(I.B.)	Switch (for model selection)
TB15	Transmission terminal block	CN90	Connector (Wireless)	SW5(I.B.)	Switch (for mode selection)
F01	Fuse AC250V 6.3A	CN105	Connector (IT terminal)	SW11(I.B.)	Switch (1st digit address set)
ZNR01,02	Varistor	CN2A	Connector (0-10V Analog input)	SW12(I.B.)	Switch (10ths digit address set)
DSA	Arrester	CNEC2	Connector (FAN indication)	SW14(I.B.)	Switch (connection No.set)
X10	Aux. relay	CNF	Connector (Humidity input)	SWA(I.B.)	Switch (for static pressure selection)
CN22	Connector (Fan control)	TH21	Thermistor (inlet air temp detection)	SWC(I.B.)	Switch (for static pressure selection)
CN24-1	Connector (Heater control 1st)	TH22	Thermistor (piping temp detection/liquid)	SWE(I.B.)	Connector (emergency operation)
CN24-2	Connector (Heater control 2nd)	TH23	Thermistor (piping temp detection/gas)	LED1	LED(Power supply)
CN25	Connector (Humidity output)			LED2	LED(Remote controller supply)

NOTE:1. Symbols used in wiring diagram above are,

○ : Terminal

□ : Connector

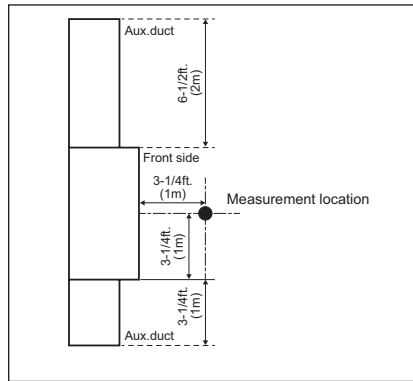
..... (Heavy dotted line):Field wiring

2. Use copper supply wires.

UTILISER DES FILS D'ALIMENTATION EN CUIVRE.

5. SOUND PRESSURE LEVELS

5-1. Sound Pressure Levels



Measured in an anechoic room.

Operating sound levels
(Low - Middle - High)

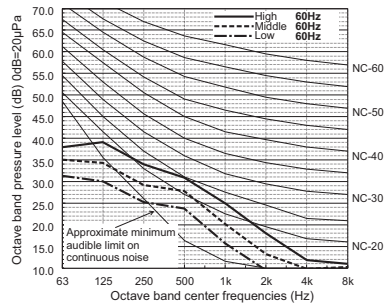
Unit: dB (A)

Model	Sound pressure level (A weighted)
PVFX-P12NAMU-E	27 - 31 - 35
PVFX-P18NAMU-E	28 - 32 - 36
PVFX-P24NAMU-E	30 - 34 - 38
PVFX-P30NAMU-E	32 - 36 - 40
PVFX-P36NAMU-E	35 - 39 - 43
PVFX-P48NAMU-E	35 - 39 - 43
PVFX-P54NAMU-E	36 - 40 - 44

5-2. Noise Curves

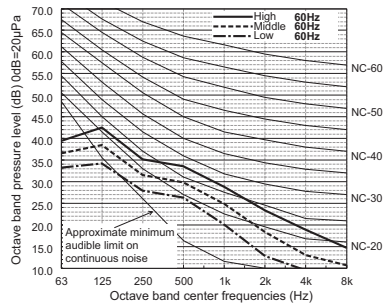
PVFX-P12NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



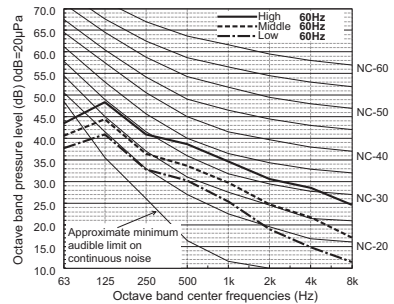
PVFX-P12NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



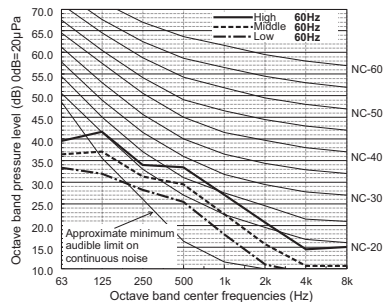
PVFX-P12NAMU-E

External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



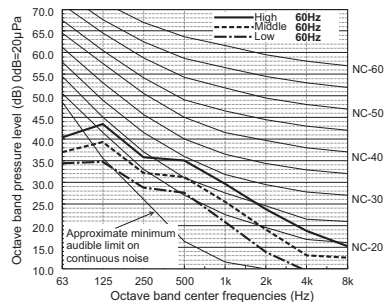
PVFX-P18NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



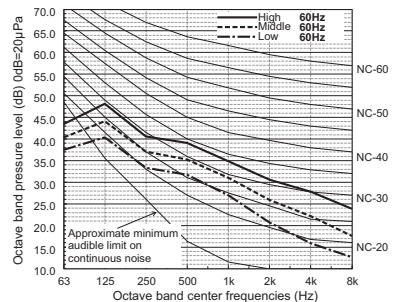
PVFX-P18NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



PVFX-P18NAMU-E

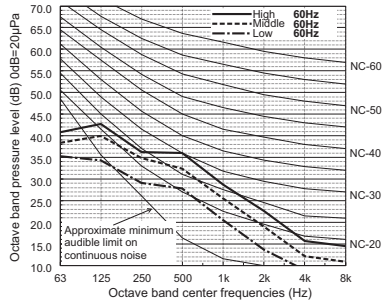
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



5. SOUND PRESSURE LEVELS

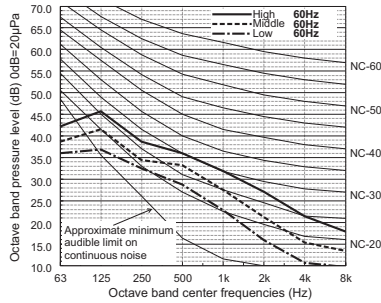
PVFY-P24NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



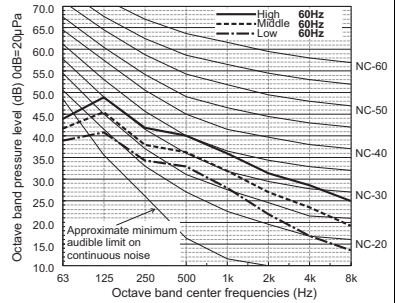
PVFY-P24NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



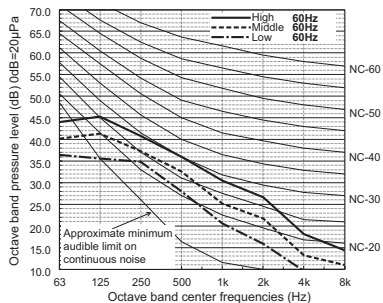
PVFY-P24NAMU-E

External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



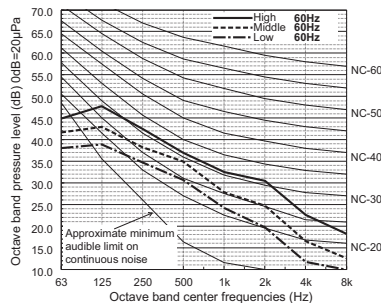
PVFY-P30NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



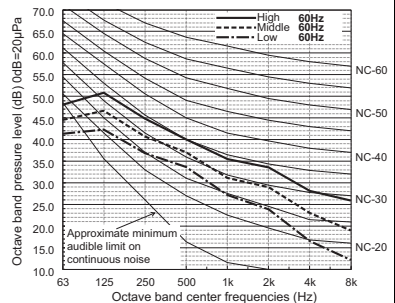
PVFY-P30NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



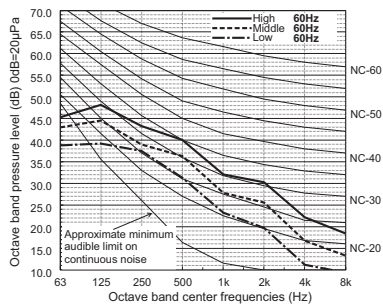
PVFY-P30NAMU-E

External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



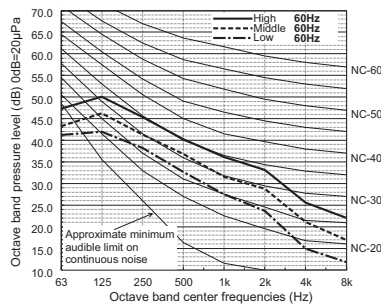
PVFY-P36NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



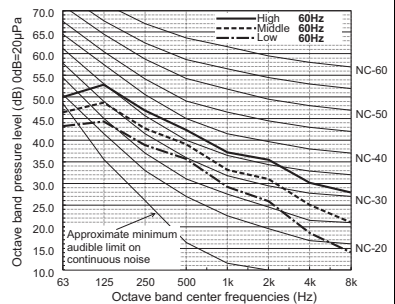
PVFY-P36NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



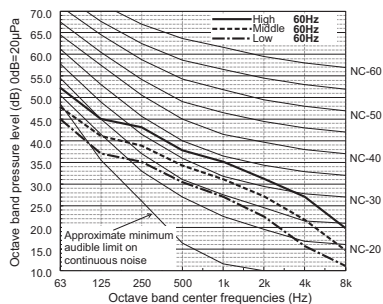
PVFY-P36NAMU-E

External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



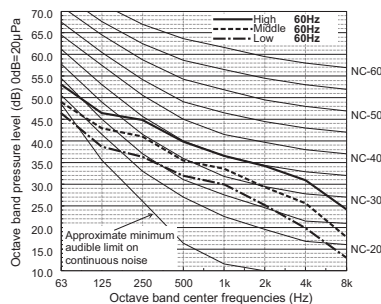
PVFY-P48NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



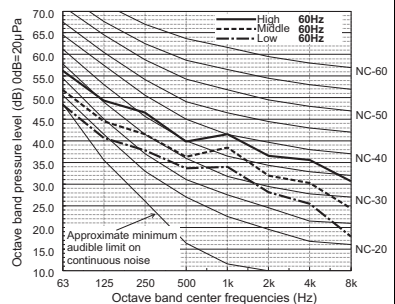
PVFY-P48NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



PVFY-P48NAMU-E

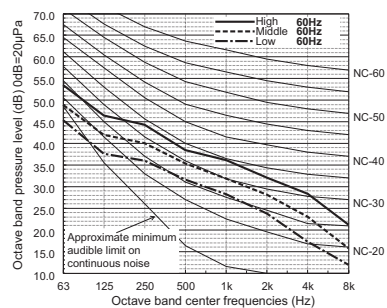
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



5. SOUND PRESSURE LEVELS

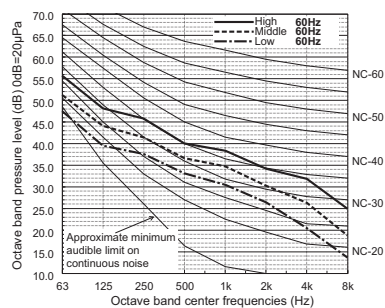
PVFY-P54NAMU-E

External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)



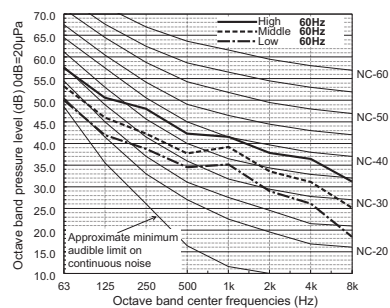
PVFY-P54NAMU-E

External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)



PVFY-P54NAMU-E

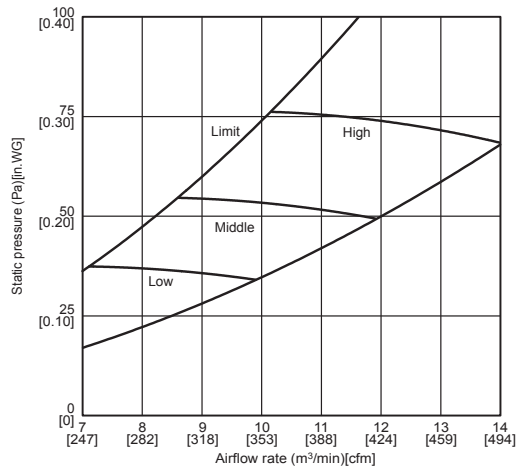
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



6. FAN CHARACTERISTIC CURVES

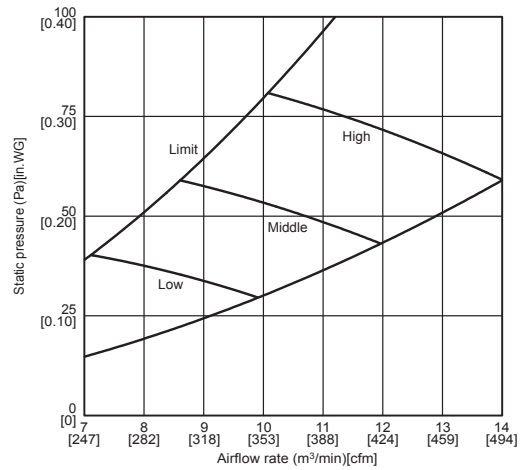
PVFY-P12NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



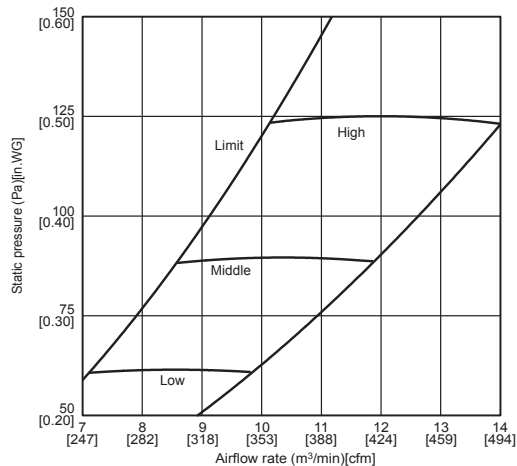
PVFY-P12NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



