

### MVAL012MV2AA

MRV S Large 4 Way Cassette Indoor Unit  
12,000 Btu/h



Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Date: \_\_\_\_\_

Tag: \_\_\_\_\_

Reference

Approval

Construction

### Specifications

#### Performance<sup>1</sup>

|                  |              |
|------------------|--------------|
| Cooling Capacity | 12,000 Btu/h |
| Heating Capacity | 13,500 Btu/h |

#### Electrical

|                                |                  |
|--------------------------------|------------------|
| Voltage (V / Ø / Hz)           | 208-230 / 1 / 60 |
| Minimum Circuit Ampcity (MCA)  | 0.39 A           |
| Maximum Overcurrent Protection | 15 A             |
| Running Current, Cooling       | 0.52 A           |
| Running Current, Heating       | 0.52 A           |

#### Fan

|                                         |                    |
|-----------------------------------------|--------------------|
| Type                                    | Single Turbo       |
| Motor Type                              | BLDC               |
| Motor Output                            | 22 Watts           |
| Number of Speeds                        | 3 + Auto           |
| Airflow Rate, CFM (H/M/L)               | 1000 / 810 / 620   |
| Airflow Rate, m <sup>3</sup> /h (H/M/L) | 1699 / 1376 / 1053 |

#### Sound Levels

|                          |              |
|--------------------------|--------------|
| Sound Power Level, dB(A) | 30 / 27 / 25 |
|--------------------------|--------------|

#### Dimensions

|        |                    |
|--------|--------------------|
| Height | 7 3/16" (183 mm)   |
| Width  | 33 1/16" (840 mm)  |
| Depth  | 33 1/16" (840 mm)  |
| Weight | 76.1 lb. (34.5 kg) |

#### Piping

|                         |            |
|-------------------------|------------|
| Refrigerant Type        | R410A      |
| Refrigerant - Liquid    | 1/4" Flare |
| Refrigerant - Vapor     | 1/2" Flare |
| Condensate Drain Outlet | 1" 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-950KC** 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.

**MRV-S**  
SERIES



### Dimensional Drawings

Dimensions: inch (mm)

| Code | 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          |

