

# SUBMITTAL DATA – WALL MOUNTED MWPD015S6S-1P – MWMD015S6-1P

## SINGLE ZONE MINI-SPLIT HEAT PUMP

|                            |                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Job:</b>                | <b>Engineer:</b>                                                                                                                                       |
| <b>Location:</b>           | <b>Architect:</b>                                                                                                                                      |
| <b>Schedule No.:</b>       | <b>Date:</b>                                                                                                                                           |
| <b>System Designation:</b> | <b>For:</b> <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Review <input type="checkbox"/> Construction |

### FEATURES

- The indoor unit shall feature WindFree™\* mode. When activated in cooling mode the unit will close its louver and will disperse air into the space through thousands of micro-holes on the front of the indoor unit preventing cold air drafts on occupants.
- The system shall have a built-in Wi-Fi adapter as standard to allow control and monitoring using the Samsung SmartThings app.
- Outdoor unit shall provide 208/230V power to the indoor unit via 14 AWG X 3 interconnect power cable.
- Built-in motion sensor for airflow direction control and energy saving operation.
- Eco Mode to reduce energy consumption during low demand operation
- Smart install mode - Startup system diagnostics operation to ensure system readiness during initial operation
- Auto restart after power loss
- Other Features and functions: Auto changeover, Auto Clean Function, Freeze Wash Function, MAX mode to quickly reach set temperature, Good'sleep mode, Quiet mode, Dry mode, Simple ON/OFF time function (activated with wireless controller), Filter cleaning reminder

#### Construction

- Indoor unit chassis shall be UL94 V0 with a galvanized steel mounting bracket
- The indoor unit shall have easy access to wire, pipe, and drain connections via the access panel on the bottom of the unit for simple installation and service
- The outdoor unit shall be galvanized steel with a baked-on powder coated finish for durability

#### Heat Exchanger

- The heat exchangers shall be mechanically bonded fin to copper tube Refrigerant System
- The system shall utilize low-GWP R-32 refrigerant
- The compressor shall be hermetically sealed, inverter controlled, BLDC Rotary
- Refrigerant flow shall be controlled by an electronic expansion valve at the outdoor unit

#### Indoor Fan

- The indoor fan shall be a single cross-flow type
- Three fan speed settings and auto setting
- Automatic (motorized) vertical swing (up/down) and horizontal swing (left/right) louvers

#### Controls

- The indoor unit shall ship with a rechargeable, solar-cell wireless controller and holder. The wireless controller battery shall be charged with a USB C cable or the integral solar panel.
- The included wireless controller shall have a pixel display that is visible in low light conditions.
- Dual set temperature support when connected to supported wired controllers.
- The indoor unit shall include an integral humidity sensor for improved humidity control functions.
- The indoor unit shall have a simple connection for condensate overflow detection devices or any normally closed contact for simple unit shutdown.
- Samsung central control compatible (accessory required)
- Interconnect control wire between the outdoor and indoor unit shall be 16AWG X 2

#### External Heat Control

- External heat control functionality allows for configuration of fan operation during auxiliary heat operation, defrost, and emergency heat (VSTAT10P-1 accessory required).
- External heat control configuration settings includes outside ambient external heat lockout, outside ambient compressor lockout, and time delay options (VSTAT10P-1 accessory required).
- Emergency heat functionality allows the system to continue controlling the external heat source even when system errors prevent the heat pump from operating (VSTAT10P-1 accessory required).

#### Convenience

- 7-segment digital display on the front of the unit to display temperature and unit status
- Washable main filter as standard accessible from the top of the unit
- System energy consumption can be viewed using the Samsung SmartThings mobile app or on the indoor unit display using the included wireless controller (conditions apply).
- AI (artificial intelligence) Auto Mode technology monitors factors such as indoor temperature, outdoor temperature, set temperature, and operating time to learn the patterns within your home to automatically adjust system operation to maximize occupant comfort and efficiency (Wi-Fi connection required).
- AI Energy mode technology enhances energy saving operation using advanced compressor control techniques

NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings, and Dimensions are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.



