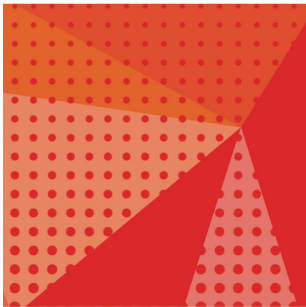


AIR CONDITIONING SYSTEMS

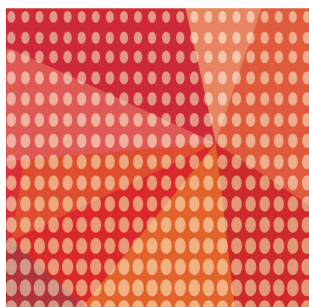
CITY MULTI



DATA BOOK

MODEL

PVFX-L-NAMU-A



PVIFY-L-NAMU-A

1. SPECIFICATIONS 2

2. EXTERNAL DIMENSIONS 4

3. CENTER OF GRAVITY 6

4. ELECTRICAL WIRING DIAGRAMS 7

5. SOUND LEVELS 8

 5-1. Sound levels 8

 5-2. NC curves 8

6. FAN CHARACTERISTICS CURVES..... 11

7. ELECTRICAL CHARACTERISTICS..... 18

8. OPTIONAL PARTS..... 19

 8-1. Optional parts line up for the Indoor unit..... 19

 8-2. External heater adapter 19

1. SPECIFICATIONS

Vertical-concealed

PVFY-L-NAMU-A

Model			PVFY-L08NAMU-A	PVFY-L12NAMU-A	PVFY-L18NAMU-A	PVFY-L24NAMU-A
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	8,000	12,000	18,000	24,000
	*1	kW	2.3	3.5	5.3	7.0
	*2	Power input	kW	0.080	0.130	0.180
	*2	Current input	A	0.80/0.70	1.20/1.10	1.60/1.40
Heating capacity	*3	BTU/h	9,000	13,500	20,000	27,000
	*3	kW	2.6	4.0	5.9	7.9
	*2	Power input	kW	0.080	0.130	0.180
	*2	Current input	A	0.80/0.70	1.20/1.10	1.60/1.40
External finish			Black galvanized steel cabinet	Black galvanized steel cabinet	Black galvanized steel cabinet	Black galvanized steel cabinet
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	50-1/4 x 17 x 21-5/8
		mm	1,275 x 432 x 548	1,275 x 432 x 548	1,275 x 432 x 548	1,275 x 432 x 548
Net weight		lbs (kg)	113 (51)	113 (51)	113 (51)	113 (51)
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
	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>
		*4 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	0.121
	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	280 - 340 - 400	410 - 497 - 585
m³/min			7.9 - 9.6 - 11.3	7.9 - 9.6 - 11.3	11.6 - 14.1 - 16.6	14.6 - 17.7 - 20.8
		L/s	132 - 160 - 188	132 - 160 - 188	193 - 235 - 277	243 - 295 - 347
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	27-31-35	28-32-36	30-34-38
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			R454B CITY MULTI	R454B CITY MULTI	R454B CITY MULTI	R454B CITY MULTI
Diameter of refrigerant pipe	Liquid (R410A)	inch (mm)	1/4 (6.35)Braze	1/4 (6.35)Braze	1/4 (6.35)Braze	3/8 (9.52)Braze
	Gas (R410A)	inch (mm)	1/2 (12.7)Braze	1/2 (12.7)Braze	1/2 (12.7)Braze	5/8 (15.88)Braze
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		PA94L184	PA94L184	PA94L184	PA94L184
	Wiring		PA94L185	PA94L185	PA94L185	PA94L185
	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:		Unit converter
1.Nominal cooling conditions Indoor: 80°F D.B./67°F W.B. (26.7°C D.B./19.4°C W.B.), Outdoor: 95°F D.B. (35°C D.B.) Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)		BTU/h =kW x 3.412
2.The values are measured at the factory setting of external static pressure.		cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 70°F D.B. (21.1°C D.B.), Outdoor: 47°F D.B./43°F W.B. (8.3°C D.B./6.1°C W.B.) Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)		lbs =kg/0.4536
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.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

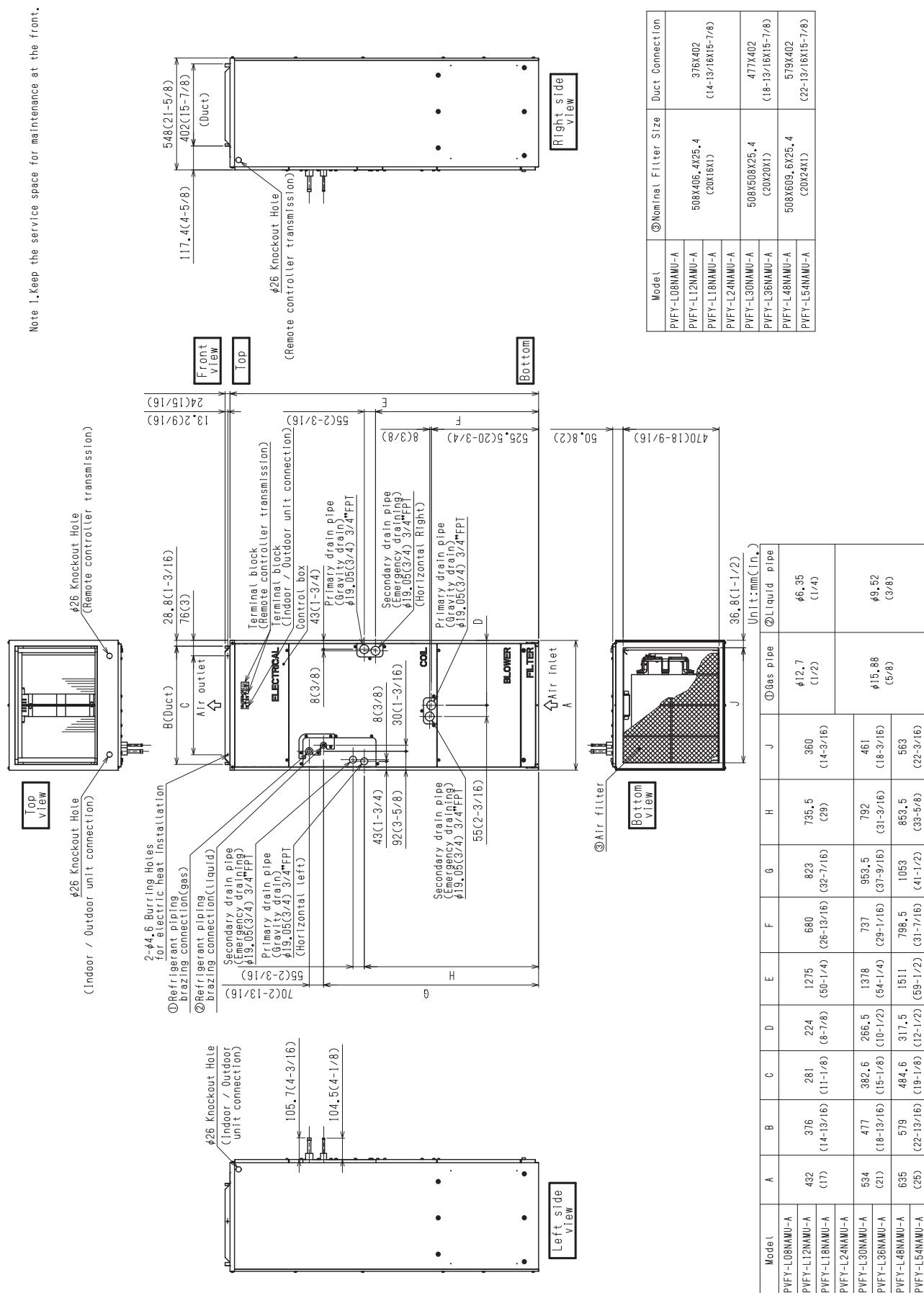
Vertical-concealed

Model				PVFY-L30NAMU-A	PVFY-L36NAMU-A	PVFY-L48NAMU-A	PVFY-L54NAMU-A	
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	30,000	36,000	48,000	54,000	
		*1	kW	8.8	10.6	14.1	15.8	
		*2	Power input	0.210	0.340	0.420	0.480	
		*2	Current input	A	2.00/1.70	3.50/3.30	3.90/3.70	
Heating capacity		*3	BTU/h	34,000	40,000	54,000	60,000	
		*3	kW	10.0	11.7	15.8	17.6	
		*2	Power input	0.210	0.340	0.420	0.480	
		*2	Current input	A	2.00/1.70	3.50/3.30	3.90/3.70	
External finish				Black galvanized steel cabinet	Black galvanized steel cabinet	Black galvanized steel cabinet	Black galvanized steel cabinet	
External dimension H x W x D			inch	54-1/4 x 21 x 21-5/8	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	1,378 x 534 x 548	1,511 x 635 x 548	1,511 x 635 x 548	
Net weight			lbs (kg)	141 (64)	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)	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	
	External static press.	in.WG	Pa	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80> *5	<0.30> - 0.50 - <0.80>	<0.30> - 0.50 - <0.80> *5	
				<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	0.244	0.244	0.43	0.43	
	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	613 - 744 - 875	767 - 931 - 1,095	980 - 1,190 - 1,400	1,040 - 1,262 - 1,485
				m³/min	17.3 - 21.1 - 24.8	21.7 - 26.4 - 31.0	27.7 - 33.7 - 39.6	29.4 - 35.7 - 42.0
L/s				288 - 352 - 413	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)	(Low-Mid-High)		
			*2	dB <A>	32-36-40	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	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				R454B CITY MULTI	R454B CITY MULTI	R454B CITY MULTI	R454B 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	3/8 (9.52)Brazed	
	Gas	(R410A)	inch (mm)	5/8 (15.88)Brazed	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	3/4 (19.05) FPT	
Drawing	External			PA94L184	PA94L184	PA94L184	PA94L184	
	Wiring			PA94L185	PA94L185	PA94L185	PA94L185	
	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:		Unit converter
1.Nominal cooling conditions Indoor: 80°FDB./67°FWB. (26.7°CDB./19.4°CWB.), Outdoor: 95°FDB. (35°CDB.) Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)		BTU/h =kW x 3,412
2.The values are measured at the factory setting of external static pressure.		cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 70°FDB. (21.1°CDB.), Outdoor: 47°FDB./43°FWB. (8.3°CDB./6.1°CWB.) Pipe length: 25 ft. (7.6 m), Level difference: 0 ft. (0 m)		lbs =kg/0.4536
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.		
5.Maximum external static pressure in case of downflow for PVFY-L36: 0.60 in.WG/150Pa Maximum external static pressure in case of downflow for PVFY-L54: 0.70 in.WG/175Pa		*Above specification data is subject to rounding variation.

