

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

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

**Specifications**

|                       |                                             |                   |                                              |
|-----------------------|---------------------------------------------|-------------------|----------------------------------------------|
| Performance           | Nominal Capacity <sup>1</sup>               | Cooling (Btu/h)   | 31,700                                       |
|                       |                                             | Heating (Btu/h)   | 33,400                                       |
| Power                 | Voltage (ø/V/Hz)                            |                   | 1 / 208-230 / 60                             |
|                       | Nominal Running Current (cooling / heating) |                   | 0.47A / 0.54 A                               |
|                       | MCA                                         |                   | 0.7                                          |
|                       | MOP                                         |                   | 15                                           |
| Fan                   | Type                                        |                   | Crossflow                                    |
|                       | Motor                                       | Type              | BLDC (1)                                     |
|                       |                                             | Output (W)        | 76                                           |
| Airflow               | CFM (UL)                                    | H/M/L             | 812 / 706 / 600                              |
| 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 Hose                                |
| Unit Dimensions       | W X H X D                                   | Inches            | 50 3/8 X 13 9/16 X 9 15/16                   |
|                       | Weight                                      | lbs.              | 40.8                                         |
| Sound Level           | L / M / H                                   | dB                | 42 / 46 / 49                                 |
| Accessories           | External Contact Control                    |                   | <input type="checkbox"/> MIM-B14             |
|                       | Condensate Pump                             | Aspen Mini Orange | <input type="checkbox"/> ASP-MO-UNIV 110-250 |
|                       |                                             | Blue Diamond      | <input type="checkbox"/> BD-BLUE230          |
|                       | External Temperature Sensor                 |                   | <input type="checkbox"/> MRW-TA              |
| Safety Certifications |                                             |                   | ETL (UL 1995)                                |



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

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

• The unit shall have LED indicator lights, IR receiver, and 1 motorized louver

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

**Construction**

HIPS chassis certified to UL94 V0 with galvanized steel mounting bracket

**Heat Exchanger**

The heat exchanger shall be mechanically bonded fin to copper tube

**Indoor Fan**

Indoor fan is a single, antibacterial, crossflow type

Three fan speed settings and auto setting

**Controls**

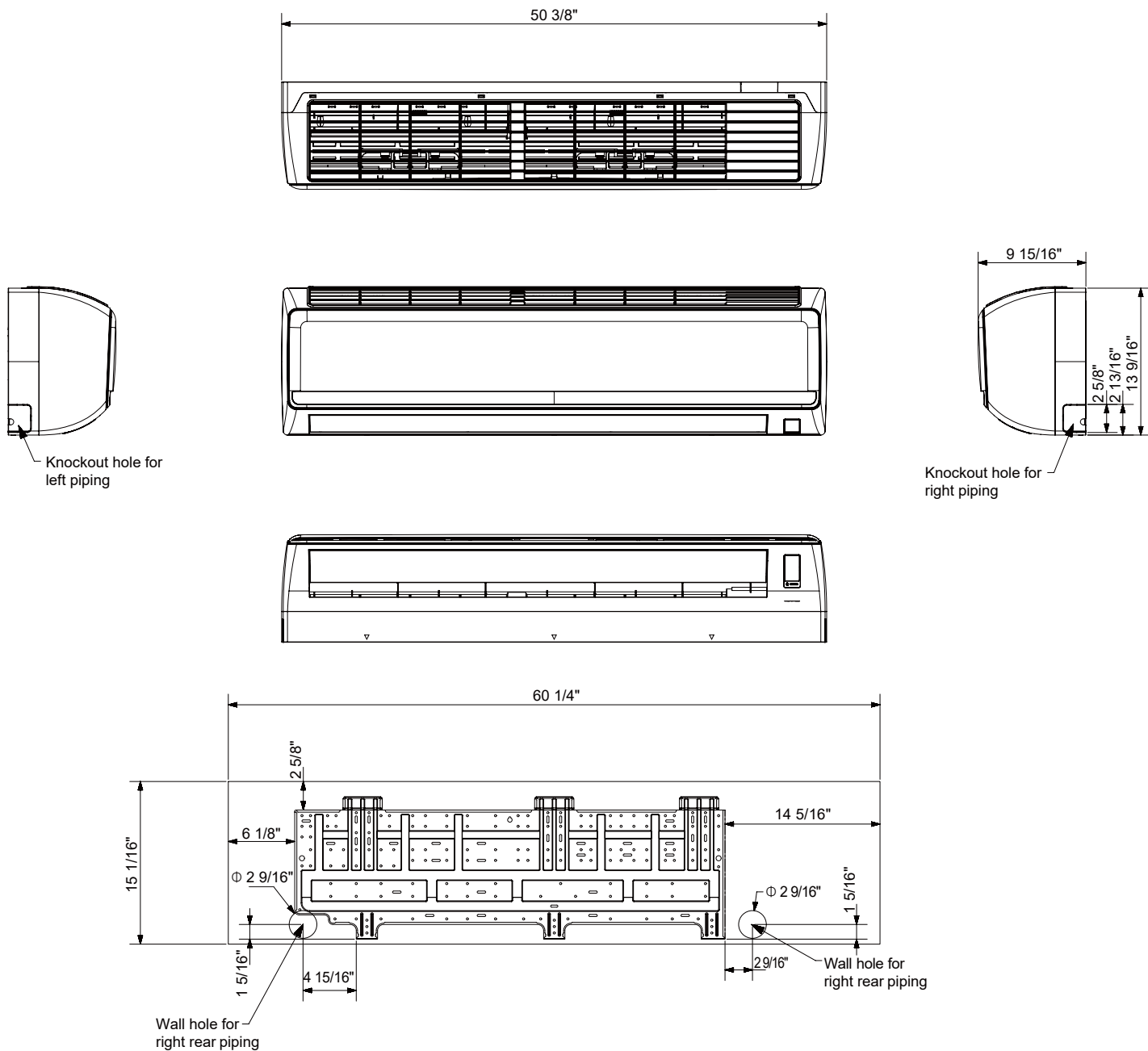
The unit shall be operated via a wireless or wired remote control with DDC type signal

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

<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.



| No. | Name                                        | Description    |
|-----|---------------------------------------------|----------------|
| 1   | Liquid pipe connection                      | 3/8"           |
| 2   | Gas pipe connection                         | 5/8"           |
| 3   | Drain pipe connection                       | ID 11/16" Hose |
| 4   | Power supply & Communication wiring conduit | -              |

