

Model: PVFY-P54E00A

Manufactured for MITSUBISHI ELECTRIC & ELECTRONICS USA

Job Name: _____

Location: _____

Drawing Reference: _____

Schedule No. _____

System No.: _____

Date: _____

GENERAL FEATURES

- Concealed air handler can be operated in a vertical or horizontal left airflow position
- Designed specifically for use with CITY MULTI® outdoor units
- Ideal for installations in closets, attics, or equipment rooms where space is limited
- Adjustable blower static pressure: from factory set 0.30"WG to 0.50"WG
- Choice of three fan speeds for optimum comfort
- Highly efficient DC motor and a forward curved blower ensures quiet, consistent CFM operation
- Plug-in connection for auxiliary heat with optional relay kit
- Control board includes a condensate overflow switch connection
- Pre-painted heavy-gauge steel cabinets with 1" insulation feature an R-4.2 insulation value



External Dimensions

Inches.....58-3/4 H x 24-1/2 W x 21-3/4 D
mm.....1,492 H x 622 W x 552 D

Net Weight

Unit.....168 lbs. / 76 kg

Coil Type.....Cross Fin
(Aluminum Plate Fin and Copper Tube)

Fan

Type x Quantity.....Forward Curved Blower x 1
Airflow Rate (Low - Mid - High)
@ 0.30"WG.....1,114 - 1,426 - 1,576 CFM
@ 0.50"WG.....1,360 - 1,497 - 1,570 CFM

External Static Pressure

In. WG.....0.30 / 0.50 (Selectable)

Motor Type.....High Efficiency DC Motor

Refrigerant Piping Dimensions

Liquid (High Pressure).....3/8" / 9.52 mm (Brazed)
Gas (Low Pressure).....5/8" / 15.88 mm (Brazed)

Drain Connections

Primary and Secondary.....FPT 3/4" / 19.05 mm

SPECIFICATIONS

Capacity*

Cooling.....54,000 Btu/h
Heating.....60,000 Btu/h

Power

Power Source.....208 / 230V, 1-phase, 60Hz

Power Consumption

Cooling.....0.410 / 0.410 kW
Heating.....0.410 / 0.410 kW

Current

Cooling.....2.83 / 2.51 A
Heating.....2.83 / 2.51 A

Minimum Circuit Ampacity (MCA).....3.53 / 3.14 A

Maximum Overcurrent Protection (MOCP) Fuse.....15 A

External Finish.....Pre-painted heavy-gauge steel

OPTIONS

- ☐ External Heat Adapter.....PAC-YU25HT-F
- ☐ CN24 Relay Kit.....CN24RELAY-KIT-CM

* 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, Outdoor 95°F (35°C) DB

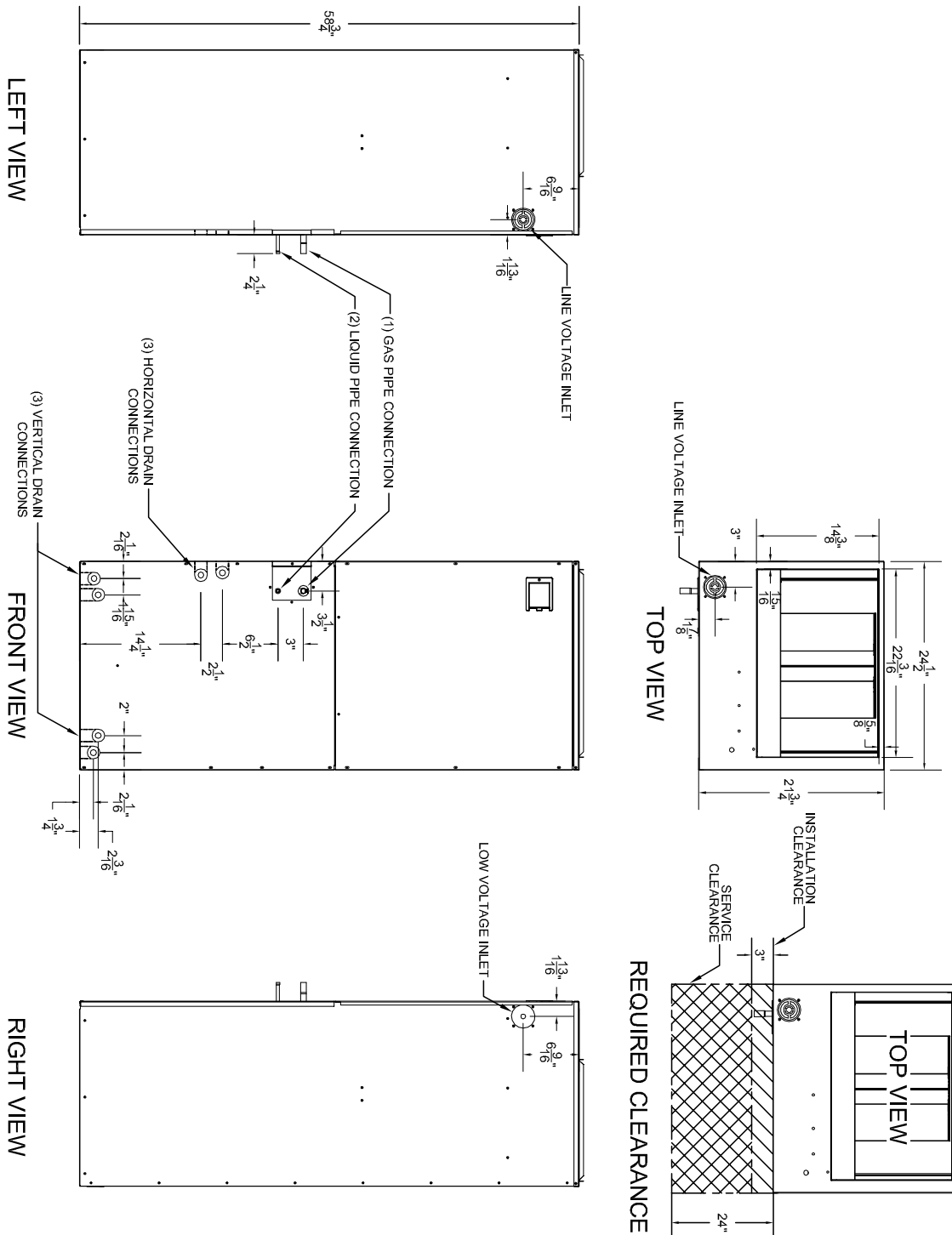
Heating: Indoor 70°F (21°C) DB, Outdoor 47°F (8°C) DB / 43°F (6°C) WB

Note: Ventilation air: Providing sufficient ventilation air is an important part of every building design. ASHRAE Standard 62 provides the minimum ventilation air requirement. Also, check local codes.



Model: PVFY-P54E00A – DIMENSIONS

Model	(1) Gas Pipe <Brazed>	(2) Liquid Pipe <Brazed>	(3) Drain Conn.
PVFY-P48E00A	5/8	3/8	3/4 FPT
PVFY-P54E00A	5/8	3/8	



Manufactured for MITSUBISHI ELECTRIC & ELECTRONICS

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Specifications are subject to change without notice.

