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 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz
Cooling capacity		*1	BTU/h	12,000	18,000	24,000	30,000
		*1	kW	3.5	5.3	7.0	8.8
	*2	Power input	kW	0.080	0.130	0.180	0.210
	*2	Current input	A	0.80/0.70	1.20/1.10	1.60/1.40	2.00/1.70
Heating capacity		*3	BTU/h	13,500	20,000	27,000	34,000
		*3	kW	4.0	5.9	7.9	10.0
	*2	Power input	kW	0.080	0.130	0.180	0.210
	*2	Current input	A	0.80/0.70	1.20/1.10	1.60/1.40	2.00/1.70
External finish				Galvanized steel cabinet-Powder coated Slate Gray	Galvanized steel cabinet-Powder coated Slate Gray	Galvanized steel cabinet-Powder coated Slate Gray	Galvanized steel cabinet-Powder coated Slate Gray
External dimension H x W x D			inch	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 (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
FAN	Type x Quantity			Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1
*4	External static press.		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>
			Pa	<75> - 125 - <200>	<75> - 125 - <200>	<75> - 125 - <200>	<75> - 125 - <200>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Motor output		kW	0.121	0.121	0.121	0.244
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			cfm	280 - 340 - 400	410 - 497 - 585	515 - 625 - 735	613 - 744 - 875
			m^3/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 (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		*2	dB <A>	27-31-35	28-32-36	30-34-38	32-36-40
Insulation material				EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse	Fuse	Fuse	Fuse
Refrigerant control device				LEV	LEV	LEV	LEV
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe	Liquid (R410A)		inch (mm)	1/4 (6.35)Brazed	1/4 (6.35)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed
	Gas (R410A)		inch (mm)	1/2 (12.7)Brazed	1/2 (12.7)Brazed	5/8 (15.88)Brazed	5/8 (15.88)Brazed
Field drain pipe size			inch (mm)	3/4 (19.05) FPT	3/4 (19.05) FPT	3/4 (19.05) FPT	3/4 (19.05) FPT
Drawing	External			PA94C316	PA94C316	PA94C316	PA94C316
	Wiring			PA94C110	PA94C110	PA94C110	PA94C110
	Refrigerant cycle			-	-	-	-
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Tie band, Plastic tube, Drain pan seal	Tie band, Plastic tube, Drain pan seal	Tie band, Plastic tube, Drain pan seal	Tie band, Plastic tube, Drain pan seal
Optional parts	External heater adapter			PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
Remarks				* 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.			

Notes:

1.Nominal cooling conditions
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
2.The values are measured at the factory setting of external static pressure.
3.Nominal heating conditions
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
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.

Unit converter

kcal/h	=kW x 860
BTU/h	=kW x 3,412
cfm	=m^3/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Model				PVFY-P36NAMU-E	PVFY-P48NAMU-E	PVFY-P54NAMU-E	
Power source				1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	
Cooling capacity		*1	BTU/h	36,000	48,000	54,000	
		*1	kW	10.6	14.1	15.8	
	*2	Power input	kW	0.340	0.420	0.480	
	*2	Current input	A	3.00/2.70	3.50/3.30	3.90/3.70	
Heating capacity		*3	BTU/h	40,000	54,000	60,000	
		*3	kW	11.7	15.8	17.6	
	*2	Power input	kW	0.340	0.420	0.480	
	*2	Current input	A	3.00/2.70	3.50/3.30	3.90/3.70	
External finish				Galvanized steel cabinet-Powder coated Slate Gray	Galvanized steel cabinet-Powder coated Slate Gray	Galvanized steel cabinet-Powder coated Slate Gray	
External dimension H x W x D			inch	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 (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	
FAN	Type x Quantity			Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	
*4	External static press.		in.WG	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80>	
			Pa	<75> - 125 - <200>	<75> - 125 - <200>	<75> - 125 - <200>	
	Motor Type			DC motor	DC motor	DC motor	
	Motor output		kW	0.244	0.43	0.43	
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			cfm	767 - 931 - 1,095	980 - 1,190 - 1,400	1,040 - 1,262 - 1,485	
			m^3/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 (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
		*2	dB <A>	35-39-43	35-39-43	36-40-44	
Insulation material				EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	
Protection device				Fuse	Fuse	Fuse	
Refrigerant control device				LEV	LEV	LEV	
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)		inch (mm)	3/8 (9.52)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed	
	Gas (R410A)		inch (mm)	5/8 (15.88)Brazed	5/8 (15.88)Brazed	5/8 (15.88)Brazed	
Field drain pipe size			inch (mm)	3/4 (19.05) FPT	3/4 (19.05) FPT	3/4 (19.05) FPT	
Drawing	External			PA94C316	PA94C316	PA94C316	
	Wiring			PA94C110	PA94C110	PA94C110	
	Refrigerant cycle			-	-	-	
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory			Tie band, Plastic tube, Drain pan seal	Tie band, Plastic tube, Drain pan seal	Tie band, Plastic tube, Drain pan seal	
Optional parts	External heater adapter			PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	
Remarks				* 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.			

Notes:

1. Nominal cooling conditions
   Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
   Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
2. The values are measured at the factory setting of external static pressure.
3. Nominal heating conditions
   Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
   Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)
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.

Unit converter

kcal/h	=kW x 860
BTU/h	=kW x 3,412
cfm	=m^3/min x 35.31
lbs	=kg/0.4536

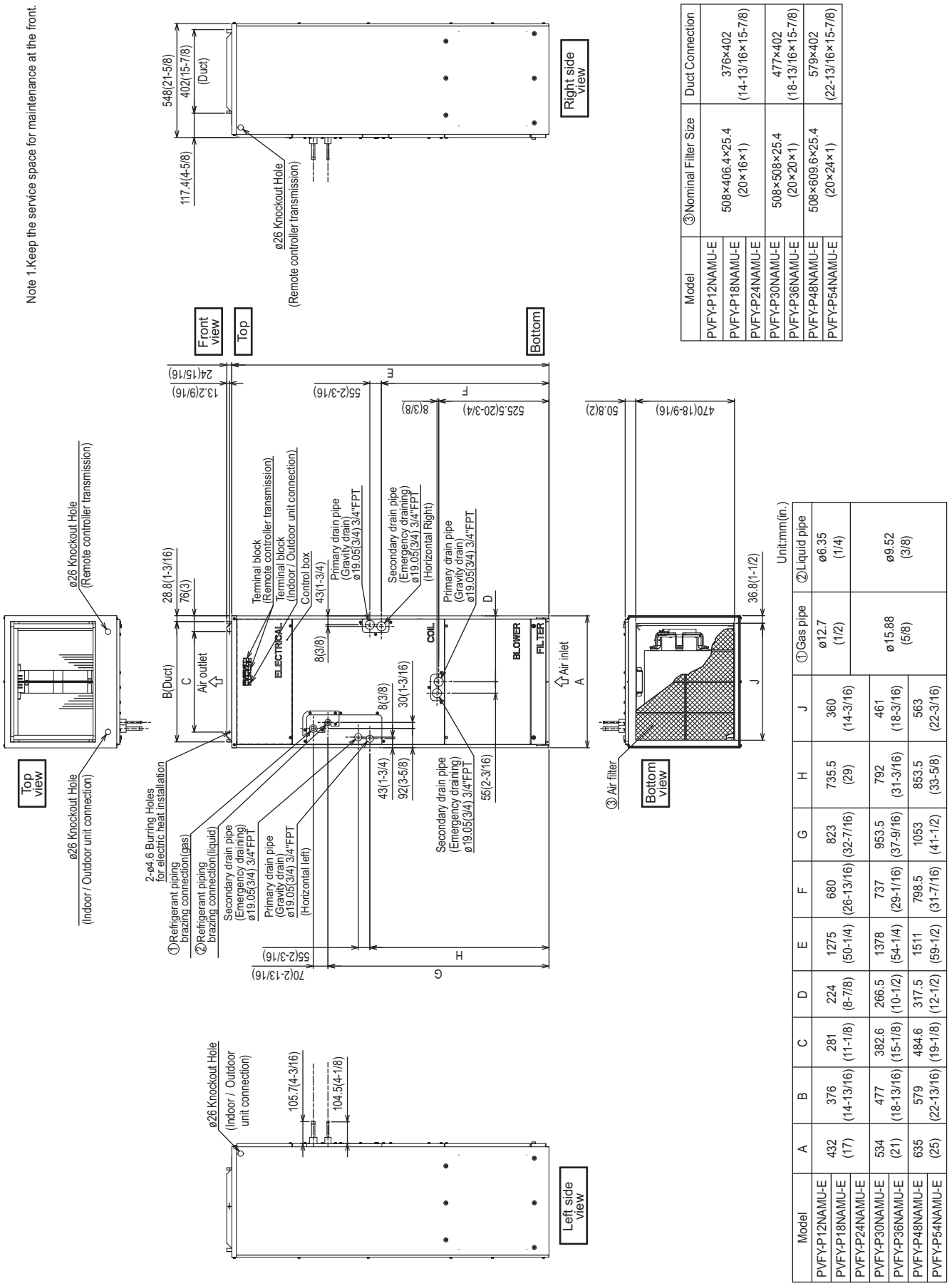
*Above specification data is subject to rounding variation.

PVFY

PVFY

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

Unit : mm (in.)