Unit: mm (in.)

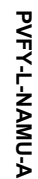
Note 1.Keep the service space for maintenance at the front.



Model	③Nominal Filter Size	Duct Connection
PVEY-L08NAMU-A		
PVEY-L12NAMU-A	508X406, 4X25, 4 (20X16X1)	376X402 (14-13/16X15-7/8)
PVEY-L18NAMU-A		
PVEY-L24NAMU-A		
PVEY-L30NAMU-A	508X508X25, 4 (20X20X1)	477X402 (18-13/16X15-7/8)
PVEY-L36NAMU-A		
PVEY-L48NAMU-A	508X609, 6X25, 4 (20X24X1)	579X402 (22-13/16X15-7/8)
PVEY-L56NAMU-A		

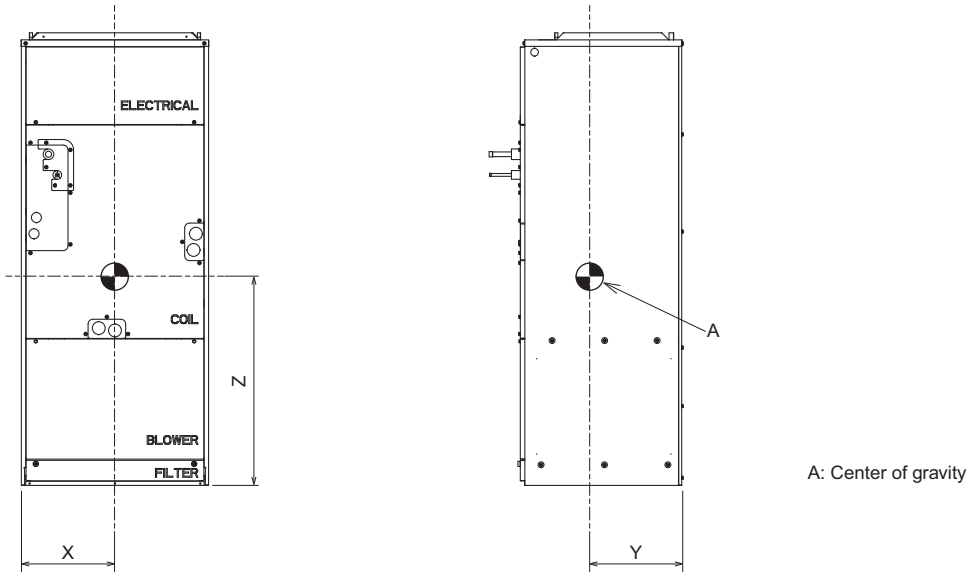
Vertical-concealed

Unit: mm (in.)

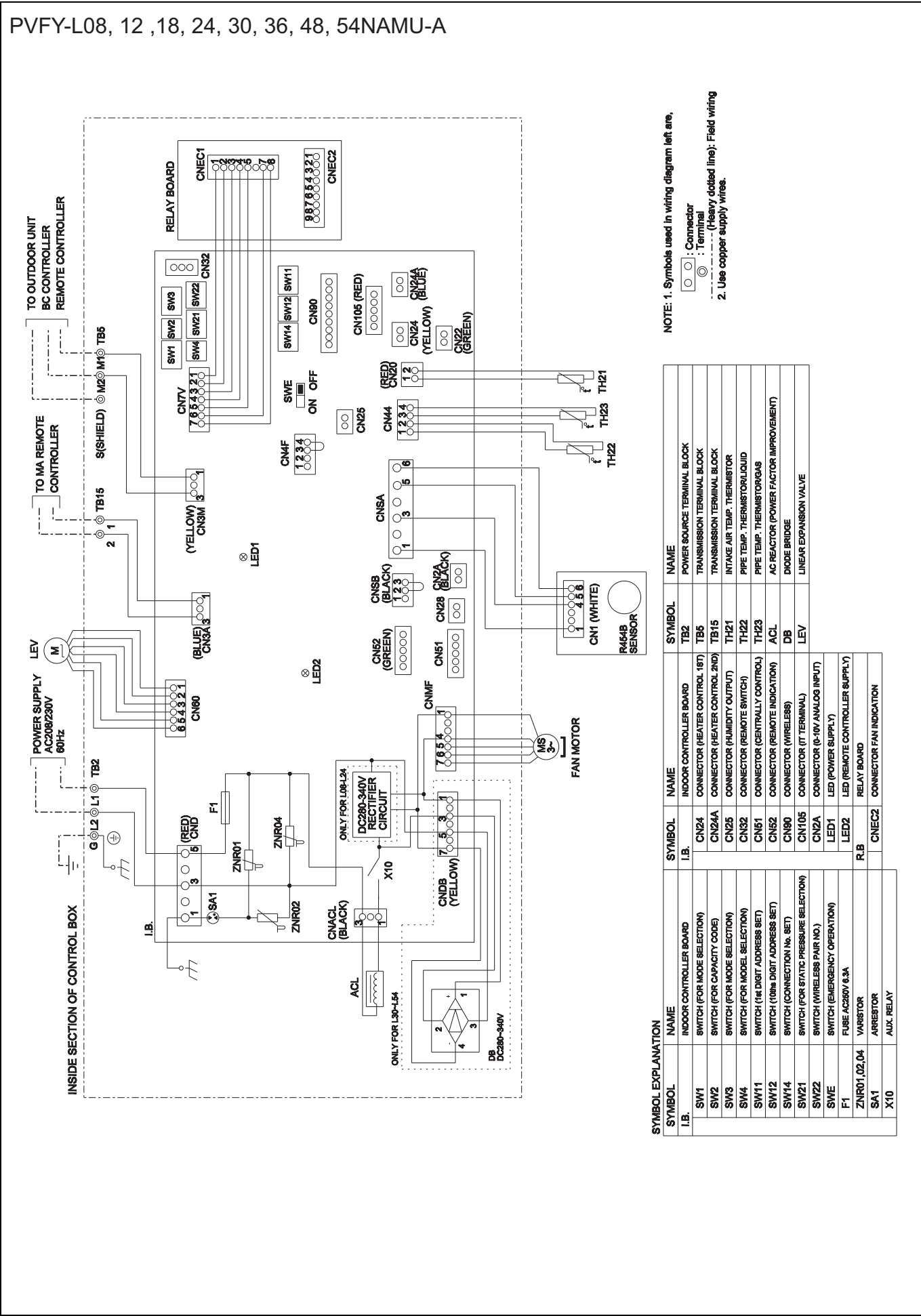


PVFY-L-NAMU-A

PVFY-L08, 12, 24, 30, 36, 48, 54NAMU-A

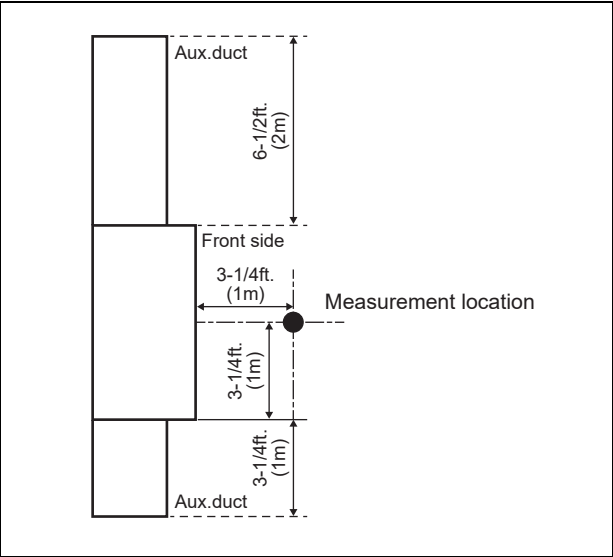


Model name	(mm)[in]		
	X	Y	Z
PVFY-L08NAMU-A PVFY-L12NAMU-A PVFY-L18NAMU-A PVFY-L24NAMU-A	225 [8-7/8]	285 [11-1/4]	610 [24-1/16]
PVFY-L30NAMU-A PVFY-L36NAMU-A	280 [11-1/16]	290 [11-7/16]	660 [26]
PVFY-L48NAMU-A PVFY-L54NAMU-A	340 [13-7/16]	300 [11-13/16]	710 [28]



5-1. Sound levels

PVFY-L-NAMU-A



* Measured in anechoic room

Operating sound levels
(Low - Middle - High)

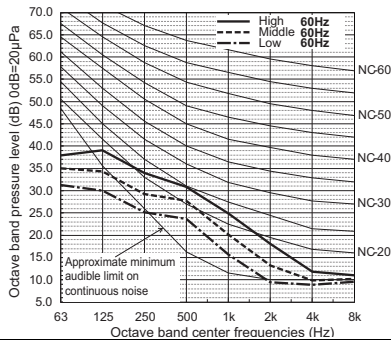
Model	Sound pressure level (A weighted)
PVFY-L08NAMU-A	27 - 31 - 35
PVFY-L12NAMU-A	27 - 31 - 35
PVFY-L18NAMU-A	28 - 32 - 36
PVFY-L24NAMU-A	30 - 34 - 38
PVFY-L30NAMU-A	32 - 36 - 40
PVFY-L36NAMU-A	35 - 39 - 43
PVFY-L48NAMU-A	35 - 39 - 43
PVFY-L54NAMU-A	36 - 40 - 44

