

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_

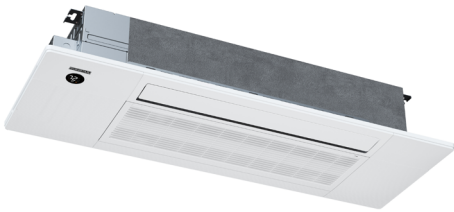
ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_

| Indoor Unit (IDU):<br>DRAL0612F2A                                                 | Outdoor Unit (ODU):<br>DRA1H09S2A                                                  | Wireless Remote Control                                                             |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |

#### PRODUCT FEATURES

- Up to 100% heating capacity at 0°F
- Low ambient heating and cooling down to -22°F
- A2L refrigerant detection system
- Variable speed inverter compressor
- Quiet operation
- Wireless remote control with "Follow Me" technology
- Turbo, ECO, Active Clean, Sleep modes and more
- Humidity control
- Auto restart
- 46°F freeze protection
- Included base pan heater
- Anti-corrosive fin coating
- Compatible with DRSTAT101 wired thermostat
- Grille included

#### CAPACITIES

|                              |                                   |            |
|------------------------------|-----------------------------------|------------|
| Cooling Capacity<br>(BTU/hr) | Rated at 95°F (35°C) <sup>1</sup> | 9000       |
|                              | at 109°F (43°C)                   | 11900      |
|                              | at 5°F (-15°C)                    | 13200      |
|                              | Cooling Range                     | 4000~12900 |
| Heating Capacity<br>(BTU/hr) | Rated at 47°F (8°C) <sup>2</sup>  | 10900      |
|                              | Rated at 17°F (-8°C) <sup>3</sup> | 9000       |
|                              | Rated at 5°F (-15°C) <sup>4</sup> | 10600      |
|                              | at -13°F (-25°C)                  | 6300       |
|                              | at -22°F (-30°C)                  | 5100       |
|                              | Heating Range                     | 3800~13900 |

#### SYSTEM DATA

|                               |                    |
|-------------------------------|--------------------|
| Refrigerant Type              | R-454B             |
| Refrigerant Charge (oz. (kg)) | 35.3 (1.0)         |
| Design Pressure (PSIG)        | 550/340            |
| Indoor/ Outdoor Coil Coating  | Golden Fin Coating |

#### EFFICIENCY DATA

|                                 |      |
|---------------------------------|------|
| SEER2                           | 24.0 |
| EER2                            | 14.6 |
| HSPF2                           | 12.1 |
| COP at 47°F (8°C) <sup>2</sup>  | 3.56 |
| COP at 17°F (-8°C) <sup>3</sup> | 2.45 |
| COP at 5°F (-15°C) <sup>4</sup> | 1.83 |



Specifications are subject to change without notice.

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# 9,000 BTU/H SIRIUS HEAT™ ONE-WAY CASSETTE HEAT PUMP SYSTEM

SPECIFICATIONS

| LINE SET REQUIREMENTS                 |              |
|---------------------------------------|--------------|
| Connection Type                       | Flare        |
| Liquid (in. (mm))                     | Ø1/4 (Ø6.35) |
| Gas (in. (mm))                        | Ø3/8 (Ø9.52) |
| Pre-Charge Length (ft. (m))           | 25 (7.5)     |
| Minimum Length (ft. (m))              | 10 (3.0)     |
| Maximum Length (ft. (m))              | 82 (25.0)    |
| Maximum Height Differential (ft. (m)) | 49 (15.0)    |
| Additional Refrigerant (oz./ft (g/m)) | 0.16 (15)    |