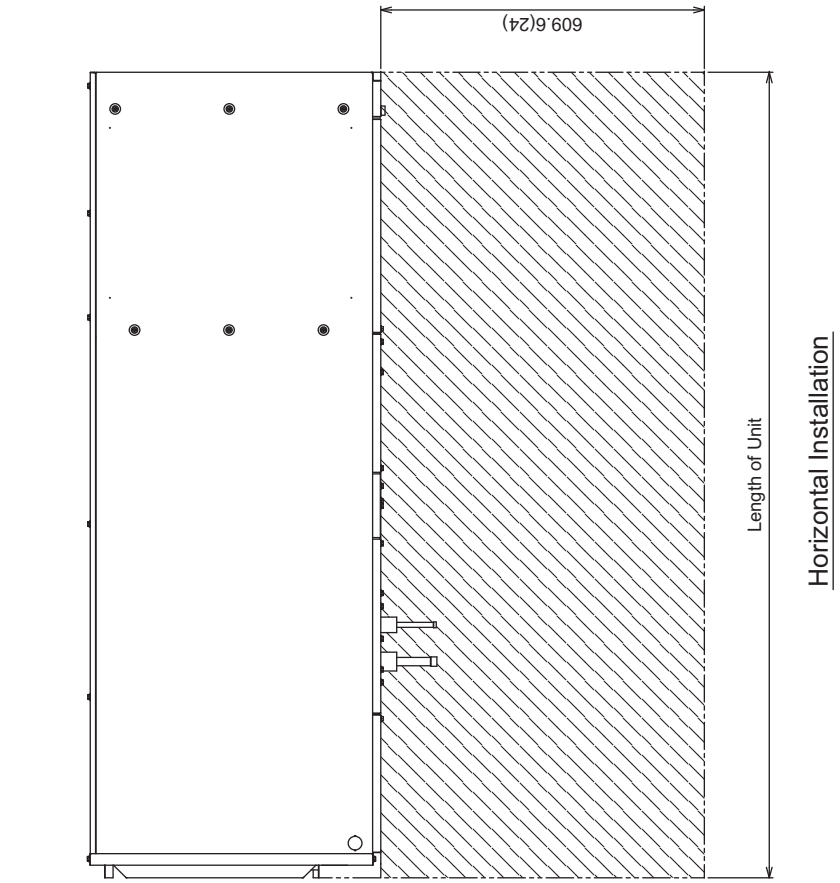
Model	③Nominal Filter Size	Duct Connection
PVFY-P12NAMU-E	508×406.4×25.4 (20×16×1)	376×402 (14-13/16×15-7/8)
PVFY-P18NAMU-E		
PVFY-P24NAMU-E		
PVFY-P30NAMU-E	508×508×25.4 (20×20×1)	477×402 (18-13/16×15-7/8)
PVFY-P36NAMU-E		
PVFY-P48NAMU-E	508×609.6×25.4 (20×24×1)	579×402 (22-13/16×15-7/8)
PVFY-P54NAMU-E		

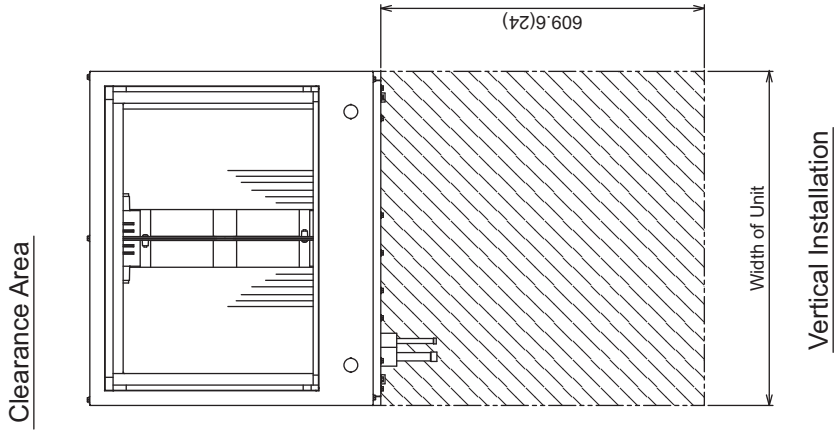
Unit:mm(in.)

Model	A	B	C	D	E	F	G	H	J	①Gas pipe	②Liquid pipe
PVFY-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)
PVFY-P18NAMU-E											
PVFY-P24NAMU-E											
PVFY-P30NAMU-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)
PVFY-P36NAMU-E											
PVFY-P48NAMU-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)		
PVFY-P54NAMU-E											

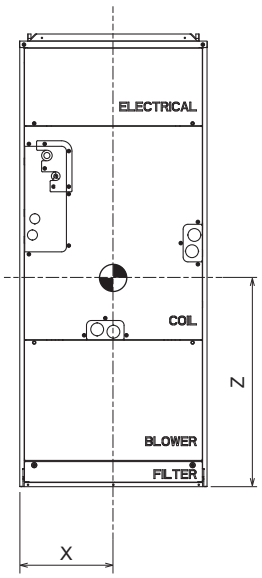
PVFY-P12, 18, 24, 30, 36, 48, 54NAMU-E

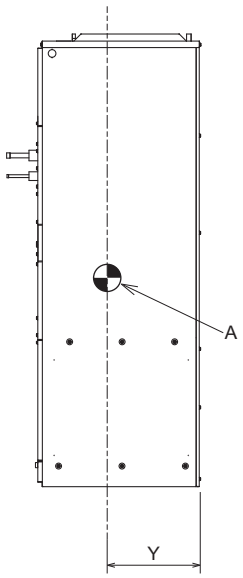
Unit : mm (in.)





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



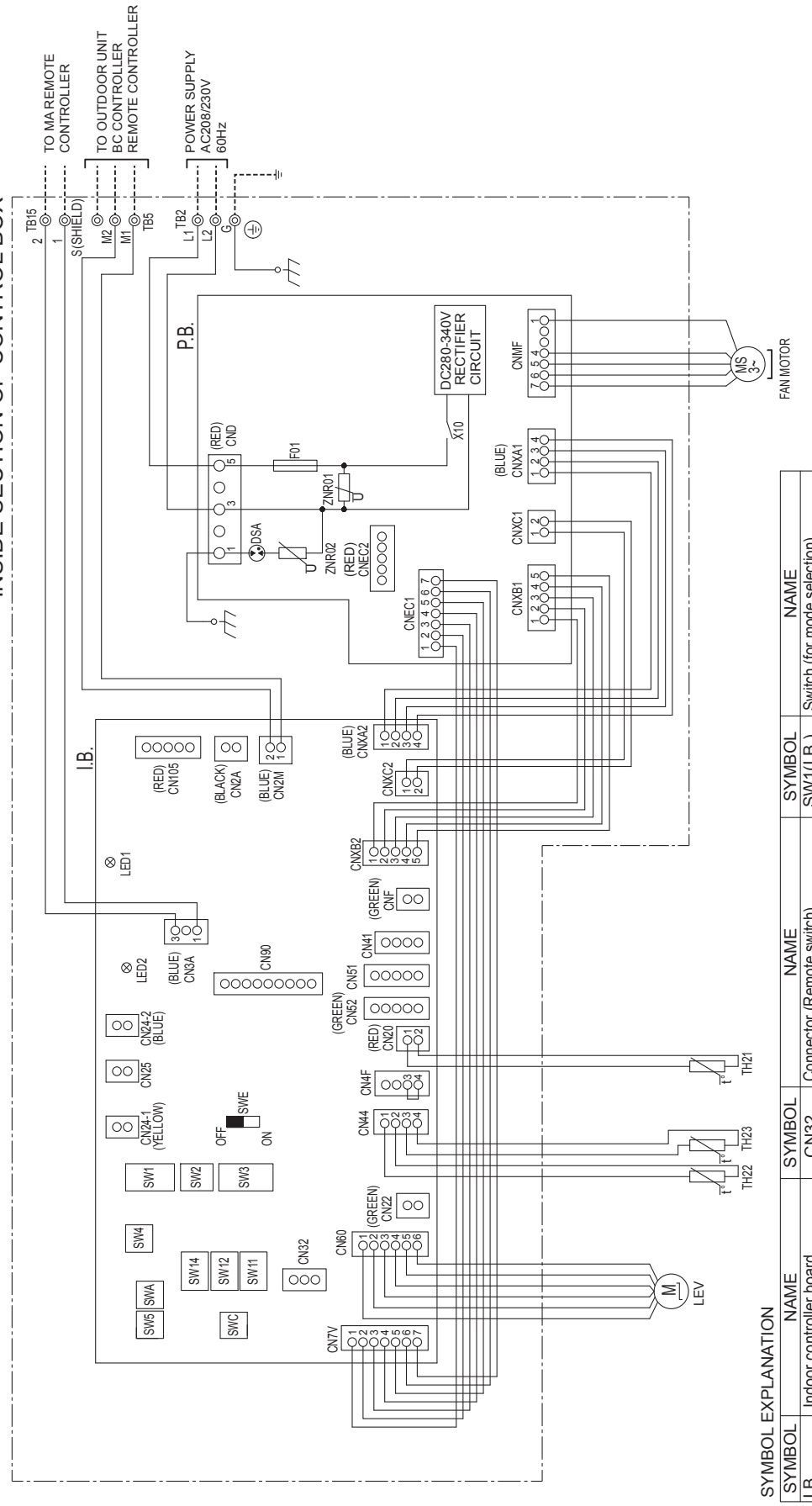


A: Center of gravity

(mm)[in]

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

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



SYMBOL EXPLANATION

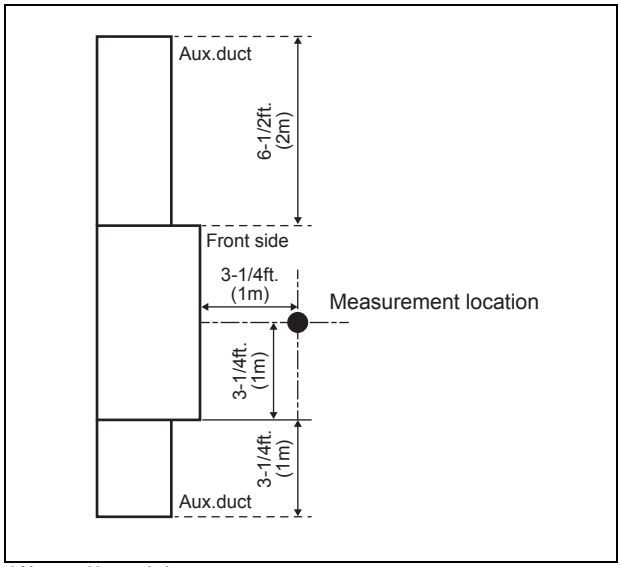
SYMBOL	NAME
I.B.	Indoor controller board
P.B.	Power supply board
TB2	Power source terminal block
TB5	Transmission terminal block
TB15	Transmission terminal block
F01	Fuse AC250V 6.3A
ZNR01,02	Varistor
DSA	Arrester
X10	Aux. relay
CN22	Connector (Fan control)
CN24-1	Connector (Heater control 1st)
CN24-2	Connector (Heater control 2nd)
CN25	Connector (Humidity output)