Unit: dB (A)

5-2. NC curves

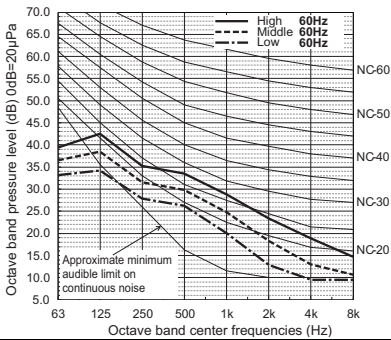
PVFY-L08,12NAMU-A

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



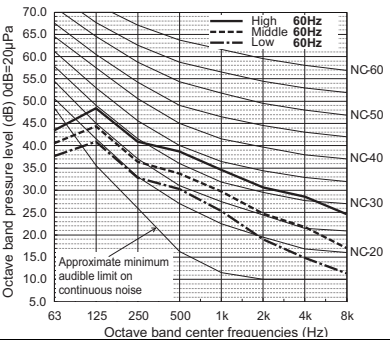
PVFY-L08,12NAMU-A

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



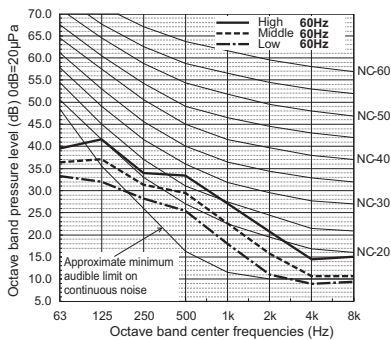
PVFY-L08,12NAMU-A

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



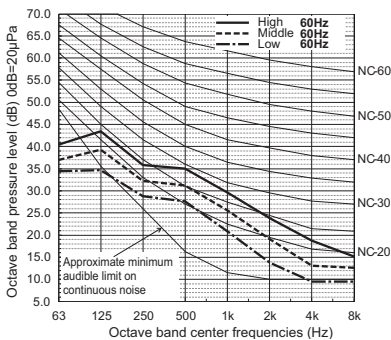
PVFY-L18NAMU-A

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



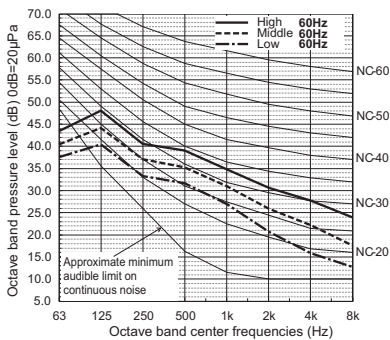
PVFY-L18NAMU-A

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



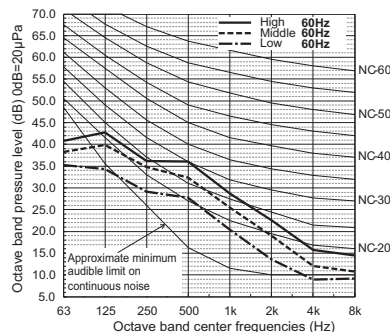
PVFY-L18NAMU-A

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

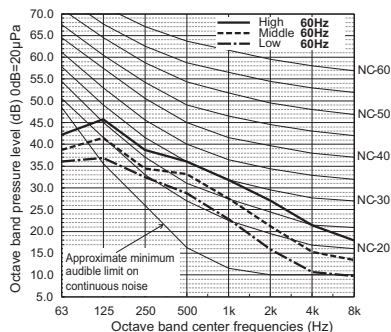


PVFY-L24NAMU-A

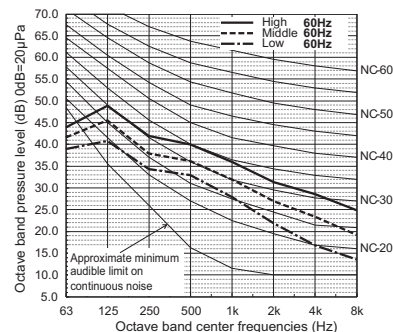
External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L24NAMU-A**

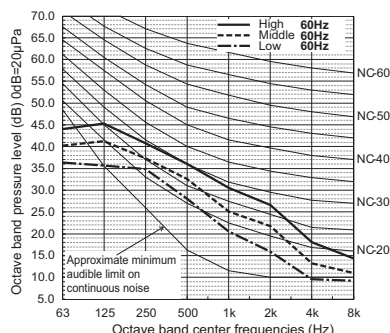
External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L24NAMU-A**

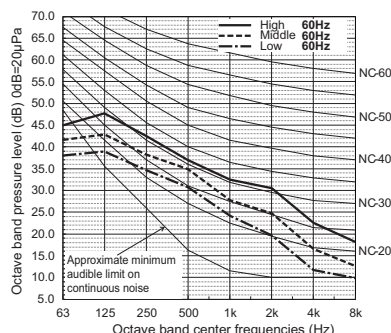
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L30NAMU-A**

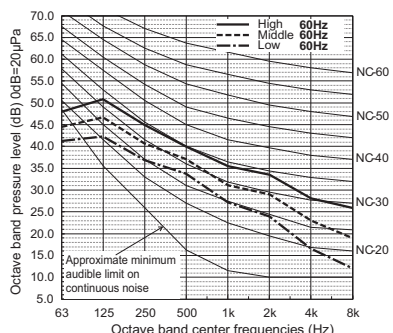
External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L30NAMU-A**

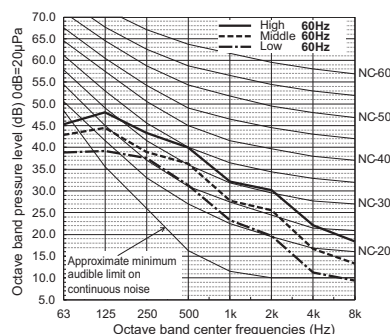
External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L30NAMU-A**

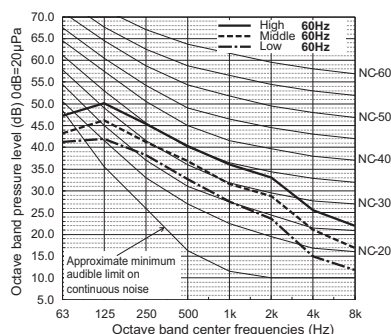
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L36NAMU-A**

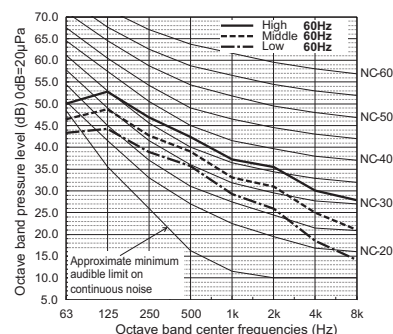
External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L36NAMU-A**

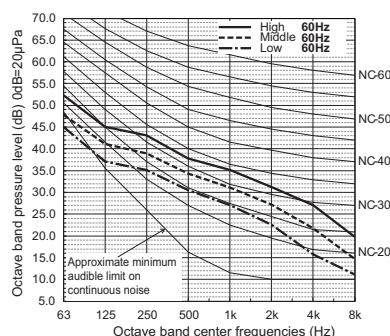
External Static Pressure: 125Pa [0.50in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L36NAMU-A**

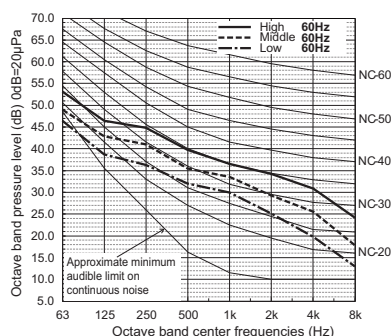
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L48NAMU-A**

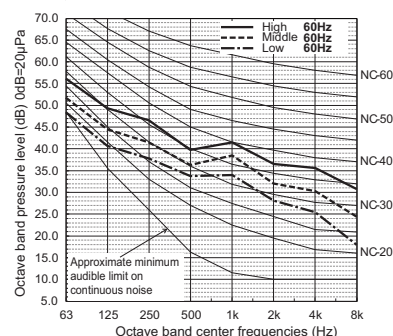
External Static Pressure: 75Pa [0.30in.WG]
Power Source: 208,230V(60Hz)

**PVFY-L48NAMU-A**

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

**PVFY-L48NAMU-A**

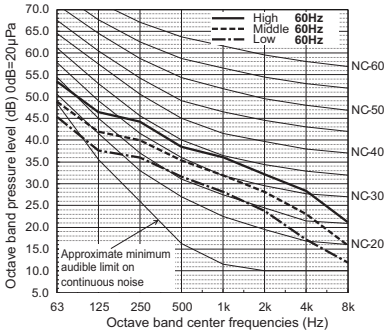
External Static Pressure: 200Pa [0.80in.WG]
Power Source: 208,230V(60Hz)



