

**SIRIUS HEAT™****12,000 BTU/H SIRIUS HEAT ONE-WAY CASSETTE SYSTEM**

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____



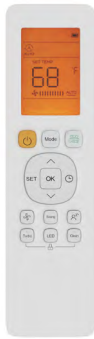
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAL12F1A	Outdoor Unit (ODU): DRA1H12S1A	Wireless Remote Control
		

PRODUCT FEATURES

- Up to 100% heating capacity at 0°F
- Low ambient heating down to -22°F
- Low ambient cooling down to 5°F
- Wireless Remote Control with "Follow Me" Technology
- Variable Speed Inverter Compressor
- Auto Restart
- Sleep Mode
- Turbo Mode
- Quiet operation
- 46°F Freeze Protection
- Included base pan heater
- Humidity sensor
- Refrigerant leak detection
- Anti-corrosive fin coating
- Grille included

CAPACITIES

Cooling Capacity (BTU/hr)	Rated at 95°F ¹	12000
	Minimum	4000
	Maximum	14100
Heating Capacity (BTU/hr)	Rated at 47°F ²	12500
	Maximum at 5°F ³	11000
	Minimum	4600
	Maximum	15000

SYSTEM DATA

Refrigerant Type	R-410A
Refrigerant Charge (oz.)	41.62
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA

SEER2	23.0
EER2	13.0
HSPF2	10.0
SEER	22.0
EER	13.0
HSPF	11.3
COP at 47°F	3.2
COP at 5°F	1.8



Specifications are subject to change without notice.

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SPECIFICATIONS

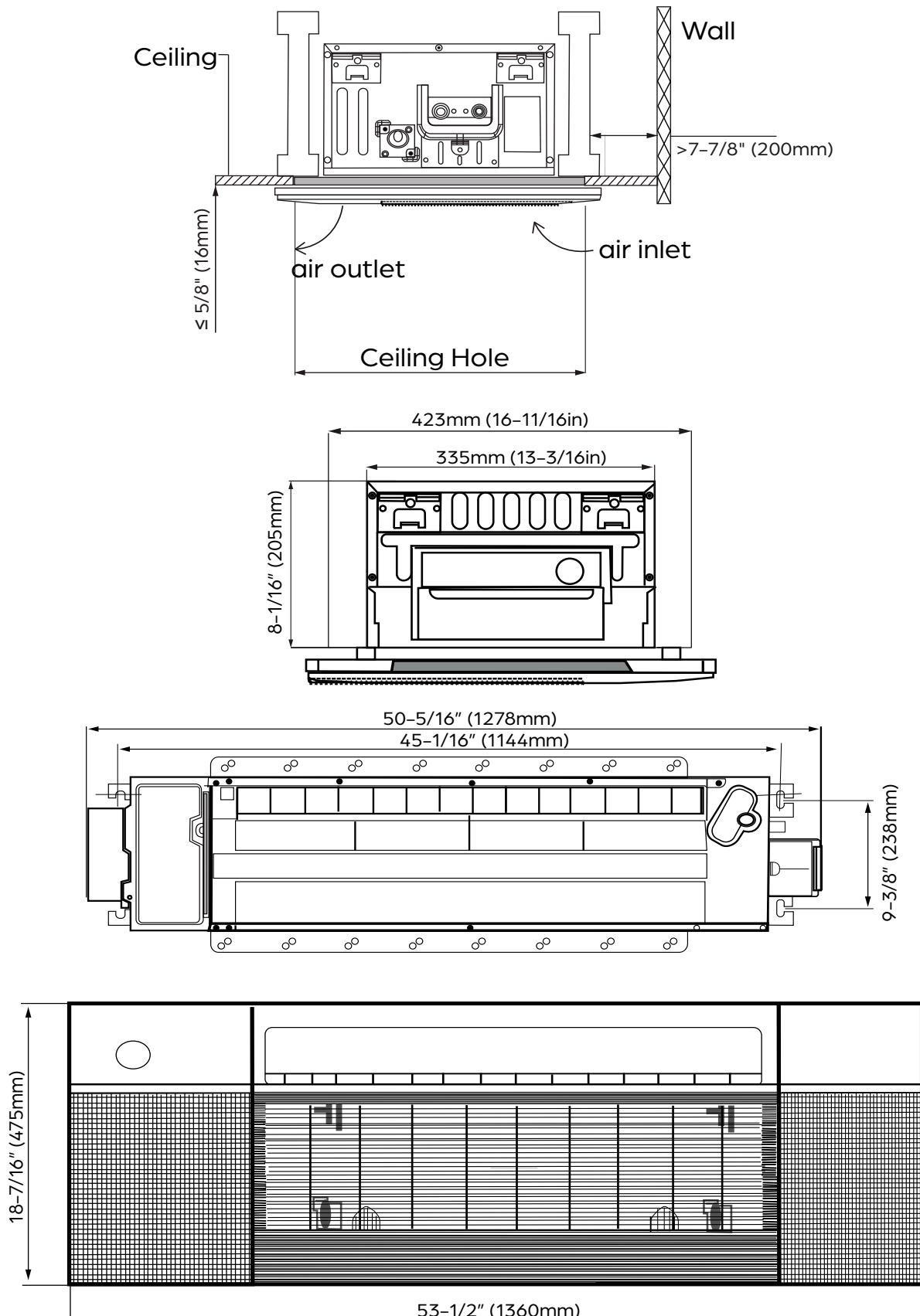
LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	Ø1/4" (Ø6.35mm)
Gas	Ø1/2" (Ø12.7mm)
Pre-Charge Length	25'
Minimum Length	10'
Maximum Length	82'
Maximum Height Differential	33'
Additional Refrigerant (oz./ft)	0.16