| OUTDOOR UNIT                                |                       |                |
|---------------------------------------------|-----------------------|----------------|
| Unit Dimensions                             | Width                 | 31-11/16 (805) |
|                                             | Depth                 | 13 (330)       |
|                                             | Height                | 21-13/16 (554) |
| Carton Dimensions                           | Width                 | 36 (915)       |
|                                             | Depth                 | 14-5/8 (370)   |
|                                             | Height                | 24-1/4 (615)   |
| Net Weight (lbs. (kg))                      | 72.8 (33.0)           |                |
| Gross Weight (lbs. (kg))                    | 78.7 (35.7)           |                |
| Cooling Operating Temp. (°F (°C))           | -22 - 122 (-30 - 50)  |                |
| Heating Operating Temp. (°F (°C))           | -22 - 75 (-30 - 24)   |                |
| Voltage/Phase/Frequency                     | 208-230V, 1 Ph, 60 Hz |                |
| Voltage Range                               | 187-253V              |                |
| Recommended Breaker (Amps)                  | 15                    |                |
| Minimum Circuit Ampacity (Amps)             | 15.0                  |                |
| Communication Wire Size                     | 14*4 AWG Stranded     |                |
| Rated Current - Cooling (Amps) <sup>1</sup> | 4.5                   |                |
| Rated Current - Heating (Amps) <sup>2</sup> | 3.8                   |                |
| Sound Pressure (dB(A))                      | 55                    |                |

<sup>1</sup> Value at AHR1 Rated Capacity at 95°F (35°C) (AFull)

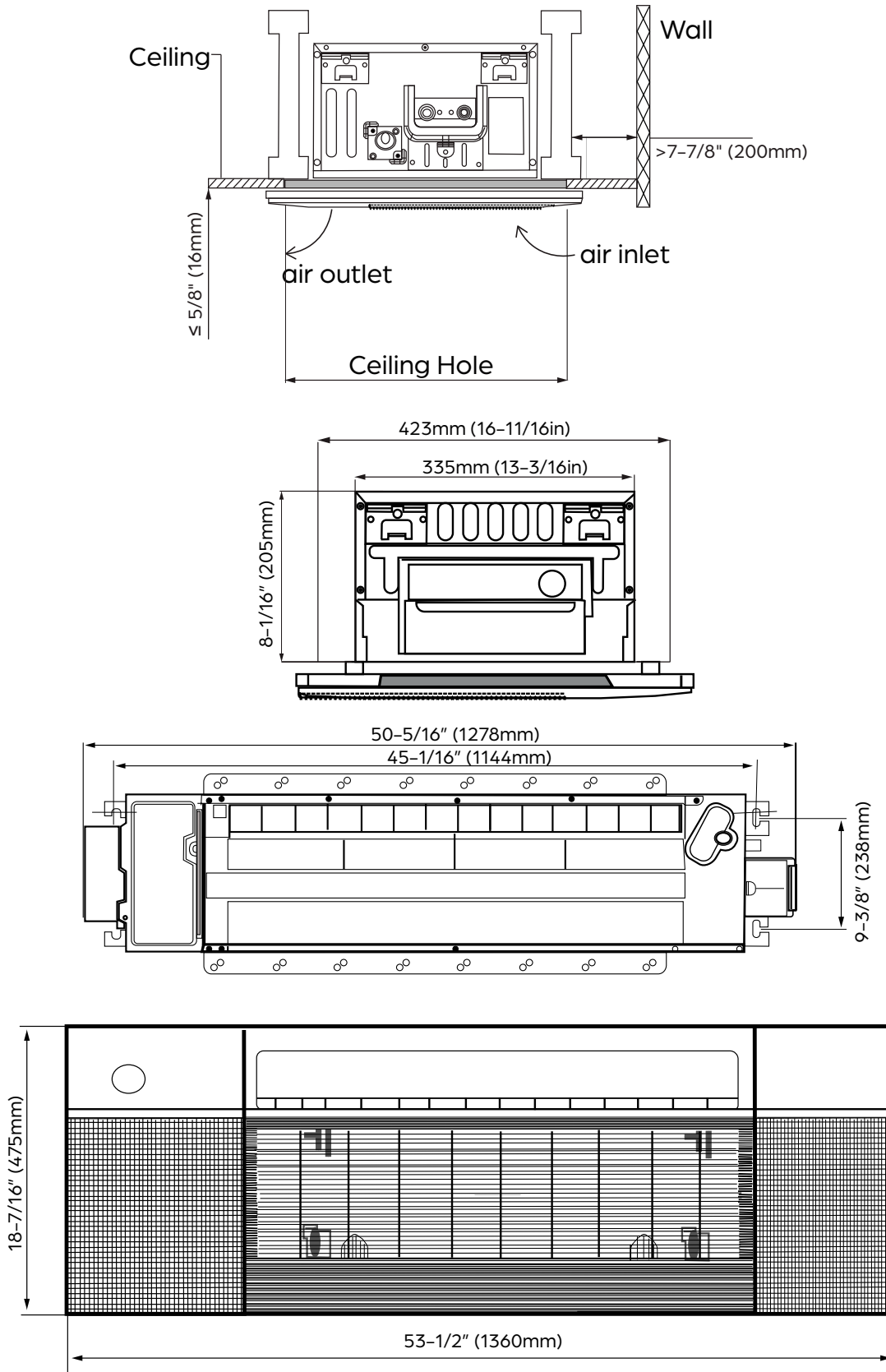
<sup>2</sup> Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

