



18,000 BTU/H MULTI-ZONE HEAT PUMP SYSTEM

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

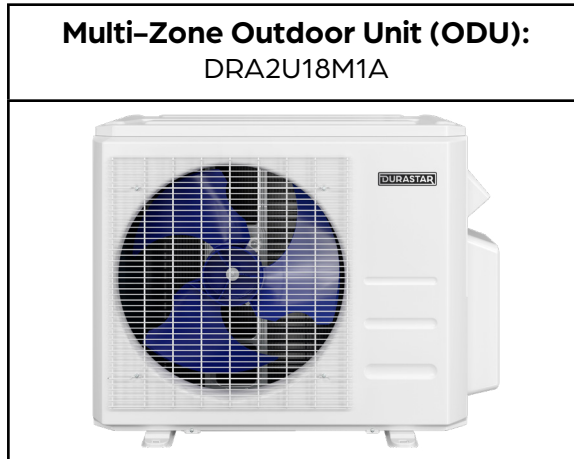
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____



CAPACITIES		DUCTLESS	DUCTED
Cooling Capacity (BTU/hr)	Rated ¹	17000	18000
	Minimum	5600	5200
	Maximum	21500	20000
Heating Capacity (BTU/hr)	Rated ²	18000	18500
	Minimum	5700	4900
	Maximum	23900	22000

EFFICIENCY DATA	DUCTLESS	DUCTED
SEER	21.3	18.5
EER	12.5	11.8
HSPF	10.0	10.0

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

ELECTRICAL DATA	DUCTLESS	DUCTED
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	25	
Minimum Circuit Ampacity (Amps)	18	
Minimum Wire Size	16 AWG	
Rated Current - Cooling (Amps) ¹	6.3	6.6
Rated Current - Heating (Amps) ²	6.7	6.2

PRODUCT FEATURES

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

¹ Measured at 95 °F.

² Measured at 47 °F.

Specifications are subject to change without notice.

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SPECIFICATIONS - DRA2U18M1A

SYSTEM DATA	
Refrigerant Type	R-410A
Refrigerant Charge (oz.)	70.5
Oil Type	VG74
Oil Charge (oz.)	16.9 (500 ml)
Design Pressure (PSIG)	550/340

OUTDOOR UNIT FAN DATA		
Speed (r/min)	Low	550
	Medium	650
	High	800
Type	DC	
RLA (A)	.55	

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	2 x Ø1/4" (Ø6.35mm)
Gas	2 x Ø3/8" (Ø9.52mm)
Pre-Charge Length	49'
Maximum Length (all indoor units)	131'
Maximum Length (one indoor unit)	82'
Minimum Length (one indoor unit)	10'
Max. Height Differential between indoor and outdoor unit	49'
Max. Height Differential between indoor units	33'
Additional Refrigerant (oz/ft)	0.16

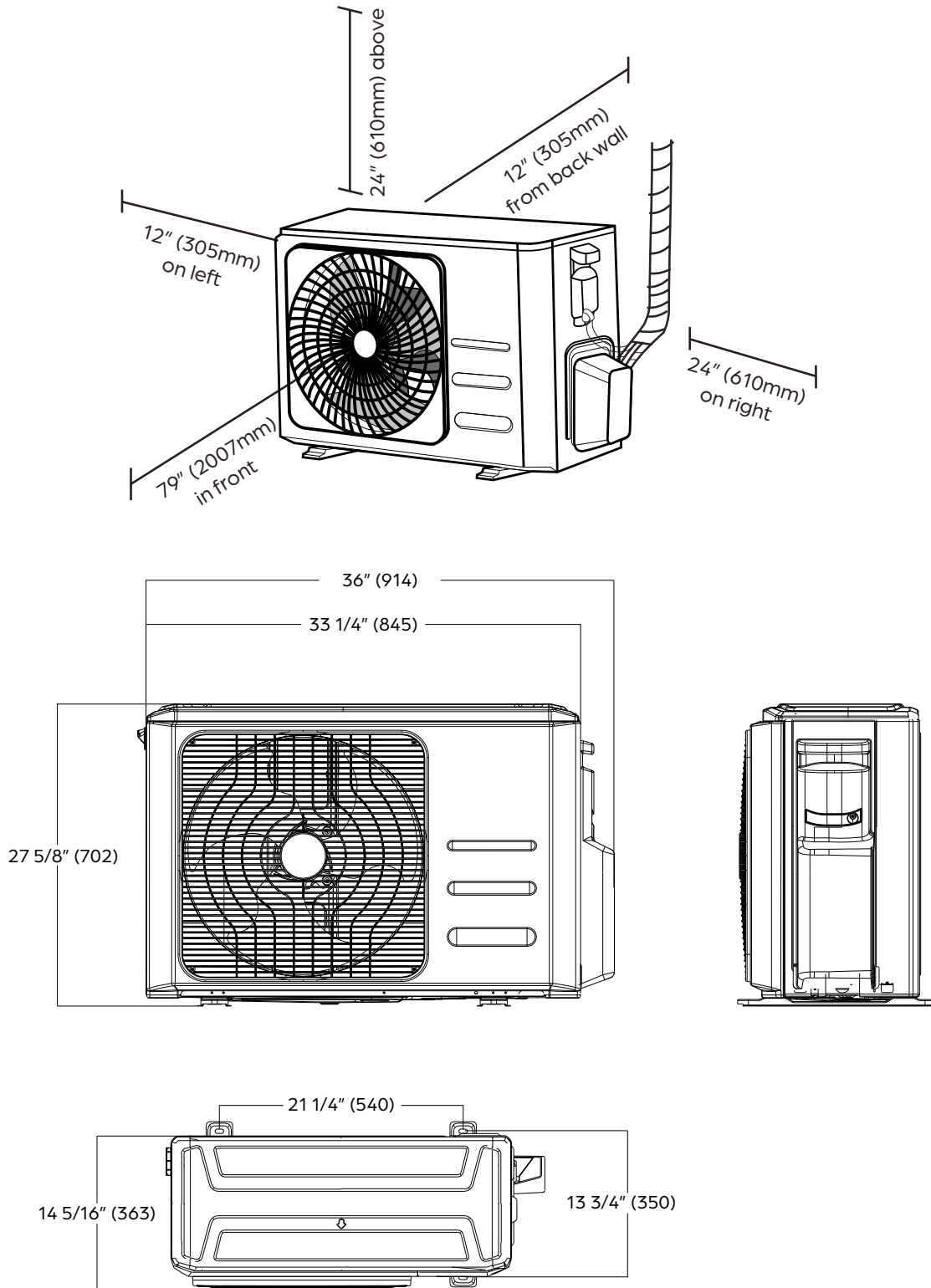
SOUND PRESSURE (dB(A))	
Airflow (CFM)	818
Sound Pressure (dB(A))	62.4

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	105.8 lbs.	
Gross Weight	114.6 lbs.	



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ODU DIMENSIONS - DRA2U18M1A



NOTE

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