Outdoor Unit: MWPD015S6S-1P



Indoor Unit: MWMD015S6-1P

### PRODUCT WARRANTY

Compressor – Twelve year limited warranty\*  
All other covered components - Twelve year limited warranty\*

\*Product registration required

### ACCESSORIES

|                                                    |       |
|----------------------------------------------------|-------|
| VSTAT02P-1 Touch Screen Wired Controller*          | 37P79 |
| VSTAT04P-1 Programmable Wired Controller*          | 37Y74 |
| VSTAT09P-1 24V Thermostat Adapter                  | 37Y96 |
| VSTAT06P-1 Wall Mnt Mini-Splt Wired Cntrlr Sub PCB | 37Y83 |
| VCTRL06P-1 Interface Module Comm Adaptor ERV Kits  | 37Y82 |
| VCTRL11P-1 External Room Temp. Sensor              | 37Y77 |
| VSTAT10P-1 External Contact Control                | 37Y69 |

\*VSTAT06P-1 (37Y83) is REQUIRED with the selection of this accessory

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## SINGLE ZONE MINI-SPLIT HEAT PUMP

### SPECIFICATIONS

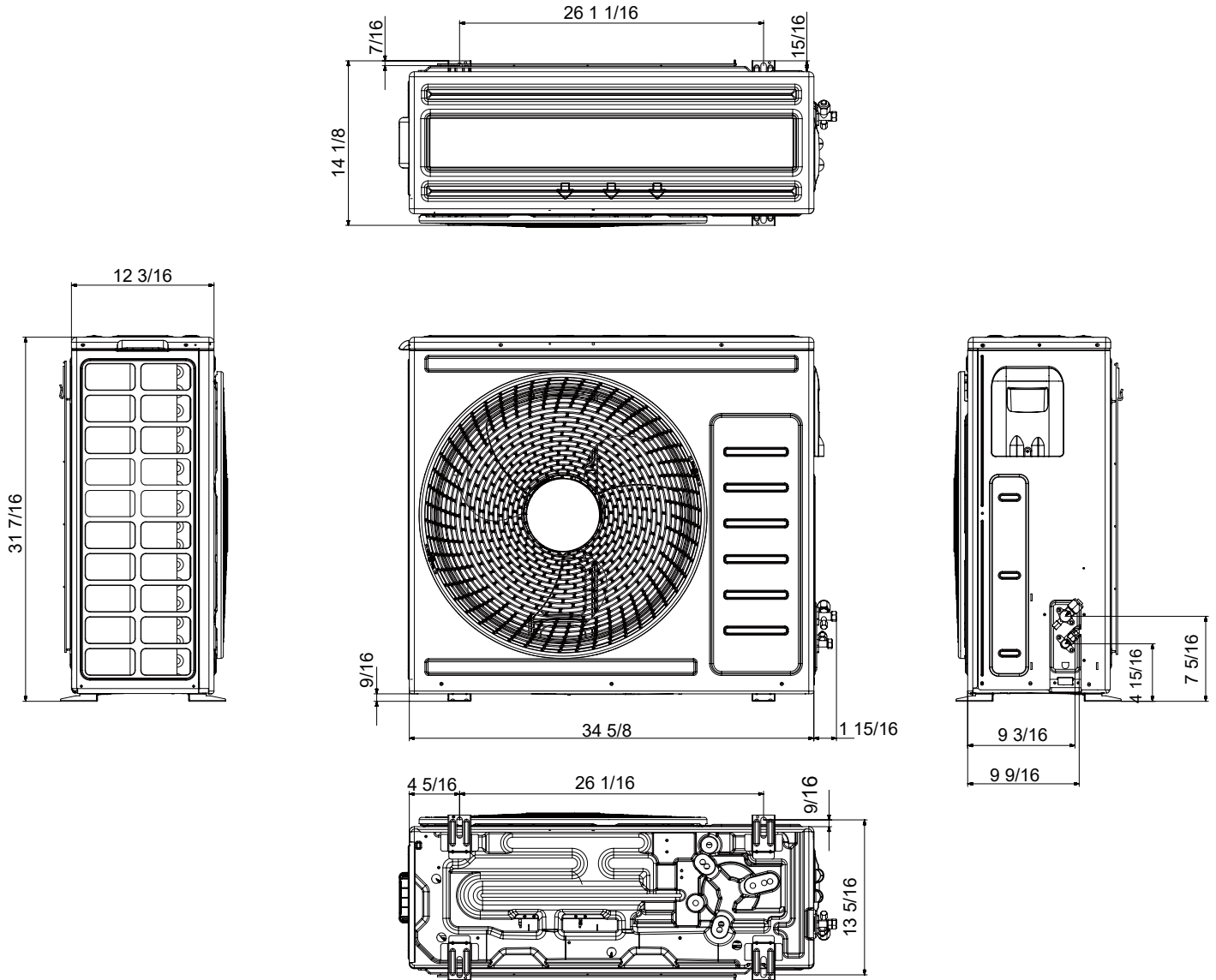
|                        |                                               |                           |                                   |
|------------------------|-----------------------------------------------|---------------------------|-----------------------------------|
| Performance            | Nominal Capacity                              | Cooling / Heating (Btu/h) | 15,000 / 15,000                   |
|                        | Capacity Range                                | Cooling (Btu/h)           | 4,500 - 22,000                    |
|                        |                                               | Heating (Btu/h)           | 4,500 - 35,000                    |
|                        | AHRI 210-240 2023                             | SEER2                     | 23.00                             |
|                        |                                               | EER2                      | 14.55                             |
|                        |                                               | HSPF2 (region IV)         | 11.00                             |
|                        |                                               | 5°F COP                   | 2.50                              |
| Power                  | Voltage                                       | ø / V / Hz                | 1 / 208-230 / 60                  |
|                        | Working Voltage Range (VAC)                   |                           | 187 - 253                         |
|                        | Operating Current<br>(min. / standard / max.) | Cooling (A)               | 1.7 / 4.8 / 8.6                   |
|                        |                                               | Heating (A)               | 1.6 / 4.3 / 15.5                  |
|                        | Max. Breaker                                  | Amps                      | 25.0                              |
|                        | Min. Circuit Ampacity                         | Amps                      | 16.0                              |
| Dimensions             | W X H X D (in.)                               | Indoor Unit               | 41 9/16 X 11 3/4 X 8 7/16         |
|                        |                                               | Outdoor Unit              | 34 5/8 X 31 7/16 X 12 3/16        |
|                        | Weight (lbs.)                                 | Indoor Unit               | 27.30                             |
