



18,000 BTU/H SIRIUS HEAT CEILING MOUNTED HEAT PUMP

SUBMITTAL COVER SHEET

SIRIUS HEAT™

PROJECT NAME _____

LOCATION _____



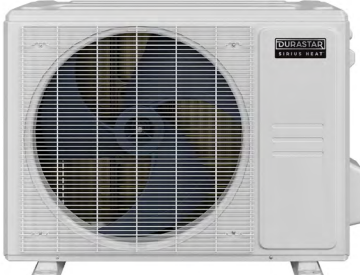

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAC18F1A	Panel: DRACPANA1A	Outdoor Unit (ODU): DRA1H18S1A	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

SYSTEM DATA	
Refrigerant Type	R-410A
Refrigerant Charge (oz.)	65.2
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA	
SEER2	20.0
EER2	12.5
HSPF2	9.5
SEER	20.0
EER	12.5
HSPF	10.3
COP at 47°F	2.88
COP at 5°F	1.75

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F ¹	16000
	Minimum	5600
	Maximum	17000
Heating Capacity (BTU/hr)	Rated at 47°F ²	17000
	Maximum at 5°F ³	16000
	Minimum	5600
	Maximum	17000



Specifications are subject to change without notice.
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18,000 BTU/H SIRIUS HEAT CEILING MOUNTED HEAT PUMP SPECIFICATIONS

SIRIUS HEAT™

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	Ø1/4" (Ø6.35mm)
Gas	Ø1/2" (Ø12.70mm)
Pre-Charge Length	25'
Minimum Length	10'
Maximum Length	98'
Maximum Height Differential	66'
Additional Refrigerant (oz./ft)	0.16

OUTDOOR UNIT		
Unit Dimensions	Width	35-1/16"
	Depth	13-7/16"
	Height	26-1/2"
Carton Dimensions	Width	39-3/16"
	Depth	15-11/16"
	Height	32-11/16"
Net Weight	101 lbs.	
Gross Weight	108 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)	25	
Minimum Circuit Ampacity (Amps)	16	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	8.0	
Rated Current - Heating (Amps) ²	11.0	
Sound Pressure (dB(A))	59	

COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz.)	21.0 (620 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	36 lbs.	
Gross Weight	47 lbs.	
Indoor Unit Air Flow (CFM)	Low	439
	Medium	485
	High	562
Drain Port O.D.	Ø1" (25mm)	
Drain Pump Lift	29 1/2"	
Recommended Breaker (Amps)	25	
Sound Pressure (dB(A))	Low	35.5
	Medium	38.5
	High	43.5

¹ AHRI Rated at 95°F (AFull).

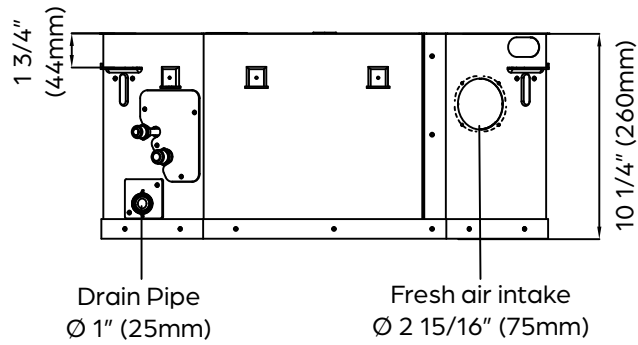
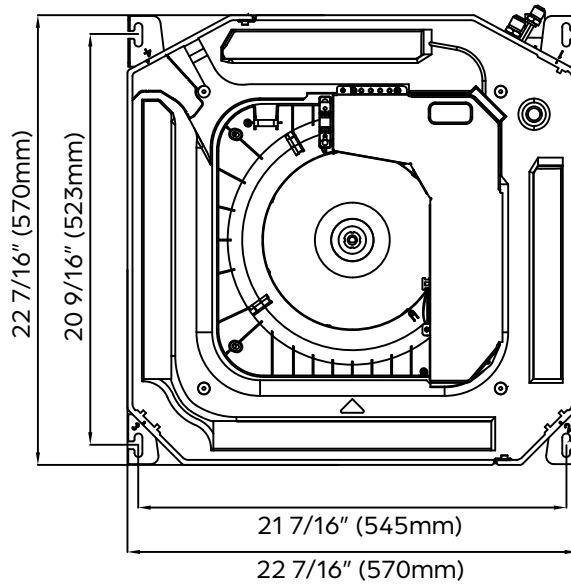
² AHRI Rated at 47°F (H1Full).

³ AHRI Rated Capacity at 5°F (H42)