SYMBOL	NAME
CN32	Connector (Remote switch)
CN41	Connector (HA terminal-A)
CN51	Connector (Centrally control)
CN52	Connector (Remote indication)
CN90	Connector (Wireless)
CN105	Connector (IT terminal)
CN2A	Connector (0-10V Analog input)
CNEC2	Connector (FAN indication)
CNF	Connector (Humidity input)
TH21	Thermistor (inlet air temp.detection)
TH22	Thermistor (piping temp.detection/liquid)
TH23	Thermistor (piping temp.detection/gas)

SYMBOL	NAME
SW1(I.B.)	Switch (for mode selection)
SW2(I.B.)	Switch (for capacity code)
SW3(I.B.)	Switch (for mode selection)
SW4(I.B.)	Switch (for model selection)
SW5(I.B.)	Switch (for mode selection)
SW11(I.B.)	Switch (1st digit address set)
SW12(I.B.)	Switch (10ths digit address set)
SW14(I.B.)	Switch (connection No.set)
SWA(I.B.)	Switch (for static pressure selection)
SWC(I.B.)	Switch (for static pressure selection)
SWE(I.B.)	Connector (emergency operation)
LED1	LED(Power supply)
LED2	LED(Remote controller supply)

5-1. Sound levels

PVFY-P-NAMU-E



* Measured in anechoic room

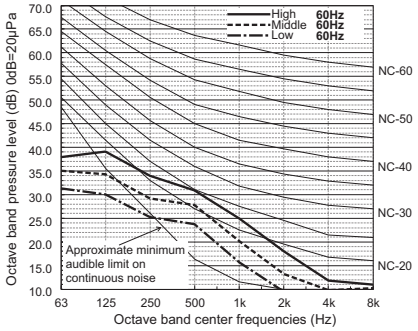
Operating sound levels
(Low - Middle - High) Unit: dB (A)

