

Job Name:	
System Reference:	Date:



PV FY-P36NAMU-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 KitCN24RELAY-KIT-CM3
- Fan Speed Indication AdapterPAC-735
- Electric Heat Kitfor details see Electric Heat Kit Submittal

SPECIFICATIONS:

Capacity*		
Cooling	Btu/h	36,000
Heating	Btu/h	40,000

* 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	4.13 / 4.13
Maximum Fuse Size	A	15

External Dimensions		
Height	In.(mm)	54-1/4 (1,378)
Width	In.(mm)	21 (534)
Depth	In.(mm)	21-5/8 (548)

Net Weight	Lbs.(kg)	141 (64)
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	767 - 931 - 1,095
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) Brazed
Gas (Low Pressure)	In.(mm)	5/8 (15.88) Brazed

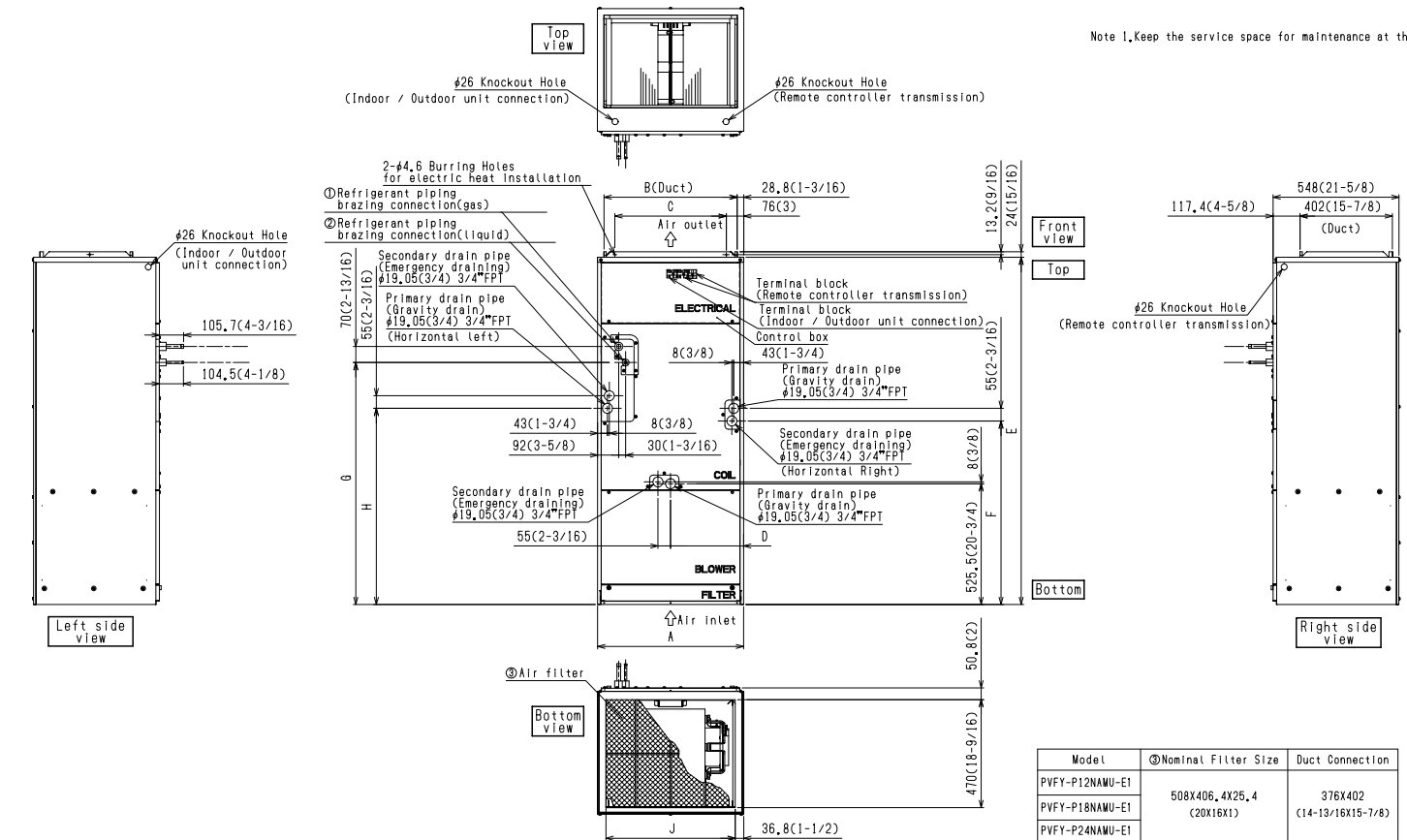
Field Drain Pipe Size	In.(mm)	FPT 3/4 (19.05)
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Sound Data (Low - Mid - High) (measured in anechoic room)		
Sound Pressure Level	dB(A)	35 - 39 - 43

Model: PVFY-P36NAMU-E1 – DIMENSIONS

Units: mm (in.)

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



Unit:mm(in.)

Model	A	B	C	D	E	F	G	H	J	①Gas pipe	②Liquid pipe
PVFY-P12NAMU-E1	432	376	281	224	1275	680	823	735,5	360	φ12,7	φ6,35
PVFY-P18NAMU-E1	(17)	(14-13/16)	(11-1/8)	(8-7/8)	(50-1/4)	(26-13/16)	(32-7/16)	(29)	(14-3/16)	(1/2)	(1/4)
PVFY-P24NAMU-E1											
PVFY-P30NAMU-E1	534	477	382,6	266,5	1378	737	953,5	792	461		
PVFY-P36NAMU-E1	(21)	(18-13/16)	(15-1/8)	(10-1/2)	(54-1/4)	(29-1/16)	(37-9/16)	(31-3/16)	(18-3/16)	φ15,88	φ9,52
PVFY-P48NAMU-E1	635	579	484,6	317,5	1511	798,5	1053	853,5	563	(5/8)	(3/8)
PVFY-P54NAMU-E1	(25)	(22-13/16)	(19-1/8)	(12-1/2)	(59-1/2)	(31-7/16)	(41-1/2)	(33-5/8)	(22-3/16)		

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	579X402
PVFY-P54NAMU-E1	(20X24X1)	(22-13/16X15-7/8)



COOLING & HEATING

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