PVFY-L-NAMU-A

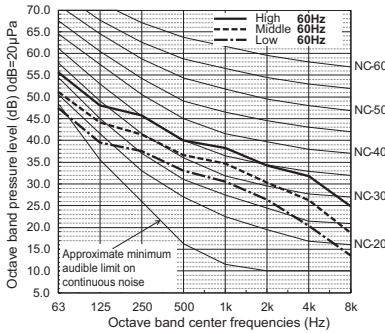
PVFY-L54NAMU-A

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



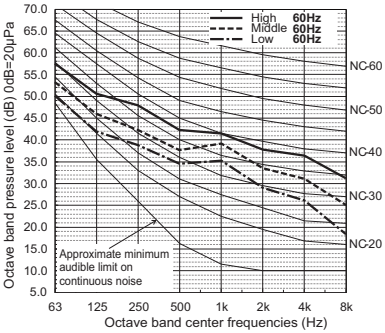
PVFY-L54NAMU-A

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



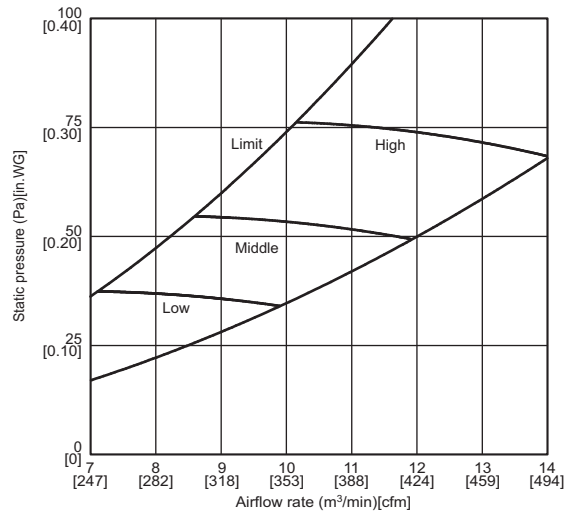
PVFY-L54NAMU-A

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



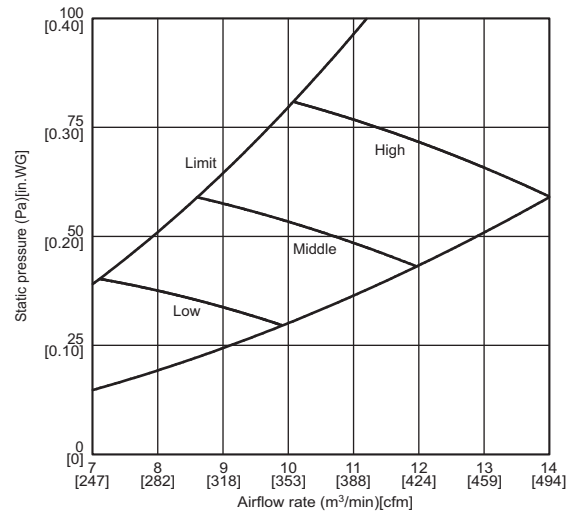
PVFY-L08, 12NAMU-A

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



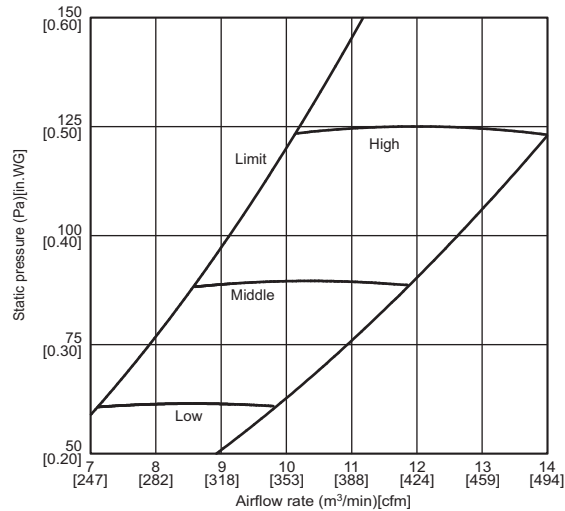
PVFY-L08, 12NAMU-A

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



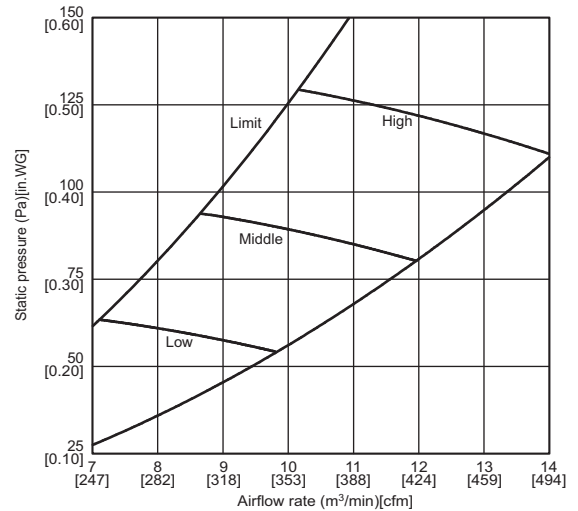
PVFY-L08, 12NAMU-A

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



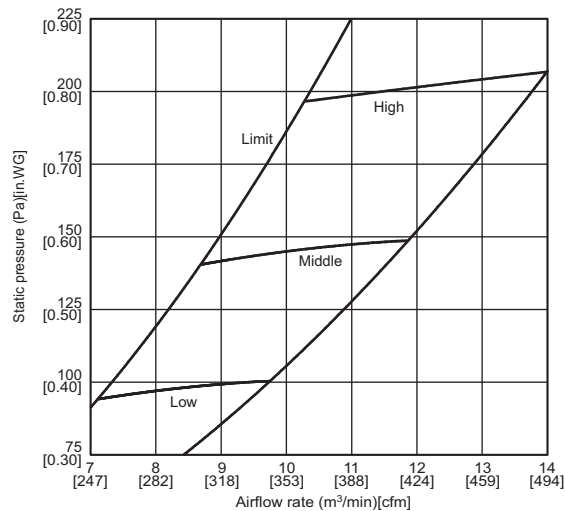
PVFY-L08, 12NAMU-A

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



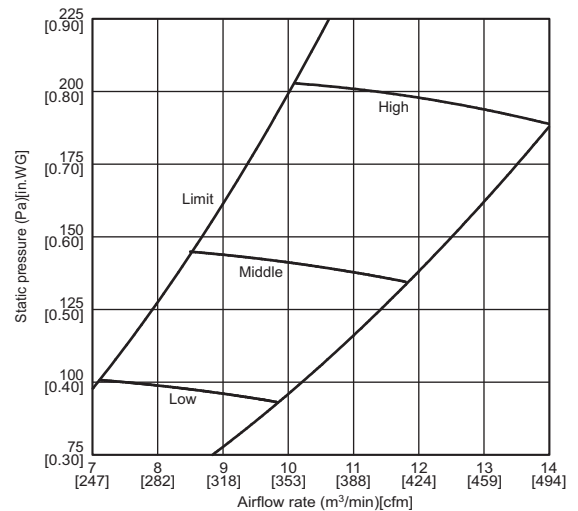
PVFY-L08, 12NAMU-A

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



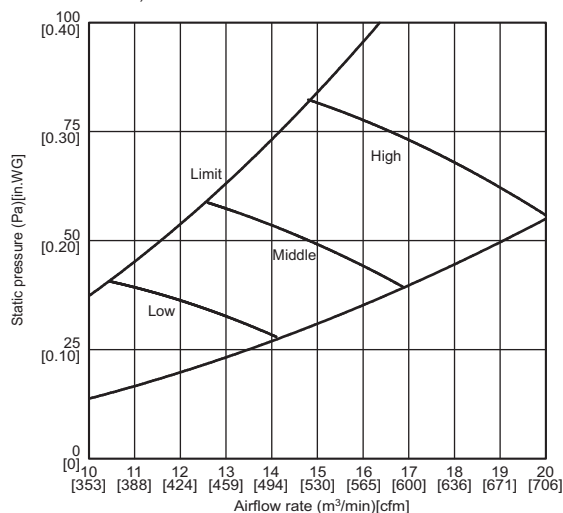
PVFY-L08, 12NAMU-A

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

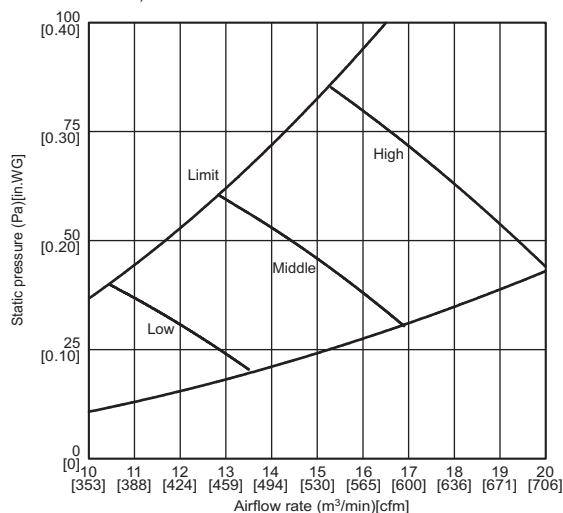


PVFY-L18NAMU-A

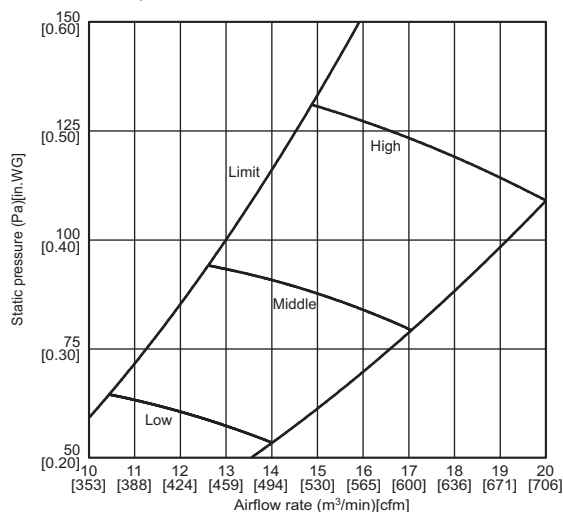
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L18NAMU-A**