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

5-2. NC curves

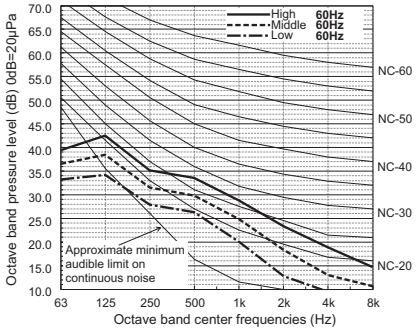
PVFY-P12NAMU-E

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



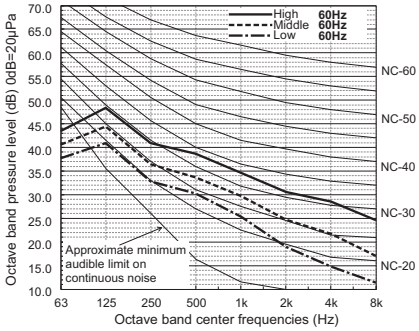
PVFY-P12NAMU-E

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



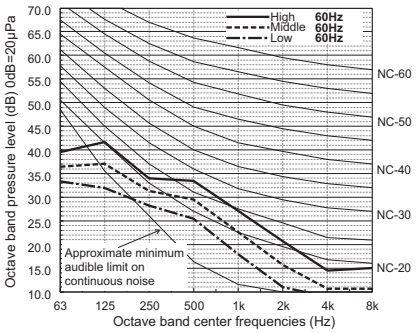
PVFY-P12NAMU-E

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



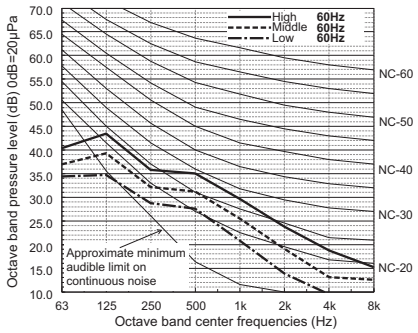
PVFY-P18NAMU-E

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



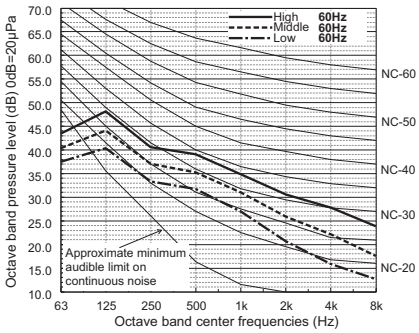
PVFY-P18NAMU-E

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



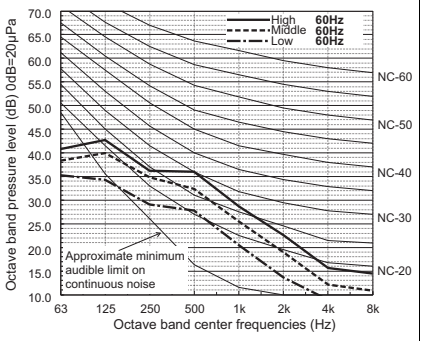
PVFY-P18NAMU-E

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



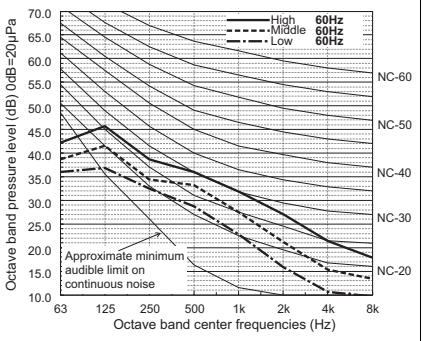
PVFY-P24NAMU-E

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



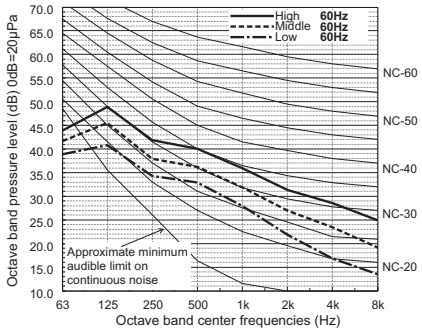
PVFY-P24NAMU-E

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



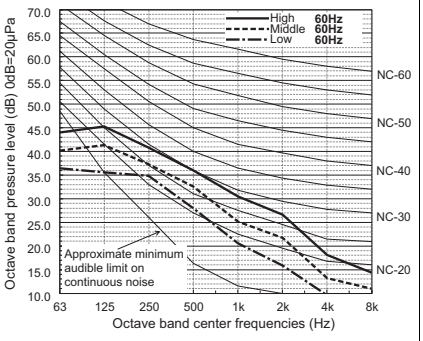
PVFY-P24NAMU-E

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



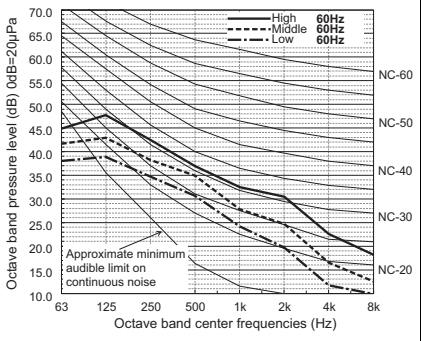
PVFY-P30NAMU-E

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



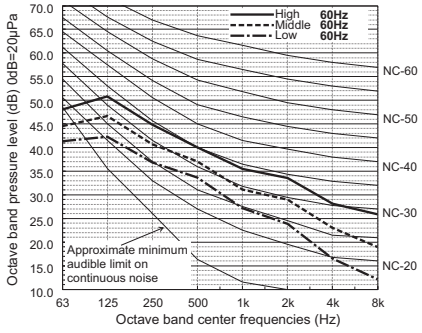
PVFY-P30NAMU-E

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



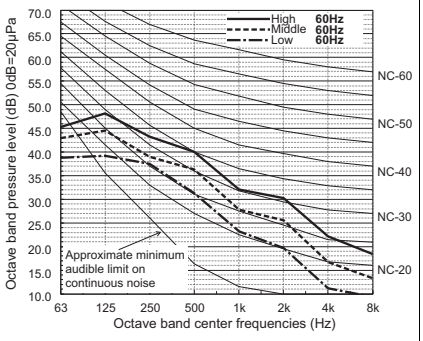
PVFY-P30NAMU-E

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



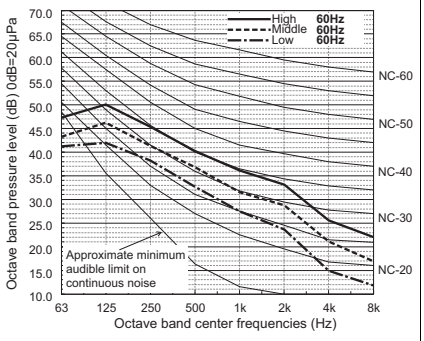
PVFY-P36NAMU-E

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



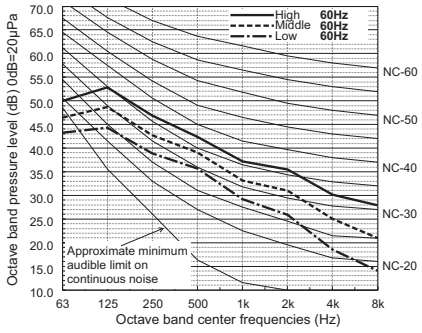
PVFY-P36NAMU-E

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



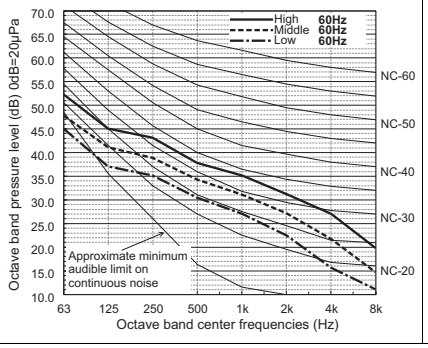
PVFY-P36NAMU-E

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



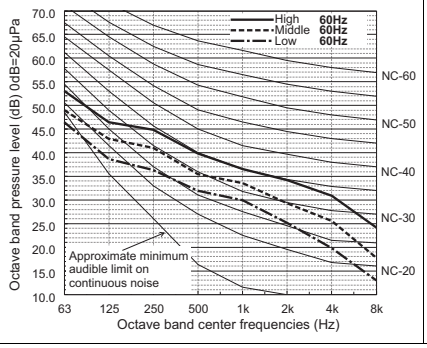
PVFY-P48NAMU-E

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



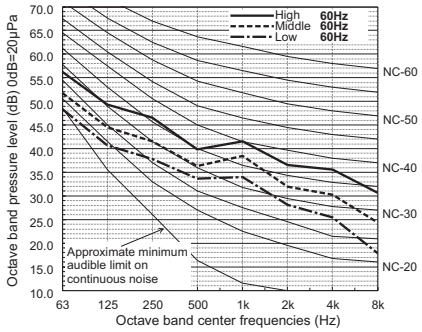
PVFY-P48NAMU-E

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



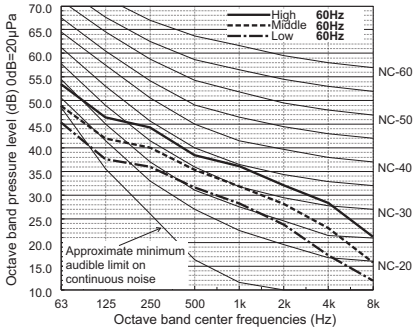
PVFY-P48NAMU-E

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



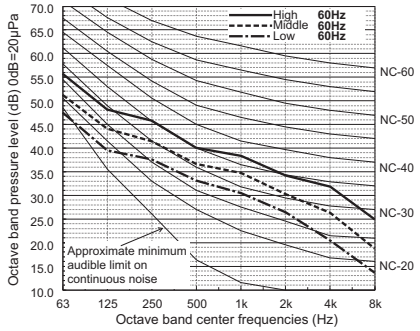
PVFY-P54NAMU-E

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



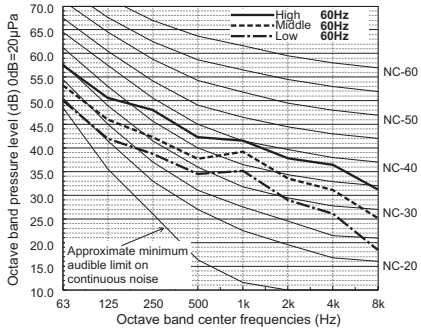
PVFY-P54NAMU-E

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



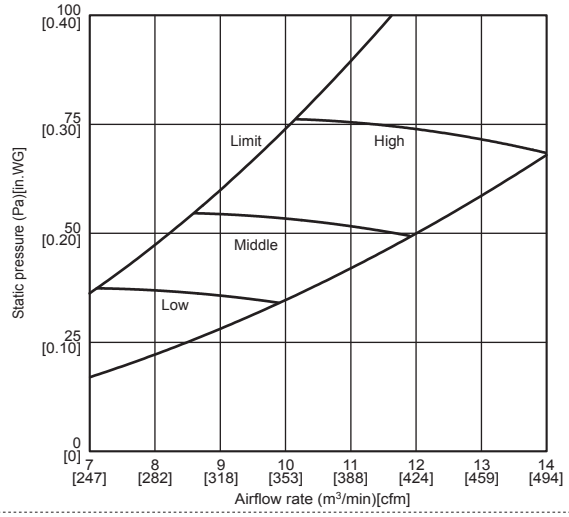
PVFY-P54NAMU-E

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

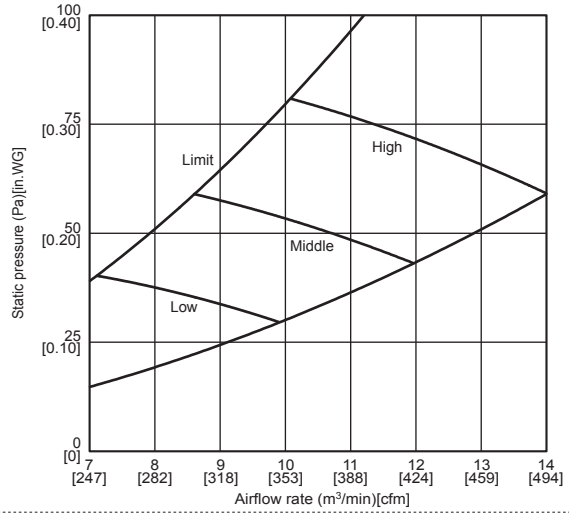


6. FAN CHARACTERISTICS CURVES

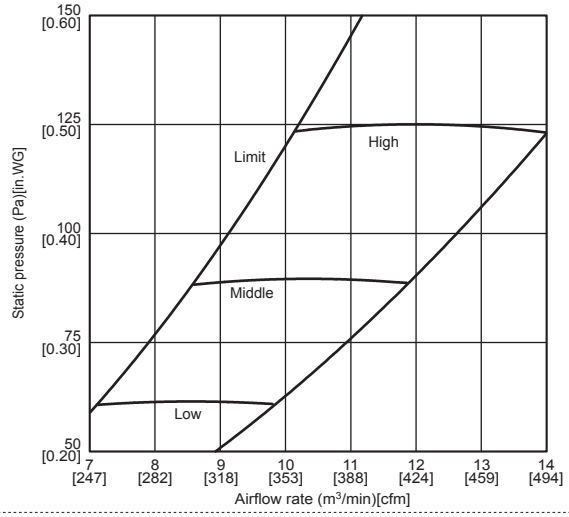
PVFY-P12NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



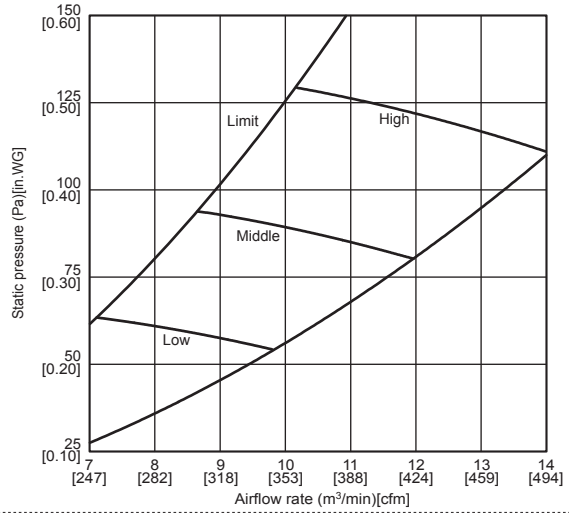
PVFY-P12NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



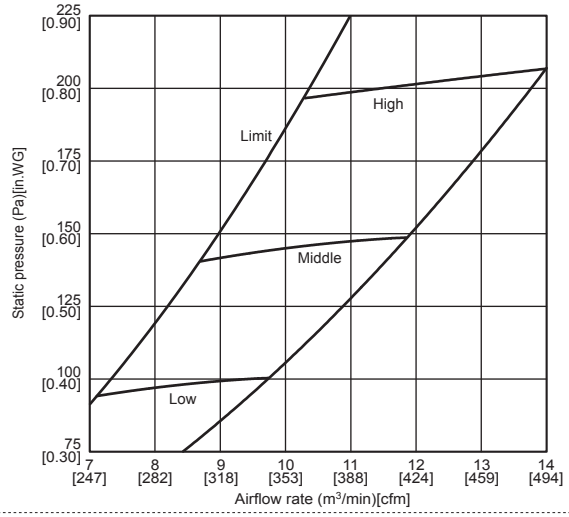
PVFY-P12NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



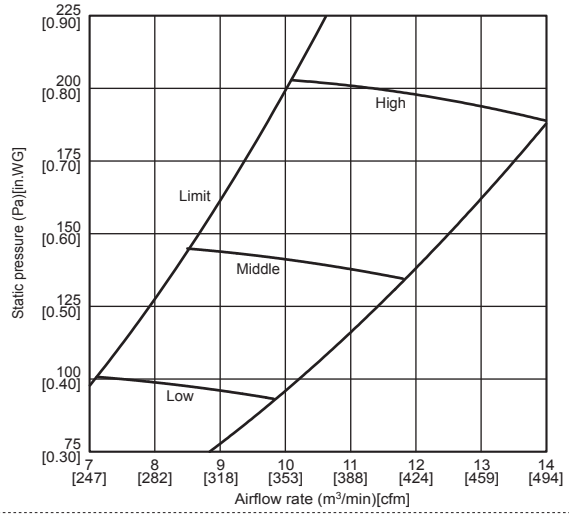
PVFY-P12NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



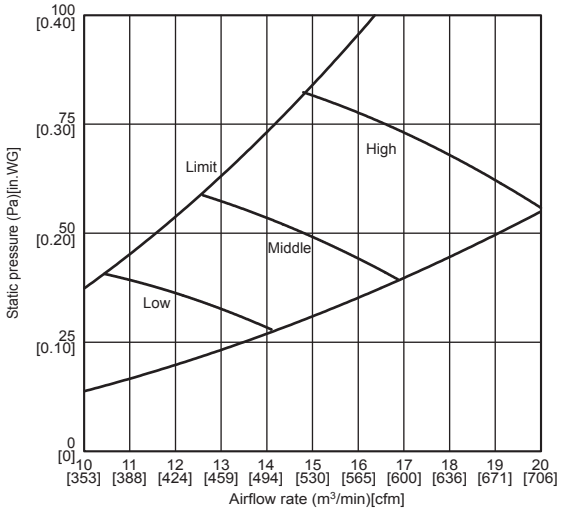
PVFY-P12NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