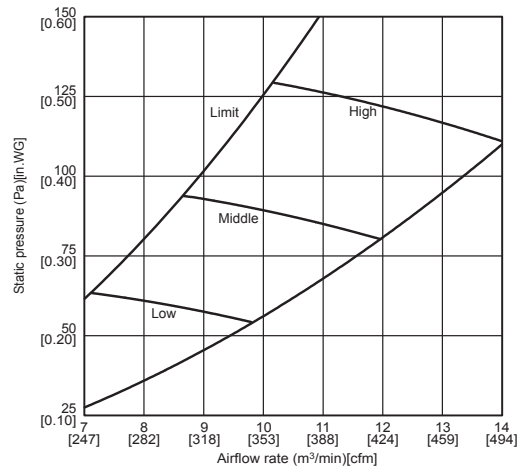
PVFY-P12NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



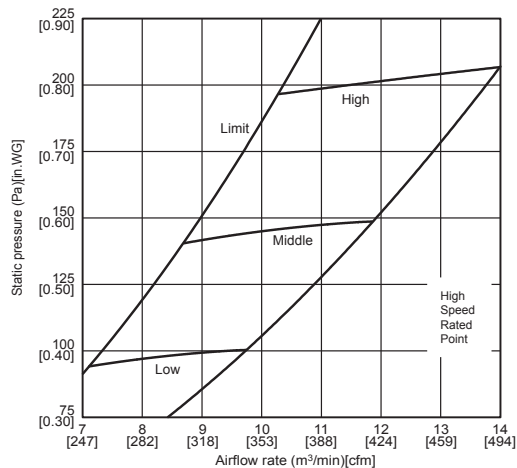
PVFY-P12NAMU-E

Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



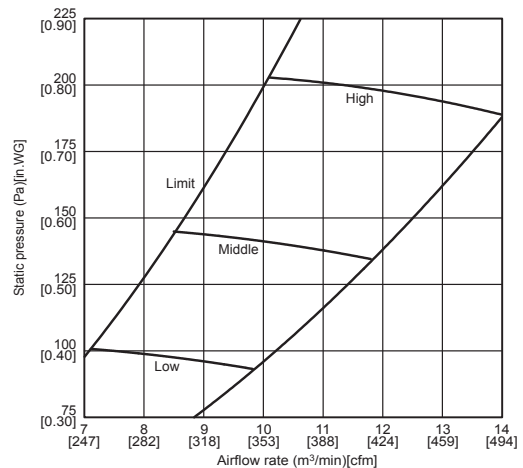
PVFY-P12NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P12NAMU-E

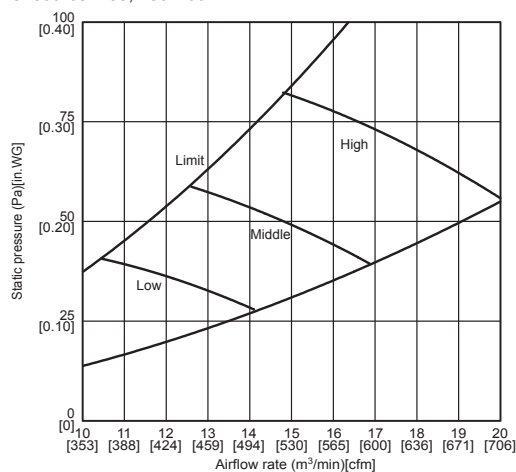
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



6. FAN CHARACTERISTIC CURVES

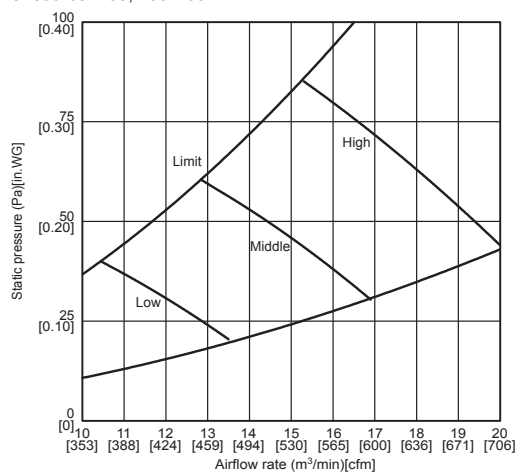
PVFY-P18NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



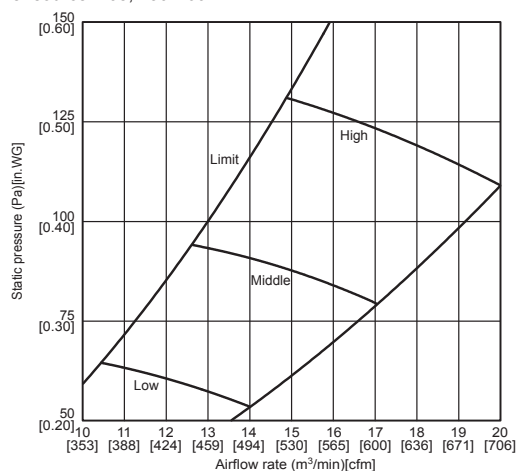
PVFY-P18NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



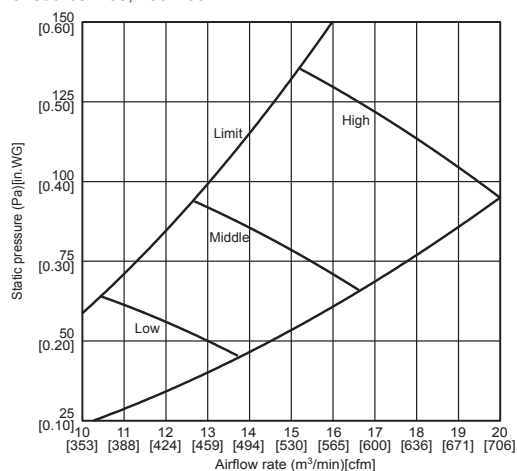
PVFY-P18NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



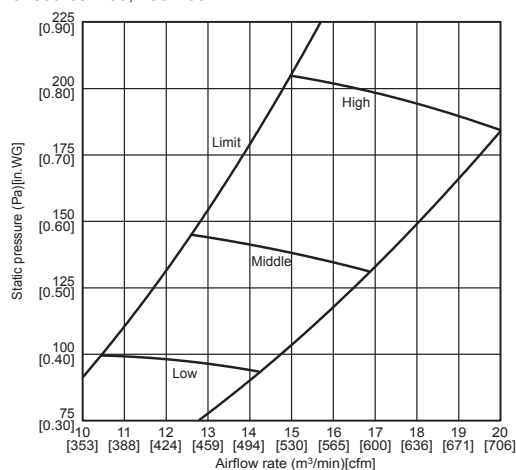
PVFY-P18NAMU-E

Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



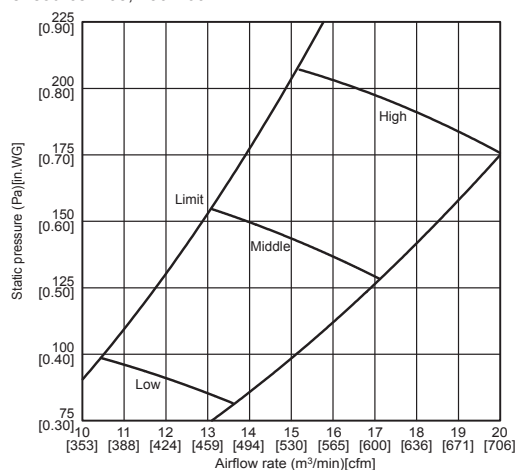
PVFY-P18NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P18NAMU-E

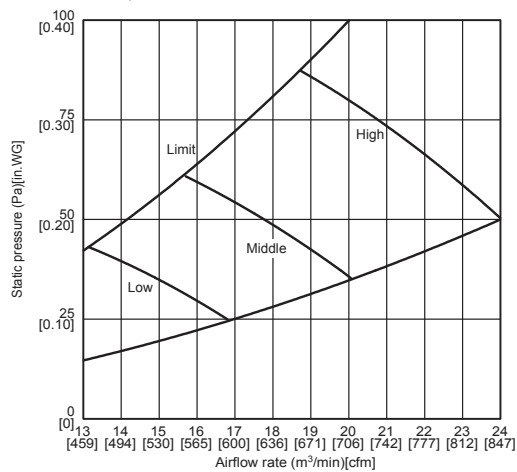
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



6. FAN CHARACTERISTIC CURVES

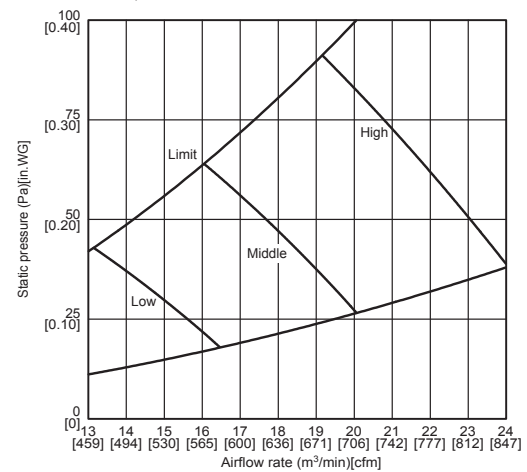
PVFY-P24NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



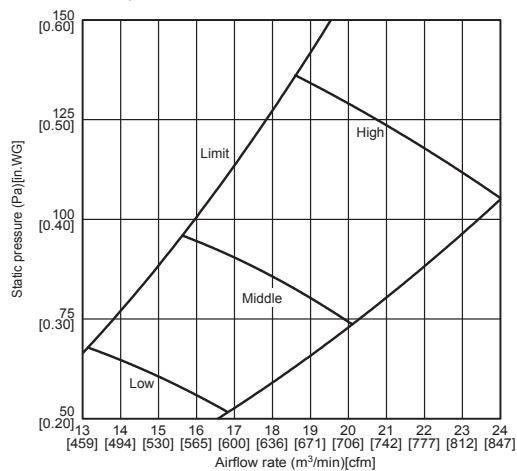
PVFY-P24NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



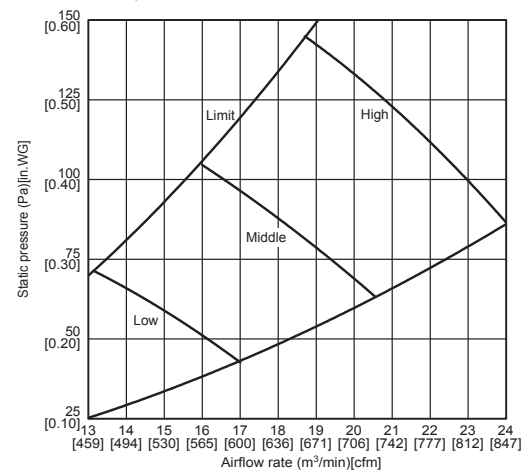
PVFY-P24NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



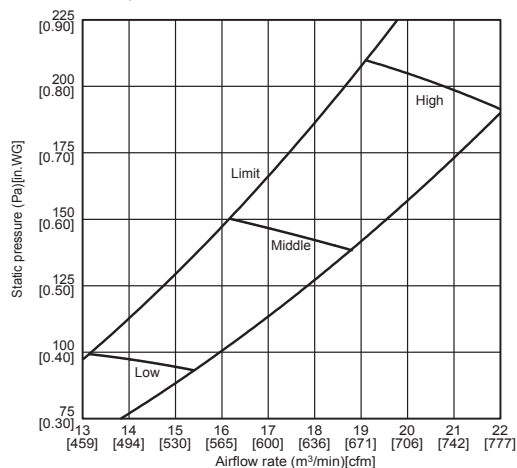
PVFY-P24NAMU-E

Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



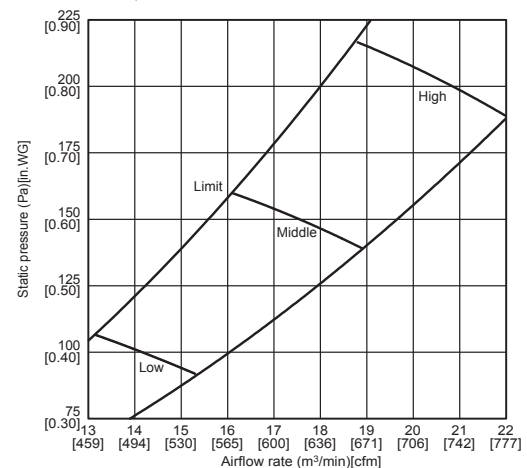
PVFY-P24NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P24NAMU-E

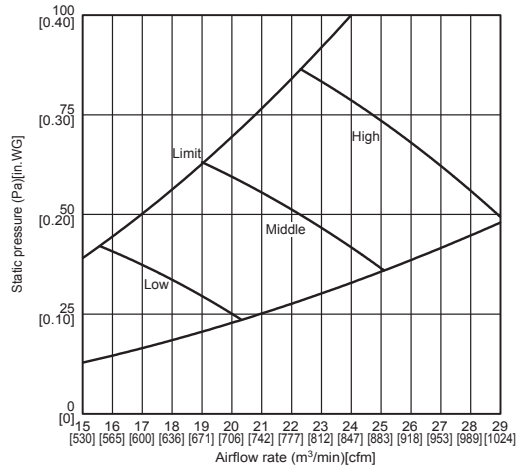
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



6. FAN CHARACTERISTIC CURVES

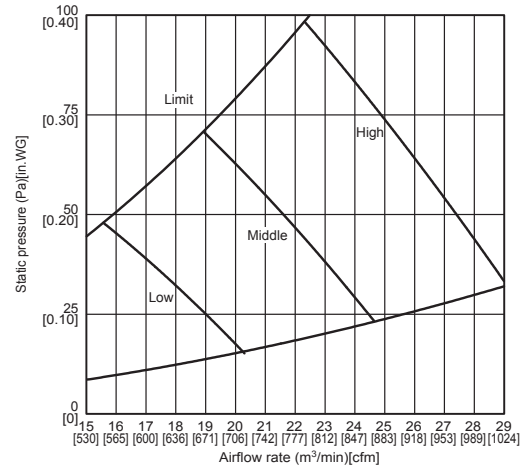
PVFY-P30NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



