

Job Name \_\_\_\_\_  
Purchaser \_\_\_\_\_  
Submitted to \_\_\_\_\_  
Unit Designation \_\_\_\_\_

Location \_\_\_\_\_  
Engineer \_\_\_\_\_  
Reference ☐ Approval ☐ Construction ☐  
Schedule # \_\_\_\_\_

## Specifications

|                    |                                                     |                   |                                              |
|--------------------|-----------------------------------------------------|-------------------|----------------------------------------------|
| Performance        | Nominal Capacity <sup>1</sup>                       | Cooling (Btu/h)   | 24,000                                       |
|                    |                                                     | Heating (Btu/h)   | 27,000                                       |
| Power              | Voltage (ø / V / Hz)                                |                   | 1 / 208-230 / 60                             |
|                    | Nominal Running Current (A)                         |                   | 0.53                                         |
|                    | MCA                                                 |                   | 0.7                                          |
|                    | MOP                                                 |                   | 15                                           |
| Fan                | Type                                                |                   | Sirocco                                      |
|                    | Motor                                               | Type              | BLDC                                         |
|                    |                                                     | Output (W)        | 50 X 1                                       |
| Airflow            | CFM (UL)                                            | L/M/H             | 390 / 495 / 550                              |
| Refrigerant        | Type                                                |                   | R410A                                        |
|                    | Control Method                                      |                   | Electronic Expansion Valve                   |
| Piping Connections | Liquid (flare)                                      | Inches            | 3/8                                          |
|                    | Suction (flare)                                     | Inches            | 5/8                                          |
|                    | Drain                                               | Inches            | ID 11/16                                     |
| Unit Dimensions    | W X H X D                                           | Inches            | 48 1/4 X 23 9/16 X 8 5/8                     |
|                    | Weight                                              | lbs.              | 62.8                                         |
|                    | Supply air outlet                                   | Inches            | 5 1/2 X 38 5/8                               |
| Sound Level        | L/M/H                                               | dB                | 32 / 36 / 40                                 |
| Accessories        | External Temperature Sensor                         |                   | <input type="checkbox"/> MRW-TA              |
|                    | External Contact Control                            |                   | <input type="checkbox"/> MIM-B14             |
|                    | Wireless Signal Receiver                            |                   | <input type="checkbox"/> MRK-A10N            |
|                    | Wireless Controller                                 |                   | <input type="checkbox"/> AR-EH03U            |
|                    | Condensate                                          | Aspen Mini Orange | <input type="checkbox"/> ASP-MO-UNIV 110-250 |
|                    | Pump                                                | Blue Diamond      | <input type="checkbox"/> BD-BLUE230          |
|                    | CN83 Pigtail (for external float switch connection) |                   | <input type="checkbox"/> DB39-01263A         |



• Compatible with Samsung DVM S, DVM S Water, and DVM Eco systems (AM\*\*\*\*\*/AA).

• The indoor unit shall be the concealed type (no finished panel or cabinet)

• Electro-static, washable, pleated filters as standard (included with unit)

• High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.

### Construction

The unit shall have a galvanized steel frame

### Heat Exchanger

The heat exchanger shall be mechanically bonded fin to copper tube

### Indoor Fan

Indoor fan is sirocco type

Three fan speed settings and auto setting

### Controls

The unit shall be operated via a wireless or wired remote control with DDC type signal

The unit shall integrate with the Samsung NASA Controls Network Solution

Controls shall integrate with a BMS system

Control wiring shall be 2 X 16 AWG shielded wire

### Safety Certifications

ETL (UL 1995)

<sup>1</sup> Nominal cooling capacities are based on: Indoor temperature: 80 °F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.

Nominal heating capacities are based on: Indoor temperature: 70 °F DB, 60°F WB. Outdoor temperature: 47°F DB, 43°F WB.

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

