28,000 BTU/H MULTI-ZONE HEAT PUMP SYSTEM

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

ARCHITECT _____

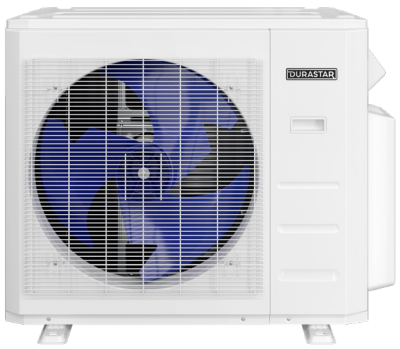
ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ **DATE** _____

Multi-Zone Outdoor Unit (ODU):
DRA3U28M1A



CAPACITIES		DUCTLESS	DUCTED
Cooling Capacity (BTU/hr)	Rated[1]	27000	24000
	Minimum	6000	8400
	Maximum	32700	31000
Heating Capacity (BTU/hr)	Rated[2]	28000	24000
	Minimum	6010	7100
	Maximum	37200	35000

EFFICIENCY DATA	DUCTLESS	DUCTED
SEER	22.0	21.0
EER	12.0	11.0
HSPF	9.8	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)	35	
Minimum Circuit Ampacity (Amps)	25	
Minimum Wire Size	16 AWG	
Rated Current – Cooling (Amps)[1]	9.7	11.1
Rated Current – Heating (Amps)[2]	9.1	9.8

PRODUCT FEATURES

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

[1] Measured at 95 °F.
[2] Measured at 47 °F.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI.

ETL LISTED US Intertek

Specifications are subject to change without notice.
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28,000 BTU/H MULTI-ZONE HEAT PUMP SYSTEM

SPECIFICATIONS – DRA3U28M1A

SYSTEM DATA	
Refrigerant Type	R-410A
Refrigerant Charge (oz.)	98.8
Oil Type	VG74
Oil Charge (oz.)	22.65 (670 ml)
Design Pressure (PSIG)	550/340

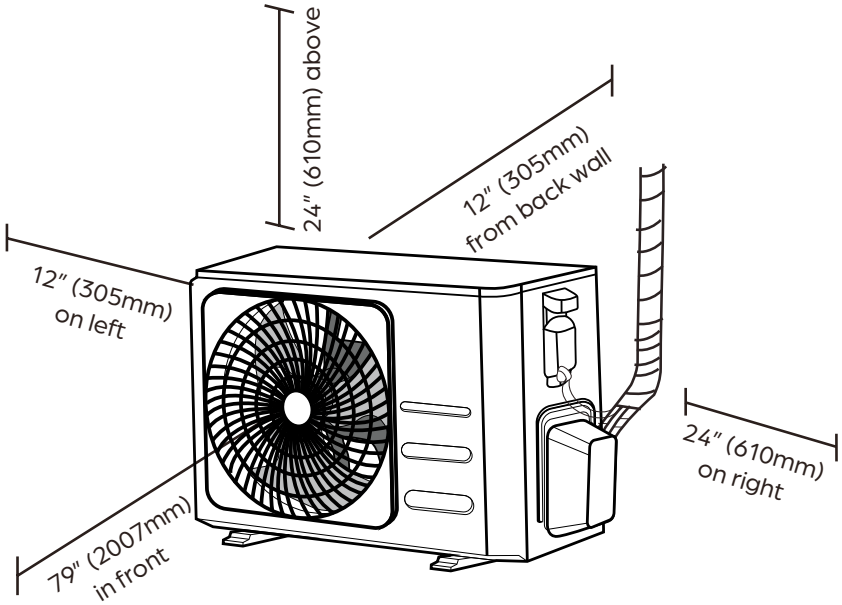
LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	3 x Ø1/4" (Ø6.35mm)
Gas	3 x Ø3/8" (Ø9.52mm)
Pre-Charge Length	74'
Maximum Length (all indoor units)	197'
Maximum Length (one indoor unit)	98'
Minimum Length (one indoor unit)	10'
Max. Height Differential between indoor and outdoor unit	49'
Max. Height Differential between indoor units	33'
Additional Refrigerant (oz/ft)	0.16

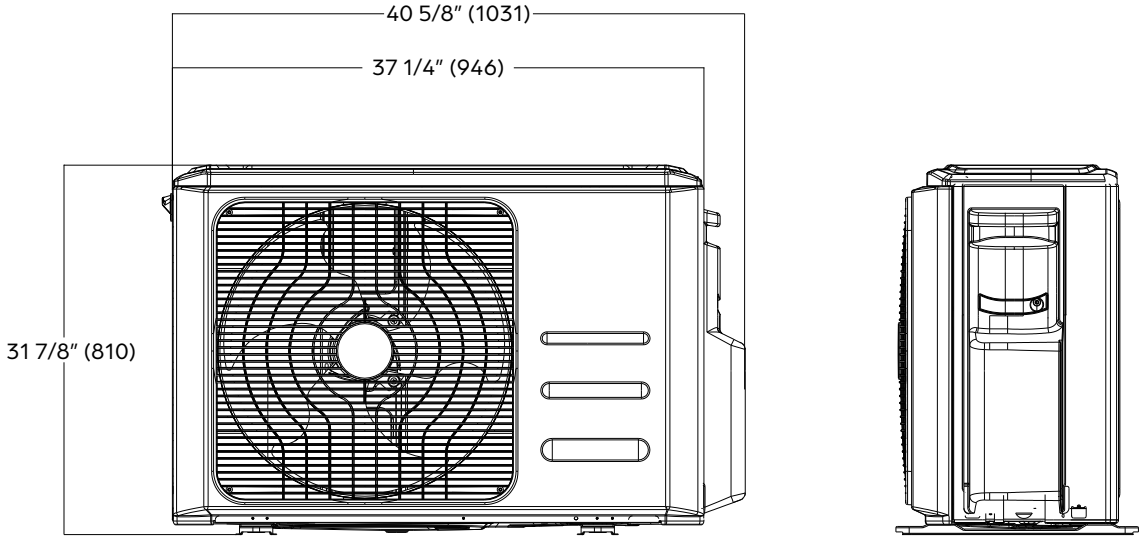
OUTDOOR UNIT FAN DATA		
Speed (r/min)	Low	600
	Medium	750
	High	900
Type	DC	
RLA (A)	1.39	

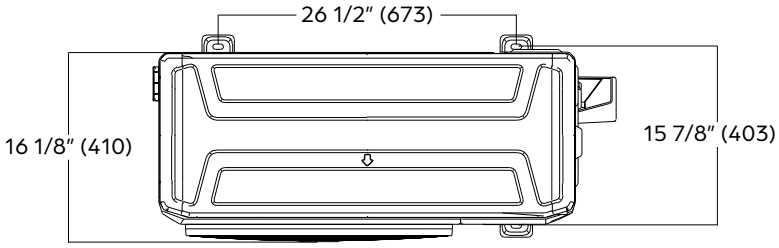
SOUND PRESSURE (dB(A))	
Airflow (CFM)	2129
Sound Pressure (dB(A))	63.4

OUTDOOR UNIT DIMENSIONS		
Unit Dimensions	Width	37 1/4"
	Depth	16 1/8"
	Height	31 7/8"
Carton Dimensions	Width	42 15/16"
	Depth	19 11/16"
	Height	34 13/16"
Net Weight	152.1 lbs.	
Gross Weight	160.9 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.

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