

MVAX042ME2AA1

Multi-Position AHU VRF
42,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction



Specifications

Performance¹

Cooling Capacity	42,000 Btu/h
Heating Capacity	46,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit ampacity (MCA)	4.50 A
Maximum Overcurrent Protection	15.0 A
Running Current, Cooling	2.90 A
Running Current, Heating	2.90 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	550 Watts
Number of Speeds	3
Airflow Rate, CFM (H/M/L)	1400 / 1118 / 765
Ext. Static Pressure (Rated Max)	0.9"

Sound Levels

Sound Power Level, dB(A)	54 / 52 / 49
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Dimensions

Net Height	53" (1346 mm)
Net Width	21" (533 mm)
Net Depth	21" (533 mm)
Pack Weight	194 lb. (88 kg)
Net weight	163 lb. (74 kg)

Piping

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

Features and Benefits

- Completely adaptable frame for Up/Downflow or Horizontal Left/Right Installation
- Reduced cabinet air leakage at <1.4% at 0.4in ESP
- Featuring a 3 Speed ECM Motor for enhanced efficiency, control, and quiet operation
- Installation made easy with a cabinet depth of only 21 in.
- Supports 3rd iteration of GE Appliances Wireless Communications

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)

YCZ-A004, HC-LA1CDBT, UACT32A Central Controller

UAZEHO5A/08A/10A/15A/20A Electric Heating Kit

Notes

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 75°F (23.89) WB

Heating Indoor: 70°F (21.1°C) DB 60°F (15.55) WB

Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB

1. Refer to installation manual for complete installation requirements.
2. Unit ships charged with dry nitrogen.
3. Contact your local representative for further info.



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)
Supply Air Opening (Outlet)

20 *11 2/3 inch
16 1/3*15 6/7 inch