<sup>3</sup> Value at AHR1 Rated Capacity at 17°F (-8°C) (H32)

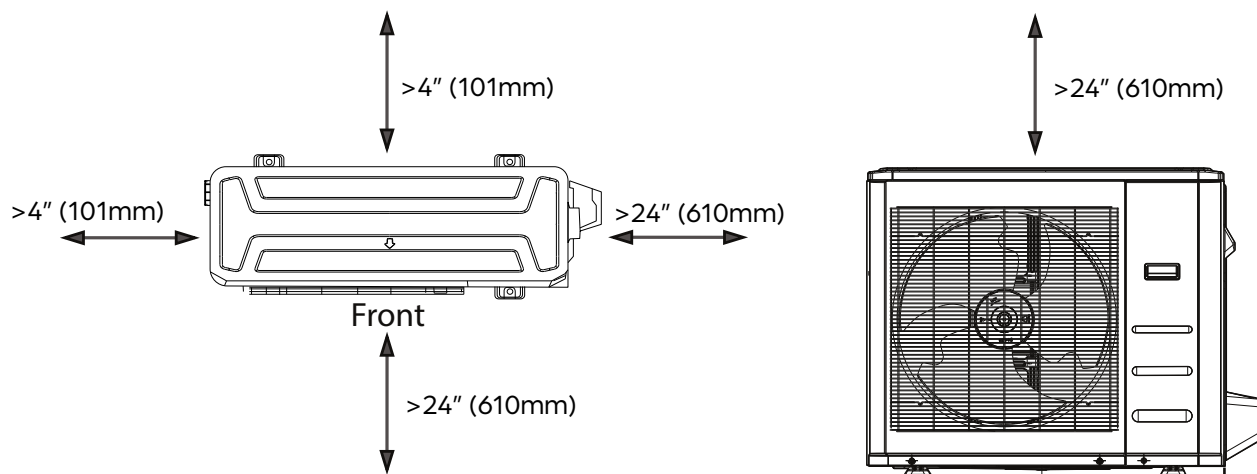
<sup>4</sup> Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

