

Job Name:	
System Reference:	Date:



PVFY-P12NAMU-E1

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
- Electric Heat Kit.....for details see Electric Heat Kit Submittal

SPECIFICATIONS:

Capacity*		
Cooling	Btu/h	12,000
Heating	Btu/h	13,500

* 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	3.00 / 3.00
Maximum Fuse Size	A	15

External Dimensions		
Height	In.(mm)	50-1/4 (1,275)
Width	In.(mm)	17 (432)
Depth	In.(mm)	21-5/8 (548)

Net Weight	Lbs.(kg)	113 (51)
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	280 - 340 - 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)	1/4 (6.35) Brazed
Gas (Low Pressure)	In.(mm)	1/2 (12.7) Brazed

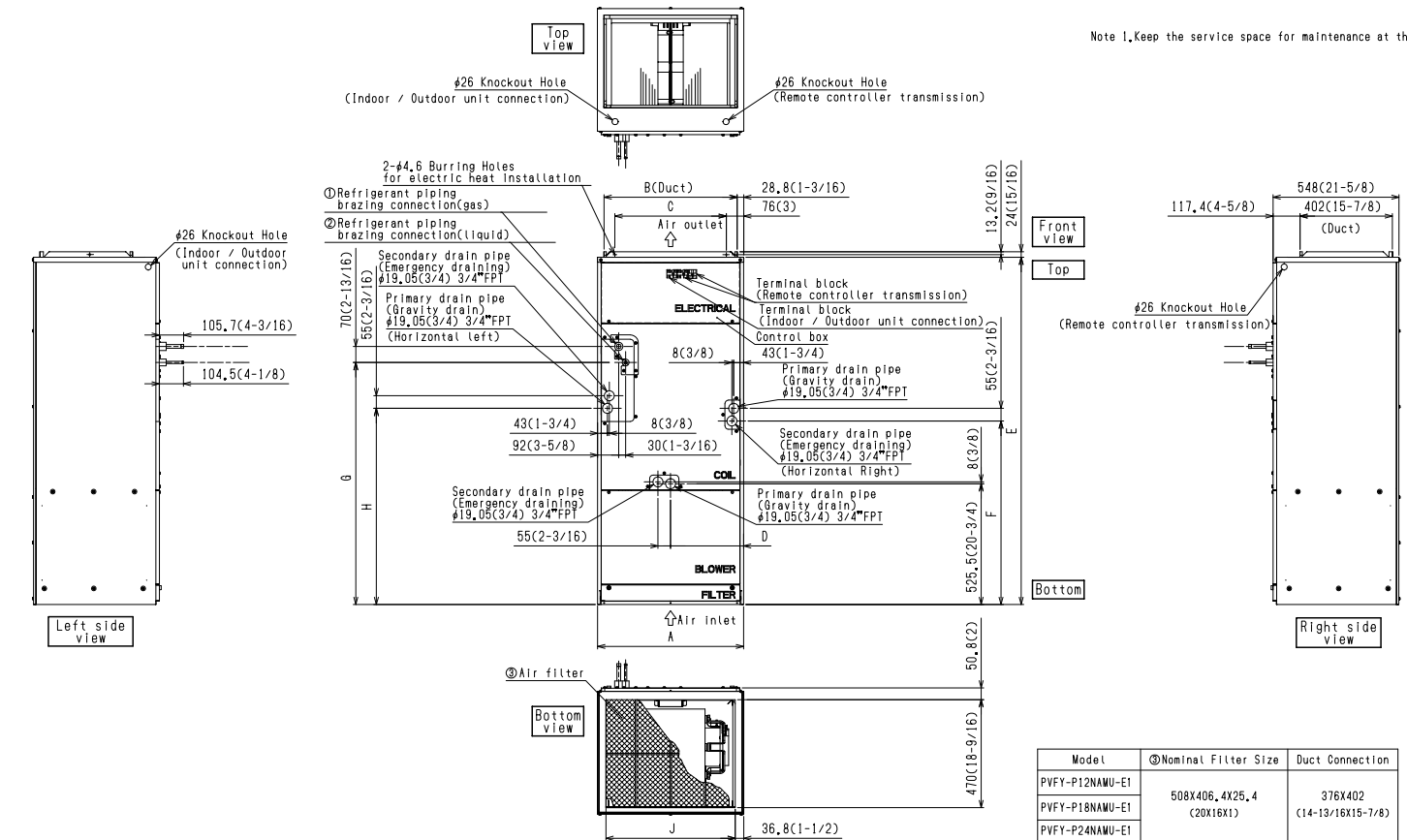
Field Drain Pipe Size	In.(mm)	FPT 3/4 (19.05)
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Sound Data (Low - Mid - High) (measured in anechoic room)		
Sound Pressure Level	dB(A)	27 - 31 - 35

Model: PVFY-P12NAMU-E1 – DIMENSIONS

Units: mm (in.)

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



Model	A	B	C	D	E	F	G	H	J	①Gas pipe	②Liquid pipe
PVFY-P12NAMU-E1	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)	①12,7 (1/2)	②6,35 (1/4)
PVFY-P18NAMU-E1										①15,88 (5/8)	②9,52 (3/8)
PVFY-P24NAMU-E1											
PVFY-P30NAMU-E1	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)		
PVFY-P36NAMU-E1											
PVFY-P48NAMU-E1	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-E1											

Unit:mm(in.)

Model	③Nominal Filter Size	Duct Connection
PVFY-P12NAMU-E1		
PVFY-P18NAMU-E1	508X406, 4X25, 4 (20X16X1)	376X402 (14-13/16X15-7/8)
PVFY-P24NAMU-E1		
PVFY-P30NAMU-E1	508X508X25, 4 (20X20X1)	477X402 (18-13/16X15-7/8)
PVFY-P36NAMU-E1		
PVFY-P48NAMU-E1	508X609, 6X25, 4 (20X24X1)	579X402 (22-13/16X15-7/8)
PVFY-P54NAMU-E1		



COOLING & HEATING

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