

Job Name:	
System Reference:	Date:



PVFY-P48NAMU-E

GENERAL FEATURES

- Multi-position design is suitable for any application requires no additional kits, even for downflow configuration
- Dual set point functionality
- Designed specifically for use with CITY MULTI® outdoor units
- Choice of three fan speeds for optimum comfort
- Highly efficient DC motor and a forward curved blower ensures quiet, consistent fan operation
- Optional relay kit provides functionality for two stage auxiliary heat (1 kit per stage), humidifier integration, or other custom applications
- Control board includes a condensate overflow switch connection
- Heavy-gauge steel cabinets with 1" fiberglass-free foam insulation with an R-4.2 insulation value
- Suitable for use in air handling spaces in accordance with Section 18.2 of UL 1995 4th Edition
- Tested in accordance with ANSI/ASHRAE Standard 193; less than 1% air leakage at maximum airflow

ACCESSORIES:

- ☐ Relay Kit.....CN24RELAY-KIT-CM3
- ☐ Fan Speed Indication Adapter.....PAC-735

SPECIFICATIONS:

Capacity*		
Cooling	Btu/h	48,000
Heating	Btu/h	54,000

* Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:

Cooling | Indoor : 80° F (27° C) DB / 67° F (19° C) WB

Cooling | Outdoor : 95° F (35° C) DB

Heating | Indoor : 70° F (21° C) DB

Heating | Outdoor : 47° F (8° C) DB / 43° F (6° C) WB

Electrical		
Electrical Power Requirements	1-phase, 208 / 230V, 60Hz	
Minimum Circuit Ampacity (MCA)	A	5.63 / 5.63
Maximum Fuse Size	A	15

External Dimensions		
Height	In.(mm)	59-1/2 (1,511)
Width	In.(mm)	25 (635)
Depth	In.(mm)	21-5/8 (548)

Net Weight	Lbs.(kg)	172 (78)
External Finish	High-gloss polyester powder coated	
Coil Type	Cross Fin (Aluminum Plate Fin and Copper Tube)	

Fan		
Type x Quantity	Sirocco fan x 1	
Airflow rate (Low - Mid - High)	CFM	980 - 1,190 - 1,400
External Static Pressure	In. WG	0.30 / 0.50 / 0.80 (Selectable)
Motor Type	DC motor	

