

PVFY-L54NAMU-A

54,000 BTU/H MULTI-POSITION AIR HANDLER INDOOR UNIT



Job Name:

System Reference:

Date:



GENERAL FEATURES

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

Specifications			System
Unit Type			PVFY-L54NAMU-A
Cooling Capacity (Nominal) ^{1,3}	Cooling Capacity (Nominal)	Btu/h	54,000
Heating Capacity (Nominal) ^{2,3}	Heating Capacity (Nominal)	Btu/h	60,000
Electrical	Voltage, Phase, Frequency	V AC / V AC, ø, Hz	208 / 230, 1, 60
	Power Consumption Cooling	kW	0.48
	Power Consumption Heating	kW	0.48
	Current Cooling	A	3.90/3.70
	Current Heating	A	3.90/3.70
	MCA	A	5.63
	MOCP	A	15
Indoor Unit	Fan Motor Type		DC Motor
	Fan Motor Output	W	430
	Airflow Rate at Cooling, Dry	CFM	1,040, 1,262, 1,485
	Airflow Rate at Heating, Dry	CFM	1,040, 1,262, 1,485
	Sound Pressure Level [Cooling]	dB (A)	36, 40, 44
	Sound Pressure Level [Heating]	dB (A)	36, 40, 44
	External Static Pressure	in.WG	0.30, 0.50, 0.80
	External Finish Color		High-gloss polyester powder coated
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	25 x 21-5/8 x 59-1/2 [635 x 548 x 1,511]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	26 x 28-3/4 x 63-13/16 [660 x 730 x 1,620]
Refrigerant	Unit Weight	lbs [kg]	172 [78]
	Package Weight	lbs [kg]	198 [90]
Piping	Type		R454B
	Liquid Pipe Size O.D.	inch [mm]	3/8 [9.52]
Drain Pipe	Gas Pipe Size O.D.	inch [mm]	5/8 [15.88]
	Drain Pipe Size O.D.	inch [mm]	3/4 [19.05]

NOTES

¹Cooling at 95°F (Indoor: 80°F DB, 67°F WB // Outdoor: 95°F DB, 75°F WB)

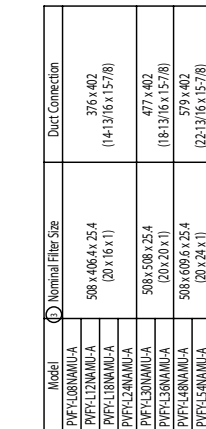
²Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)

³Nominal capacity only. Actual capacity output varies based on the system-specific configuration.

INDOOR UNIT ACCESSORIES: PVFY-L54NAMU-A

Control Interface	Airzone Wired Blueface Controller Black	AZZBSBLUEZEROCN
	Airzone Wired Blueface Controller White	AZZBSBLUEZEROCB
	Airzone Wired Lite Controller White	AZZBSLITECB
	Airzone Wireless Lite Controller White	AZZBSLITERB
	Airzone Wireless Think Controller Black	AZZBSTHINKRN
	Airzone Wireless Think Controller White	AZZBSTHINKRB
	IT Extender for kumo station	PAC-WHS01IE-E
	kumo station for the Comfort app	PAC-WHS01HC-E
	Procon BACnet and Modbus Interface	PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	PAC-US445CN-1
	Wireless Interface Adapter for the Comfort app	PAC-USWHS002-WF-2
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models	PAC-USSEN002-FM-1
	Wall Mount Remote Temperature Sensor	PAC-SE41TS-E
	Wireless temperature and humidity sensor for the Comfort app	PAC-USWHS003-TH-1
Lineset	15 x 3/8 x 15 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-15
	30 x 3/8 x 30 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-30
	50 x 3/8 x 50 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-50
	65 x 3/8 x 65 x 5/8 Lineset Twin-Tube Insulation	MPLS385812T-65
Condensate	Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V 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 120000 BTUH	COMBI
	Sauermann Condensate Pump	SI30-230
Electric Kit Heats	10kW Electric Heater	EH10-MPA-LB
	15kW Electric Heater	EH15-MPAS-LB
	17kW Electric Heater	EH17-MPAS-LB
Power Supplies & Auxiliary Components	3-Pin Wiring Harness	PAC-715AD
	5-Pin Wiring Harness	PAC-725AD
Electric Heat Lockout	Electric Heat Lockout	ETC-211020-MIT
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	RCMKP1CB
	RedLINK Wireless Remote Controller	MHK2
	Universal Wireless MA Handheld Remote Controller	PAR-FL32MA-E
	Universal Wireless Receiver for PAR-FL32MA-E	PAR-FA32MA-W
Wired Remote Controller	Deluxe Wired MA Remote Controller	PAR-42MAAUB
	Simple Direct Wired Remote Controller	PAC-SDW01RC-1
	Simple MA Remote Controller	PAC-YT53CRAU-J
	Touch MA Wired Remote Controller	PAR-CT01MAU-SB
Control Wire	202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel	CW2042S2-100
	202PR shielded 1PR plenum wire for Airzone 500 ft reel	CW2042S2-500
Power Supplies and Auxiliary Components	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	CN24RELAY-KIT-CM3
NOTES		

METUS 2025-06 PROPIN



Model	A	B	C	D	E	F	G	H	J	Gas Pipe	Liquid Pipe
PVF-1.08MANU-A											
PVF-1.12MANU-A											
PVF-1.18MANU-A	432 (17)	376 (14-13/16)	281 (11-1/8)	224 (8-7/8)	1275 (50-1/4)	680 (26-3/16)	823 (32-7/16)	735.5 (29)	360 (14-3/16)	127 (1/2)	6.35 (1/4)
PVF-1.26MANU-A											
PVF-1.30MANU-A	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)		
PVF-1.56MANU-A											
PVF-1.68MANU-A	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)	1033 (41-1/2)	853.5 (33-5/8)	503 (22-3/16)		
										1588 (5/8)	9.52 (3/8)

