



# 12,000 BTU/H SIRIUS HEAT CEILING CASSETTE HEAT PUMP

SUBMITTAL COVER SHEET

## SIRIUS HEAT™

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

LOCATION \_\_\_\_\_



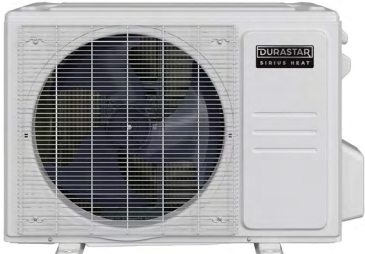

ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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

Indoor Unit (IDU): DRAC12F1A	Panel: DRACPANA1A	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
- Refrigerant leak detection
- Anti-corrosive fin coating

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F <sup>1</sup>	12000
	Minimum	3000
	Maximum	13700
Heating Capacity (BTU/hr)	Rated at 47°F <sup>2</sup>	12000
	Maximum at 5°F <sup>3</sup>	11900
	Minimum	2000
	Maximum	15300

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	24.2
EER2	13.3
HSPF2	10.7
SEER	23.0
EER	13.3
HSPF	11.8
COP at 47°F	3.22
COP at 5°F	1.99



Specifications are subject to change without notice.

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## SIRIUS HEAT™

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	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) <sup>1</sup>	4.3	
Rated Current - Heating (Amps) <sup>2</sup>	5.0	
Sound Pressure (dB(A))	56	

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

INDOOR UNIT		
Unit Dimensions	Width	22-7/16"
	Depth	22-7/16"
	Height	10-1/4"
Carton Dimensions	Width	26-1/2"
	Depth	26-1/2"
	Height	13-1/4"
Net Weight	35.3 lbs	
Gross Weight	45.5 lbs	
Indoor Unit Air Flow (CFM)	Low	261
	Medium	309
	High	379
Drain Port O.D.	Ø1" (25.4mm)	
Drain Pump Lift	29 1/2"	
Recommended Breaker (Amps)	15	
Sound Pressure (dB(A))	Low	31.5
	Medium	35.5
	High	40.5

<sup>1</sup> AHRI Rated at 95°F (AFull).

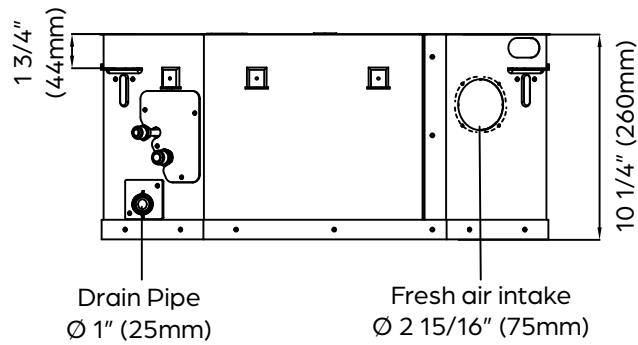
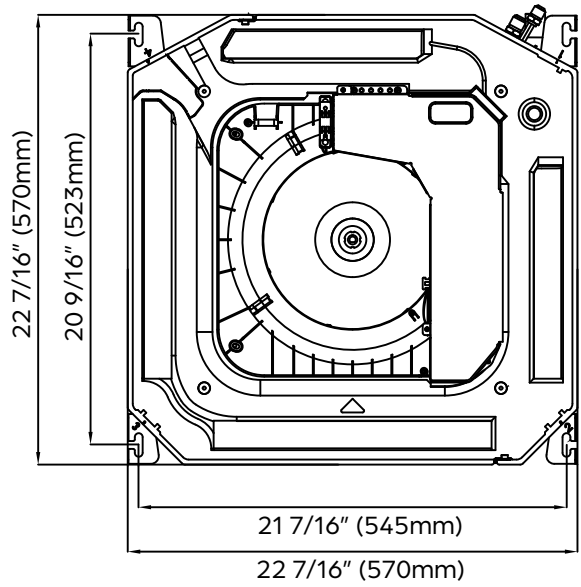
<sup>2</sup> AHRI Rated at 47°F (H1Full).

<sup>3</sup> AHRI Rated Capacity at 5°F (H42)