Air Filter	Polypropylene Honeycomb	
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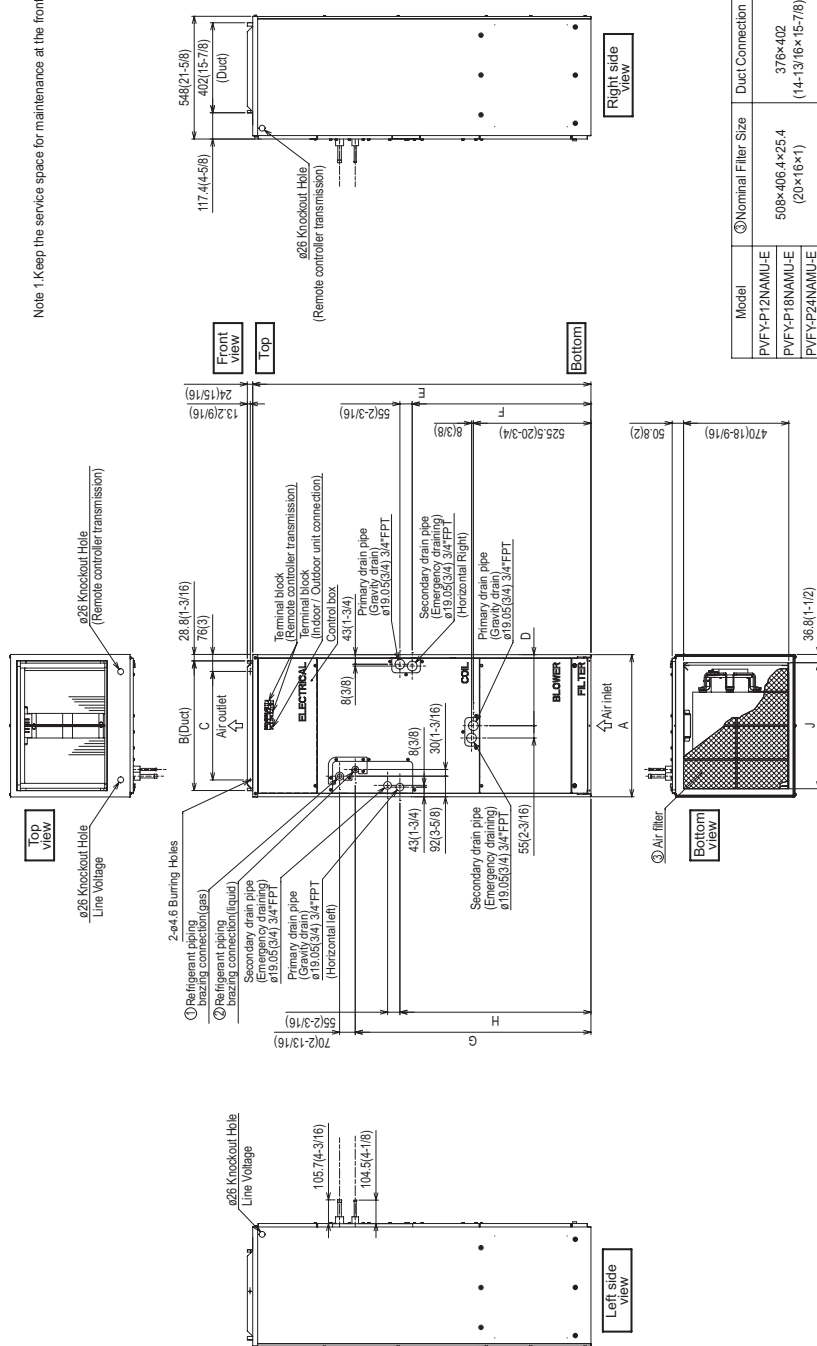
Refrigerant Piping Diameter		
Liquid (High Pressure)	In.(mm)	3/8 (9.52) Braze
Gas (Low Pressure)	In.(mm)	5/8 (15.88) Braze
Field Drain Pipe Size	In.(mm)	FPT 3/4 (19.05)

Sound Data (Low - Mid - High) (measured in anechoic room)		
Sound Pressure Level	dB(A)	35 - 39 - 43

Model: PVFY-P48NAMU-E – DIMENSIONS

Units: mm (in.)

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



Model	③Nominal Filter Size	Duct Connection
PVFPV-P2NAMU-E	508×406.4×25.4 (20×16×1)	376×402 (14-13/16×15-7/8)
PVFPV-P2NAMU-E	508×508×25.4 (20×20×1)	477×402 (18-13/16×15-7/8)
PVFPV-P4NAMU-E	508×609.6×25.4 (20×24×1)	579×402 (22-13/16×15-7/8)

Model	A	B	C	D	E	F	G	H	J	Gas pipe	2. Unit mm(in)
PVVF-P21NMMU-E	432	376	281	224	1275	680	823	735.5	360	ø12.7	ø3.35
PVVF-P21PNMMU-E	177	(14-13/16)	(11-18)	(8-7/8)	(50-14)	(26-13/16)	(32-7/16)	(29)	(14-3/16)	(1/2)	(1/4)
PVVF-P22NMMU-E											
PVVF-P22PNMMU-E	534	477	382.6	266.5	1378	737	953.5	792	461		
PVVF-P23NMMU-E	21	(18-13/16)	(15-18)	(10-12)	(64-14)	(29-1/16)	(37-9/16)	(31-3/16)	(13-3/16)		
PVVF-P23PNMMU-E											
PVVF-P24NMMU-E	635	579	484.6	317.5	1511	798.5	1053	833.5	563	ø15.88	ø3.52
PVVF-P24PNMMU-E	253	(22-31/32)	(19-18)	(12-12)	(69-12)	(34-7/16)	(41-1/2)	(33-5/8)	(22-3/16)	(5/8)	(3/8)



COOLING & HEATING

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