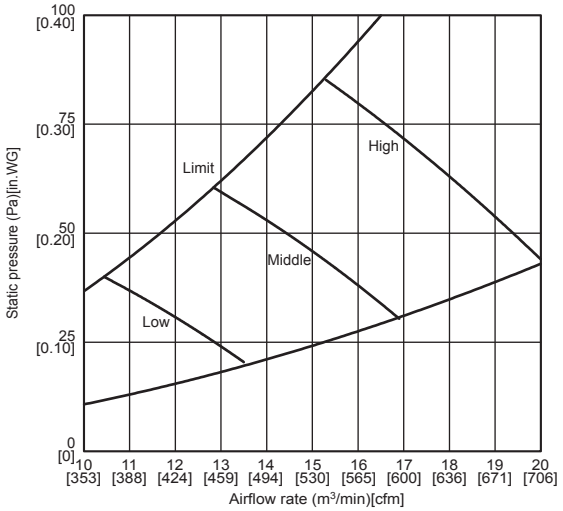
PVFY-P12NAMU-E
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



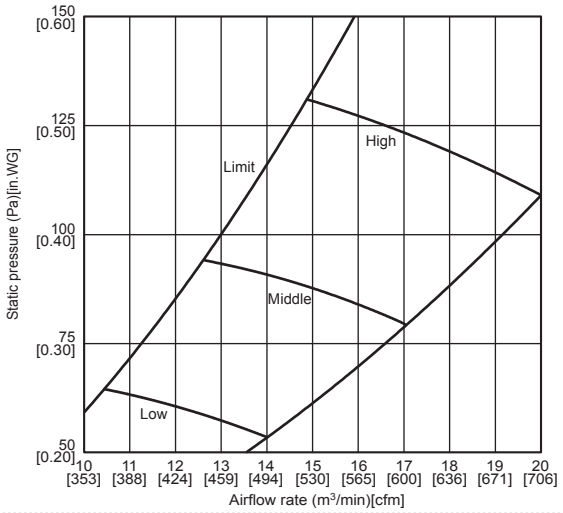
PVFY-P18NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



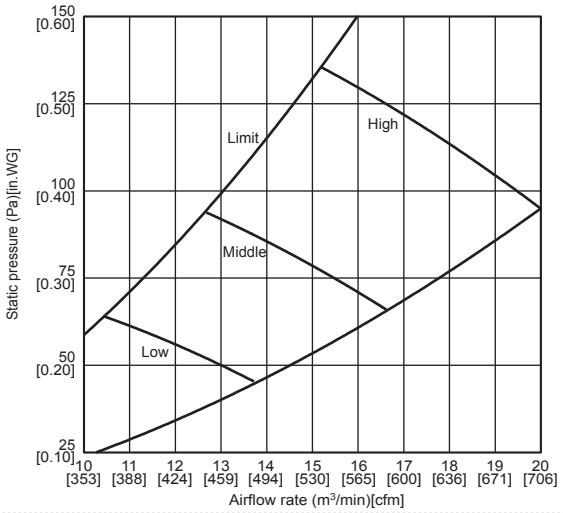
PVFY-P18NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



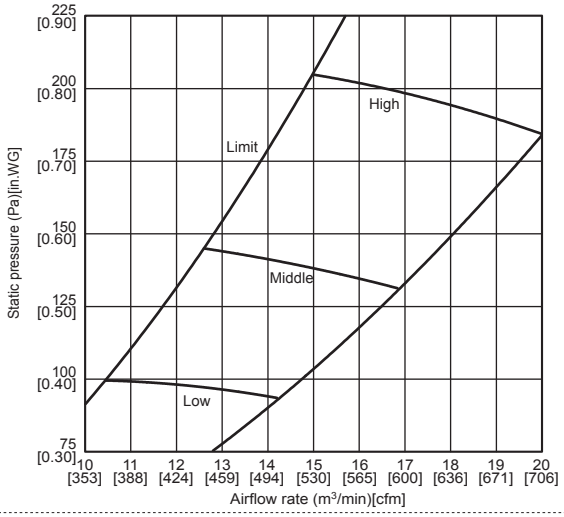
PVFY-P18NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



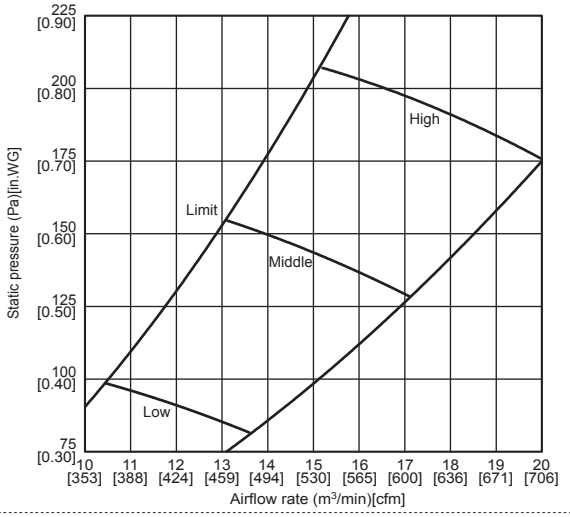
PVFY-P18NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



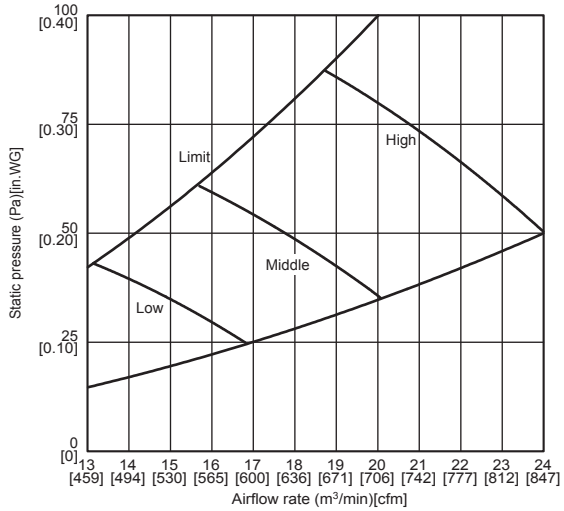
PVFY-P18NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



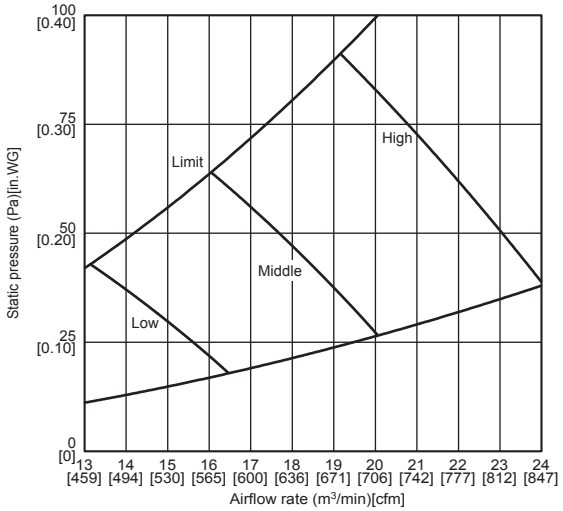
PVFY-P18NAMU-E
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



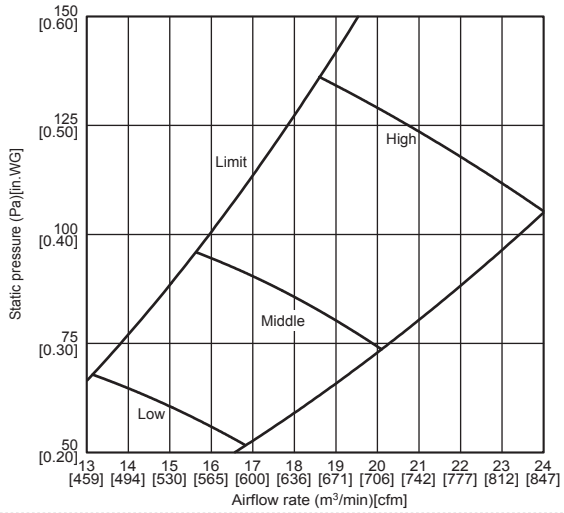
PVFY-P24NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



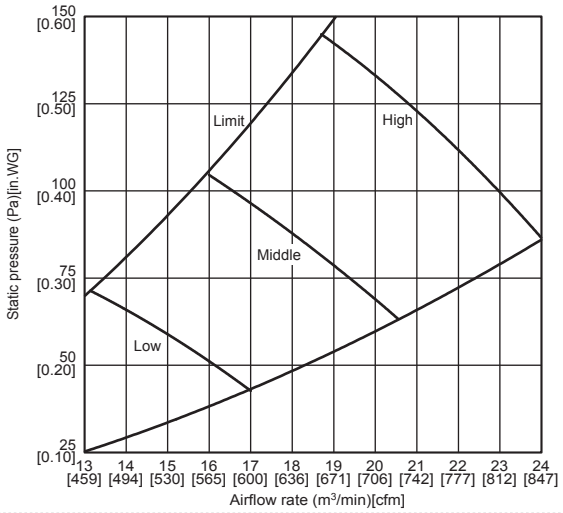
PVFY-P24NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