|                        |                                               | Outdoor Unit              | 108.00                            |
| Sound Pressure Level   | Indoor Unit dB(A)                             | Silent / High             | 25 / 41                           |
|                        | Outdoor Unit dB(A)                            | Cooling (high)            | 48                                |
| Operating Temperatures | Outdoor                                       | Cooling                   | 14 - 115°F (-10 - 46°C)           |
|                        |                                               | Heating                   | -5 - 75°F (-20.6 - 24°C)          |
|                        | Indoor                                        | Cooling                   | 64 ~ 90°F (16 ~ 32°C)             |
|                        |                                               | Heating                   | T ≤ 86°F (30°C)                   |
| Pipe Connections       | Indoor & Outdoor                              | High side (In.)           | 1/4                               |
|                        |                                               | Low side (In.)            | 1/2                               |
|                        | Maximum (ft.)                                 |                           | 98                                |
|                        | Maximum Vertical Separation (ft.)             |                           | 66                                |
|                        | Condensate Connection                         |                           | 11/16" OD                         |
| Refrigerant            | Type                                          |                           | R-32                              |
|                        | A2L Leak Detection                            |                           | Not Included                      |
|                        | Factory Charge                                | oz.                       | 52.9                              |
|                        | Charged for                                   |                           | 24.6 ft.                          |
| Compressor             | Type                                          |                           | Inverter Driven, Twin BLDC Rotary |
|                        | RLA                                           | Amps                      | 15.2                              |
| Evaporator Fan         | Type                                          |                           | BLDC motor with cross-flow fan    |
|                        | FLA                                           | Amps                      | 0.12                              |
|                        | Output                                        | Watts                     | 27.0                              |
| Airflow                | Air Volume (L/M/H/Turbo)                      | Cooling (CFM)             | 399 / 466 / 533 / 579             |
|                        |                                               | Heating (CFM)             | 424 / 491 / 554 / 600             |
| Condenser Fan          | Type                                          |                           | BLDC With Axial Type Fan (1)      |
|                        | FLA / Watts / CFM (max.)                      |                           | 1.25 / 125 / 2,013                |

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## OUTDOOR DIMENSIONS IN.



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