



# 18,000 BTU/H SINGLE ZONE OUTDOOR UNIT

SUBMITTAL COVER SHEET

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

LOCATION \_\_\_\_\_

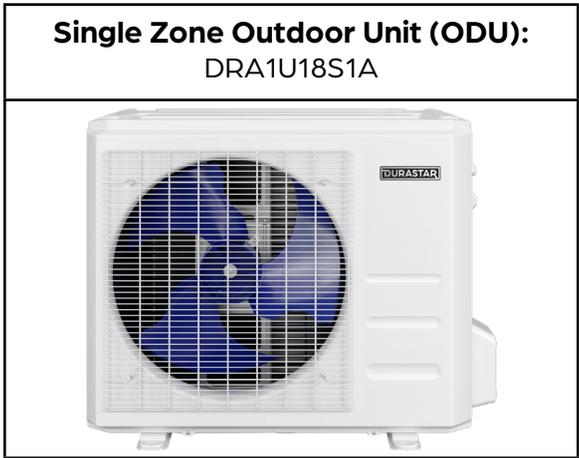
ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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



| CAPACITIES                |                    |       |
|---------------------------|--------------------|-------|
| Cooling Capacity (BTU/hr) | Rated <sup>1</sup> | 18000 |
|                           | Minimum            | 4500  |
|                           | Maximum            | 18500 |
| Heating Capacity (BTU/hr) | Rated <sup>2</sup> | 18000 |
|                           | Minimum            | 4600  |
|                           | Maximum            | 18800 |

| EFFICIENCY DATA |      |
|-----------------|------|
| SEER            | 21.0 |
| EER             | 13.0 |
| HSPF            | 10.5 |

### PRODUCT FEATURES

- Variable Speed Inverter Compressor
- Auto Restart
- Base Pan Heater

| OUTDOOR TEMPERATURE OPERATION |                                     |
|-------------------------------|-------------------------------------|
| Cooling                       | -13 °F - 122 °F<br>(-25 °C - 50 °C) |
| Heating                       | -13 °F - 86 °F<br>(-25 °C - 30 °C)  |

| ELECTRICAL DATA                             |                          |
|---|--------------------------|
| Voltage/Phase/Frequency                     | 208-230V, 1 Phase, 60 Hz |
| Voltage Range                               | 187-253V                 |
| Recommended Breaker (Amps)                  | 20                       |
| Minimum Circuit Ampacity (Amps)             | 15                       |
| Minimum Wire Size                           | 16 AWG                   |
| Rated Current - Cooling (Amps) <sup>1</sup> | 6.1                      |
| Rated Current - Heating (Amps) <sup>2</sup> | 6.82                     |

<sup>1</sup> Measured at 95 °F.  
<sup>2</sup> Measured at 47 °F.





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SPECIFICATIONS - DRA1U18S1A

| SYSTEM DATA              |               |
|--------------------------|---------------|
| Refrigerant Type         | R-410A        |
| Refrigerant Charge (oz.) | 68.8          |
| Oil Type                 | VG74          |
| Oil Charge (oz.)         | 15.2 (450 ml) |
| Design Pressure (PSIG)   | 550/340       |

| LINE SET REQUIREMENTS                                    |                 |
|--|-----------------|
| Connection Type  | Flare           |
| Liquid   | Ø1/4" (Ø6.35mm) |
| Gas  | Ø1/2" (Ø12.7mm) |
| Pre-Charge Length  | 25'             |
| Maximum Length   | 98'             |
| Minimum Length (One Indoor Unit)                         | 10'             |
| Max. Height Differential Between Indoor and Outdoor Unit | 66'             |
| Additional Refrigerant (oz/ft)                           | 0.16            |

