



# 12,000 BTU/H SINGLE ZONE OUTDOOR UNIT

SUBMITTAL COVER SHEET

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

LOCATION \_\_\_\_\_

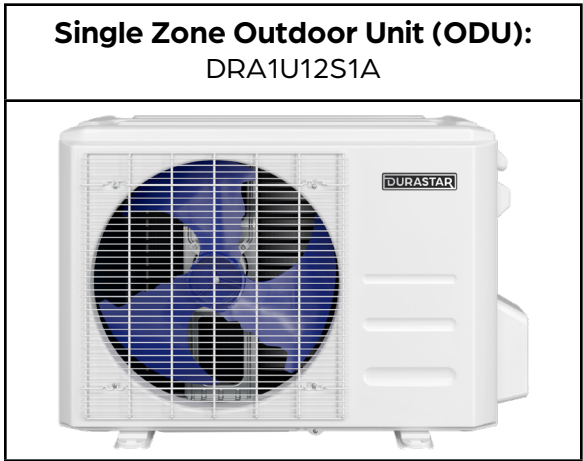
ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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



CAPACITIES		
Cooling Capacity (BTU/hr)	Rated <sup>1</sup>	12000
	Minimum	3800
	Maximum	12800
Heating Capacity (BTU/hr)	Rated <sup>2</sup>	12000
	Minimum	4500
	Maximum	13100

EFFICIENCY DATA	
SEER	21.5
EER	14.0
HSPF	11.5

### PRODUCT FEATURES

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

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

ELECTRICAL DATA	
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz
Voltage Range	187-253V
Recommended Breaker (Amps)	15
Minimum Circuit Ampacity (Amps)	12
Minimum Wire Size	16 AWG
Rated Current - Cooling (Amps) <sup>1</sup>	4.05
Rated Current - Heating (Amps) <sup>2</sup>	4.72

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





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SPECIFICATIONS - DRA1U12S1A

SYSTEM DATA	
Refrigerant Type	R-410A
Refrigerant Charge (oz.)	40.6
Oil Type	VG74
Oil Charge (oz.)	12.5 (370 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	82'
Minimum Length (One Indoor Unit)	10'
Max. Height Differential Between Indoor and Outdoor Unit	33'
Additional Refrigerant (oz/ft)	0.16

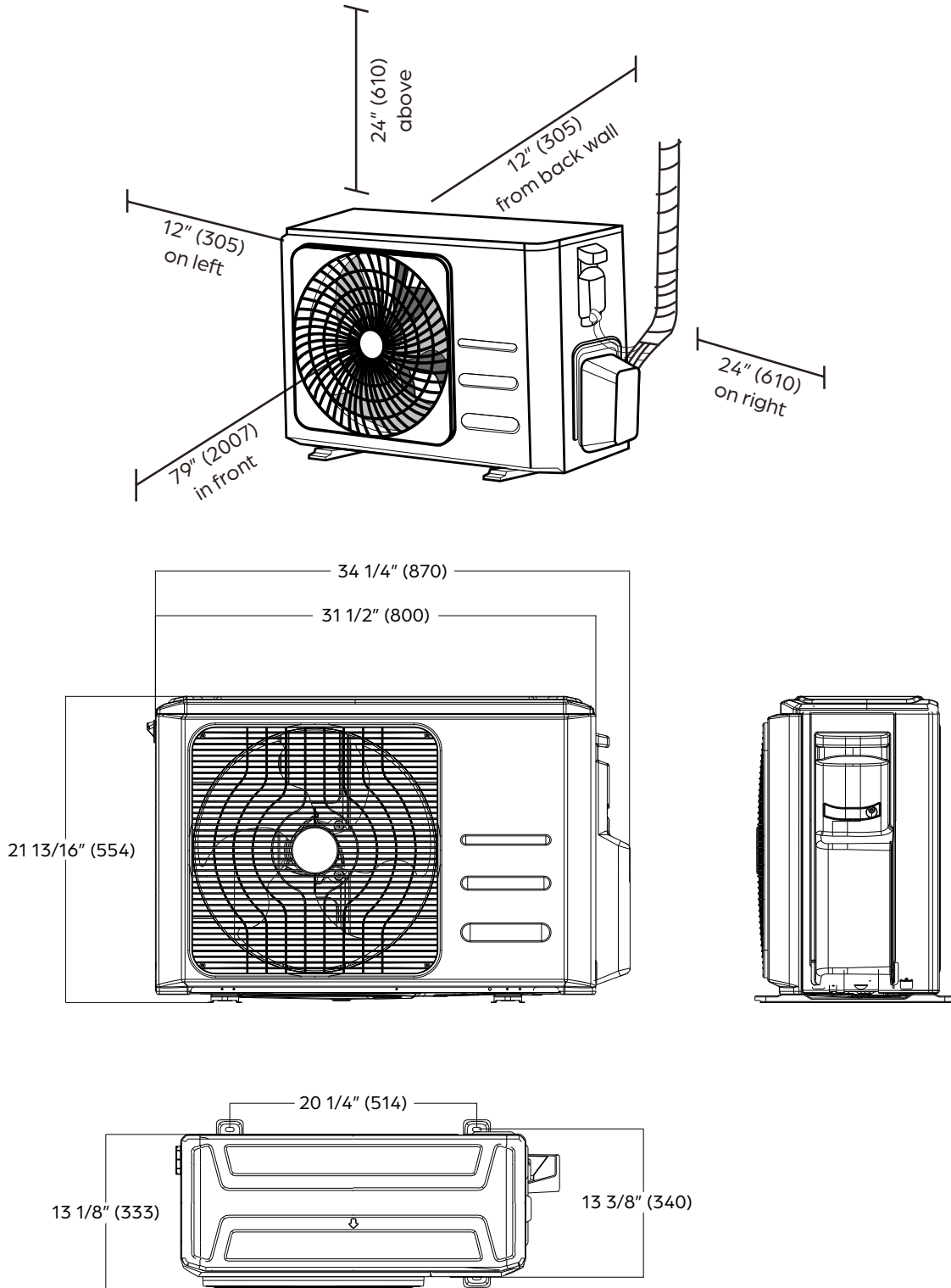
OUTDOOR UNIT FAN DATA	
Airflow (CFM)	1176
Sound Pressure (dB(A))	55
Type	DC
RLA (A)	0.4

OUTDOOR UNIT DIMENSIONS		
Unit Dimensions	Width	31 1/2"
	Depth	13 1/8"
	Height	21 13/16"
Carton Dimensions	Width	36 1/4"
	Depth	15 3/8"
	Height	24 5/8"
Net Weight	80.5 lbs.	
Gross Weight	86.2 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.