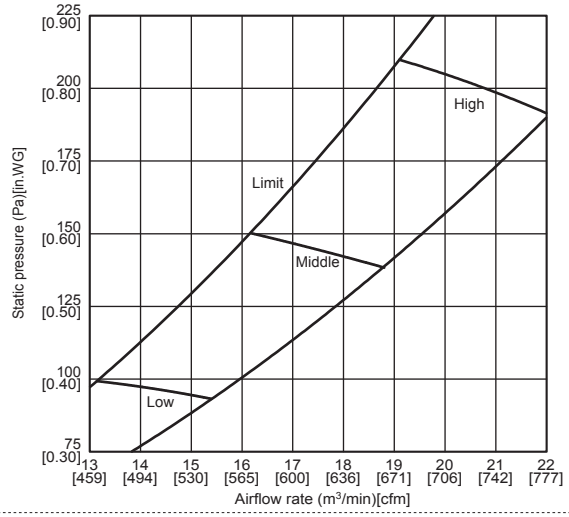
PVFY-P24NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



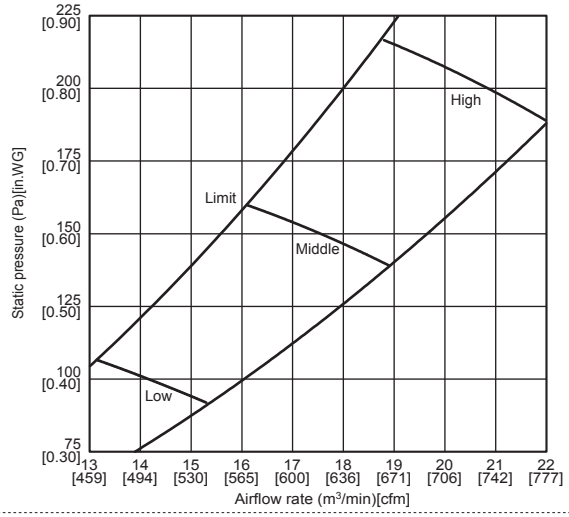
PVFY-P24NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



PVFY-P24NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz

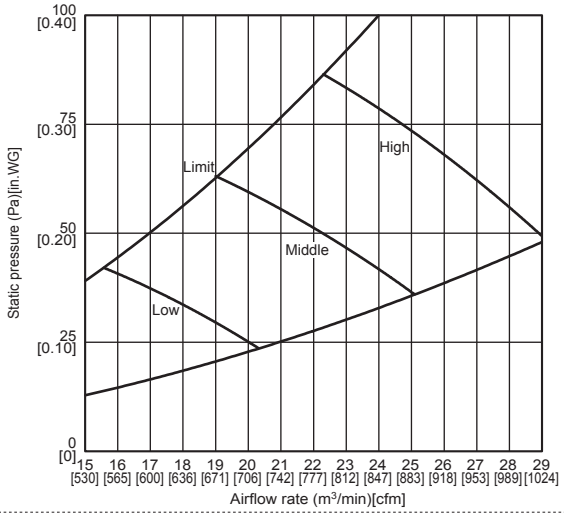


PVFY-P24NAMU-E
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz

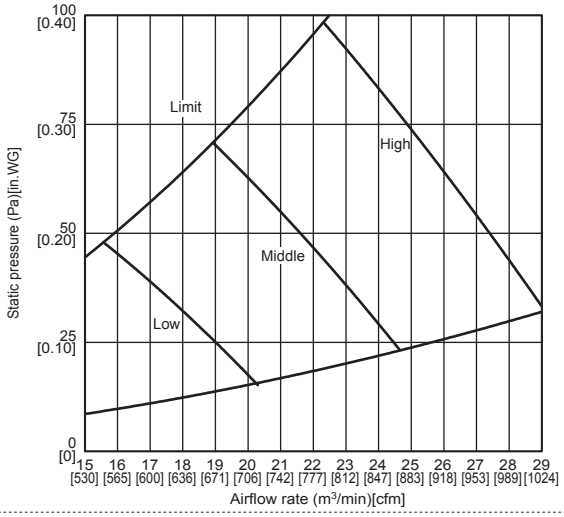


PVFY

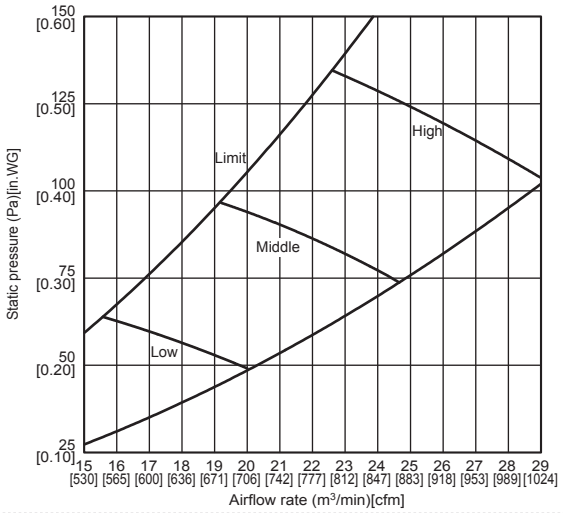
PVFY-P30NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



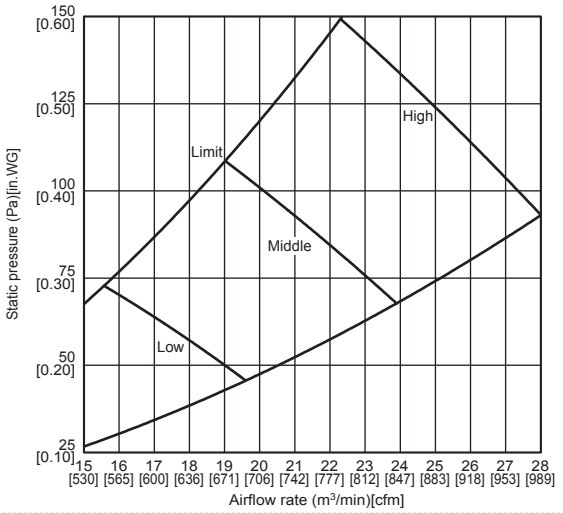
PVFY-P30NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



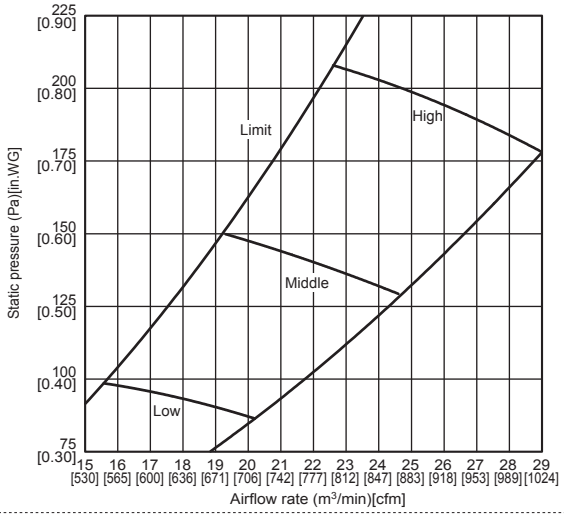
PVFY-P30NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



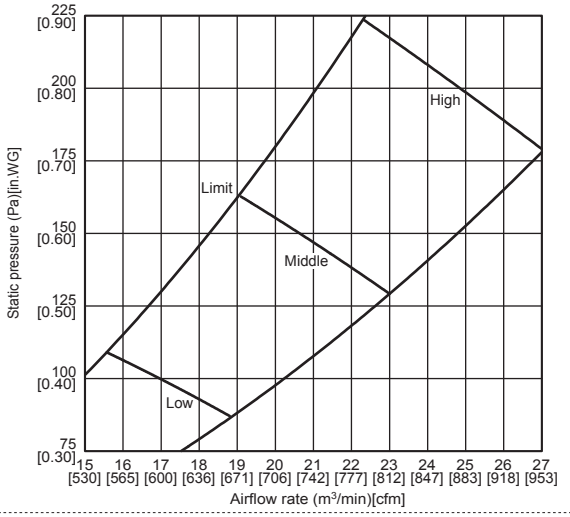
PVFY-P30NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



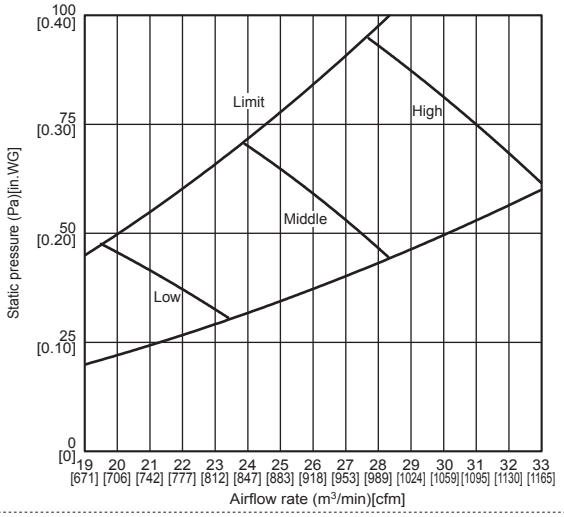
PVFY-P30NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



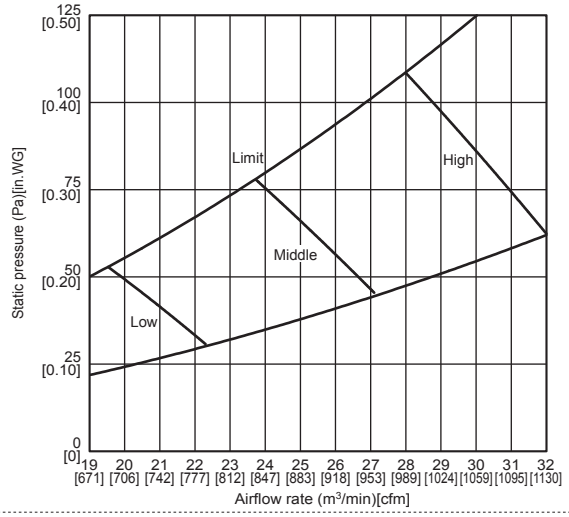
PVFY-P30NAMU-E
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