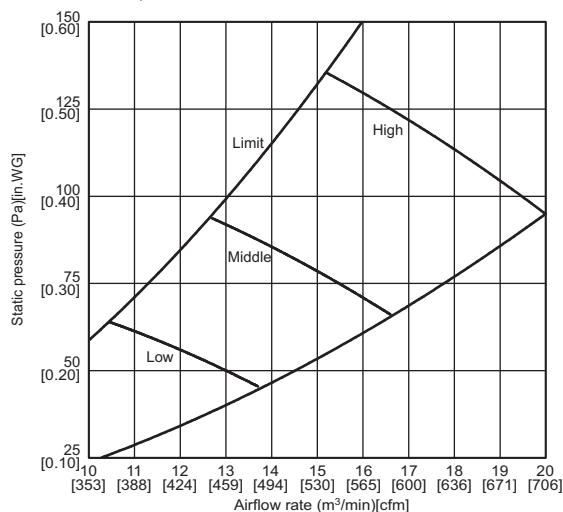
Downflow
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L18NAMU-A**

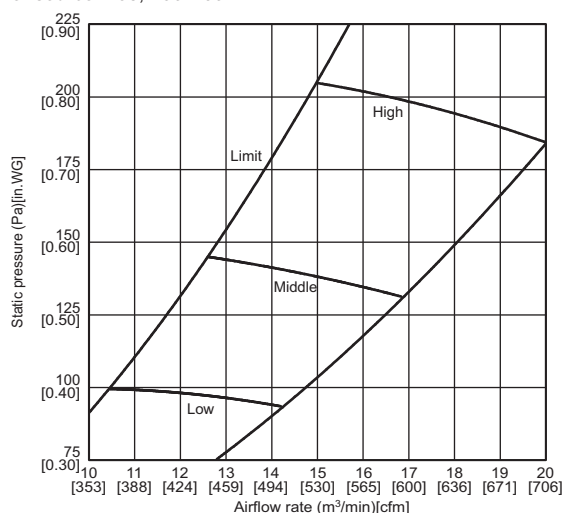
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L18NAMU-A**

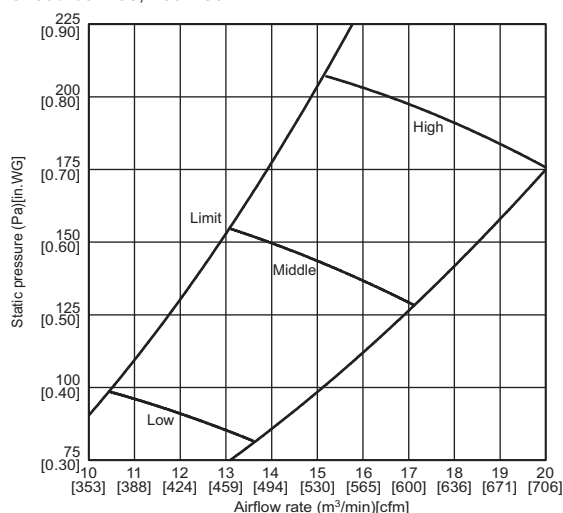
Downflow
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L18NAMU-A**

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

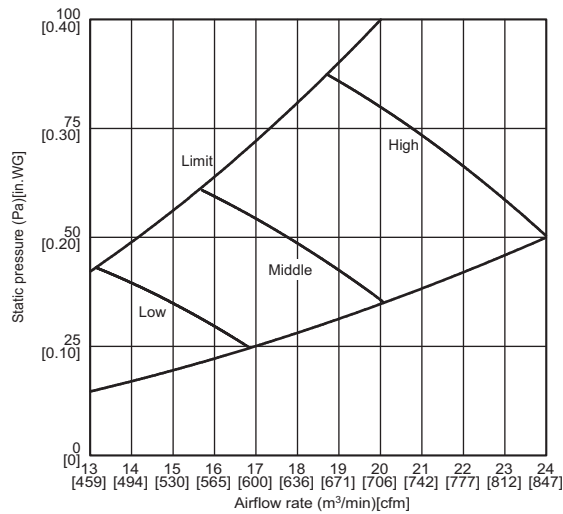
**PVFY-L18NAMU-A**

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

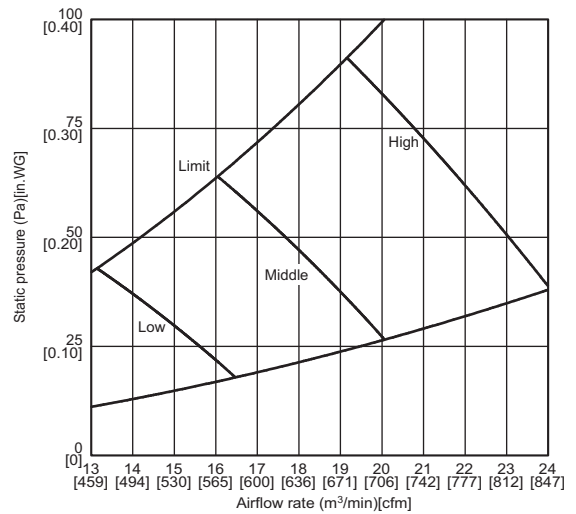


PVFY-L24NAMU-A

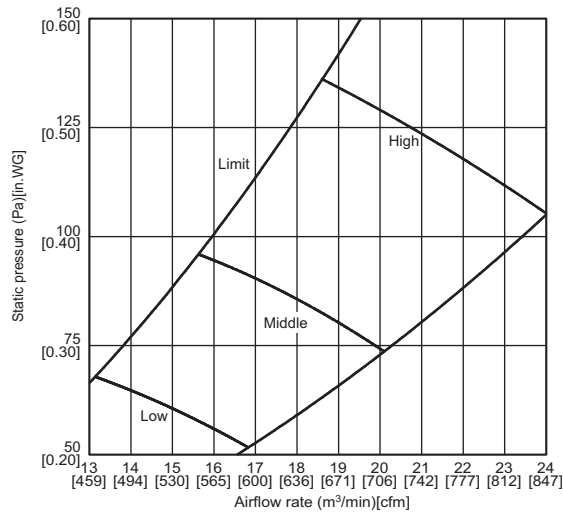
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L24NAMU-A**

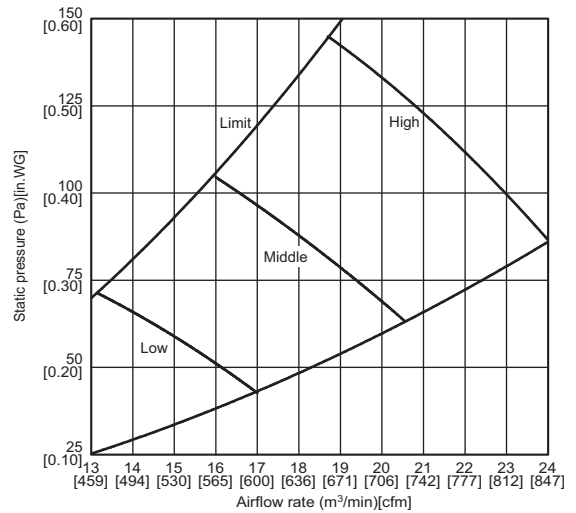
Downflow
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L24NAMU-A**

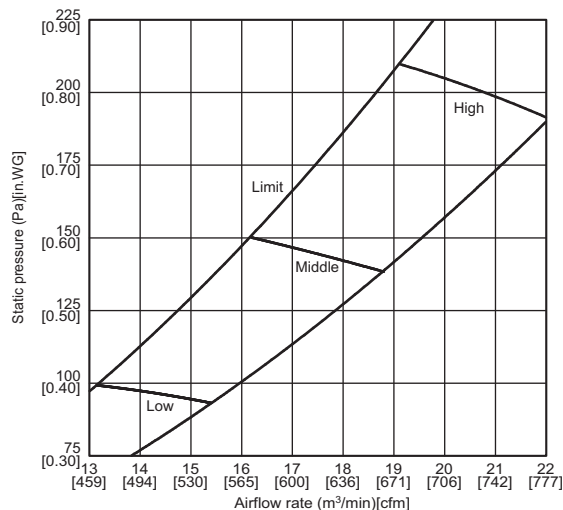
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L24NAMU-A**

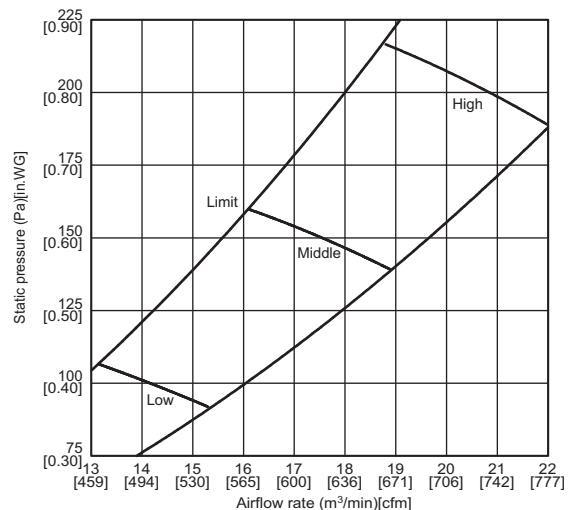
Downflow
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L24NAMU-A**