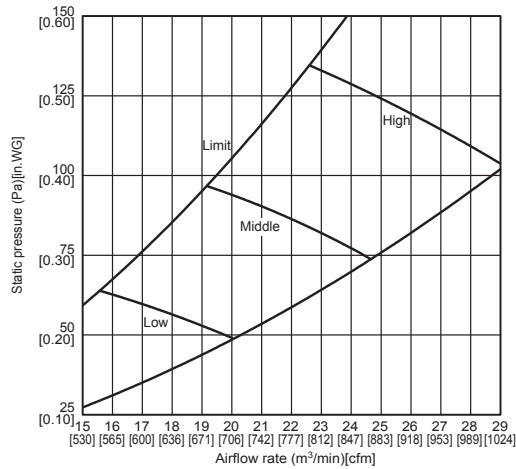
PVFY-P30NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



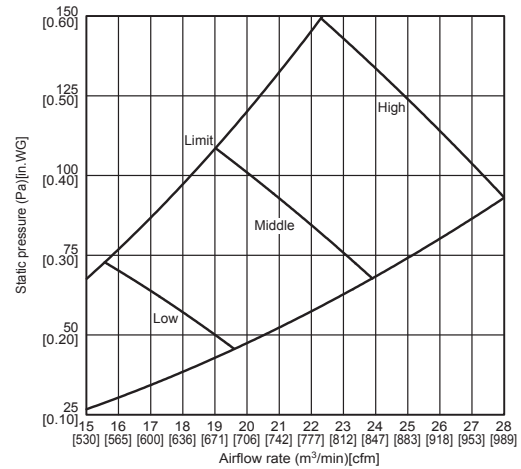
PVFY-P30NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



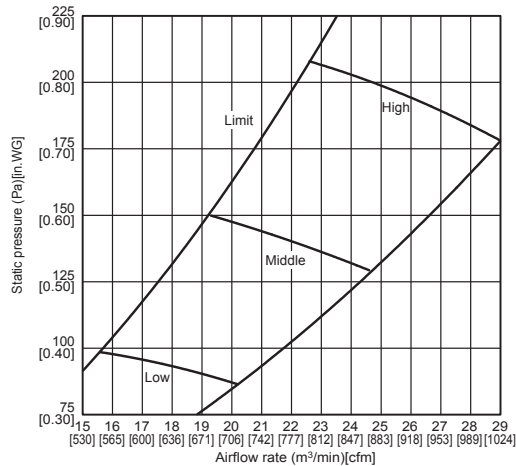
PVFY-P30NAMU-E

Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



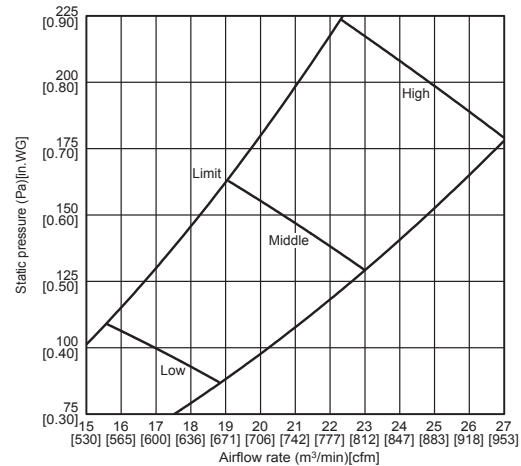
PVFY-P30NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P30NAMU-E

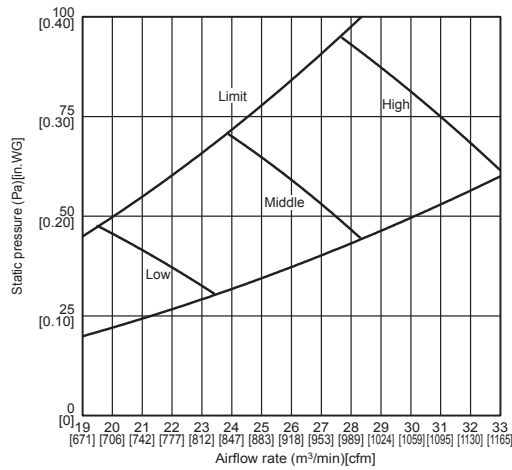
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



6. FAN CHARACTERISTIC CURVES

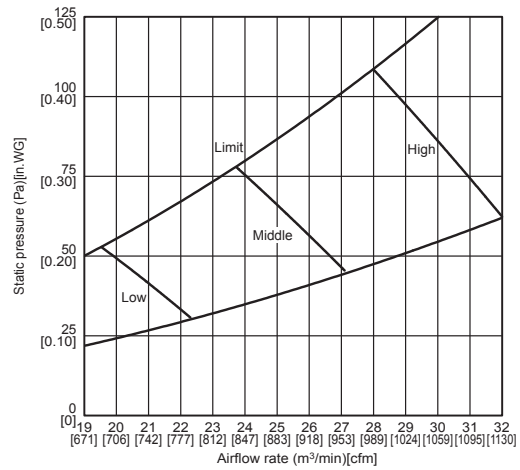
PVFY-P36NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



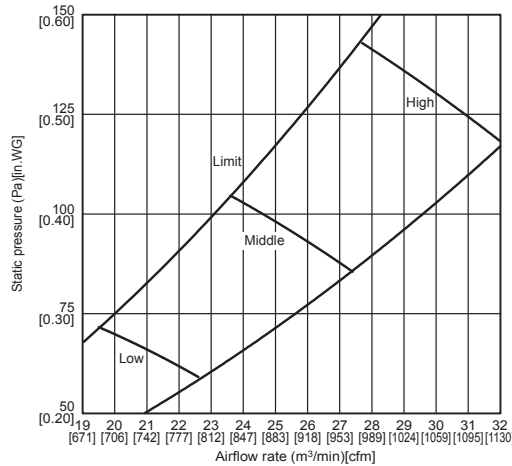
PVFY-P36NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



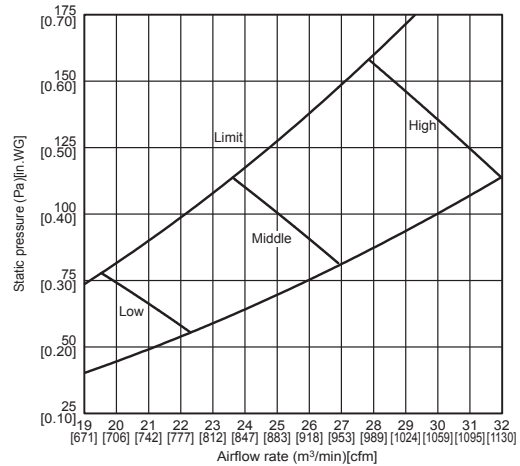
PVFY-P36NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



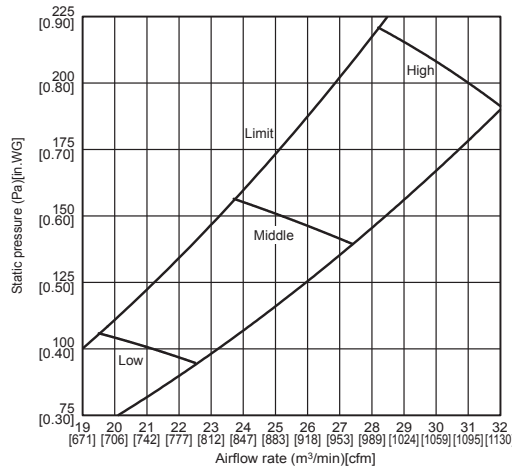
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Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



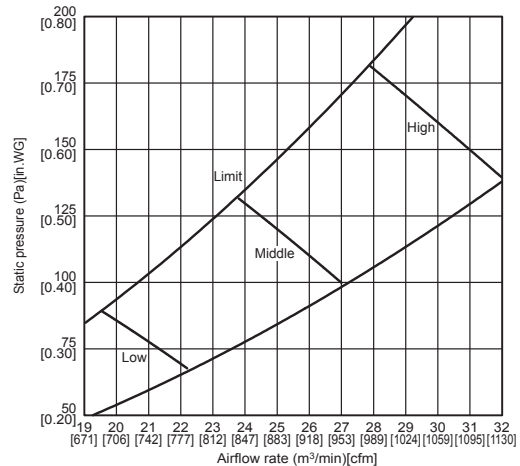
PVFY-P36NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P36NAMU-E

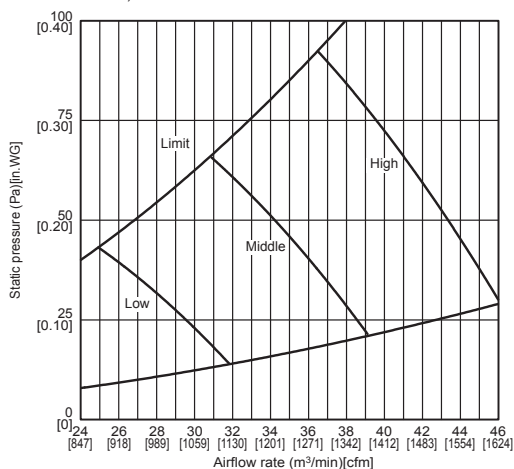
Downflow
External static pressure: 150Pa, 0.60[in.WG]
Power source: 208, 230V 60Hz



6. FAN CHARACTERISTIC CURVES

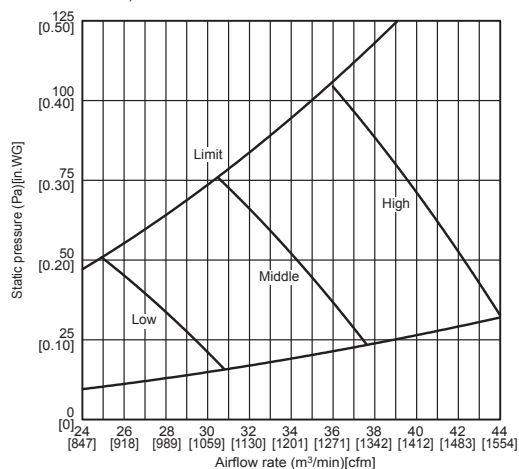
PVFY-P48NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



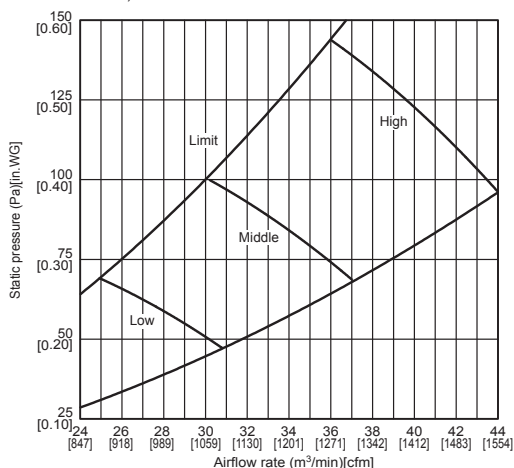
PVFY-P48NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



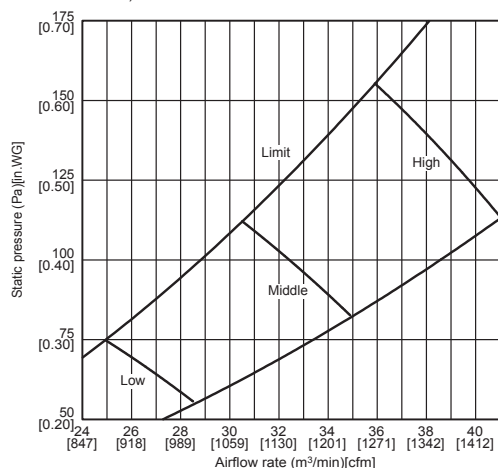
PVFY-P48NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



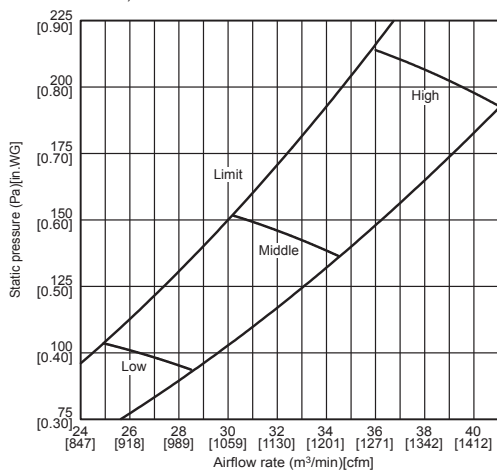
PVFY-P48NAMU-E

Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



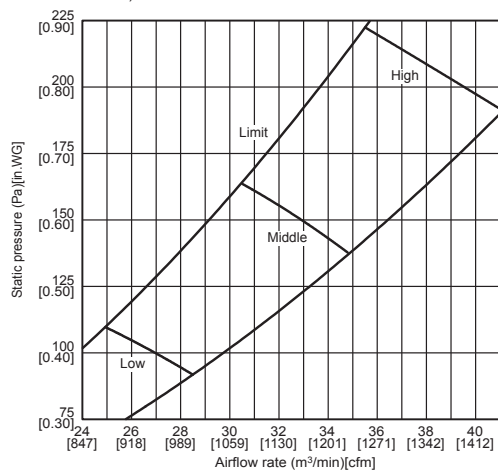
PVFY-P48NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P48NAMU-E

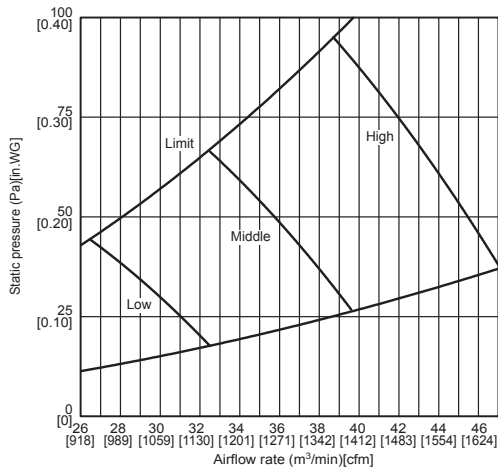
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



6. FAN CHARACTERISTIC CURVES

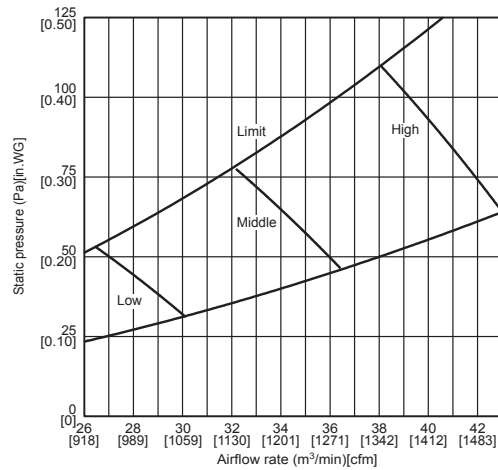
PVFY-P54NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



