

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 1.0% 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-P54NAMU-E1	
Cooling capacity (Nominal) ¹	BTU/H	54,000	
Heating capacity (Nominal) ¹	BTU/H	60,000	
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	1,040–1,262–1,485
	Motor type		DC motor
Sound pressure level (Measured in anechoic room)	dB(A)	36–40–44	
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:
Cooling | Indoor: 81° F (27° C) DB / 66° F (19° C) WB; Outdoor 95° F (35° C) DB
Heating | Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB

INDOOR UNIT ACCESSORIES: PVFY-P54NAMU-E1

Control Interface	Backup Heat Relay Kit Adapter for CN24 or CN152 on ducted models	CN24RELAY-KIT-CM3
	IT Extender for kumo station™	PAC-WHS01IE-E
	kumo station™ for kumo cloud®	PAC-WHS01HC-E
	Procon BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
Remote Sensor	Thermostat Interface for 3rd Party Thermostats	PAC-US445CN-1
	Flush Mount Remote Temperature Sensor for SEZ, SLZ, SVZ and all P-Series models	PAC-USSEN002-FM-1
Terminal Signal Adapter	Wall Mount Remote Temperature Sensor	PAC-SE41TS-E
	CN105 Adapter for older models without a CN105 connector	PAC-IT52AD-E
Wired Remote Controller	CN105 Wire Harness Adapter for CN51	PAC-IT51AD-E
	Simple Ductless Wired Remote Controller	PAC-SDW01RC-1
	Simple MA Remote Controller	PAC-YT53CRAU-J
	Smart ME Remote Controller	PAR-U01MEDU-K
Wireless Remote Controller	Touch MA Wired Remote Controller	PAR-CT01MAU-SB
	kumo touch™ RedLINK™ Wireless Controller & Receiver kit	MHK2
	Universal Wireless MA Handheld Remote Controller	PAR-FL32MA-E
Condensate	Universal Wireless Receiver for PAR-FL32MA-E	PAR-FA32MA-W
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended]	X87-711
	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
Electric Heat Lockout	Sauermann Condensate Pump	SI30-230
Electric Kit Heats	Electric Heat Lockout	ETC-211020-MIT
	10kW Electric Heater	EH10-MPA-LB
	15kW Electric Heater	EH15-MPAS-LB
Lineset	17kW Electric Heater	EH17-MPAS-LB
		Lineset 3/8x5/8

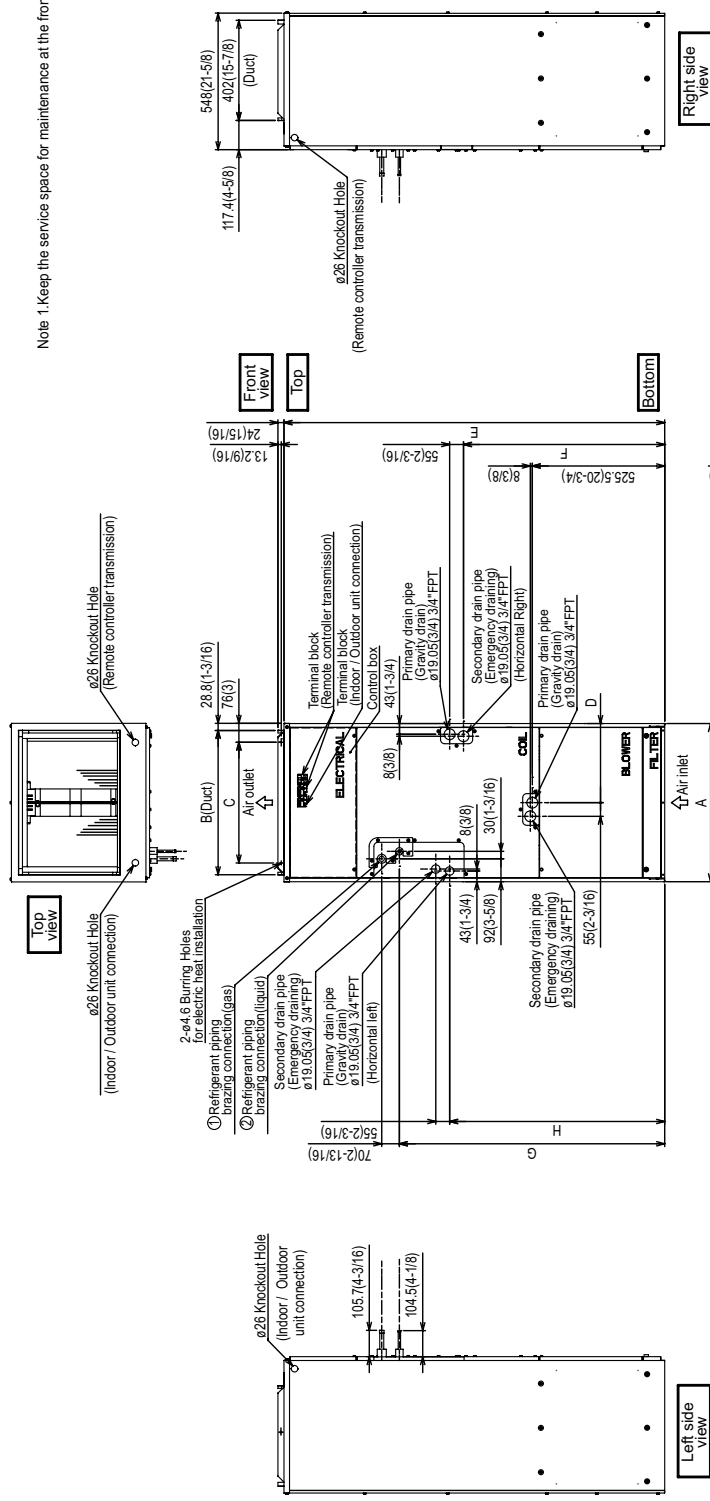
NOTES:

**High efficiency filter requires use of multi-function casement: PAC-SJ41TM-E

INDOOR UNIT DIMENSIONS: PVFY-P54NAMU-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)	578×402 (22-13/16×15-7/8)
PVFY-P30NAMU-E1	508×406.4×25.4 (20×16×1)	578×402 (22-13/16×15-7/8)
PVFY-P36NAMU-E1	508×406.4×25.4 (20×16×1)	578×402 (22-13/16×15-7/8)
PVFY-P48NAMU-E1	508×406.4×25.4 (20×16×1)	578×402 (22-13/16×15-7/8)
PVFY-P54NAMU-E1	508×406.4×25.4 (20×16×1)	578×402 (22-13/16×15-7/8)

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	$\phi 12.7$	$\phi 6.35$
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	$\phi 15.88$	$\phi 9.52$
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)		

1340 Satellite Boulevard Suwanee, GA 30024
 Toll Free: 800-433-4822 www.mehvac.com

