

Job Name:

System Reference:

Date:



## GENERAL FEATURES

- Multi-position design is suitable for any application requires no additional kits, even for downflow configuration
- Highly efficient DC motor and a forward curved blower ensures quiet, consistent fan operation
- Selectable external static pressure: 0.30, 0.50 and 0.80 in.WG with 3 fan speeds at each static setting
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Positive pressure cabinet with air leakage of less than 2.0% at 1.0 In.WG (Tested per ASHRAE Standard 193)
- Unique blow through design allows simple coil cleaning when the blower is removed
- Optional electric heat kit for additional heat capacity
- Optional humidifier control and ERV control

Specifications		System	
Unit Type		PVFY-P48NAMU-E1	
Cooling capacity (Nominal) <sup>1</sup>		BTU/H	48,000
Heating capacity (Nominal) <sup>1</sup>		BTU/H	54,000
Power source		Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz
MCA		A	5.63
Maximum Overcurrent Protection (MOCP)		A	15
External finish			High-gloss polyester powder coated
External Dimensions		In. [mm]	25 x 21-5/8 x 59-1/2 [635 x 548 x 1,511]
Net weight		Lbs [kg]	172 [78]
Heat exchanger			Cross fin (Aluminum fin and copper tube)
Fan	Type x quantity		Sirocco fan x 1
	External Static pressure	in.WG	0.30, 0.5, 0.8,
	Airflow rate	CFM	980-1,190-1,400
	Motor type		DC motor
Sound pressure level (Measured in anechoic room)		dB(A)	35-39-43
Air filter			Polypropylene Honeycomb
Refrigerant	Type		R410A
Diameter of refrigerant pipe (O.D.)	Liquid (High Pressure)	In. [mm]	3/8 [9.52] Brazed
	Gas (Low Pressure)	In. [mm]	5/8 [15.88] Brazed
Diameter of drain pipe		In. [mm]	FPT 3/4 [19.05]

## NOTES:

<sup>1</sup>Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:

Cooling | Indoor: 80° F (26.7° C) DB / 67° F (19.4° C) WB; Outdoor 95° F (35° C) DB

Heating | Indoor: 70° F (21.1° C) DB; Outdoor 47° F (8.3° C) DB / 43° F (6.1° C) WB

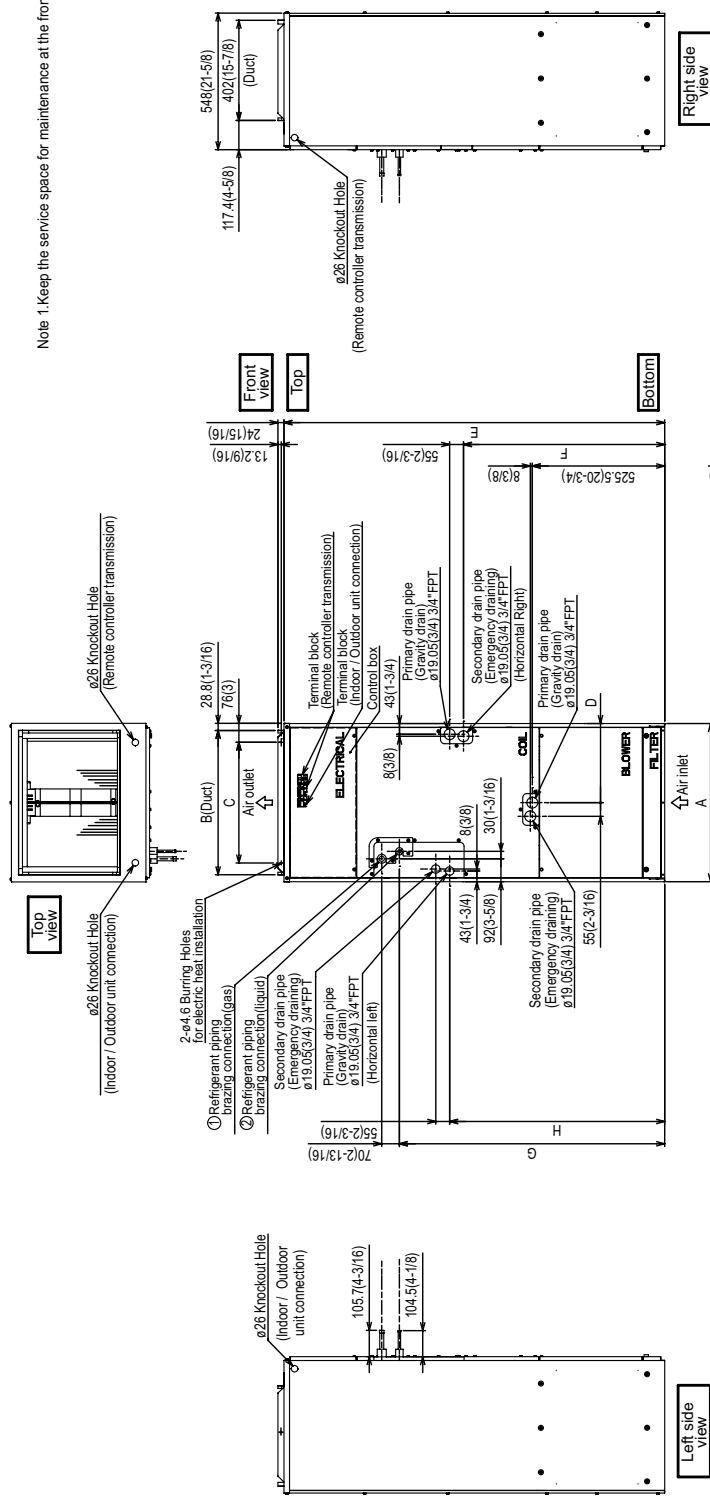
## INDOOR UNIT ACCESSORIES: PVFY-P48NAMU-E1