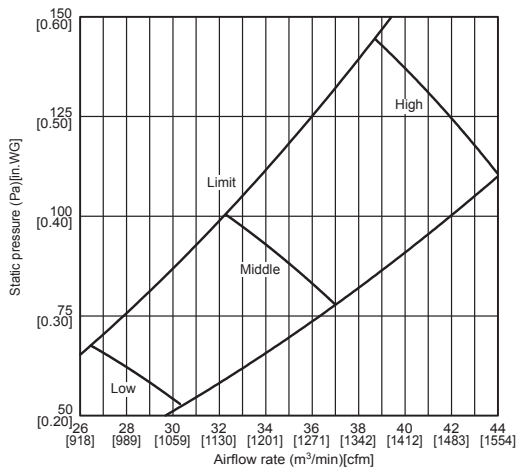
PVFY-P54NAMU-E

Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



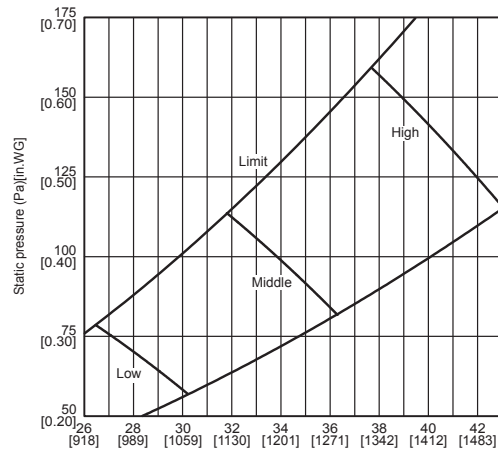
PVFY-P54NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



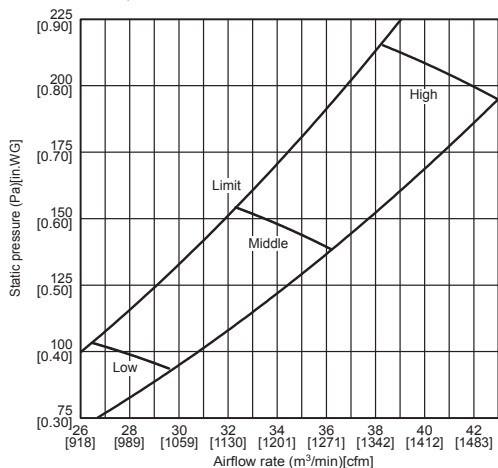
PVFY-P54NAMU-E

Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



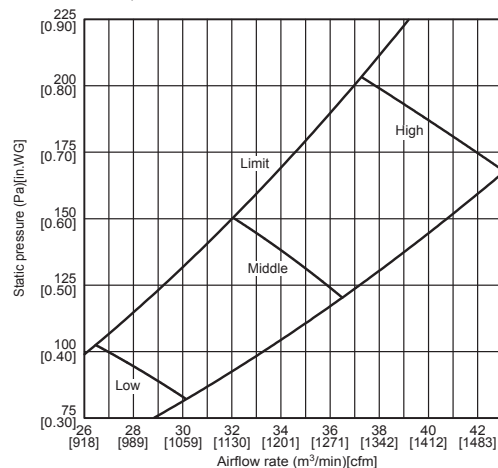
PVFY-P54NAMU-E

Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



PVFY-P54NAMU-E

Downflow
External static pressure: 175Pa, 0.70[in.WG]
Power source: 208, 230V 60Hz



7. OPTIONAL PARTS

7-1. Optional Parts Line-up for the Indoor Unit

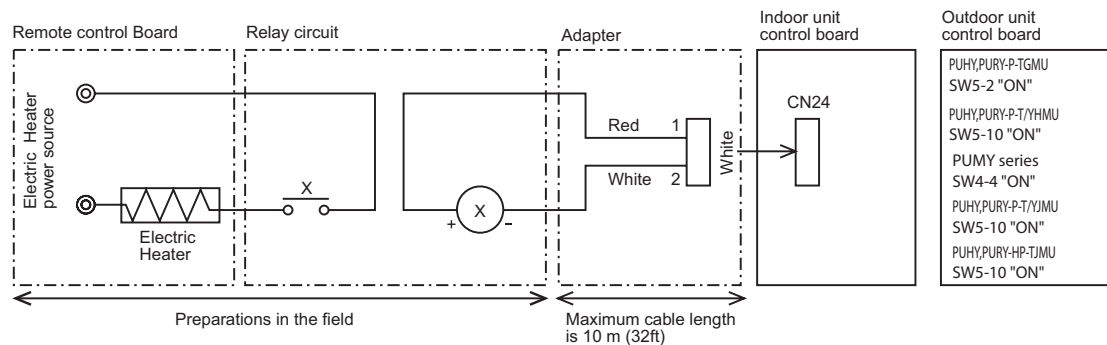
	Fan Speed Indication Adapter	Relay Kit
PV FY-P12, 18, 24, 30, 36, 48, 54NAMU-E	PAC-735	CN24RELAY-KIT-CM3

7-2. Relay Kit CN24RELAY-KIT-CM3

Relay Kit CN24RELAY-KIT-CM3 is a set of special wiring parts for controlling the electric heater* with the air conditioner system.

*The electric heater should be designed and prepared at the site.

A basic connection method is shown as follows:(For details, refer to its Installation Manual.)



For relay X use the specifications given below Operation coil

Rated voltage : 12VDC

Power consumption : 0.9W or less

The length of the electrical wiring for the CN24RELAY-KIT-CM3 is 2 meters (6-1/2 ft)

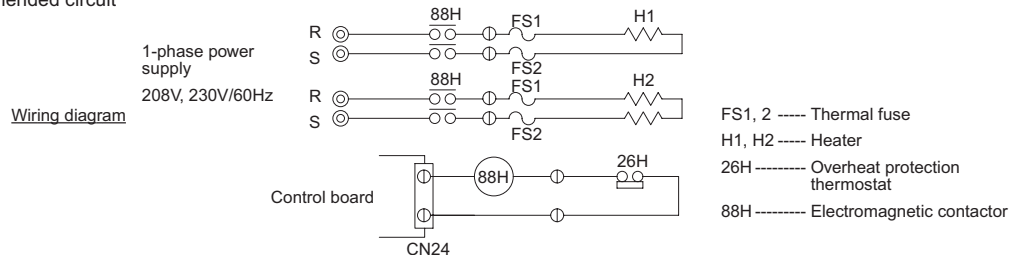
To extend this length, use sheathed 2-core cable.

Control cable type : CVV, CVS, CPEV or equivalent.

Cable size : 0.5 mm² ~ 1.25 mm² (16 to 22 AWG)

Don't extend the cable more than 10 meters (32ft)

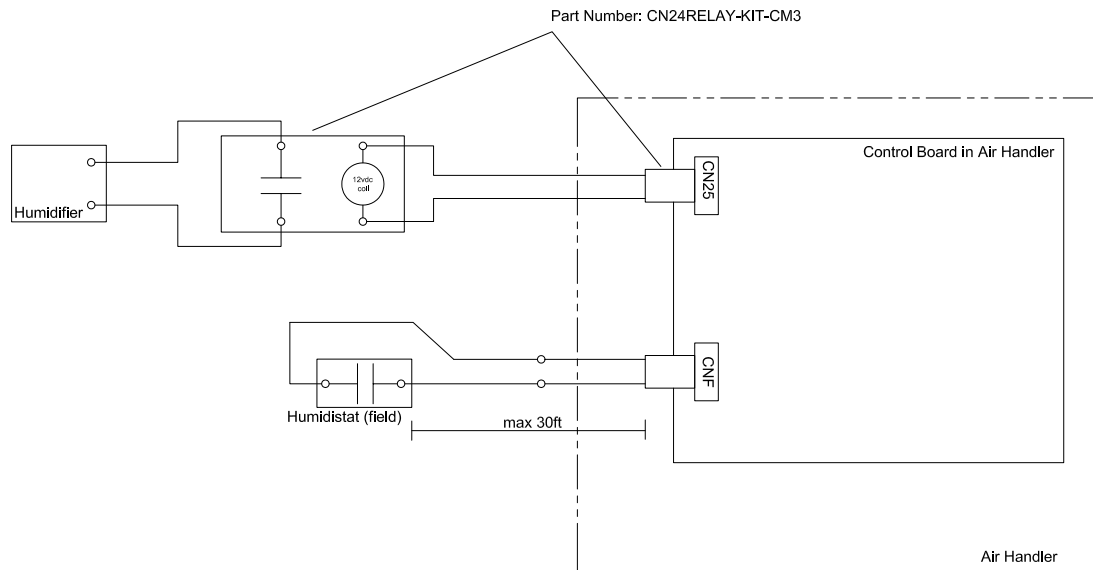
Recommended circuit



Item	① External output cable	② Fan speed setting cable with resistance	
Quantity	2	2	
Shape			

Refer to the Installation Manual for wiring and installation details.

7. OPTIONAL PARTS



Humidifier Control

Sequence of operation:

1. The humidistat closes CNF
2. The fan starts on high
3. CN25 provides 12VDC to turn on the Humidifier (do not exceed 1 Watt draw per relay)
4. When the Humidistat opens, the fan continues to run for 30 seconds to clear the ductwork of moist air
5. If defrost starts during humidifier operation CN25 de-energizes

Humidistat:

Non-Voltage a-contact input

Contact rating voltage $\geq 15\text{VDC}$

Contact Rating Current $\geq 0.1\text{ A}$

Minimum Applicable Load $\leq 1\text{mA}$ at DC

Dip Switch Setting	Humidistat Output	Condition (No Defrost/No Error)	CN25 Output	Fan Speed
SW1-6	CNF Input			
OFF*	OFF	Heat operation & Thermo OFF	OFF	RC setting
		Heat operation & Thermo ON		
	ON	Heat operation & Thermo OFF	OFF	RC setting
		Heat operation & Thermo ON	ON	High
ON	OFF	Heat operation & Thermo OFF	OFF	RC setting
		Heat operation & Thermo ON		
	ON	Heat operation & Thermo OFF	ON	High
		Heat operation & Thermo ON		
-	-	Except for heat operation	OFF	RC setting

Notes:

RC: Remote controller

The fan continues to run for 30 seconds after the humidifier stops.

*Factory Setting

8. CAPACITY TABLES

8-1. Cooling capacity with PUMY-P36-48NHMU/P60NKMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.7	3.2	2.7	3.4	2.8	3.5	2.8	3.6	2.8	3.8	2.9	4.1	3.0
18 (5.3)	4.6	4.0	4.8	3.9	5.1	4.1	5.3	4.1	5.5	4.0	5.8	4.2	6.1	4.3
24 (7.0)	6.1	5.0	6.3	5.0	6.8	5.1	7.0	5.1	7.2	5.0	7.7	5.2	8.1	5.3
30 (8.8)	7.7	6.3	8.0	6.3	8.5	6.5	8.8	6.4	9.1	6.3	9.6	6.6	10.2	6.8
36 (10.6)	9.3	7.5	9.6	7.5	10.3	7.8	10.6	7.7	10.9	7.6	11.6	7.9	12.3	8.1
48 (14.1)	12.3	9.8	12.8	9.8	13.7	10.1	14.1	10.0	14.6	9.8	15.5	10.2	16.4	10.5
54 (15.8)	13.8	10.6	14.3	10.6	15.3	11.0	15.8	10.9	16.3	10.7	17.3	11.1	18.3	11.3

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,500	9,400	10,900	9,300	11,600	9,700	12,000	9,600	12,400	9,500	13,200	9,900	13,900	10,200
18 (18,000)	15,700	13,500	16,300	13,400	17,400	13,900	18,000	13,800	18,600	13,600	19,700	14,100	20,900	14,500
24 (24,000)	21,000	17,000	21,700	16,900	23,300	17,600	24,000	17,400	24,800	17,100	26,300	17,800	27,800	18,200
30 (30,000)	26,200	21,500	27,200	21,400	29,100	22,200	30,000	22,000	31,000	21,600	32,900	22,500	34,800	23,000
36 (36,000)	31,400	25,600	32,600	25,500	34,900	26,500	36,000	26,200	37,200	25,700	39,500	26,700	41,800	27,400
48 (48,000)	41,900	33,300	43,400	33,200	46,500	34,500	48,000	34,100	49,500	33,500	52,600	34,800	55,700	35,600
54 (54,000)	47,100	36,300	48,900	36,200	52,300	37,500	54,000	37,100	55,700	36,500	59,200	37,800	62,600	38,600

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-2. Cooling capacity with PUHY, PURY-P72-96TKMU/YKMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.7	3.2	2.7	3.4	2.8	3.5	2.8	3.6	2.7	3.7	2.8	3.9	2.9
18 (5.3)	4.7	4.0	4.8	4.0	5.1	4.1	5.3	4.1	5.4	4.0	5.6	4.1	6.0	4.2
24 (7.0)	6.2	5.0	6.4	5.0	6.7	5.1	7.0	5.1	7.1	5.0	7.5	5.1	7.9	5.3
30 (8.8)	7.8	6.3	8.0	6.3	8.5	6.5	8.8	6.4	8.9	6.3	9.4	6.5	9.9	6.7
36 (10.6)	9.4	7.6	9.6	7.5	10.2	7.7	10.6	7.7	10.8	7.5	11.3	7.7	12.0	7.9
48 (14.1)	12.4	9.8	12.8	9.8	13.6	10.1	14.1	10.0	14.3	9.7	15.0	10.0	15.9	10.3
54 (15.8)	13.9	10.7	14.4	10.6	15.2	10.9	15.8	10.9	16.1	10.6	16.8	10.9	17.8	11.1

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,600	9,400	10,900	9,400	11,600	9,700	12,000	9,600	12,200	9,400	12,800	9,700	13,500	10,000
18 (18,000)	15,900	13,500	16,400	13,400	17,300	13,900	18,000	13,800	18,300	13,500	19,200	13,900	20,300	14,300
24 (24,000)	21,200	17,100	21,800	17,000	23,100	17,500	24,000	17,400	24,400	17,000	25,600	17,500	27,100	18,000
30 (30,000)	26,500	21,600	27,300	21,500	28,900	22,100	30,000	22,000	30,500	21,400	31,900	22,100	33,800	22,700
36 (36,000)	31,800	25,700	32,800	25,600	34,700	26,400	36,000	26,200	36,600	25,500	38,300	26,300	40,600	27,000
48 (48,000)	42,300	33,500	43,700	33,300	46,200	34,300	48,000	34,100	48,800	33,200	51,100	34,200	54,100	35,100
54 (54,000)	47,600	36,500	49,100	36,300	52,000	37,400	54,000	37,100	54,900	36,100	57,500	37,100	60,900	38,000