| INDOOR UNIT                               |              |                |
|-------------------------------------------|--------------|----------------|
| Unit Dimensions (in. (mm))                | Width        | 50-5/16 (1278) |
|                                           | Depth        | 13-3/16 (335)  |
|                                           | Height       | 9 (228)        |
| Carton Dimensions (in. (mm))              | Width        | 57-5/8 (1463)  |
|                                           | Depth        | 22-1/2 (571)   |
|                                           | Height       | 22-11/16 (575) |
| Net Weight (lbs. (kg))                    | 45.2 (20.5)  |                |
| Gross Weight (lbs. (kg))                  | 82.5 (37.4)  |                |
| Indoor Unit Air Flow (CFM (m³/h))         | Silent       | 177 (300)      |
|                                           | Low          | 247 (420)      |
|                                           | Medium       | 283 (480)      |
|                                           | High         | 312 (530)      |
|                                           | Turbo        | 353 (600)      |
| Moisture Removal (Pints/day (L/h))        | 50.7 (1.0)   |                |
| Field Supplied Drain Pipe O.D. (in. (mm)) | Ø1 (Ø25)     |                |
| Drain Pump Lift (in. (mm))                | 29-1/2 (750) |                |
| Recommended Breaker (Amps)                | 15           |                |
| Minimum Circuit Ampacity (Amps)           | 3.0          |                |
| Sound Pressure (dB(A))                    | Silent       | 24             |
|                                           | Low          | 33             |
|                                           | Medium       | 36             |
|                                           | High         | 38             |

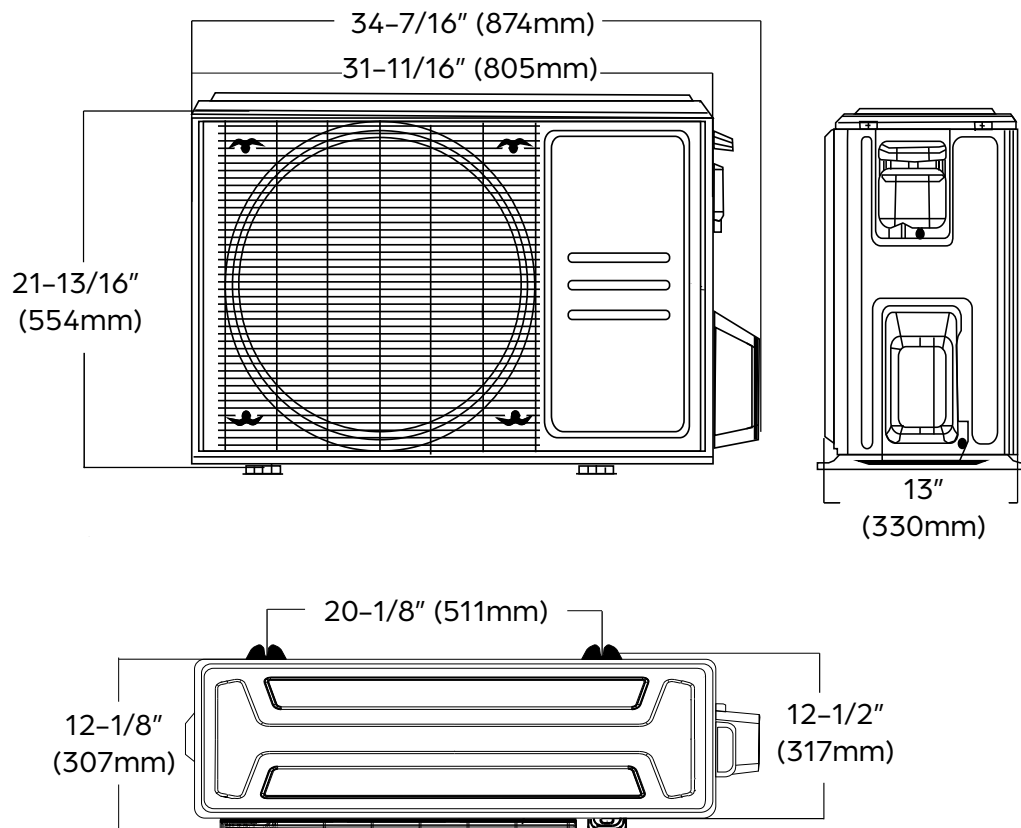
| COMPRESSOR            |                    |
|-----------------------|--------------------|
| Type                  | DC Rotary Inverter |
| Oil Type              | Ester Oil VG74     |
| Oil Charge (oz. (ml)) | 11.8 (350)         |



### Clearances



### Dimensions



#### NOTE

Illustrations in this document are for explanatory purposes. The actual shape of your mini-split equipment may vary slightly.