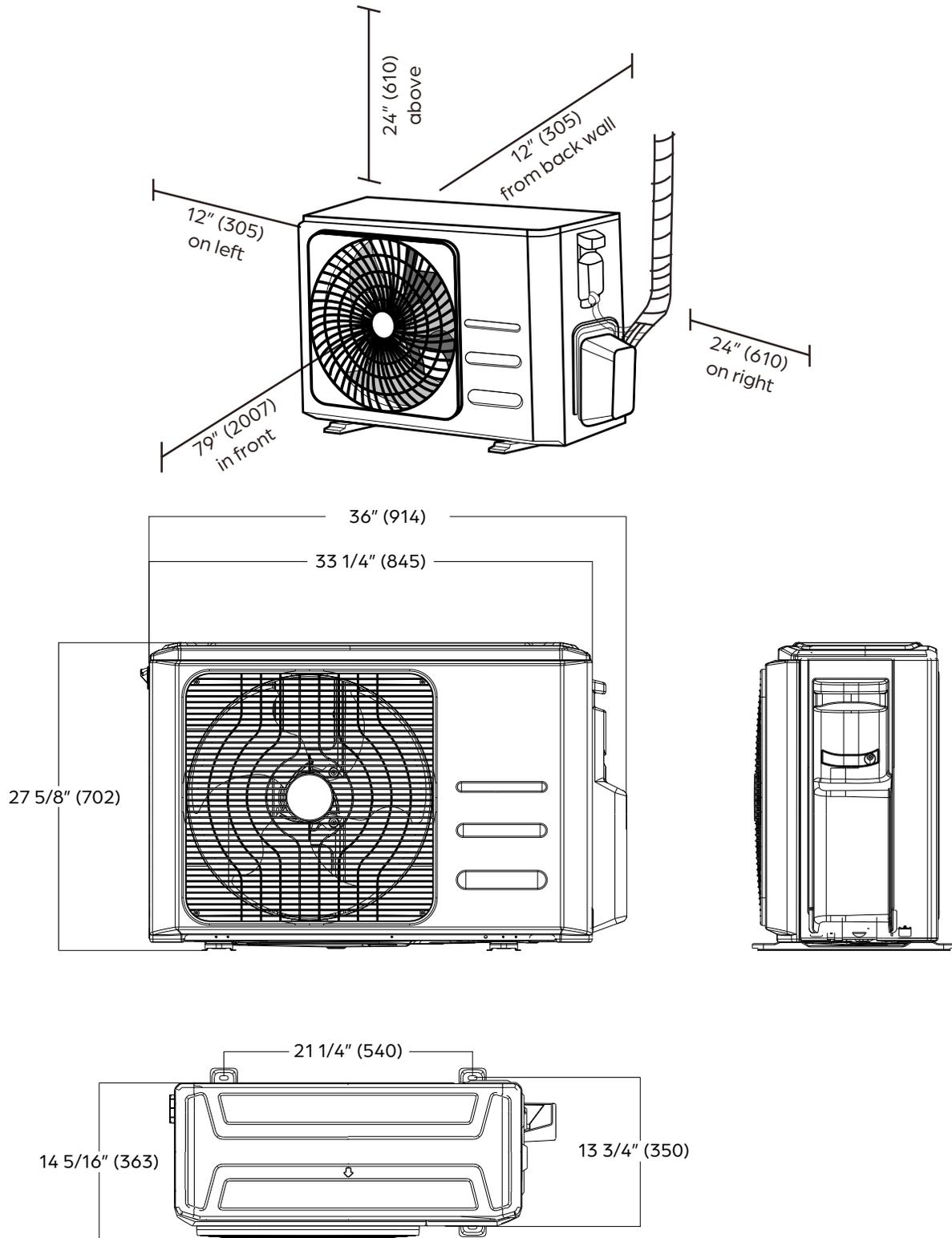
| OUTDOOR UNIT FAN DATA  |      |
|------------------------|------|
| Airflow (CFM)          | 1471 |
| Sound Pressure (dB(A)) | 60   |
| Type                   | DC   |
| RLA (A)                | 0.6  |

| OUTDOOR UNIT DIMENSIONS |            |          |
|-------------------------|------------|----------|
| Unit Dimensions         | Width      | 33 1/4"  |
|                         | Depth      | 14 5/16" |
|                         | Height     | 27 5/8"  |
| Carton Dimensions       | Width      | 38"      |
|                         | Depth      | 15 9/16" |
|                         | Height     | 30 1/2"  |
| Net Weight              | 105.2 lbs. |          |
| Gross Weight            | 112.4 lbs. |          |



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## NOTE

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

Specifications are subject to change without notice.

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