OUTDOOR UNIT		
Unit Dimensions	Width	31-11/16"
	Depth	13"
	Height	21-13/16"
Carton Dimensions	Width	36"
	Depth	14-9/16"
	Height	24-3/16"
Net Weight	73.6 lbs.	
Gross Weight	79.4 lbs.	
Cooling Operating Temperature	5°F - 122°F	
Heating Operating Temperature	-22°F - 75°F	
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	15	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	4.17	
Rated Current - Heating (Amps) ²	4.85	
Sound Pressure (dB(A))	56	

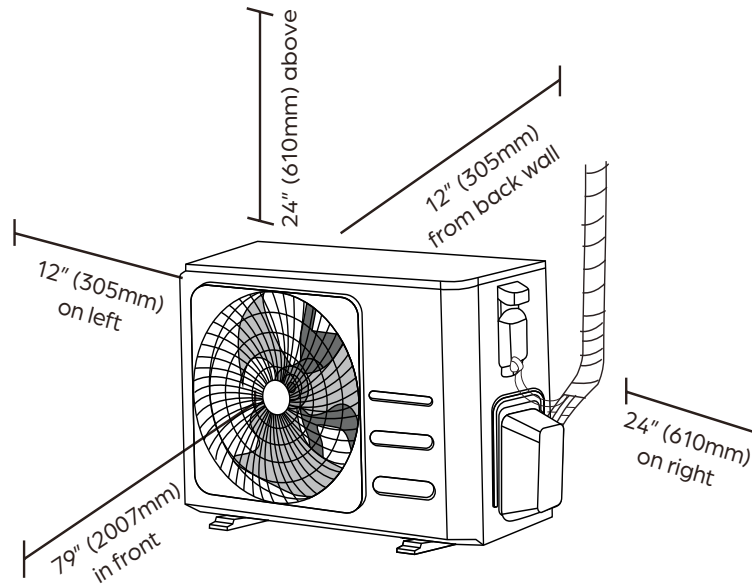
INDOOR UNIT		
Unit Dimensions	Width	50-5/16"
	Depth	13-13/16"
	Height	9"
Carton Dimensions	Width	57-5/8"
	Depth	22-1/2"
	Height	22-1/2"
Net Weight	60.7 lbs.	
Gross Weight	82.9 lbs.	
Indoor Unit Air Flow (CFM)	Low	247
	Medium	282
	High	312
Drain Port O.D.	1"	
Drain Pump Lift	20.8"	
Recommended Breaker (Amps)	15	
Sound Pressure (dB(A))	Low	32.5
	Medium	37.0
	High	38.5

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

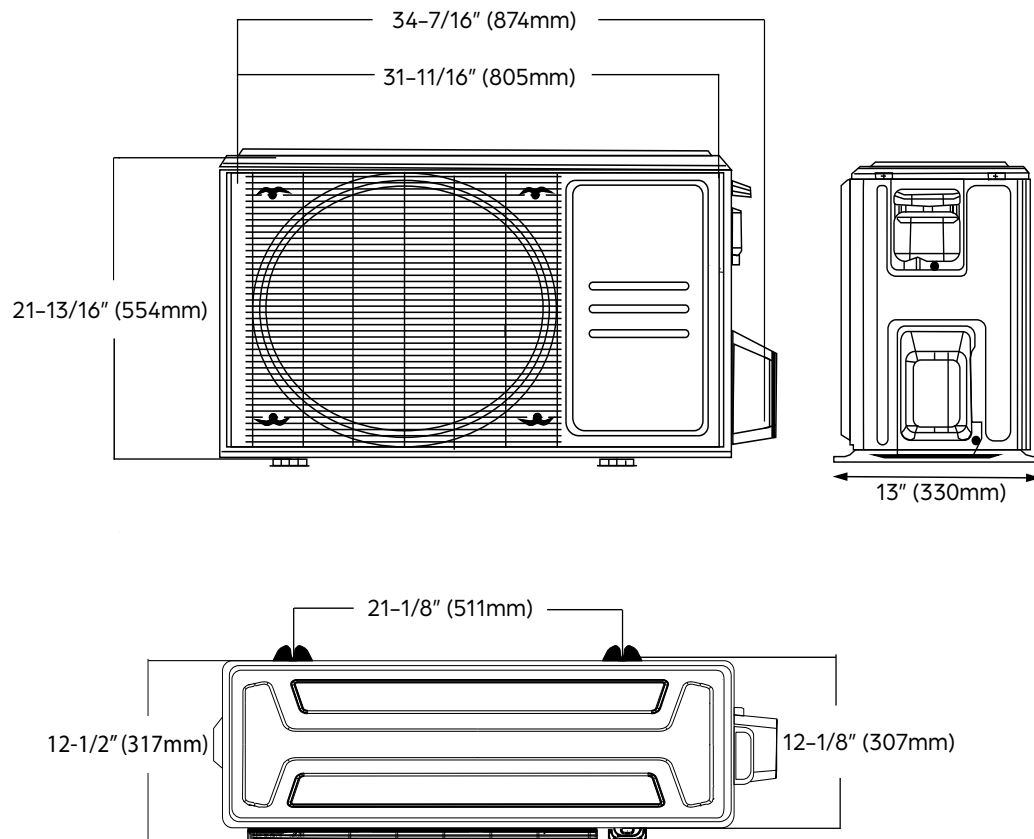
¹ AHRI Rated at 95°F (AFull).² AHRI Rated at 47°F (H1Full).³ AHRI Rated Capacity at 5°F (H42)



Clearances



Dimensions



NOTE

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