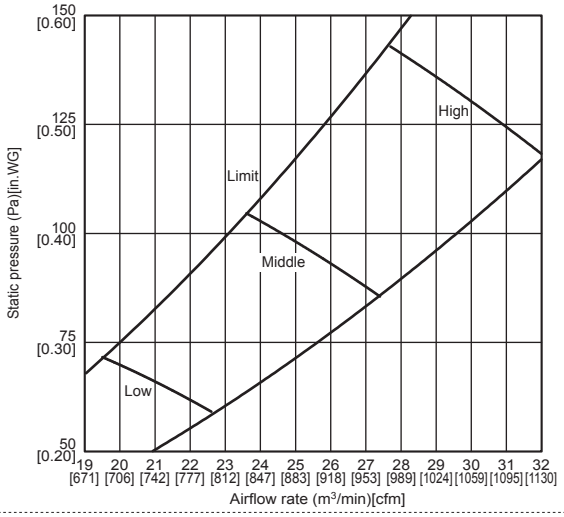
PVFY-P36NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



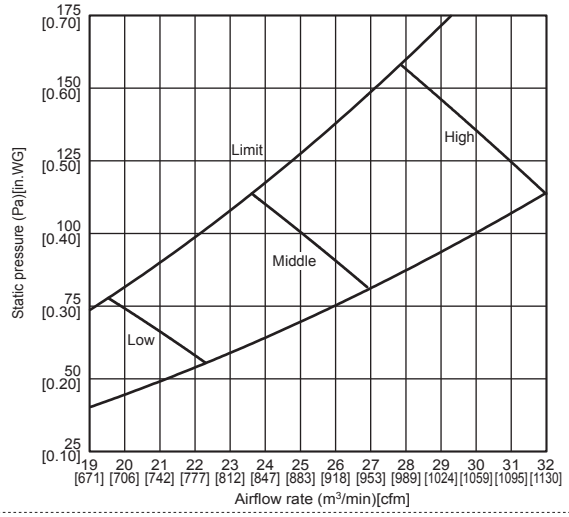
PVFY-P36NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



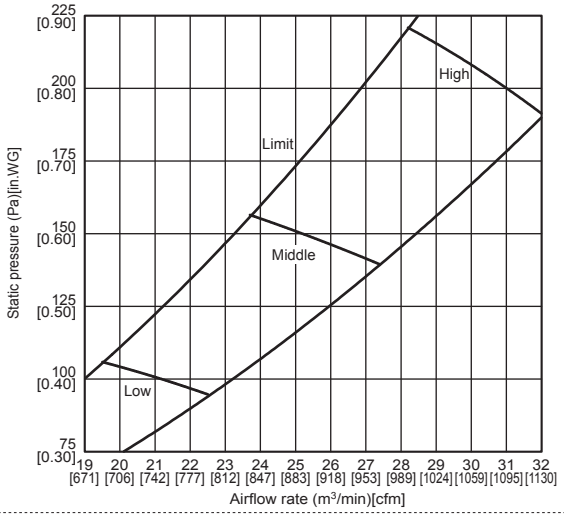
PVFY-P36NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



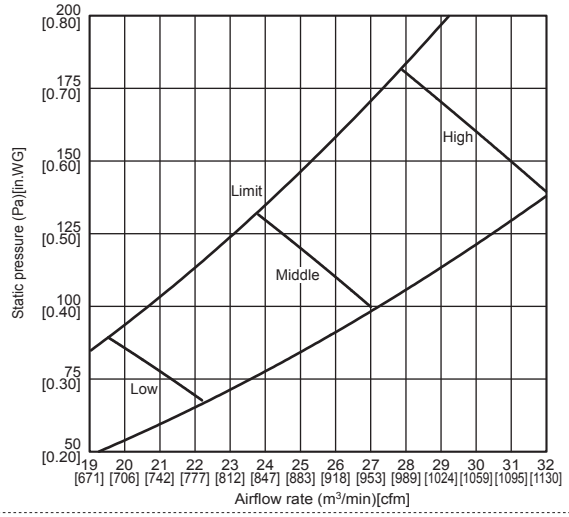
PVFY-P36NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



PVFY-P36NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz

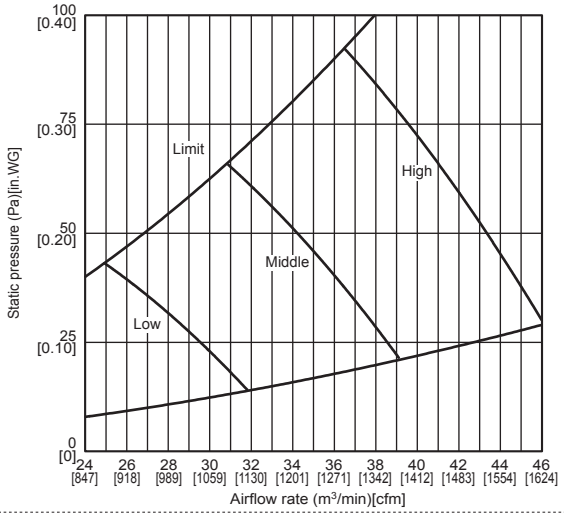


PVFY-P36NAMU-E
Downflow
External static pressure: 150Pa, 0.60[in.WG]
Power source: 208, 230V 60Hz

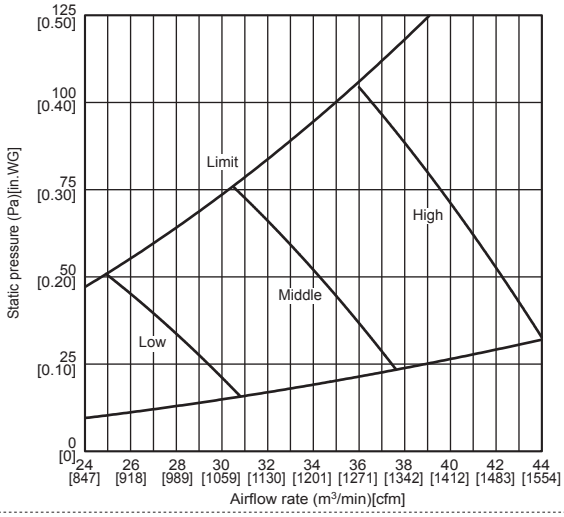


PVFY

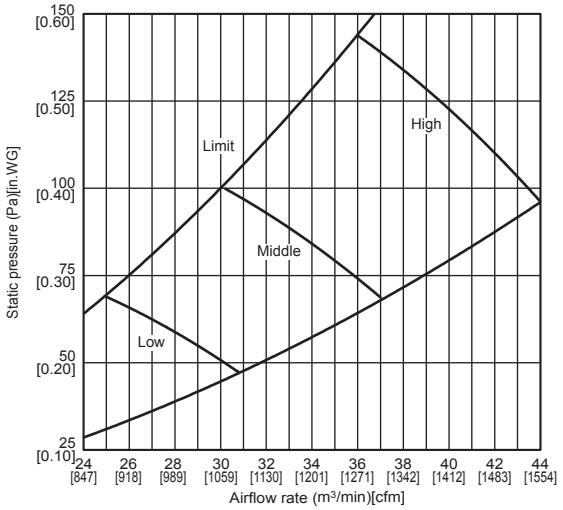
PVFY-P48NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



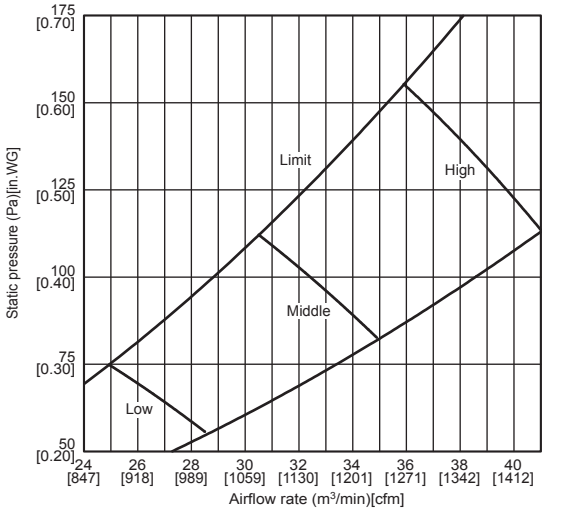
PVFY-P48NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



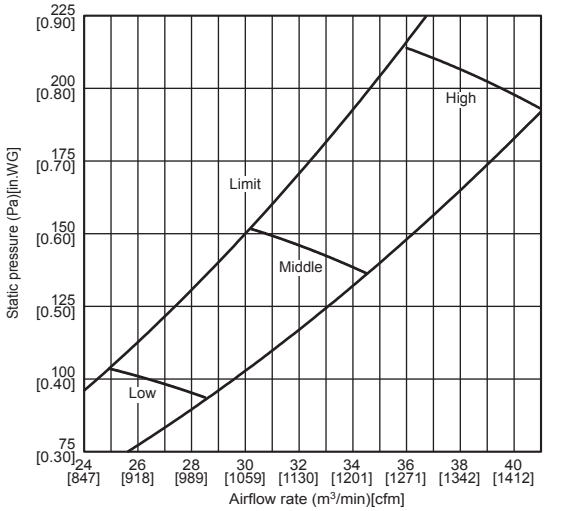
PVFY-P48NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



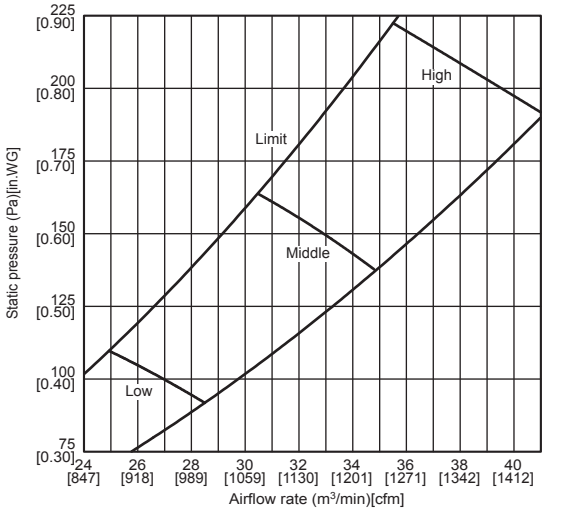
PVFY-P48NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