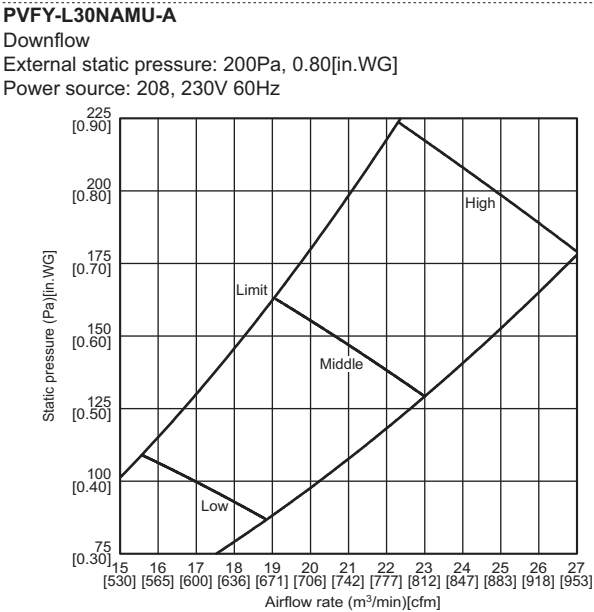
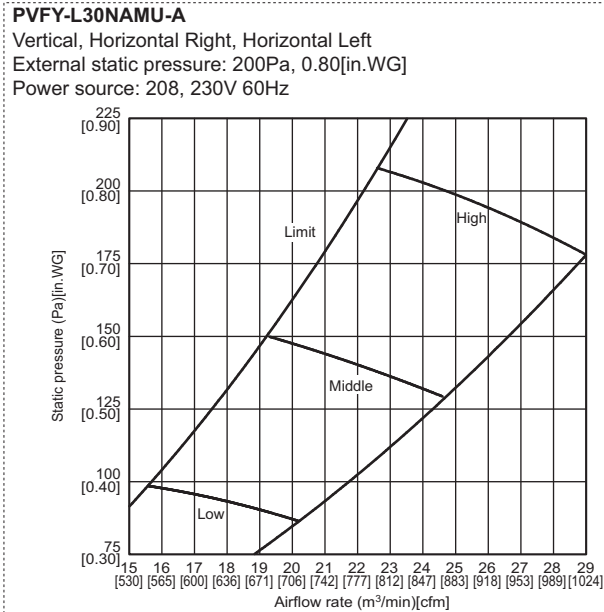
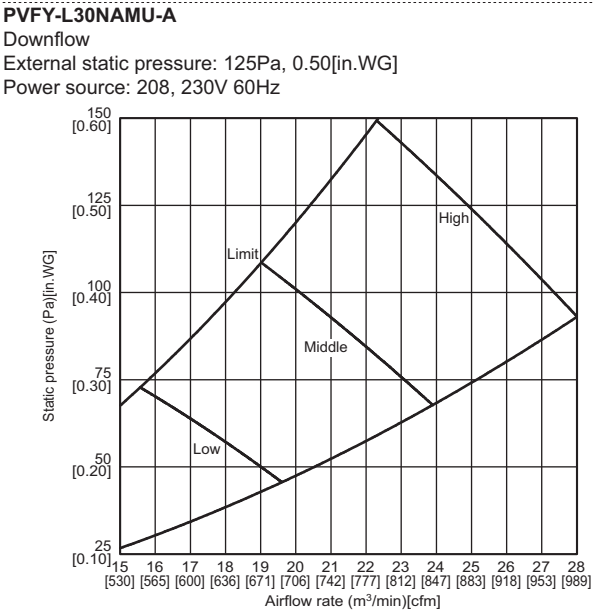
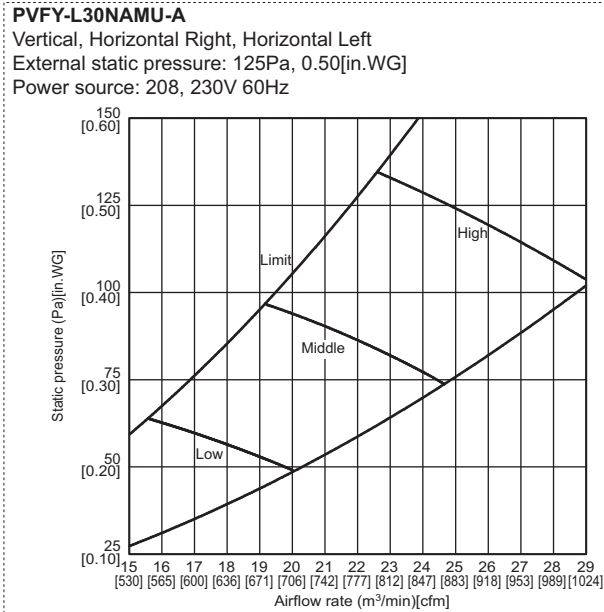
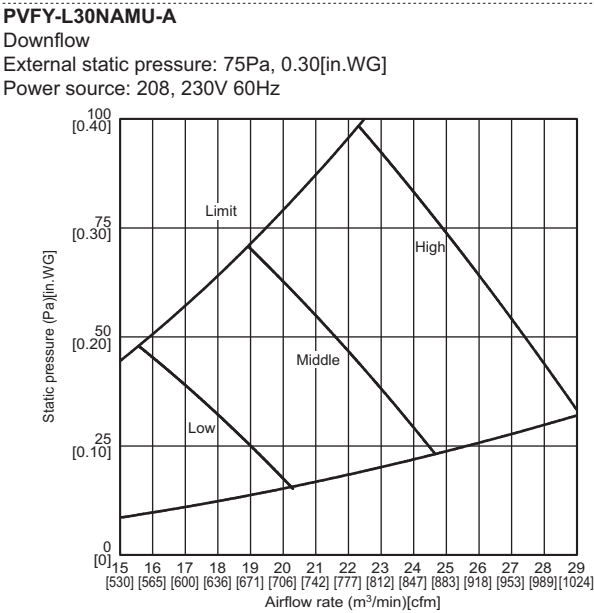
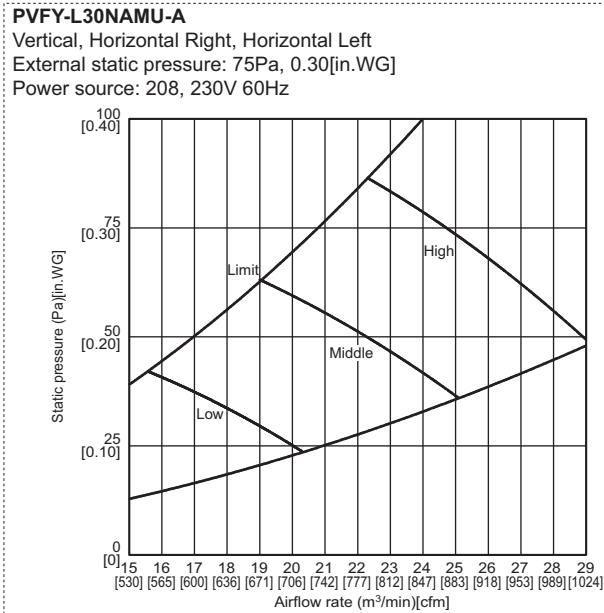
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 200Pa, 0.80[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L24NAMU-A**

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

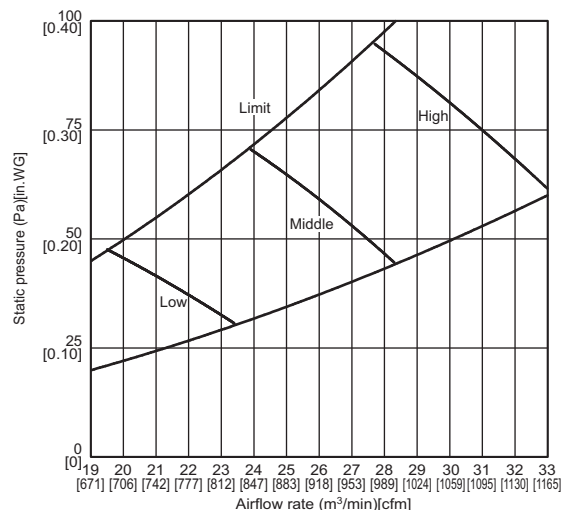


PVFX-L-NAMU-A

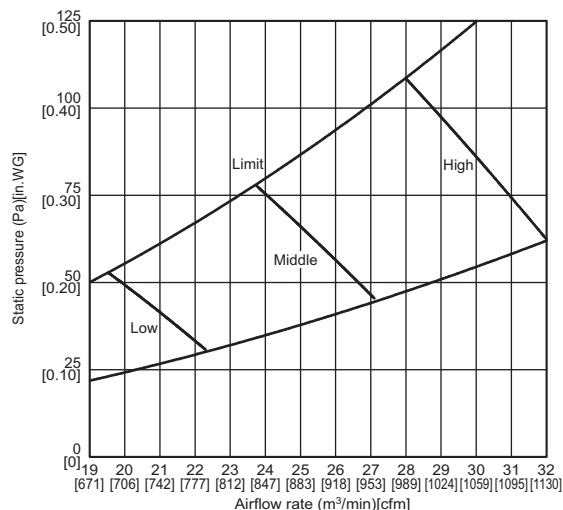


PVFY-L36NAMU-A

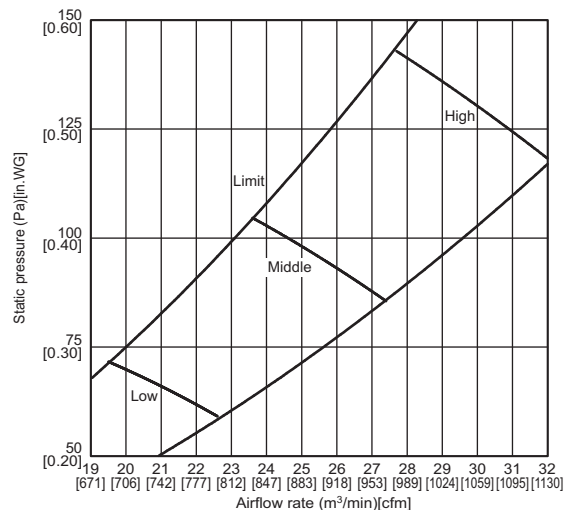
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L36NAMU-A**