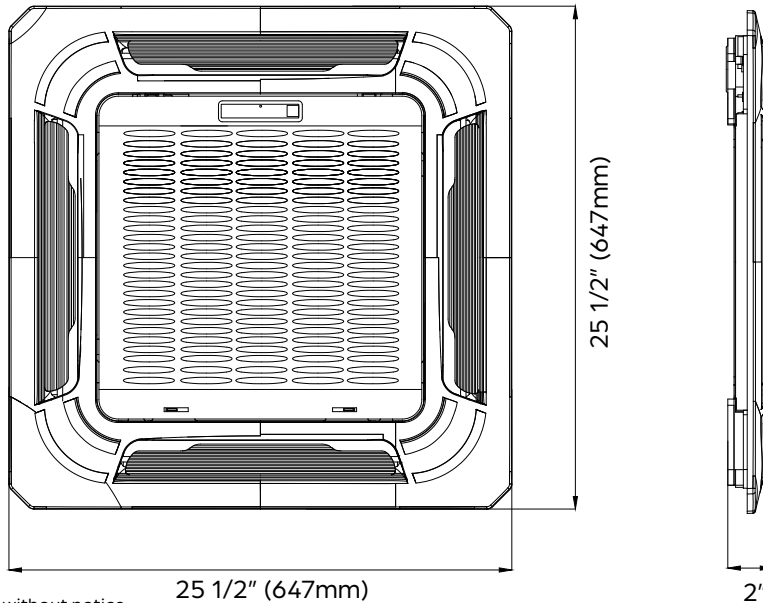


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IDU DIMENSIONS - DRAC18F1A

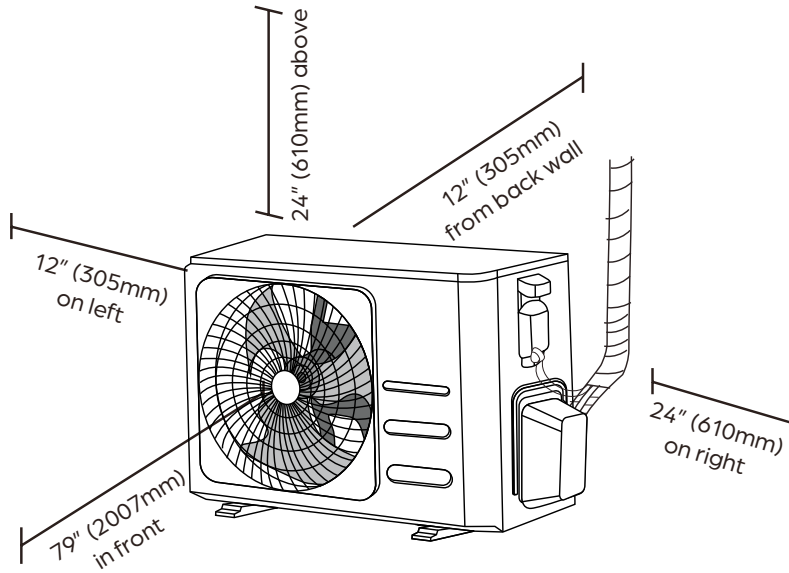


DRACPANA1A:

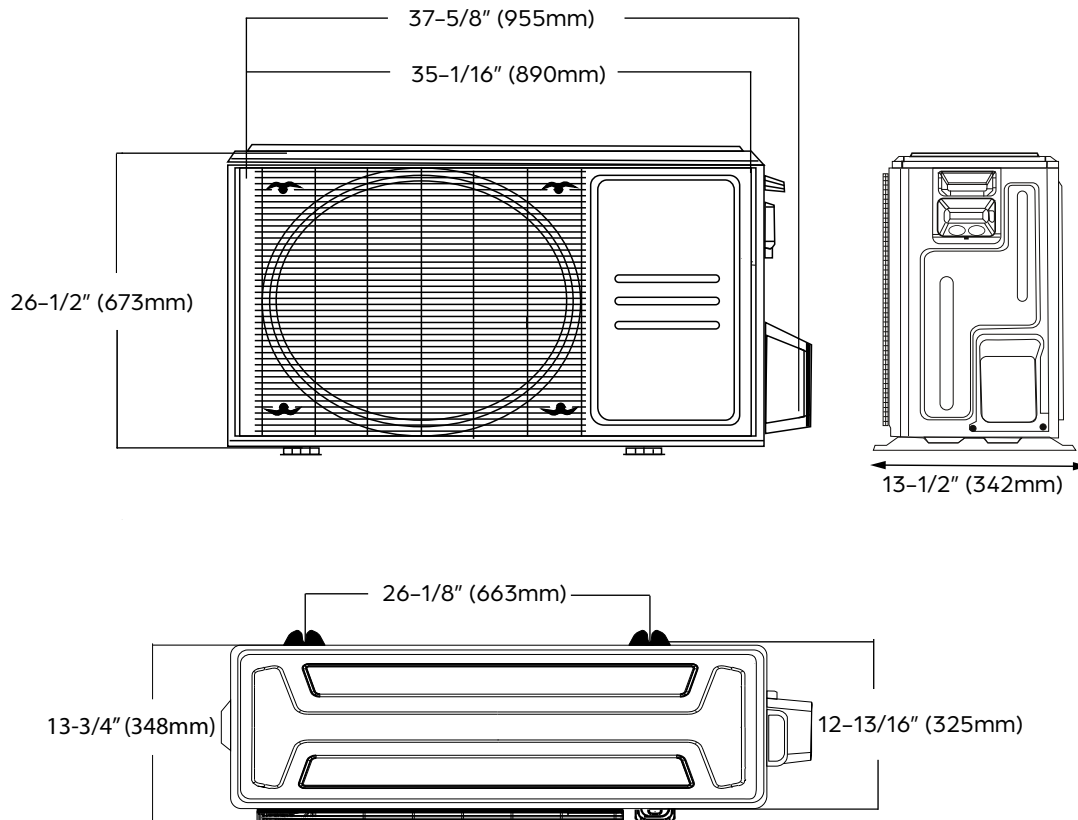


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Clearances



Dimensions



NOTE

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