



9,000 BTU/H SIRIUS HEAT ONE-WAY CASSETTE SYSTEM

SUBMITTAL COVER SHEET

SIRIUS HEAT™

PROJECT NAME _____

LOCATION _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAL09F1A	Outdoor Unit (ODU): DRA1H09S1A	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	9000
	Minimum	3600
	Maximum	12200
Heating Capacity (BTU/hr)	Rated at 47°F ²	10900
	Rated at 5°F ³	10500
	Minimum	4800
	Maximum	14000

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	24.0
EER2	13.0
HSPF2	12.4
SEER	23.0
EER	13.0
HSPF	13.6
COP at 47°F	3.3
COP at 5°F	1.8



Specifications are subject to change without notice.

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SPECIFICATIONS

SIRIUS HEAT™

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	Ø1/4" (Ø6.35mm)
Gas	Ø3/8" (Ø9.52mm)
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	74 lbs.	
Gross Weight	80 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	3.1	
Rated Current - Heating (Amps) ²	5.2	
Sound Pressure (dB(A))	54.5	

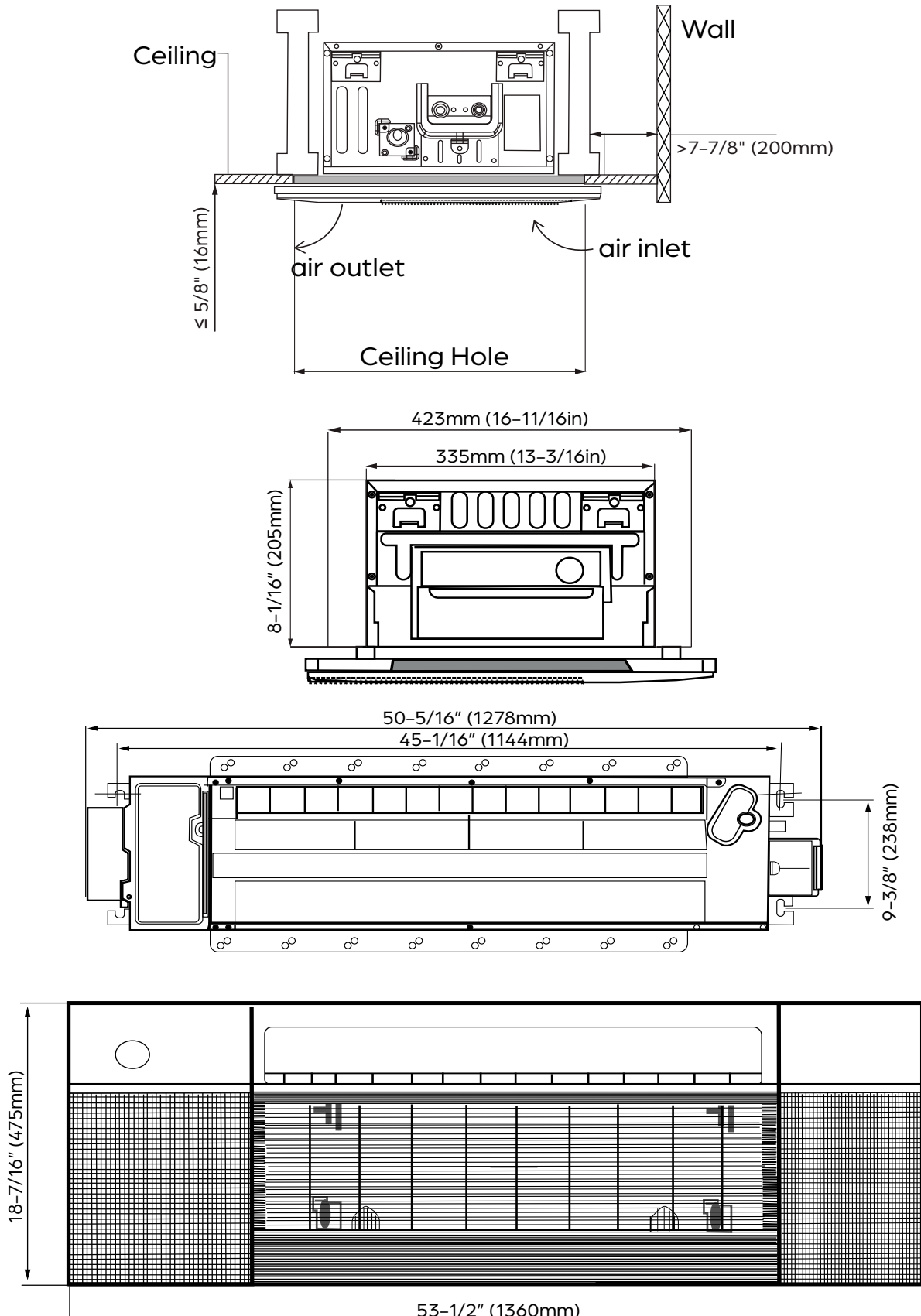
INDOOR UNIT		
Unit Dimensions	Width	50-5/16"
	Depth	13-13/16"
	Height	9"
Carton Dimensions	Width	57-5/8"
	Depth	22-1/2"
	Height	22-1/2"
Net Weight	58.4 lbs.	
Gross Weight	81.3 lbs.	
Indoor Unit Air Flow (CFM)	Low	235
	Medium	259
	High	294
Drain Port O.D.	1"	
Drain Pump Lift	20.8"	
Recommended Breaker (Amps)	15	
Sound Pressure (dB(A))	Low	33.0
	Medium	35.5
	High	37.5