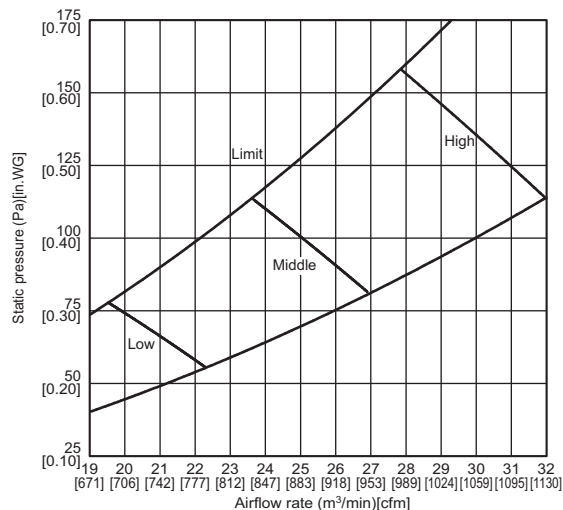
Downflow
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L36NAMU-A**

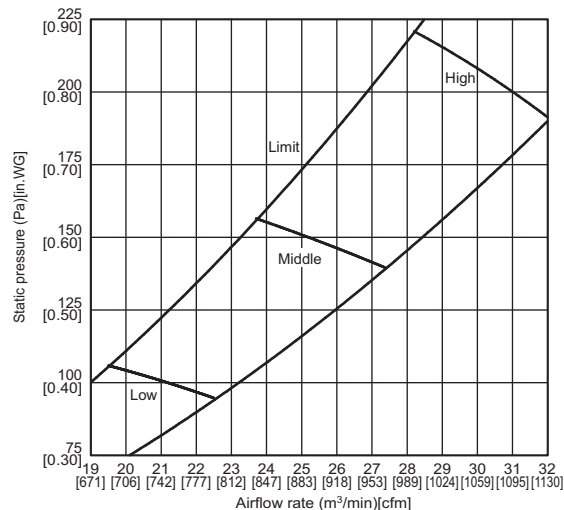
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L36NAMU-A**

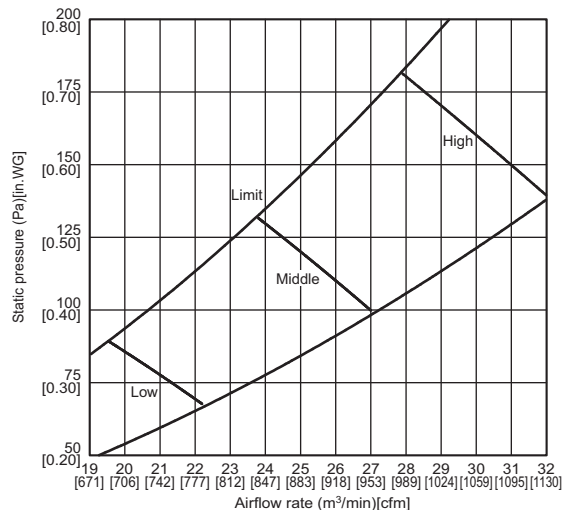
Downflow
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L36NAMU-A**

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

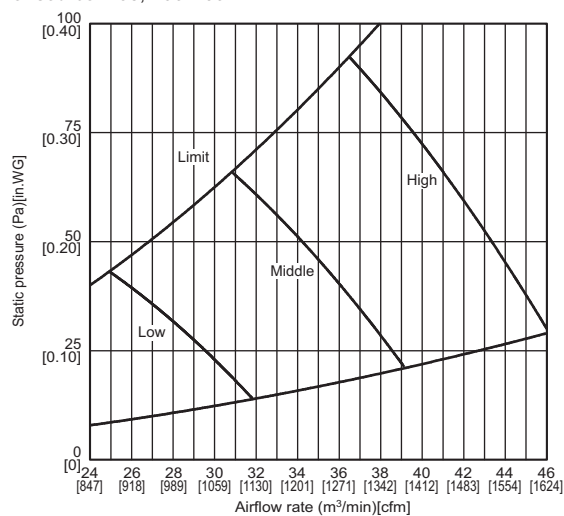
**PVFY-L36NAMU-A**

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

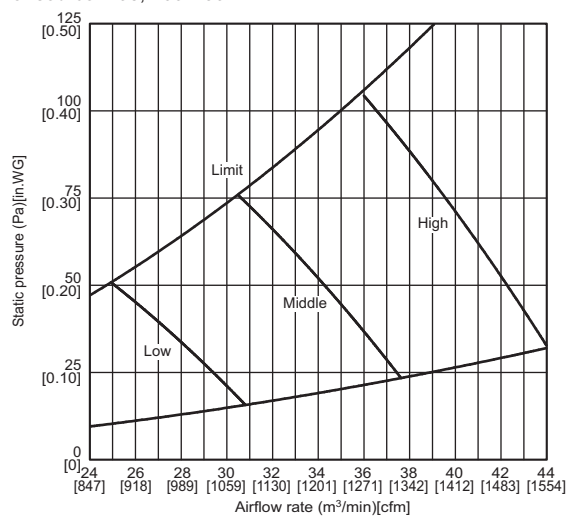


PVFY-L48NAMU-A

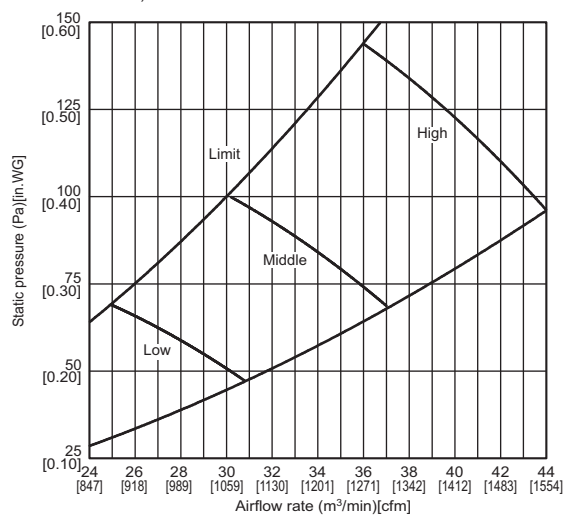
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L48NAMU-A**

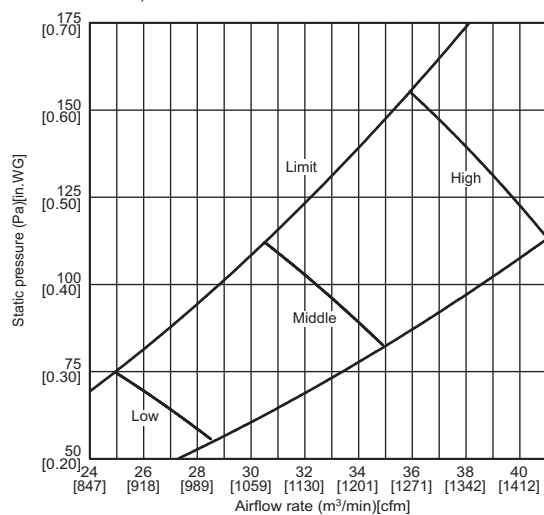
Downflow
 External static pressure: 75Pa, 0.30[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L48NAMU-A**

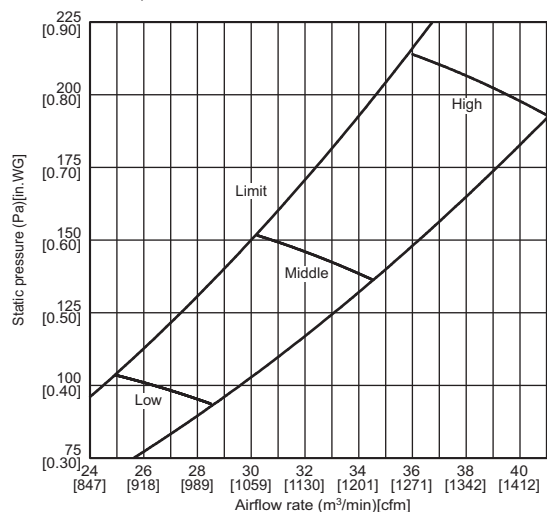
Vertical, Horizontal Right, Horizontal Left
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L48NAMU-A**

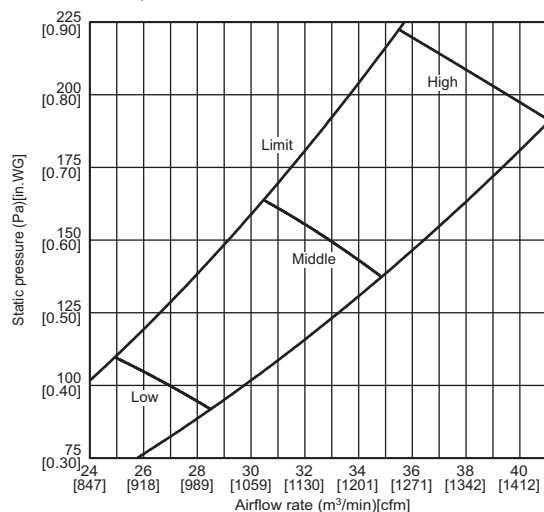
Downflow
 External static pressure: 125Pa, 0.50[in.WG]
 Power source: 208, 230V 60Hz

