

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-P30NAMU-E1	
Cooling capacity (Nominal) <sup>1</sup>	BTU/H	30,000	
Heating capacity (Nominal) <sup>1</sup>	BTU/H	34,000	
Power source	Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz	
MCA	A	4.13	
Maximum Overcurrent Protection (MOCP)	A	15	
External finish		High-gloss polyester powder coated	
External Dimensions	In. [mm]	21 x 21-5/8 x 54-1/4 [534 x 548 x 1,378]	
Net weight	Lbs [kg]	141 [64]	
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	613–744–875
	Motor type	DC motor	
Sound pressure level (Measured in anechoic room)	dB(A)	32–36–40	
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

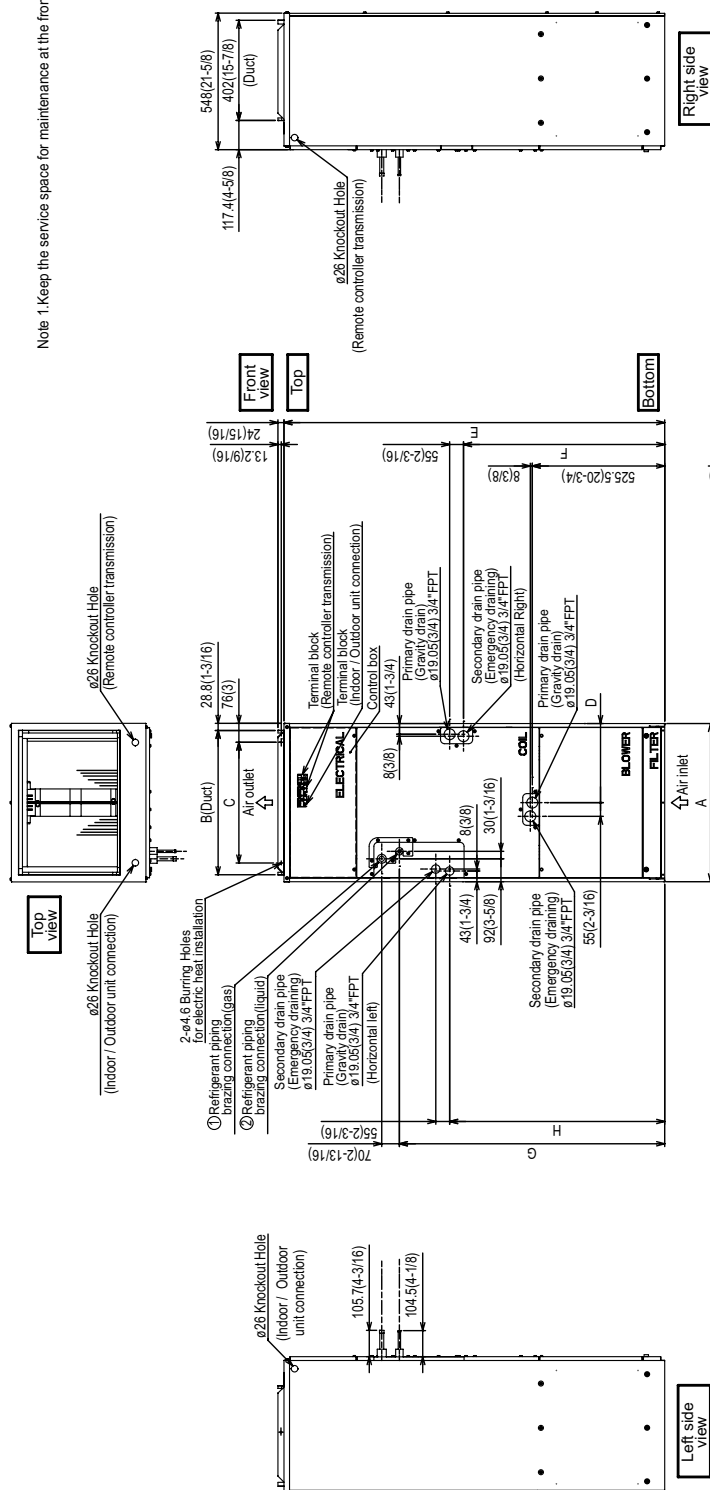
## INDOOR UNIT ACCESSORIES: PVFY-P30NAMU-E1

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-MB
	3kW Electric Heater	EH03-MPA-MB
	5kW Electric Heater	EH05-MPA-MB
	5kW Electric Heater Module-Medium Cabinet	EH05-MPA-M
	8kW Electric Heater	EH08-MPA-MB

# INDOOR UNIT DIMENSIONS: PVFY-P30NAMU-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	③ Air filter	
PVFY-P08NAMU-E1	432	376	281	224	1275	680	823	735.5	360	ø12.7	ø6.35	470(18.916)	
PVFY-P12NAMU-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-P18NAMU-E1	534	477	382.6	266.5	1378	737	953.5	792	461	ø15.88	ø9.52	50.8(2)	
PVFY-P24NAMU-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)	(5/8)	(3/8)		
PVFY-P30NAMU-E1	635	579	484.6	317.5	1511	798.5	1053	853.5	563				
PVFY-P36NAMU-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)				

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