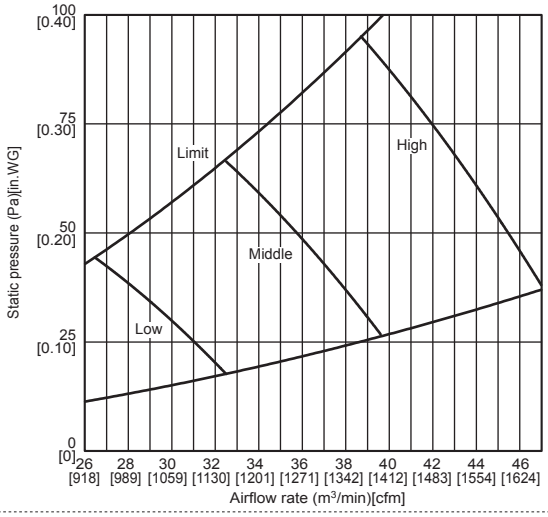
PVFY-P48NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



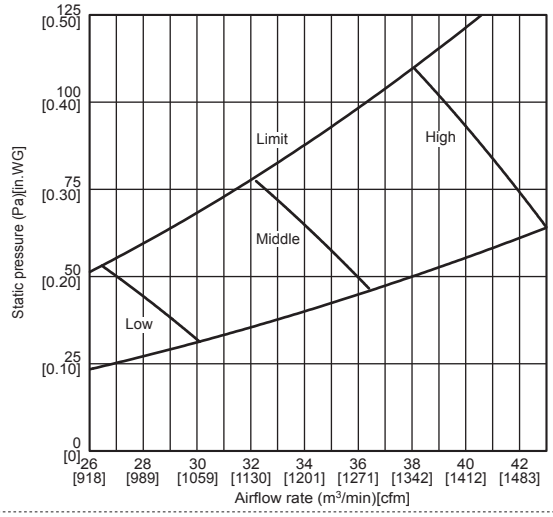
PVFY-P48NAMU-E
Downflow
External static pressure: 200Pa, 0.80[in.WG]
Power source: 208, 230V 60Hz



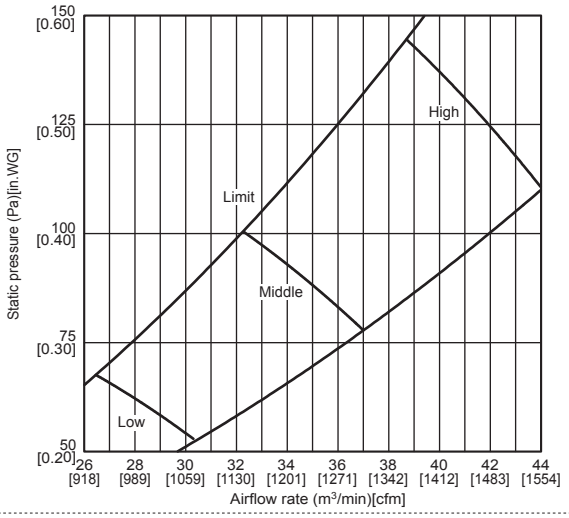
PVFY-P54NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



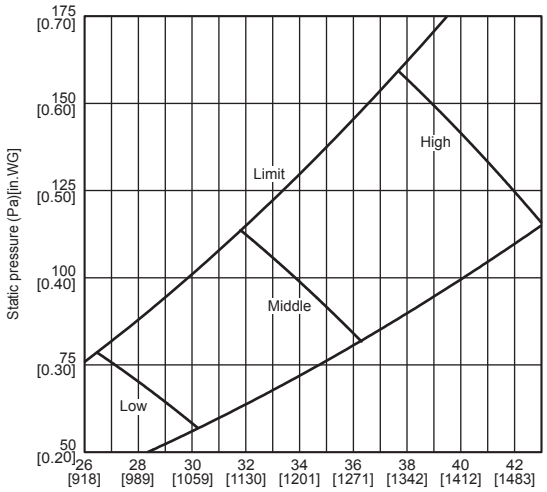
PVFY-P54NAMU-E
Downflow
External static pressure: 75Pa, 0.30[in.WG]
Power source: 208, 230V 60Hz



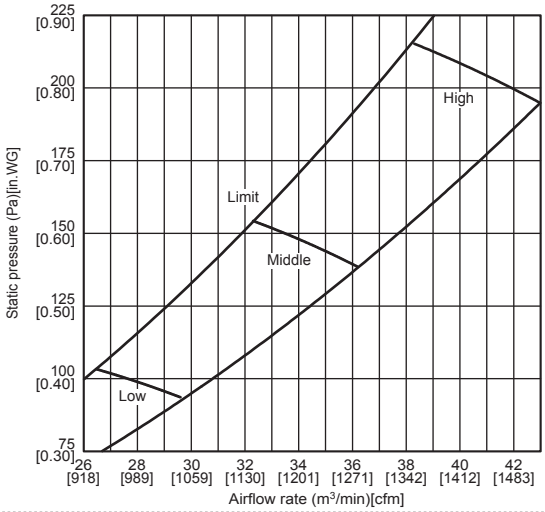
PVFY-P54NAMU-E
Vertical, Horizontal Right, Horizontal Left
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



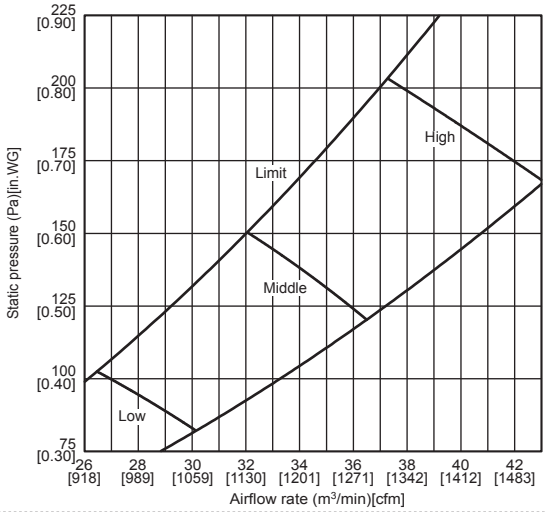
PVFY-P54NAMU-E
Downflow
External static pressure: 125Pa, 0.50[in.WG]
Power source: 208, 230V 60Hz



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

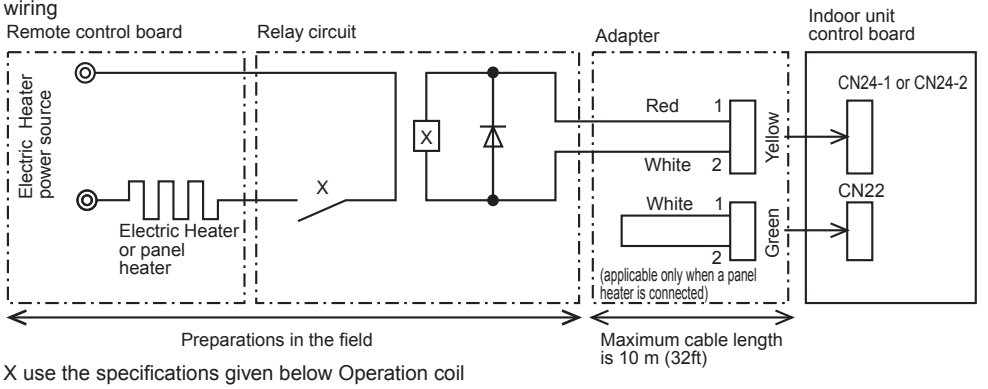
	Long-life filter	Filter box	Drain pump	External heater adapter
PVFY-P12, 18, 24, 30, 36, 48, 54NAMU-E	-	-	-	PAC-YU25HT

7-2. External heater adapter

External heater adapter PAC-YU25HT 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.)

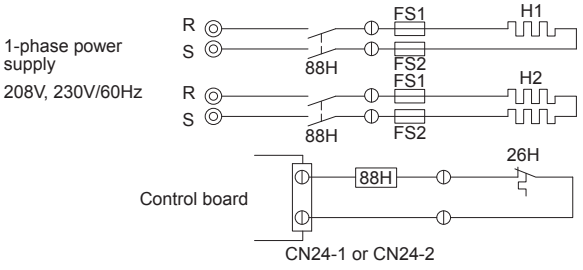
(1) Basic wiring



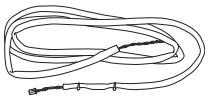
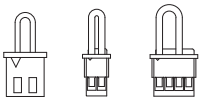
- PUHY, PURY-P-TGMU type
  Dip switch SW5-2 "ON/OFF"
- PUHY, PURY-P-THMU/YHMU/TJMU/YJMU type
  Dip switch SW5-10 "ON/OFF"
- PUHY, PURY-P-TKMU/YKMU, PUHY, PURY-P-TLMU/YLMU, PURY-HP-TKMU/YKMU type
  Dip switch SW4: 932 "ON/OFF"
- PUMY series
  Dip switch SW4-4 "ON/OFF"

For relay X use the specifications given below Operation coil
Rated voltage : 12VDC
Power consumption : 1W or less
* Use the diode that is recommended by the relay manufacturer at both ends of the relay coil.
The length of the electrical wiring for the PAC-YU25HT 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 mm^2 ~ 1.25 mm^2 (16 to 22 AWG)
Don't extend the cable more than 10 meters (32ft).

(2) Recommended circuit



FS1, 2 ----- Thermal fuse
H1, H2 ----- Electric heater
26H --------- Overheat protection thermostat
88H --------- Electromagnetic contactor

Item	① External output cable	② Connector (for use with the panel heater)	
Quantity	2	3	
Shape			

Wiring details and Installation details should be refrerred to its Installation Manual.