CITYMULTI®

PVFY-P36NAMU-E

MITSUBISHI ELECTRIC

Job Name:	
System Reference:	Date:

PVFY-P36NAMU-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	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 Quanity	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	

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)

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

Specifications are subject to change without notice.

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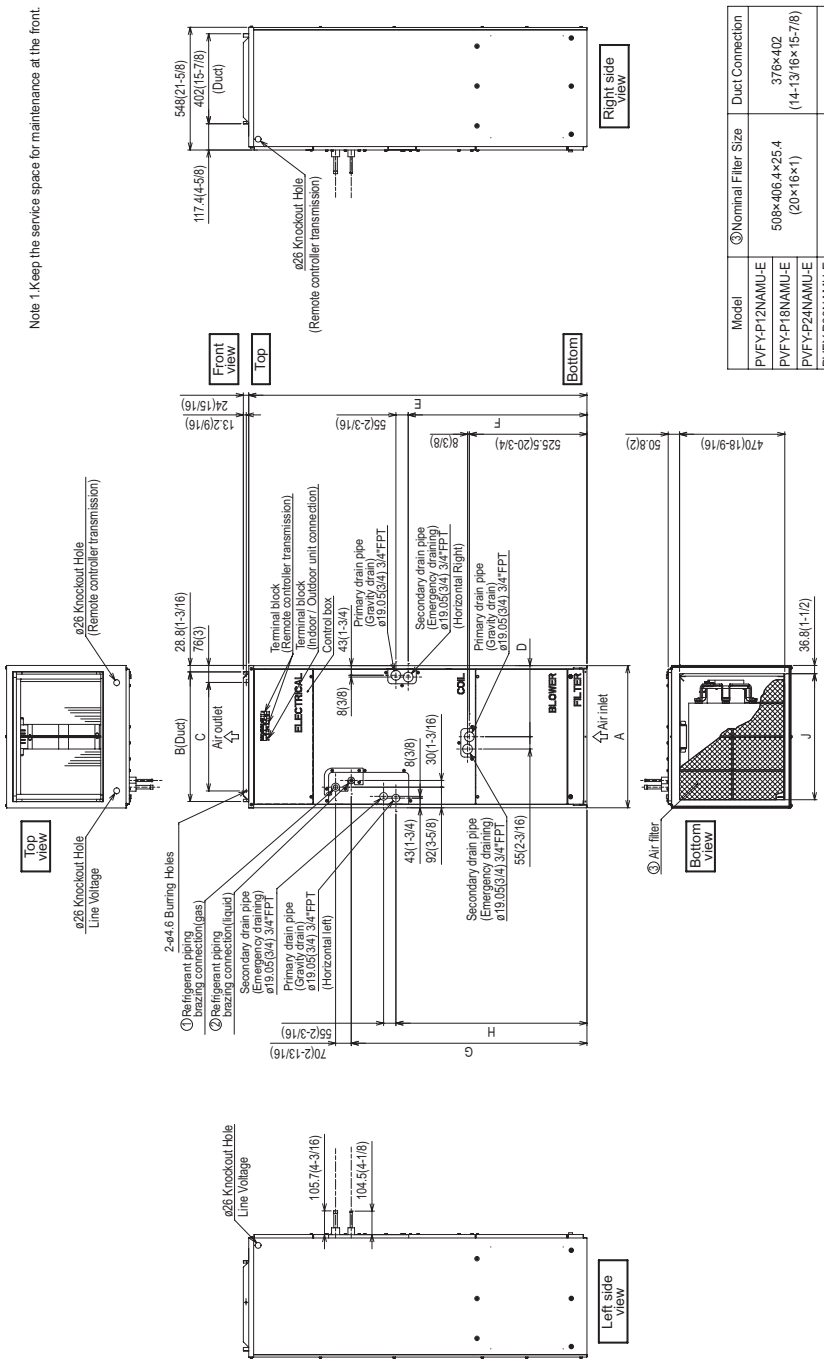
Model: PVFY-P36NAMU-E – DIMENSIONS

Units: mm (in.)



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

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											

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