

MVAL042ME2AA

Large 4 Way Cassette Indoor Unit
42,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	42,000 Btu/h
Heating Capacity	47,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampacity (MCA)	0.88 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.40 A
Running Current, Heating	0.40 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	78 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	1194 / 1053 / 941
Airflow Rate, m ³ /h (H/M/L)	2030 / 1790 / 1600

Sound Levels

Sound Power Level, dB(A)	58 / 54 / 50
--------------------------	--------------

Dimensions

Height	11 5/16" (288 mm)
Width	33" (840 mm)
Depth	33" (840 mm)
Weight	73 lb. (33 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	3/8" Flare
Refrigerant - Vapor	5/8" Flare
Condensate Drain Outlet	1 1/4" OD

Features and Benefits

- 4-way airflow with stylish panel design
- Six adjustable louver positions
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-950KB Panel

Optional Accessories and Controls

YR-E16B Programmable Wired Controller

QACT17A Non-Programmable Wired Controller

YR-HBS01 Wireless Remote Controller

YR-HG Wireless Remote Controller

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: inch (mm)

No.	Name
1	Gas flare connection
2	Liquid flare connection
3	Drain outlet
4	Return grille
5	Supply louver
6	Drain pipe
7	Power wire inlet
8	PQ comm. inlet