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-3. Cooling capacity with PUHY, PURY-P120-144TKMU/YKMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.8	3.2	2.7	3.4	2.8	3.5	2.8	3.6	2.8	3.8	2.9	4.0	3.0
18 (5.3)	4.7	4.0	4.8	3.9	5.1	4.1	5.3	4.1	5.4	4.0	5.8	4.1	6.1	4.3
24 (7.0)	6.2	5.0	6.3	5.0	6.7	5.1	7.0	5.1	7.2	5.0	7.6	5.2	8.1	5.3
30 (8.8)	7.8	6.4	8.0	6.3	8.5	6.5	8.8	6.4	9.0	6.3	9.6	6.6	10.2	6.7
36 (10.6)	9.4	7.6	9.6	7.5	10.2	7.8	10.6	7.7	10.9	7.5	11.5	7.8	12.2	8.0
48 (14.1)	12.6	9.9	12.8	9.8	13.6	10.1	14.1	10.0	14.5	9.8	15.4	10.2	16.3	10.4
54 (15.8)	14.1	10.8	14.3	10.6	15.2	10.9	15.8	10.9	16.2	10.6	17.2	11.0	18.2	11.3

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,700	9,500	10,900	9,300	11,600	9,700	12,000	9,600	12,300	9,400	13,100	9,800	13,800	10,100
18 (18,000)	16,000	13,600	16,300	13,400	17,300	13,900	18,000	13,800	18,500	13,500	19,600	14,100	20,800	14,500
24 (24,000)	21,400	17,200	21,700	16,900	23,100	17,500	24,000	17,400	24,600	17,100	26,100	17,700	27,700	18,200
30 (30,000)	26,700	21,700	27,200	21,400	28,900	22,200	30,000	22,000	30,800	21,600	32,700	22,400	34,600	23,000
36 (36,000)	32,100	25,900	32,600	25,500	34,700	26,400	36,000	26,200	36,900	25,700	39,200	26,700	41,500	27,300
48 (48,000)	42,800	33,700	43,400	33,200	46,300	34,400	48,000	34,100	49,200	33,400	52,300	34,700	55,400	35,500
54 (54,000)	48,100	36,800	48,900	36,200	52,000	37,400	54,000	37,100	55,400	36,300	58,800	37,600	62,300	38,500

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-4. Cooling capacity with PUHY, PURY-P168-240TSKMU/P144-240YSKMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.8	3.2	2.7	3.4	2.8	3.5	2.8	3.7	2.8	3.9	2.9	4.2	3.0
18 (5.3)	4.7	4.0	4.8	3.9	5.2	4.1	5.3	4.1	5.5	4.0	5.9	4.2	6.3	4.3
24 (7.0)	6.2	5.0	6.3	5.0	6.8	5.2	7.0	5.1	7.3	5.0	7.8	5.3	8.4	5.4
30 (8.8)	7.8	6.4	8.0	6.3	8.6	6.5	8.8	6.4	9.2	6.4	9.8	6.7	10.5	6.9
36 (10.6)	9.4	7.6	9.6	7.5	10.3	7.8	10.6	7.7	11.1	7.6	11.8	7.9	12.7	8.2
48 (14.1)	12.5	9.9	12.8	9.8	13.8	10.2	14.1	10.0	14.7	9.9	15.8	10.3	16.8	10.6
54 (15.8)	14.1	10.8	14.3	10.6	15.4	11.0	15.8	10.9	16.5	10.8	17.7	11.2	18.9	11.5

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,700	9,400	10,900	9,300	11,700	9,700	12,000	9,600	12,500	9,500	13,400	10,000	14,300	10,300
18 (18,000)	16,000	13,600	16,300	13,400	17,600	14,000	18,000	13,800	18,800	13,700	20,100	14,300	21,500	14,700
24 (24,000)	21,300	17,200	21,700	17,000	23,400	17,700	24,000	17,400	25,100	17,200	26,800	18,000	28,600	18,500
30 (30,000)	26,700	21,700	27,200	21,400	29,300	22,300	30,000	22,000	31,300	21,800	33,500	22,700	35,800	23,400
36 (36,000)	32,000	25,800	32,600	25,500	35,100	26,600	36,000	26,200	37,600	25,900	40,200	27,000	43,000	27,800
48 (48,000)	42,700	33,700	43,500	33,200	46,800	34,600	48,000	34,100	50,200	33,800	53,600	35,200	57,300	36,200
54 (54,000)	48,000	36,700	48,900	36,200	52,700	37,700	54,000	37,100	56,400	36,700	60,300	38,200	64,400	39,300

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-5. Cooling capacity with PUHY, PURY-P264-288TSKMU/YSKMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B.		22.8°C D.B.		25°C D.B.		26.7°C D.B.		27.8°C D.B.		30°C D.B.		32.2°C D.B.	
	15°C W.B.		16.1°C W.B.		17.8°C W.B.		19.4°C W.B.		20.6°C W.B.		22.2°C W.B.		23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.0	2.7	3.1	2.7	3.4	2.8	3.5	2.8	3.6	2.8	3.8	2.9	4.1	3.0
18 (5.3)	4.6	3.9	4.8	3.9	5.1	4.1	5.3	4.1	5.5	4.0	5.8	4.2	6.2	4.3
24 (7.0)	6.1	5.0	6.3	4.9	6.7	5.1	7.0	5.1	7.2	5.0	7.7	5.2	8.2	5.4
30 (8.8)	7.7	6.3	7.9	6.2	8.5	6.5	8.8	6.4	9.1	6.3	9.7	6.6	10.3	6.8
36 (10.6)	9.2	7.5	9.5	7.4	10.2	7.7	10.6	7.7	10.9	7.6	11.6	7.9	12.4	8.1
48 (14.1)	12.3	9.8	12.6	9.7	13.5	10.1	14.1	10.0	14.6	9.8	15.5	10.2	16.5	10.5
54 (15.8)	13.8	10.6	14.2	10.5	15.2	10.9	15.8	10.9	16.3	10.7	17.4	11.1	18.5	11.4

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,500	9,300	10,800	9,300	11,500	9,700	12,000	9,600	12,400	9,500	13,200	9,900	14,100	10,200
18 (18,000)	15,700	13,400	16,100	13,300	17,300	13,900	18,000	13,800	18,600	13,600	19,800	14,200	21,100	14,600
24 (24,000)	20,900	17,000	21,500	16,900	23,100	17,500	24,000	17,400	24,800	17,100	26,400	17,800	28,100	18,300
30 (30,000)	26,100	21,400	26,900	21,300	28,800	22,100	30,000	22,000	31,000	21,600	32,900	22,500	35,100	23,200
36 (36,000)	31,400	25,500	32,300	25,300	34,600	26,300	36,000	26,200	37,200	25,700	39,500	26,800	42,200	27,600
48 (48,000)	41,800	33,300	43,000	33,000	46,100	34,300	48,000	34,100	49,600	33,500	52,700	34,800	56,200	35,800
54 (54,000)	47,000	36,300	48,400	36,000	51,900	37,300	54,000	37,100	55,800	36,500	59,300	37,800	63,300	38,900

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-6. Cooling capacity with PUHY-P312-360TSKMU/YSKMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B.		22.8°C D.B.		25°C D.B.		26.7°C D.B.		27.8°C D.B.		30°C D.B.		32.2°C D.B.	
	15°C W.B.		16.1°C W.B.		17.8°C W.B.		19.4°C W.B.		20.6°C W.B.		22.2°C W.B.		23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.8	3.2	2.7	3.4	2.8	3.5	2.8	3.7	2.8	3.9	2.9	4.2	3.0
18 (5.3)	4.7	4.0	4.8	3.9	5.2	4.1	5.3	4.1	5.5	4.0	5.9	4.2	6.3	4.3
24 (7.0)	6.2	5.0	6.3	5.0	6.8	5.2	7.0	5.1	7.3	5.0	7.8	5.3	8.4	5.4
30 (8.8)	7.8	6.4	8.0	6.3	8.6	6.5	8.8	6.4	9.2	6.4	9.8	6.7	10.5	6.9
36 (10.6)	9.4	7.6	9.6	7.5	10.3	7.8	10.6	7.7	11.1	7.6	11.8	7.9	12.7	8.2
48 (14.1)	12.5	9.9	12.8	9.8	13.8	10.2	14.1	10.0	14.7	9.9	15.8	10.3	16.8	10.6
54 (15.8)	14.1	10.8	14.3	10.6	15.4	11.0	15.8	10.9	16.5	10.8	17.7	11.2	18.9	11.5

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,700	9,400	10,900	9,300	11,700	9,700	12,000	9,600	12,500	9,500	13,400	10,000	14,300	10,300
18 (18,000)	16,000	13,600	16,300	13,400	17,600	14,000	18,000	13,800	18,800	13,700	20,100	14,300	21,500	14,700
24 (24,000)	21,300	17,200	21,700	17,000	23,400	17,700	24,000	17,400	25,100	17,200	26,800	18,000	28,600	18,500
30 (30,000)	26,700	21,700	27,200	21,400	29,300	22,300	30,000	22,000	31,300	21,800	33,500	22,700	35,800	23,400
36 (36,000)	32,000	25,800	32,600	25,500	35,100	26,600	36,000	26,200	37,600	25,900	40,200	27,000	43,000	27,800
48 (48,000)	42,700	33,700	43,500	33,200	46,800	34,600	48,000	34,100	50,200	33,800	53,600	35,200	57,300	36,200
54 (54,000)	48,000	36,700	48,900	36,200	52,700	37,700	54,000	37,100	56,400	36,700	60,300	38,200	64,400	39,300

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-7. Cooling capacity with PUHY-HP72-192T(S)JMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.0	2.7	3.2	2.7	3.4	2.8	3.5	2.8	3.6	2.8	3.8	2.9	4.0	2.9
18 (5.3)	4.6	3.9	4.8	3.9	5.1	4.1	5.3	4.1	5.5	4.0	5.7	4.1	6.0	4.2
24 (7.0)	6.0	4.9	6.4	5.0	6.7	5.1	7.0	5.1	7.2	5.0	7.6	5.2	7.9	5.3
30 (8.8)	7.6	6.3	8.0	6.3	8.4	6.5	8.8	6.4	9.1	6.3	9.5	6.5	9.9	6.7
36 (10.6)	9.2	7.5	9.6	7.5	10.1	7.7	10.6	7.7	10.9	7.6	11.5	7.8	12.0	7.9
48 (14.1)	12.2	9.7	12.8	9.8	13.5	10.0	14.1	10.0	14.5	9.8	15.3	10.1	15.9	10.3
54 (15.8)	13.7	10.6	14.3	10.6	15.1	10.9	15.8	10.9	16.3	10.7	17.1	11.0	17.9	11.1

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,400	9,300	10,900	9,300	11,500	9,700	12,000	9,600	12,400	9,500	13,000	9,800	13,600	10,000
18 (18,000)	15,600	13,400	16,300	13,400	17,200	13,900	18,000	13,800	18,600	13,600	19,500	14,100	20,400	14,400
24 (24,000)	20,700	16,900	21,800	17,000	23,000	17,500	24,000	17,400	24,800	17,100	26,000	17,700	27,100	18,000
30 (30,000)	25,900	21,300	27,200	21,400	28,700	22,100	30,000	22,000	30,900	21,600	32,500	22,300	33,900	22,700
36 (36,000)	31,100	25,400	32,700	25,500	34,500	26,300	36,000	26,200	37,100	25,700	38,900	26,600	40,700	27,100
48 (48,000)	41,500	33,100	43,600	33,300	46,000	34,200	48,000	34,100	49,500	33,500	51,900	34,500	54,300	35,100
54 (54,000)	46,700	36,100	49,000	36,300	51,700	37,200	54,000	37,100	55,700	36,400	58,400	37,500	61,100	38,100

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-8. Cooling capacity with PURY-HP72-192T(S)KMU/Y(S)KMU

PVFY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.7	3.2	2.7	3.4	2.8	3.5	2.8	3.6	2.7	3.7	2.8	3.9	2.9
18 (5.3)	4.7	4.0	4.8	4.0	5.1	4.1	5.3	4.1	5.4	4.0	5.6	4.1	6.0	4.2
24 (7.0)	6.2	5.0	6.4	5.0	6.7	5.1	7.0	5.1	7.1	5.0	7.5	5.1	7.9	5.3
30 (8.8)	7.8	6.3	8.0	6.3	8.5	6.5	8.8	6.4	8.9	6.3	9.4	6.5	9.9	6.7
36 (10.6)	9.4	7.6	9.6	7.5	10.2	7.7	10.6	7.7	10.8	7.5	11.3	7.7	12.0	7.9
48 (14.1)	12.4	9.8	12.8	9.8	13.6	10.1	14.1	10.0	14.3	9.7	15.0	10.0	15.9	10.3
54 (15.8)	13.9	10.7	14.4	10.6	15.2	10.9	15.8	10.9	16.1	10.6	16.8	10.9	17.8	11.1

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PVFY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,600	9,400	10,900	9,400	11,600	9,700	12,000	9,600	12,200	9,400	12,800	9,700	13,500	10,000
18 (18,000)	15,900	13,500	16,400	13,400	17,300	13,900	18,000	13,800	18,300	13,500	19,200	13,900	20,300	14,300
24 (24,000)	21,200	17,100	21,800	17,000	23,100	17,500	24,000	17,400	24,400	17,000	25,600	17,500	27,100	18,000
30 (30,000)	26,500	21,600	27,300	21,500	28,900	22,100	30,000	22,000	30,500	21,400	31,900	22,100	33,800	22,700
36 (36,000)	31,800	25,700	32,800	25,600	34,700	26,400	36,000	26,200	36,600	25,500	38,300	26,300	40,600	27,000
48 (48,000)	42,300	33,500	43,700	33,300	46,200	34,300	48,000	34,100	48,800	33,200	51,100	34,200	54,100	35,100
54 (54,000)	47,600	36,500	49,100	36,300	52,000	37,400	54,000	37,100	54,900	36,100	57,500	37,100	60,900	38,000