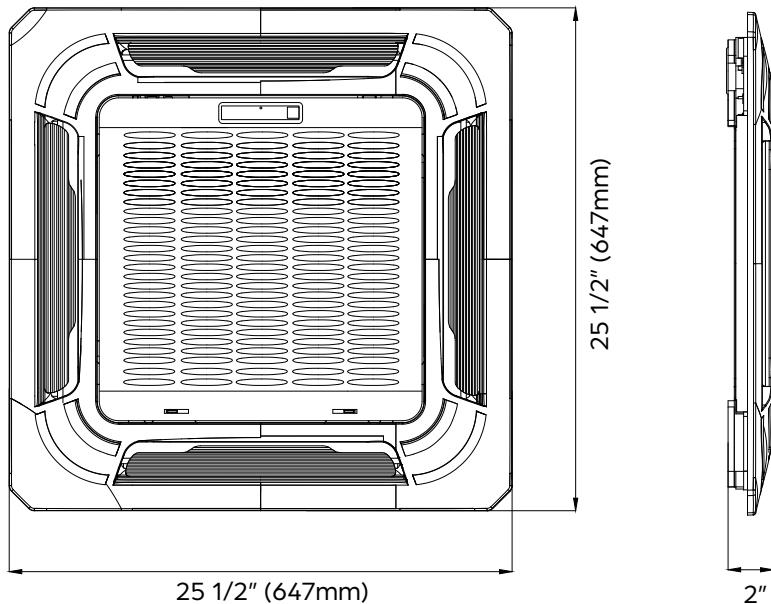


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IDU DIMENSIONS - DRAC12F1A



**DRACPANA1A:**



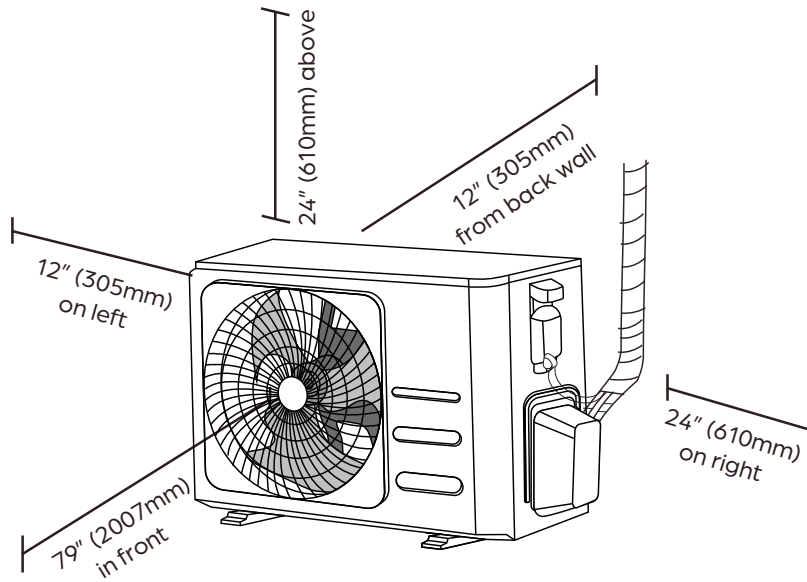


SIRIUS HEAT™

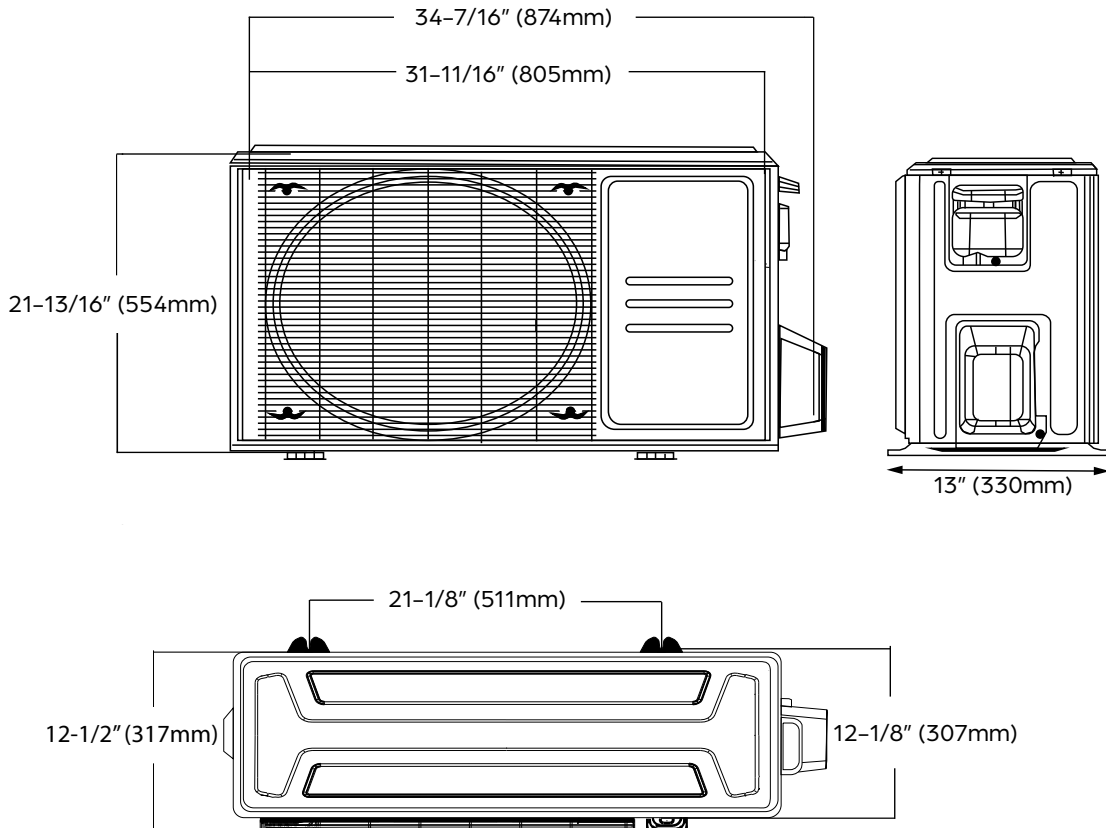
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ODU CLEARANCES - DRA1H12S1A

## Clearances



## Dimensions



## NOTE

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