Control Interface	BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
Remote Sensor	Flush Mount Remote Temperature Sensor	PAC-USSEN002-FM-1
	Flush Mount Temperature Sensor	PAC-USSEN001-FM-1
	Remote Temperature Sensor	PAC-SE41TS-E
Terminal Signal Adapter	Terminal Signal Adapter	PAC-IT51AD-E
	Terminal Signal Adapter	PAC-IT52AD-E
Wired Remote Controller	Deluxe Wired MA Remote Controller†	PAR-40MAAU
	Simple MA Remote Controller†	PAC-YT53CRAU-J
	Smart ME Remote Controller - Backlit touchscreen	PAR-U01MEDU-K
	Touch MA Controller†	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Wireless MA Receiver	PAR-FA32MA-W
	Wireless MA Remote Controller	PAR-FL32MA-E
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor	X87-835
	Blue Diamond MultiTank — collection tank for use with multiple pumps	C21-014
	Blue Diamond Sensor Extension Cable — 15 Ft.	C13-103
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	COMBI
	Sauermann Condensate Pump	SI30-230
Electric Heat Lockout	Electric Heat Lockout	ETC-211020-MIT
Electric Kit Heats	10kW Electric Heater	EH10-MPA-LB
	15kW Electric Heater	EH15-MPAS-LB
	17kW Electric Heater	EH17-MPAS-LB

# INDOOR UNIT DIMENSIONS: PVFY-P48NAMU-E1

Unit: mm (in.)

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



Model	①Nominal Filter Size	Duct Connection
PVFY-P08NAMU-E1	508×406.4×25.4 (20×16×1)	376×402 (14-13/16×15-7/8)
PVFY-P12NAMU-E1	508×406.4×25.4 (20×16×1)	477×402 (18-13/16×15-7/8)
PVFY-P18NAMU-E1	508×406.4×25.4 (20×16×1)	578×402 (22-13/16×15-7/8)
PVFY-P24NAMU-E1	508×406.4×25.4 (20×16×1)	
PVFY-P30NAMU-E1	508×406.4×25.4 (20×16×1)	
PVFY-P36NAMU-E1	508×406.4×25.4 (20×16×1)	
PVFY-P48NAMU-E1	508×406.4×25.4 (20×16×1)	
PVFY-P54NAMU-E1	508×406.4×25.4 (20×16×1)	

Model	Unit:mm(in.)										
	A	B	C	D	E	F	G	H	J	① Gas pipe	② Liquid pipe
PVFY-P08NAMU-E1	432	376	281	224	1275	680	823	735.5	360	ø12.7 (1/2)	ø6.35 (1/4)
PVFY-P12NAMU-E1	534	477	382.6	266.5	1378	737	953.5	792	461	ø15.88 (5/8)	ø9.52 (3/8)
PVFY-P18NAMU-E1	635	579	484.6	317.5	1511	798.5	1053	853.5	563		
PVFY-P24NAMU-E1	736	680	585.6	418.5	1622	909.5	1164	964.5	664		
PVFY-P30NAMU-E1	837	781	686.6	519.5	1733	1020.5	1275	1075.5	765		
PVFY-P36NAMU-E1	938	882	787.6	620.5	1844	1131.5	1386	1186.5	866		
PVFY-P48NAMU-E1	1139	1083	988.6	821.5	2255	1432.5	1797	1487.5	1067		
PVFY-P54NAMU-E1	1340	1284	1189.6	1022.5	2666	1633.5	1998	1688.5	1268		

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