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-9. Cooling capacity with PQHY-P72-360, PQRY-P72-240T(S)HMU/Y(S)HMU

PV FY-P-NAMU-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.7°C D.B. 15°C W.B.		22.8°C D.B. 16.1°C W.B.		25°C D.B. 17.8°C W.B.		26.7°C D.B. 19.4°C W.B.		27.8°C D.B. 20.6°C W.B.		30°C D.B. 22.2°C W.B.		32.2°C D.B. 23.9°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (3.5)	3.1	2.8	3.2	2.7	3.3	2.8	3.5	2.8	3.5	2.7	3.5	2.8	3.5	2.8
18 (5.3)	4.7	4.0	4.8	4.0	5.0	4.1	5.3	4.0	5.3	3.9	5.3	4.0	5.3	4.0
24 (7.0)	6.2	5.0	6.4	5.0	6.7	5.1	7.0	5.1	7.0	4.9	7.0	4.9	7.0	4.9
30 (8.8)	7.8	6.3	8.0	6.3	8.4	6.5	8.7	6.4	8.7	6.2	8.7	6.3	8.7	6.3
36 (10.6)	9.4	7.6	9.7	7.5	10.1	7.7	10.5	7.7	10.5	7.4	10.5	7.5	10.5	7.5
48 (14.1)	12.5	9.8	12.8	9.8	13.4	10.0	14.0	10.0	14.0	9.6	14.0	9.7	14.0	9.7
54 (15.8)	14.0	10.7	14.4	10.6	15.0	10.9	15.7	10.8	15.7	10.4	15.7	10.5	15.7	10.4

* The capacity does not depend on the inlet-water temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PV FY-P-NAMU-E

CA: Capacity (BTU/h), SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.													
	71°F D.B. 59°F W.B.		73°F D.B. 61°F W.B.		77°F D.B. 64°F W.B.		80°F D.B. 67°F W.B.		82°F D.B. 69°F W.B.		86°F D.B. 72°F W.B.		90°F D.B. 75°F W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
12 (12,000)	10,600	9,400	10,900	9,400	11,400	9,600	11,900	9,600	11,900	9,300	11,900	9,400	11,900	9,500
18 (18,000)	15,900	13,500	16,400	13,500	17,100	13,800	17,900	13,800	17,900	13,300	17,900	13,500	17,900	13,500
24 (24,000)	21,200	17,100	21,900	17,000	22,900	17,400	23,900	17,300	23,900	16,800	23,900	16,900	23,900	16,900
30 (30,000)	26,500	21,600	27,300	21,500	28,600	22,000	29,800	21,900	29,800	21,200	29,800	21,400	29,800	21,400
36 (36,000)	31,800	25,700	32,800	25,600	34,300	26,200	35,800	26,100	35,800	25,200	35,800	25,400	35,800	25,400
48 (48,000)	42,400	33,600	43,700	33,400	45,700	34,100	47,700	34,000	47,700	32,800	47,700	33,000	47,700	32,900
54 (54,000)	47,700	36,600	49,200	36,400	51,400	37,100	53,700	36,900	53,700	35,600	53,700	35,700	53,700	35,500

* The capacity does not depend on the inlet-water temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-10. Heating capacity with PUMY-P36-48NHMU

All indoor units

SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.			
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.
	SHC	SHC	SHC	SHC
06 (2.0)	2.0	2.0	2.0	1.9
08 (2.6)	2.7	2.6	2.6	2.5
12 (4.0)	4.1	4.0	4.0	3.9
15 (5.0)	5.1	5.0	5.0	4.9
18 (5.9)	6.0	5.9	5.8	5.7
24 (7.9)	8.1	7.9	7.8	7.7
27 (8.8)	9.0	8.8	8.7	8.5
30 (10.0)	10.2	10.0	9.9	9.7
36 (11.7)	11.9	11.7	11.6	11.3
48 (15.8)	16.1	15.8	15.6	15.3
54 (17.6)	18.0	17.6	17.4	17.1

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units

SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.			
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.
	SHC	SHC	SHC	SHC
06 (6,700)	6,800	6,700	6,600	6,500
08 (9,000)	9,200	9,000	8,900	8,700
12 (13,500)	13,800	13,500	13,400	13,100
15 (17,000)	17,300	17,000	16,800	16,500
18 (20,000)	20,400	20,000	19,800	19,400
24 (27,000)	27,500	27,000	26,700	26,200
27 (30,000)	30,600	30,000	29,700	29,100
30 (34,000)	34,700	34,000	33,700	33,000
36 (40,000)	40,800	40,000	39,600	38,800
48 (54,000)	55,100	54,000	53,500	52,400
54 (60,000)	61,200	60,000	59,400	58,200

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-11. Heating capacity with PUMY-P60NKMU

All indoor units

SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.			
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.
	SHC	SHC	SHC	SHC
06 (2.0)	2.1	2.0	1.6	1.5
08 (2.6)	2.7	2.6	2.1	2.0
12 (4.0)	4.2	4.0	3.3	3.0
15 (5.0)	5.2	5.0	4.1	3.8
18 (5.9)	6.1	5.8	4.8	4.5
24 (7.9)	8.2	7.8	6.5	6.0
27 (8.8)	9.2	8.7	7.2	6.7
30 (10.0)	10.4	9.9	8.2	7.6
36 (11.7)	12.2	11.6	9.6	8.9
48 (15.8)	16.4	15.6	13.0	12.0
54 (17.6)	18.3	17.4	14.4	13.4
72 (20.0)	20.8	19.8	16.4	15.2

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units

SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.			
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.
	SHC	SHC	SHC	SHC
06 (6,700)	7,000	6,600	5,500	5,100
08 (9,000)	9,400	8,900	7,400	6,800
12 (13,500)	14,000	13,400	11,100	10,300
15 (17,000)	17,700	16,800	13,900	12,900
18 (20,000)	20,800	19,800	16,400	15,200
24 (27,000)	28,100	26,700	22,100	20,500
27 (30,000)	31,200	29,700	24,600	22,800
30 (34,000)	35,400	33,700	27,900	25,800
36 (40,000)	41,600	39,600	32,800	30,400
48 (54,000)	56,200	53,500	44,300	41,000
54 (60,000)	62,400	59,400	49,200	45,600
72 (84,000)	71,100	67,700	56,100	52,000

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-12. Heating capacity with PUHY, PURY-P72-96TKMU/YKM

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.6	2.6	2.1	1.8	
12 (4.0)	4.0	4.0	3.2	2.8	
15 (5.0)	5.0	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.1	
24 (7.9)	8.0	7.9	6.3	5.5	
27 (8.8)	8.9	8.8	7.0	6.2	
30 (10.0)	10.1	10.0	8.0	7.0	
36 (11.7)	11.8	11.7	9.4	8.2	
48 (15.8)	16.0	15.8	12.6	11.1	
54 (17.6)	17.8	17.6	14.1	12.3	
72 (23.4)	23.6	23.4	18.7	16.4	
96 (31.7)	32.0	31.7	25.4	22.2	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,400	4,700	
08 (9,000)	9,100	9,000	7,200	6,300	
12 (13,500)	13,600	13,500	10,800	9,500	
15 (17,000)	17,200	17,000	13,600	11,900	
18 (20,000)	20,200	20,000	16,000	14,000	
24 (27,000)	27,300	27,000	21,600	18,900	
27 (30,000)	30,300	30,000	24,000	21,000	
30 (34,000)	34,300	34,000	27,200	23,800	
36 (40,000)	40,400	40,000	32,000	28,000	
48 (54,000)	54,500	54,000	43,200	37,800	
54 (60,000)	60,600	60,000	48,000	42,000	
72 (80,000)	80,800	80,000	64,000	56,000	
96 (108,000)	109,100	108,000	86,400	75,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-13. Heating capacity with PUHY, PURY-P120TKMU/YKMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.5	1.3	
08 (2.6)	2.7	2.6	1.9	1.7	
12 (4.0)	4.1	4.0	3.0	2.6	
15 (5.0)	5.1	5.0	3.7	3.2	
18 (5.9)	6.0	5.9	4.4	3.8	
24 (7.9)	8.1	7.9	5.9	5.1	
27 (8.8)	9.0	8.8	6.6	5.6	
30 (10.0)	10.2	10.0	7.5	6.4	
36 (11.7)	12.0	11.7	8.7	7.5	
48 (15.8)	16.2	15.8	11.8	10.1	
54 (17.6)	18.0	17.6	13.1	11.3	
72 (23.4)	24.0	23.4	17.4	15.0	
96 (31.7)	32.5	31.7	23.6	20.3	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,900	6,700	5,000	4,300	
08 (9,000)	9,200	9,000	6,700	5,800	
12 (13,500)	13,800	13,500	10,100	8,600	
15 (17,000)	17,400	17,000	12,700	10,900	
18 (20,000)	20,500	20,000	14,900	12,800	
24 (27,000)	27,700	27,000	20,100	17,300	
27 (30,000)	30,700	30,000	22,400	19,200	
30 (34,000)	34,800	34,000	25,300	21,800	
36 (40,000)	41,000	40,000	29,800	25,600	
48 (54,000)	55,300	54,000	40,300	34,600	
54 (60,000)	61,500	60,000	44,700	38,400	
72 (80,000)	82,000	80,000	59,600	51,200	
96 (108,000)	110,600	108,000	80,500	69,100	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-14. Heating capacity with PUHY, PURY-P144TKMU/YKMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.7	2.6	2.1	1.8	
12 (4.0)	4.1	4.0	3.2	2.8	
15 (5.0)	5.1	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.2	
24 (7.9)	8.1	7.9	6.3	5.6	
27 (8.8)	9.0	8.8	7.0	6.2	
30 (10.0)	10.2	10.0	7.9	7.1	
36 (11.7)	12.0	11.7	9.3	8.3	
48 (15.8)	16.1	15.8	12.5	11.2	
54 (17.6)	18.0	17.6	14.0	12.5	
72 (23.4)	23.9	23.4	18.6	16.6	
96 (31.7)	32.4	31.7	25.1	22.5	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,300	4,800	
08 (9,000)	9,200	9,000	7,100	6,400	
12 (13,500)	13,800	13,500	10,700	9,600	
15 (17,000)	17,400	17,000	13,500	12,100	
18 (20,000)	20,400	20,000	15,900	14,200	
24 (27,000)	27,600	27,000	21,400	19,200	
27 (30,000)	30,700	30,000	23,800	21,300	
30 (34,000)	34,700	34,000	27,000	24,100	
36 (40,000)	40,900	40,000	31,700	28,400	
48 (54,000)	55,200	54,000	42,800	38,300	
54 (60,000)	61,300	60,000	47,600	42,600	
72 (80,000)	81,800	80,000	63,400	56,700	
96 (108,000)	110,400	108,000	85,600	76,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-15. Heating capacity with PUHY, PURY-P168-192TSKMU/P144-192YSKMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.6	2.6	2.1	1.8	
12 (4.0)	4.0	4.0	3.2	2.8	
15 (5.0)	5.0	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.1	
24 (7.9)	8.0	7.9	6.3	5.5	
27 (8.8)	8.9	8.8	7.0	6.2	
30 (10.0)	10.1	10.0	8.0	7.0	
36 (11.7)	11.8	11.7	9.4	8.2	
48 (15.8)	16.0	15.8	12.6	11.1	
54 (17.6)	17.8	17.6	14.1	12.3	
72 (23.4)	23.6	23.4	18.7	16.4	
96 (31.7)	32.0	31.7	25.4	22.2	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,400	4,700	
08 (9,000)	9,100	9,000	7,200	6,300	
12 (13,500)	13,600	13,500	10,800	9,500	
15 (17,000)	17,200	17,000	13,600	11,900	
18 (20,000)	20,200	20,000	16,000	14,000	
24 (27,000)	27,300	27,000	21,600	18,900	
27 (30,000)	30,300	30,000	24,000	21,000	
30 (34,000)	34,300	34,000	27,200	23,800	
36 (40,000)	40,400	40,000	32,000	28,000	
48 (54,000)	54,500	54,000	43,200	37,800	
54 (60,000)	60,600	60,000	48,000	42,000	
72 (80,000)	80,800	80,000	64,000	56,000	
96 (108,000)	109,100	108,000	86,400	75,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-16. Heating capacity with PUHY, PURY-P216-240TSKMU/YSKMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.5	1.3	
08 (2.6)	2.7	2.6	1.9	1.7	
12 (4.0)	4.1	4.0	3.0	2.6	
15 (5.0)	5.1	5.0	3.7	3.2	
18 (5.9)	6.0	5.9	4.4	3.8	
24 (7.9)	8.1	7.9	5.9	5.1	
27 (8.8)	9.0	8.8	6.6	5.6	
30 (10.0)	10.2	10.0	7.5	6.4	
36 (11.7)	12.0	11.7	8.7	7.5	
48 (15.8)	16.2	15.8	11.8	10.1	
54 (17.6)	18.0	17.6	13.1	11.3	
72 (23.4)	24.0	23.4	17.4	15.0	
96 (31.7)	32.5	31.7	23.6	20.3	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,900	6,700	5,000	4,300	
08 (9,000)	9,200	9,000	6,700	5,800	
12 (13,500)	13,800	13,500	10,100	8,600	
15 (17,000)	17,400	17,000	12,700	10,900	
18 (20,000)	20,500	20,000	14,900	12,800	
24 (27,000)	27,700	27,000	20,100	17,300	
27 (30,000)	30,700	30,000	22,400	19,200	
30 (34,000)	34,800	34,000	25,300	21,800	
36 (40,000)	41,000	40,000	29,800	25,600	
48 (54,000)	55,300	54,000	40,300	34,600	
54 (60,000)	61,500	60,000	44,700	38,400	
72 (80,000)	82,000	80,000	59,600	51,200	
96 (108,000)	110,600	108,000	80,500	69,100	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-17. Heating capacity with PUHY, PURY-P264-288TSKMU/YSKMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.7	2.6	2.1	1.8	
12 (4.0)	4.1	4.0	3.2	2.8	
15 (5.0)	5.1	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.2	
24 (7.9)	8.1	7.9	6.3	5.6	
27 (8.8)	9.0	8.8	7.0	6.2	
30 (10.0)	10.2	10.0	7.9	7.1	
36 (11.7)	12.0	11.7	9.3	8.3	
48 (15.8)	16.1	15.8	12.5	11.2	
54 (17.6)	18.0	17.6	14.0	12.5	
72 (23.4)	23.9	23.4	18.6	16.6	
96 (31.7)	32.4	31.7	25.1	22.5	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,300	4,800	
08 (9,000)	9,200	9,000	7,100	6,400	
12 (13,500)	13,800	13,500	10,700	9,600	
15 (17,000)	17,400	17,000	13,500	12,100	
18 (20,000)	20,400	20,000	15,900	14,200	
24 (27,000)	27,600	27,000	21,400	19,200	
27 (30,000)	30,700	30,000	23,800	21,300	
30 (34,000)	34,700	34,000	27,000	24,100	
36 (40,000)	40,900	40,000	31,700	28,400	
48 (54,000)	55,200	54,000	42,800	38,300	
54 (60,000)	61,300	60,000	47,600	42,600	
72 (80,000)	81,800	80,000	63,400	56,700	
96 (108,000)	110,400	108,000	85,600	76,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-18. Heating capacity with PUHY-P312-360TSKMU/YSKMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.5	1.3	
08 (2.6)	2.7	2.6	1.9	1.7	
12 (4.0)	4.1	4.0	3.0	2.6	
15 (5.0)	5.1	5.0	3.7	3.2	
18 (5.9)	6.0	5.9	4.4	3.8	
24 (7.9)	8.1	7.9	5.9	5.1	
27 (8.8)	9.0	8.8	6.6	5.6	
30 (10.0)	10.2	10.0	7.5	6.4	
36 (11.7)	12.0	11.7	8.7	7.5	
48 (15.8)	16.2	15.8	11.8	10.1	
54 (17.6)	18.0	17.6	13.1	11.3	
72 (23.4)	24.0	23.4	17.4	15.0	
96 (31.7)	32.5	31.7	23.6	20.3	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,900	6,700	5,000	4,300	
08 (9,000)	9,200	9,000	6,700	5,800	
12 (13,500)	13,800	13,500	10,100	8,600	
15 (17,000)	17,400	17,000	12,700	10,900	
18 (20,000)	20,500	20,000	14,900	12,800	
24 (27,000)	27,700	27,000	20,100	17,300	
27 (30,000)	30,700	30,000	22,400	19,200	
30 (34,000)	34,800	34,000	25,300	21,800	
36 (40,000)	41,000	40,000	29,800	25,600	
48 (54,000)	55,300	54,000	40,300	34,600	
54 (60,000)	61,500	60,000	44,700	38,400	
72 (80,000)	82,000	80,000	59,600	51,200	
96 (108,000)	110,600	108,000	80,500	69,100	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-19. Heating capacity with PUMY-P60NKMU “High heating performance mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.4	2.0	1.6	1.5	
08 (2.6)	3.1	2.7	2.1	2.0	
12 (4.0)	4.8	4.1	3.3	3.0	
15 (5.0)	6.1	5.1	4.1	3.8	
18 (5.9)	7.1	6.0	4.8	4.5	
24 (7.9)	9.6	8.1	6.5	6.0	
27 (8.8)	10.6	9.0	7.2	6.7	
30 (10.0)	12.1	10.2	8.2	7.6	
36 (11.7)	14.2	11.9	9.6	8.9	
48 (15.8)	19.1	16.1	13.0	12.0	
54 (17.6)	21.3	18.0	14.4	13.4	
72 (23.4)	24.3	20.5	16.4	15.2	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	8,100	6,800	5,500	5,100	
08 (9,000)	10,900	9,200	7,400	6,800	
12 (13,500)	16,300	13,800	11,100	10,300	
15 (17,000)	20,600	17,300	13,900	12,900	
18 (20,000)	24,200	20,400	16,400	15,200	
24 (27,000)	32,700	27,500	22,100	20,500	
27 (30,000)	36,300	30,600	24,600	22,800	
30 (34,000)	41,100	34,700	27,900	25,800	
36 (40,000)	48,400	40,800	32,800	30,400	
48 (54,000)	65,300	55,100	44,300	41,000	
54 (60,000)	72,600	61,200	49,200	45,600	
72 (80,000)	82,800	69,800	56,100	52,000	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-20. Heating capacity with PUHY, PURY-P72-96TKMU/YKMU “High heating performance mode”