**PVFY-L48NAMU-A**

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

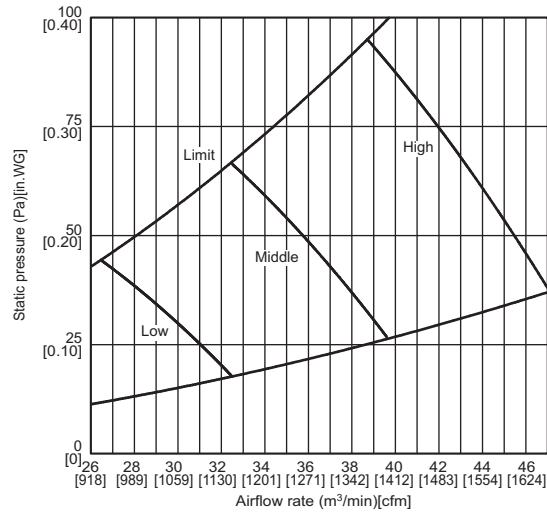
**PVFY-L48NAMU-A**

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



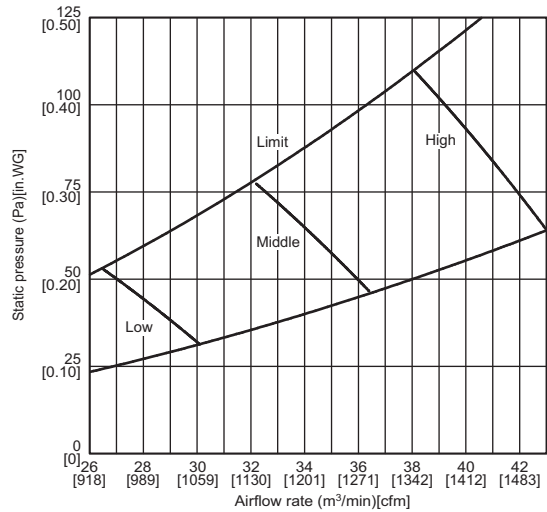
PVFY-L54NAMU-A

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



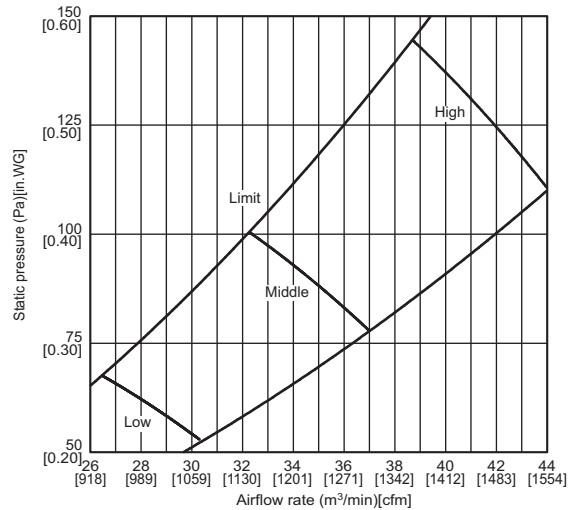
PVFY-L54NAMU-A

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



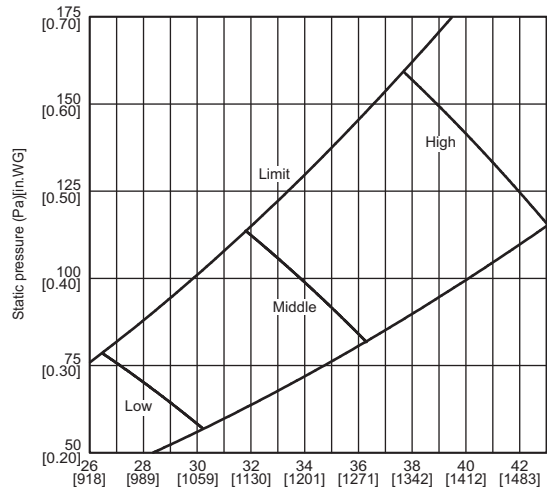
PVFY-L54NAMU-A

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



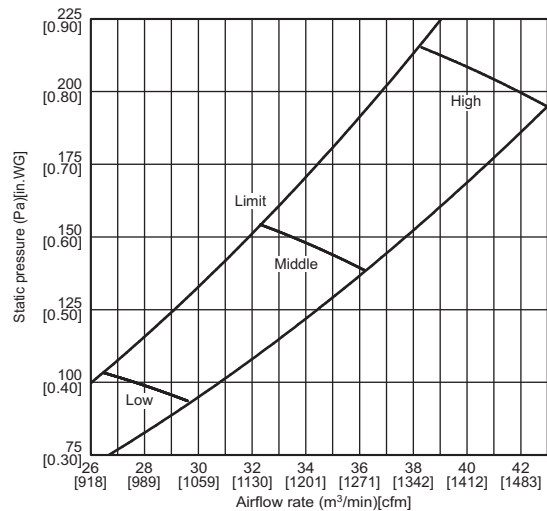
PVFY-L54NAMU-A

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



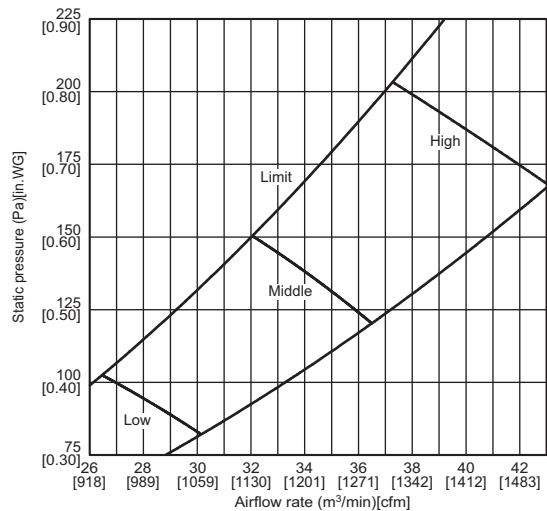
PVFY-L54NAMU-A

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



PVFY-L54NAMU-A

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



PVFY-L-NAMU-A

Symbols: MCA: Minimum Circuit Ampacity (=1.25xFLA) FLA: Full Load Amps
IFM: Indoor Fan Motor Output: Fan motor rated output

Model	Indoor Unit				IFM	
	Hz	Volts	Voltage range	MCA(A)	Output(kW)	FLA(A)
PVFY-L08NAMU-A	60Hz	208/230V	188 to 253V	3.00/3.00	0.121/0.121	2.4/2.4
PVFY-L12NAMU-A				3.00/3.00	0.121/0.121	2.4/2.4
PVFY-L18NAMU-A				3.00/3.00	0.121/0.121	2.4/2.4
PVFY-L24NAMU-A				3.00/3.00	0.121/0.121	2.4/2.4
PVFY-L30NAMU-A				4.13/4.13	0.244/0.244	3.3/3.3
PVFY-L36NAMU-A				4.13/4.13	0.244/0.244	3.3/3.3
PVFY-L48NAMU-A				5.63/5.63	0.430/0.430	4.5/4.5
PVFY-L54NAMU-A				5.63/5.63	0.430/0.430	4.5/4.5

8-1. Optional parts line up for the Indoor unit

	Long-life filter	Filter box	Drain pump	External heater adapter
PVFY-L08, 12, 18, 24, 30, 36, 48, 54NAMU-A	—	—	—	PAC-YU25HT

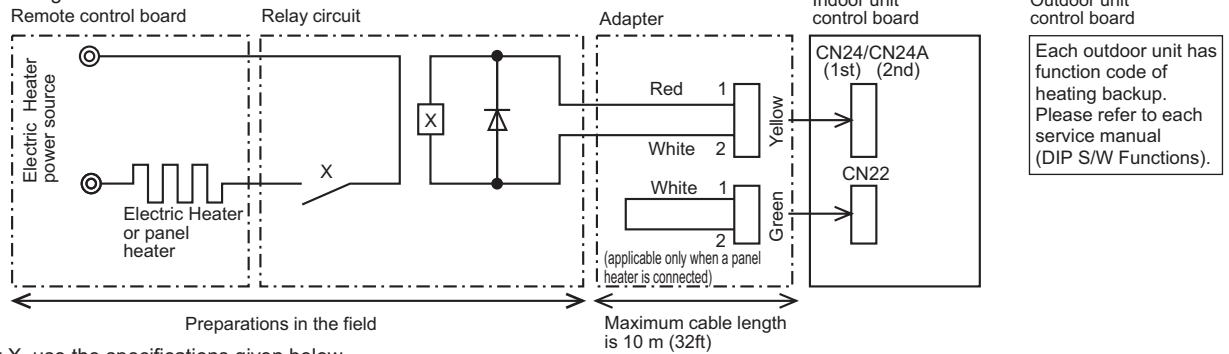
8-2. External heater adapter

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



For relay X, use the specifications given below.

Operation coil

Rated voltage: 12VDC

Power consumption: 0.9W 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).

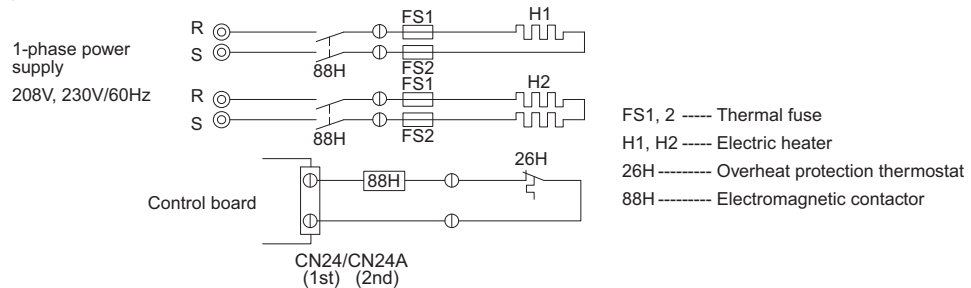
To extend this length, use sheathed 2-core cable.

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

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

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

(2) Recommended circuit



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

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

⚠ Warning

- Do not use refrigerant other than the type indicated in the manuals provided with the unit and on the nameplate.
 - Doing so may cause the unit or pipes to burst, or result in explosion or fire during use, repair, or at the time of disposal of the unit.
 - It may also be in violation of applicable laws.
 - MITSUBISHI ELECTRIC CORPORATION cannot be held responsible for malfunctions or accidents resulting from the use of the wrong type of refrigerant.
- Our air conditioning equipment and heat pumps contain a fluorinated greenhouse gas, R454B.

mitsubishi **ELECTRIC CORPORATION**

www.MitsubishiElectric.com