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

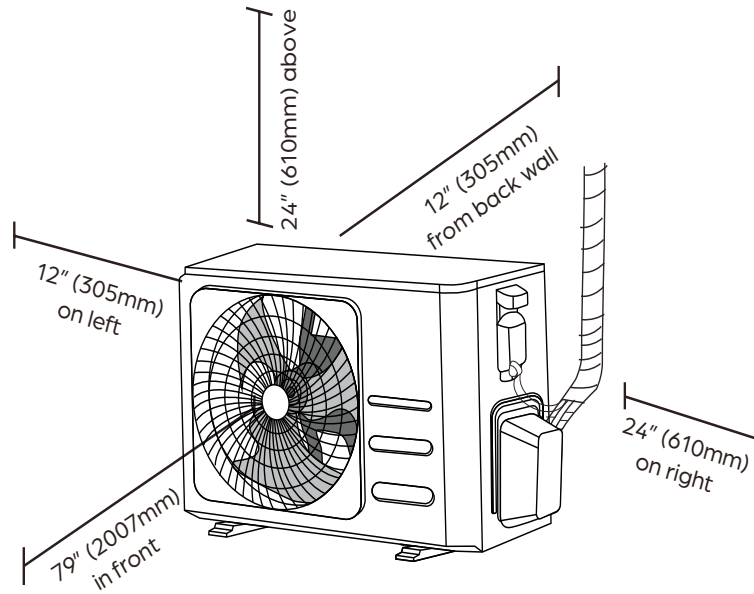
¹ AHRI Rated at 95°F (AFull).

² AHRI Rated at 47°F (H1Full).

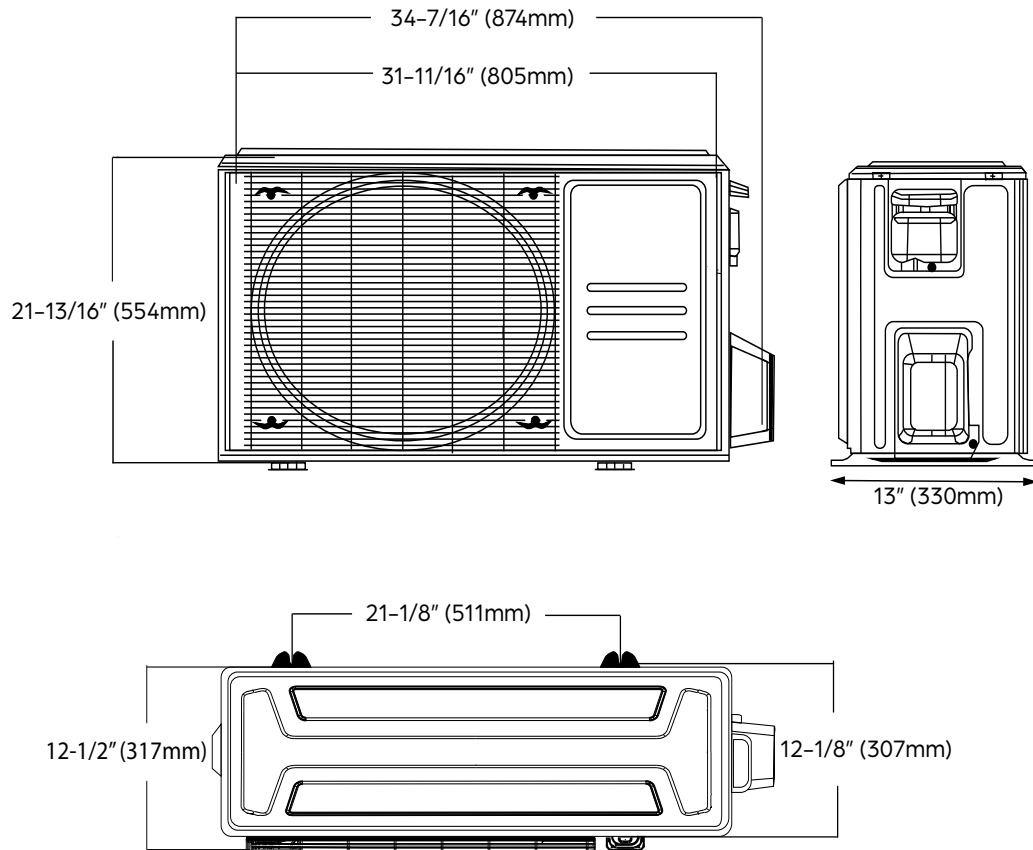
³ AHRI Rated Capacity at 5°F (H42)



Clearances



Dimensions



NOTE

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