All indoor units SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.			
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.
	SHC	SHC	SHC	SHC
06 (2.0)	2.0	2.0	1.6	1.4
08 (2.6)	2.6	2.6	2.1	1.8
12 (4.0)	4.0	4.0	3.2	2.8
15 (5.0)	5.1	5.0	4.0	3.5
18 (5.9)	6.0	5.9	4.7	4.1
24 (7.9)	8.0	7.9	6.3	5.5
27 (8.8)	8.9	8.8	7.0	6.2
30 (10.0)	10.1	10.0	8.0	7.0
36 (11.7)	11.8	11.7	9.4	8.2
48 (15.8)	16.0	15.8	12.6	11.1
54 (17.6)	17.8	17.6	14.1	12.3
72 (23.4)	23.6	23.4	18.7	16.4
96 (31.7)	32.0	31.7	25.4	22.2

* The capacity does not depend on the outdoor temperature. kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.			
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.
	SHC	SHC	SHC	SHC
06 (6,700)	6,800	6,700	5,400	4,700
08 (9,000)	9,100	9,000	7,200	6,300
12 (13,500)	13,600	13,500	10,800	9,500
15 (17,000)	17,200	17,000	13,600	11,900
18 (20,000)	20,200	20,000	16,000	14,000
24 (27,000)	27,300	27,000	21,600	18,900
27 (30,000)	30,300	30,000	24,000	21,000
30 (34,000)	34,300	34,000	27,200	23,800
36 (40,000)	40,400	40,000	32,000	28,000
48 (54,000)	54,500	54,000	43,200	37,800
54 (60,000)	60,600	60,000	48,000	42,000
72 (80,000)	80,800	80,000	64,000	56,000
96 (108,000)	109,100	108,000	86,400	75,600

* The capacity does not depend on the outdoor temperature. kcal/h = kW x 860, BTU/h = kW x 3,412

8-21. Heating capacity with PUHY, PURY-P120TKMU/YKMU “High heating performance mode”

All indoor units SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.			
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.
	SHC	SHC	SHC	SHC
06 (2.0)	2.0	2.0	1.5	1.3
08 (2.6)	2.7	2.6	1.9	1.7
12 (4.0)	4.1	4.0	3.0	2.6
15 (5.0)	5.1	5.0	3.7	3.2
18 (5.9)	6.0	5.9	4.4	3.8
24 (7.9)	8.1	7.9	5.9	5.1
27 (8.8)	9.0	8.8	6.6	5.6
30 (10.0)	10.2	10.0	7.5	6.4
36 (11.7)	12.0	11.7	8.7	7.5
48 (15.8)	16.2	15.8	11.8	10.1
54 (17.6)	18.0	17.6	13.1	11.3
72 (23.4)	24.0	23.4	17.4	15.0
96 (31.7)	32.5	31.7	23.6	20.3

* The capacity does not depend on the outdoor temperature. kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.			
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.
	SHC	SHC	SHC	SHC
06 (6,700)	6,900	6,700	5,000	4,300
08 (9,000)	9,200	9,000	6,700	5,800
12 (13,500)	13,800	13,500	10,100	8,600
15 (17,000)	17,400	17,000	12,700	10,900
18 (20,000)	20,500	20,000	14,900	12,800
24 (27,000)	27,700	27,000	20,100	17,300
27 (30,000)	30,700	30,000	22,400	19,200
30 (34,000)	34,800	34,000	25,300	21,800
36 (40,000)	41,000	40,000	29,800	25,600
48 (54,000)	55,300	54,000	40,200	34,600
54 (60,000)	61,500	60,000	44,700	38,400
72 (80,000)	82,000	80,000	59,600	51,200
96 (108,000)	110,600	108,000	80,500	69,100

* The capacity does not depend on the outdoor temperature. kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-22. Heating capacity with PUHY, PURY-P144TKMU/YKMU “High heating performance mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.7	2.6	2.1	1.8	
12 (4.0)	4.1	4.0	3.2	2.8	
15 (5.0)	5.1	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.2	
24 (7.9)	8.1	7.9	6.3	5.6	
27 (8.8)	9.0	8.8	7.0	6.2	
30 (10.0)	10.2	10.0	7.9	7.1	
36 (11.7)	12.0	11.7	9.3	8.3	
48 (15.8)	16.1	15.8	12.5	11.2	
54 (17.6)	18.0	17.6	14.0	12.5	
72 (23.4)	23.9	23.4	18.6	16.6	
96 (31.7)	32.4	31.7	25.1	22.5	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,300	4,800	
08 (9,000)	9,200	9,000	7,100	6,400	
12 (13,500)	13,800	13,500	10,700	9,600	
15 (17,000)	17,400	17,000	13,500	12,100	
18 (20,000)	20,400	20,000	15,900	14,200	
24 (27,000)	27,600	27,000	21,400	19,200	
27 (30,000)	30,700	30,000	23,800	21,300	
30 (34,000)	34,700	34,000	27,000	24,100	
36 (40,000)	40,900	40,000	31,700	28,400	
48 (54,000)	55,200	54,000	42,800	38,300	
54 (60,000)	61,300	60,000	47,600	42,600	
72 (80,000)	81,700	80,000	63,400	56,700	
96 (108,000)	110,400	108,000	85,600	76,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-23. Heating capacity with PUHY, PURY-P168-192TSKM/P144-192YSKMU “High heating performance mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.6	2.6	2.1	1.8	
12 (4.0)	4.0	4.0	3.2	2.8	
15 (5.0)	5.1	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.1	
24 (7.9)	8.0	7.9	6.3	5.5	
27 (8.8)	8.9	8.8	7.0	6.2	
30 (10.0)	10.1	10.0	8.0	7.0	
36 (11.7)	11.8	11.7	9.4	8.2	
48 (15.8)	16.0	15.8	12.6	11.1	
54 (17.6)	17.8	17.6	14.1	12.3	
72 (23.4)	23.6	23.4	18.7	16.4	
96 (31.7)	32.0	31.7	25.4	22.2	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,400	4,700	
08 (9,000)	9,100	9,000	7,200	6,300	
12 (13,500)	13,600	13,500	10,800	9,500	
15 (17,000)	17,200	17,000	13,600	11,900	
18 (20,000)	20,200	20,000	16,000	14,000	
24 (27,000)	27,300	27,000	21,600	18,900	
27 (30,000)	30,300	30,000	24,000	21,000	
30 (34,000)	34,300	34,000	27,200	23,800	
36 (40,000)	40,400	40,000	32,000	28,000	
48 (54,000)	54,500	54,000	43,200	37,800	
54 (60,000)	60,600	60,000	48,000	42,000	
72 (80,000)	80,800	80,000	64,000	56,000	
96 (108,000)	109,100	108,000	86,400	75,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-24. Heating capacity with PUHY, PURY-P216-240TSKMU/YSKMU “High heating performance mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.5	1.3	
08 (2.6)	2.7	2.6	1.9	1.7	
12 (4.0)	4.1	4.0	3.0	2.6	
15 (5.0)	5.1	5.0	3.7	3.2	
18 (5.9)	6.0	5.9	4.4	3.8	
24 (7.9)	8.1	7.9	5.9	5.1	
27 (8.8)	9.0	8.8	6.6	5.6	
30 (10.0)	10.2	10.0	7.5	6.4	
36 (11.7)	12.0	11.7	8.7	7.5	
48 (15.8)	16.2	15.8	11.8	10.1	
54 (17.6)	18.0	17.6	13.1	11.3	
72 (23.4)	24.0	23.4	17.4	15.0	
96 (31.7)	32.5	31.7	23.6	20.3	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,900	6,700	5,000	4,300	
08 (9,000)	9,200	9,000	6,700	5,800	
12 (13,500)	13,800	13,500	10,100	8,600	
15 (17,000)	17,400	17,000	12,700	10,900	
18 (20,000)	20,500	20,000	14,900	12,800	
24 (27,000)	27,700	27,000	20,100	17,300	
27 (30,000)	30,700	30,000	22,400	19,200	
30 (34,000)	34,800	34,000	25,300	21,800	
36 (40,000)	41,000	40,000	29,800	25,600	
48 (54,000)	55,300	54,000	40,200	34,600	
54 (60,000)	61,500	60,000	44,700	38,400	
72 (80,000)	82,000	80,000	59,600	51,200	
96 (108,000)	110,600	108,000	80,500	69,100	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-25. Heating capacity with PUHY, PURY-P264-288TSKMU/YSKMU “High heating performance mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	1.6	1.4	
08 (2.6)	2.7	2.6	2.1	1.8	
12 (4.0)	4.1	4.0	3.2	2.8	
15 (5.0)	5.1	5.0	4.0	3.5	
18 (5.9)	6.0	5.9	4.7	4.2	
24 (7.9)	8.1	7.9	6.3	5.6	
27 (8.8)	9.0	8.8	7.0	6.2	
30 (10.0)	10.2	10.0	7.9	7.1	
36 (11.7)	12.0	11.7	9.3	8.3	
48 (15.8)	16.1	15.8	12.5	11.2	
54 (17.6)	18.0	17.6	14.0	12.5	
72 (23.4)	23.9	23.4	18.6	16.6	
96 (31.7)	32.4	31.7	25.1	22.5	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,800	6,700	5,300	4,800	
08 (9,000)	9,200	9,000	7,100	6,400	
12 (13,500)	13,800	13,500	10,700	9,600	
15 (17,000)	17,400	17,000	13,500	12,100	
18 (20,000)	20,400	20,000	15,900	14,200	
24 (27,000)	27,600	27,000	21,400	19,200	
27 (30,000)	30,700	30,000	23,800	21,300	
30 (34,000)	34,700	34,000	27,000	24,100	
36 (40,000)	40,900	40,000	31,700	28,400	
48 (54,000)	55,200	54,000	42,800	38,300	
54 (60,000)	61,300	60,000	47,600	42,600	
72 (80,000)	81,700	80,000	63,400	56,700	
96 (108,000)	110,400	108,000	85,600	76,600	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-26. Heating capacity with PUHY-P312-360TSKMU/YSKMU “High heating performance mode”

