

MVAM054ME2AA

Med. Static Pressure Duct Indoor Unit
54,000 Btu/h

Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction



Specifications

Performance¹

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

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	1.6 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	1.93 A
Running Current, Heating	1.93 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	160 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	1412 / 1141 / 965
Airflow Rate, m³/h (H/M/L)	2400 / 1938 / 1640
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	47 / 44 / 41
--------------------------	--------------

Dimensions

Height	9 3/4" (248 mm)
Width	59" (1500 mm)
Depth	27 1/2" (700 mm)
Weight	123.5 lb. (56 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	3/8" Flare
Refrigerant - Vapor	5/8" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from drain outlet
- Low sound levels

Optional Accessories and Controls

- **YR-E16B** Programmable Wired Controller
- **QACT17A** Non-Programmable Wired Controller
- **RE-02** Infrared Signal Receiver
- **YR-HG** Wireless Controller (must use RE-02 IR receiver)
- **UAMFBV59A** Filter Box

Notes

1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

MRV-S
SERIES



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)

54 1/4" x 9 3/8"

Supply Air Opening (Outlet)

54 13/16" x 6 1/2"