All indoor units

SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.			
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.
	SHC	SHC	SHC	SHC
06 (2.0)	2.0	2.0	1.5	1.3
08 (2.6)	2.7	2.6	1.9	1.7
12 (4.0)	4.1	4.0	3.0	2.6
15 (5.0)	5.1	5.0	3.7	3.2
18 (5.9)	6.0	5.9	4.4	3.8
24 (7.9)	8.1	7.9	5.9	5.1
27 (8.8)	9.0	8.8	6.6	5.6
30 (10.0)	10.2	10.0	7.5	6.4
36 (11.7)	12.0	11.7	8.7	7.5
48 (15.8)	16.2	15.8	11.8	10.1
54 (17.6)	18.0	17.6	13.1	11.3
72 (23.4)	24.0	23.4	17.4	15.0
96 (31.7)	32.5	31.7	23.6	20.3

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units

SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.			
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.
	SHC	SHC	SHC	SHC
06 (6,700)	6,900	6,700	5,000	4,300
08 (9,000)	9,200	9,000	6,700	5,800
12 (13,500)	13,800	13,500	10,100	8,600
15 (17,000)	17,400	17,000	12,700	10,900
18 (20,000)	20,500	20,000	14,900	12,800
24 (27,000)	27,700	27,000	20,100	17,300
27 (30,000)	30,700	30,000	22,400	19,200
30 (34,000)	34,800	34,000	25,300	21,800
36 (40,000)	41,000	40,000	29,800	25,600
48 (54,000)	55,300	54,000	40,200	34,600
54 (60,000)	61,500	60,000	44,700	38,400
72 (80,000)	82,000	80,000	59,600	51,200
96 (108,000)	110,600	108,000	80,500	69,100

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-27. Heating capacity with PUHY-HP72-192T(S)JMU

SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.			
	15.0°C D.B.	21.1°C D.B.	25.0°C D.B.	27.2°C D.B.
	SHC	SHC	SHC	SHC
06 (2.0)	2.4	2.0	1.7	1.4
08 (2.6)	3.1	2.6	2.2	1.9
12 (4.0)	4.7	4.0	3.4	2.9
15 (5.0)	5.9	5.0	4.2	3.6
18 (5.9)	7.0	5.9	5.0	4.2
24 (7.9)	9.3	7.9	6.6	5.7
27 (8.8)	10.4	8.8	7.4	6.3
30 (10.0)	11.8	10.0	8.4	7.2
36 (11.7)	13.8	11.7	9.8	8.4
48 (15.8)	18.7	15.8	13.3	11.4
54 (17.6)	20.8	17.6	14.8	12.7
72 (23.4)	27.7	23.4	19.7	16.8
96 (31.7)	37.5	31.7	26.6	22.8

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

SHC: Sensible Heat Capacity (BTU/h)

Model size (Rated BTU)	Indoor air temp.			
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.
	SHC	SHC	SHC	SHC
06 (6,700)	8,100	6,800	5,700	4,900
08 (9,000)	10,500	8,900	7,500	6,400
12 (13,500)	16,100	13,600	11,500	9,800
15 (17,000)	20,200	17,100	14,300	12,300
18 (20,000)	23,800	20,100	16,900	14,500
24 (27,000)	31,900	27,000	22,600	19,400
27 (30,000)	35,500	30,000	25,200	21,600
30 (34,000)	40,300	34,100	28,700	24,600
36 (40,000)	47,200	39,900	33,500	28,700
48 (54,000)	63,700	53,900	45,300	38,800
54 (60,000)	71,000	60,100	50,400	43,200
72 (80,000)	94,400	79,800	67,100	57,500
96 (108,000)	127,900	108,200	90,900	77,900

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-28. Heating capacity with PUHY-HP72, 144T(S)JMU “High heating performance mode”

All Indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.4	2.0	1.7	1.4	
08 (2.6)	3.1	2.6	2.2	1.9	
12 (4.0)	4.7	4.0	3.3	2.9	
15 (5.0)	5.9	5.0	4.2	3.6	
18 (5.9)	7.0	5.9	4.9	4.3	
24 (7.9)	9.3	7.9	6.6	5.7	
27 (8.8)	10.4	8.8	7.4	6.3	
30 (10.0)	11.8	10.0	8.4	7.2	
36 (11.7)	13.8	11.7	9.8	8.4	
48 (15.8)	18.7	15.8	13.2	11.4	
54 (17.6)	20.8	17.6	14.7	12.7	
72 (23.4)	27.7	23.4	19.6	16.9	
96 (31.7)	37.5	31.7	26.5	22.8	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All Indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	7,900	6,700	5,600	4,800	
08 (9,000)	10,600	9,000	7,500	6,500	
12 (13,500)	16,000	13,500	11,300	9,700	
15 (17,000)	20,100	17,000	14,200	12,300	
18 (20,000)	23,600	20,000	16,700	14,400	
24 (27,000)	31,900	27,000	22,600	19,500	
27 (30,000)	35,500	30,000	25,100	21,600	
30 (34,000)	40,200	34,000	28,500	24,500	
36 (40,000)	47,300	40,000	33,500	28,800	
48 (54,000)	63,800	54,000	45,200	38,900	
54 (60,000)	70,900	60,000	50,200	43,200	
72 (80,000)	94,600	80,000	66,900	57,600	
96 (108,000)	127,700	108,000	90,400	77,800	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-29. Heating capacity with PUHY-HP96, 192T(S)JMU “High heating performance mode”

All Indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.4	2.0	1.7	1.4	
08 (2.6)	3.1	2.6	2.2	1.9	
12 (4.0)	4.7	4.0	3.3	2.9	
15 (5.0)	5.9	5.0	4.2	3.6	
18 (5.9)	7.0	5.9	4.9	4.3	
24 (7.9)	9.3	7.9	6.6	5.7	
27 (8.8)	10.4	8.8	7.4	6.3	
30 (10.0)	11.8	10.0	8.4	7.2	
36 (11.7)	13.8	11.7	9.8	8.4	
48 (15.8)	18.7	15.8	13.2	11.4	
54 (17.6)	20.8	17.6	14.7	12.7	
72 (23.4)	27.7	23.4	19.6	16.9	
96 (31.7)	37.5	31.7	26.5	22.8	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All Indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	7,900	6,700	5,600	4,800	
08 (9,000)	10,600	9,000	7,500	6,500	
12 (13,500)	16,000	13,500	11,300	9,700	
15 (17,000)	20,100	17,000	14,200	12,300	
18 (20,000)	23,600	20,000	16,700	14,400	
24 (27,000)	31,900	27,000	22,600	19,500	
27 (30,000)	35,500	30,000	25,100	21,600	
30 (34,000)	40,200	34,000	28,500	24,500	
36 (40,000)	47,300	40,000	33,500	28,800	
48 (54,000)	63,800	54,000	45,200	38,900	
54 (60,000)	70,900	60,000	50,200	43,200	
72 (80,000)	94,600	80,000	66,900	57,600	
96 (108,000)	127,700	108,000	90,400	77,800	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-30. Heating capacity with PURY-HP72-192T(S)KMU/Y(S)KMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.3	2.0	1.7	1.4	
08 (2.6)	3.0	2.6	2.2	1.9	
12 (4.0)	4.6	4.0	3.4	2.9	
15 (5.0)	5.7	5.0	4.2	3.6	
18 (5.9)	6.7	5.9	5.0	4.2	
24 (7.9)	9.0	7.9	6.6	5.7	
27 (8.8)	10.0	8.8	7.4	6.3	
30 (10.0)	11.4	10.0	8.4	7.2	
36 (11.7)	13.3	11.7	9.8	8.4	
48 (15.8)	18.0	15.8	13.3	11.4	
54 (17.6)	20.1	17.6	14.8	12.7	
72 (23.4)	26.7	23.4	19.7	16.8	
96 (31.7)	36.1	31.7	26.6	22.8	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	7,600	6,700	5,600	4,800	
08 (9,000)	10,300	9,000	7,600	6,500	
12 (13,500)	15,400	13,500	11,300	9,700	
15 (17,000)	19,400	17,000	14,300	12,200	
18 (20,000)	22,800	20,000	16,800	14,400	
24 (27,000)	30,800	27,000	22,700	19,400	
27 (30,000)	34,200	30,000	25,200	21,600	
30 (34,000)	38,800	34,000	28,600	24,500	
36 (40,000)	45,600	40,000	33,600	28,800	
48 (54,000)	61,600	54,000	45,400	38,900	
54 (60,000)	68,400	60,000	50,400	43,200	
72 (80,000)	91,200	80,000	67,200	57,600	
96 (108,000)	123,100	108,000	90,700	77,800	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-31. Heating capacity with PURY-HP72-192T(S)KMU/Y(S)KMU “High heat performance mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.3	2.0	1.7	1.4	
08 (2.6)	3.0	2.6	2.2	1.9	
12 (4.0)	4.6	4.0	3.4	2.9	
15 (5.0)	5.7	5.0	4.2	3.6	
18 (5.9)	6.7	5.9	5.0	4.2	
24 (7.9)	9.0	7.9	6.6	5.7	
27 (8.8)	10.0	8.8	7.4	6.3	
30 (10.0)	11.4	10.0	8.4	7.2	
36 (11.7)	13.3	11.7	9.8	8.4	
48 (15.8)	18.0	15.8	13.3	11.4	
54 (17.6)	20.1	17.6	14.8	12.7	
72 (23.4)	26.7	23.4	19.7	16.8	
96 (31.7)	36.1	31.7	26.6	22.8	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	7,600	6,700	5,600	4,800	
08 (9,000)	10,300	9,000	7,600	6,500	
12 (13,500)	15,400	13,500	11,300	9,700	
15 (17,000)	19,400	17,000	14,300	12,200	
18 (20,000)	22,800	20,000	16,800	14,400	
24 (27,000)	30,800	27,000	22,700	19,400	
27 (30,000)	34,200	30,000	25,200	21,600	
30 (34,000)	38,800	34,000	28,600	24,500	
36 (40,000)	45,600	40,000	33,600	28,800	
48 (54,000)	61,600	54,000	45,400	38,900	
54 (60,000)	68,400	60,000	50,400	43,200	
72 (80,000)	91,200	80,000	67,200	57,600	
96 (108,000)	123,100	108,000	90,700	77,800	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8. CAPACITY TABLES

8-32. Heating capacity with PURY-HP72-192T(S)KMU/Y(S)KMU “Intelligent heat mode”

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.3	2.0	1.7	1.4	
08 (2.6)	3.0	2.6	2.2	1.9	
12 (4.0)	4.6	4.0	3.4	2.9	
15 (5.0)	5.7	5.0	4.2	3.6	
18 (5.9)	6.7	5.9	5.0	4.2	
24 (7.9)	9.0	7.9	6.6	5.7	
27 (8.8)	10.0	8.8	7.4	6.3	
30 (10.0)	11.4	10.0	8.4	7.2	
36 (11.7)	13.3	11.7	9.8	8.4	
48 (15.8)	18.0	15.8	13.3	11.4	
54 (17.6)	20.1	17.6	14.8	12.7	
72 (23.4)	26.7	23.4	19.7	16.8	
96 (31.7)	36.1	31.7	26.6	22.8	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	7,600	6,700	5,600	4,800	
08 (9,000)	10,300	9,000	7,600	6,500	
12 (13,500)	15,400	13,500	11,300	9,700	
15 (17,000)	19,400	17,000	14,300	12,200	
18 (20,000)	22,800	20,000	16,800	14,400	
24 (27,000)	30,800	27,000	22,700	19,400	
27 (30,000)	34,200	30,000	25,200	21,600	
30 (34,000)	38,800	34,000	28,600	24,500	
36 (40,000)	45,600	40,000	33,600	28,800	
48 (54,000)	61,600	54,000	45,400	38,900	
54 (60,000)	68,400	60,000	50,400	43,200	
72 (80,000)	91,200	80,000	67,200	57,600	
96 (108,000)	123,100	108,000	90,700	77,800	

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

8-33. Heating capacity with PQHY-P72-360, PQRY-P72-240T(S)HMU/Y(S)HMU

All indoor units		SHC: Sensible Heat Capacity (kW)			
Model size (Rated kW)	Indoor air temp.				
	15°C D.B.	21.1°C D.B.	25°C D.B.	27.2°C D.B.	
	SHC	SHC	SHC	SHC	
06 (2.0)	2.0	2.0	2.0	1.7	
08 (2.6)	2.6	2.6	2.6	2.2	
12 (4.0)	4.0	4.0	4.0	3.4	
15 (5.0)	5.0	5.0	5.0	4.3	
18 (5.9)	5.9	5.9	5.9	5.1	
24 (7.9)	7.9	7.9	7.9	6.8	
27 (8.8)	8.8	8.8	8.8	7.6	
30 (10.0)	10.0	10.0	10.0	8.6	
36 (11.7)	11.7	11.7	11.7	10.1	
48 (15.8)	15.8	15.8	15.8	13.6	
54 (17.6)	17.6	17.6	17.6	15.2	
72 (23.4)	23.4	23.4	23.4	20.2	
96 (31.7)	31.7	31.7	31.7	27.3	

* The capacity does not depend on the inlet-water temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

All indoor units		SHC: Sensible Heat Capacity (BTU/h)			
Model size (Rated BTU)	Indoor air temp.				
	59°F D.B.	70°F D.B.	77°F D.B.	81°F D.B.	
	SHC	SHC	SHC	SHC	
06 (6,700)	6,700	6,700	6,700	5,800	
08 (9,000)	9,000	9,000	9,000	7,800	
12 (13,500)	13,500	13,500	13,500	11,600	
15 (17,000)	17,000	17,000	17,000	14,700	
18 (20,000)	20,000	20,000	20,000	17,200	
24 (27,000)	27,000	27,000	27,000	23,300	
27 (30,000)	30,000	30,000	30,000	25,900	
30 (34,000)	34,000	34,000	34,000	29,300	
36 (40,000)	40,000	40,000	40,000	34,500	
48 (54,000)	54,000	54,000	54,000	46,500	
54 (60,000)	60,000	60,000	60,000	51,700	
72 (80,000)	80,000	80,000	80,000	69,000	
96 (108,000)	108,000	108,000	108,000	93,100	

* The capacity does not depend on the inlet-water temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

