



SIRIUS HEAT™

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

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

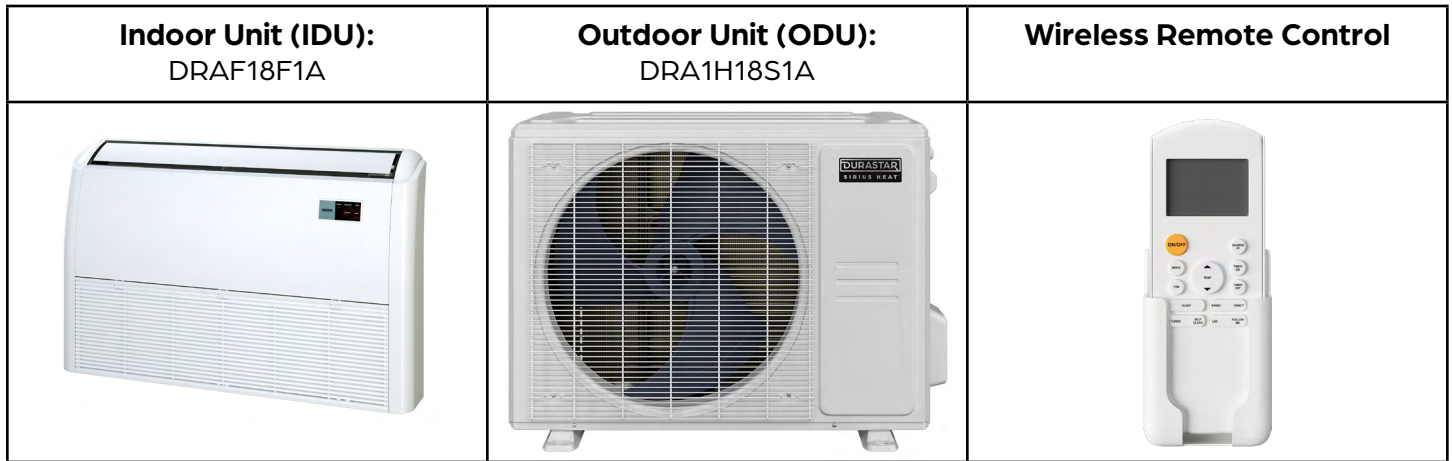
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____



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
- Flexible installation for floor or ceiling

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F ¹	17000
	Minimum	7800
	Maximum	19900
Heating Capacity (BTU/hr)	Rated at 47°F ²	18000
	Maximum at 5°F ³	16800
	Minimum	8600
	Maximum	21500

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	20.5
EER2	12.5
HSPF2	9.8
SEER	20.2
EER	12.5
HSPF	10.6
COP at 47°F	3.19
COP at 5°F	1.86



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

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	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	8.8	
Rated Current - Heating (Amps) ²	10.9	
Sound Pressure (dB(A))	59	

INDOOR UNIT		
Unit Dimensions	Width	42-1/16"
	Depth	9-1/4"
	Height	26-9/16"
Carton Dimensions	Width	45-1/16"
	Depth	12-1/2"
	Height	29-3/4"
Net Weight	57 lbs.	
Gross Weight	68 lbs.	
Indoor Unit Air Flow (CFM)	Low	421
	Medium	485
	High	548
Drain Port O.D.	Ø1" (Ø25mm)	
Recommended Breaker (Amps)	15	
Sound Pressure (dB(A))	Low	39
	Medium	43
	High	46

COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz.)	21 oz. (620ml)

¹ AHRI Rated at 95°F (AFull).

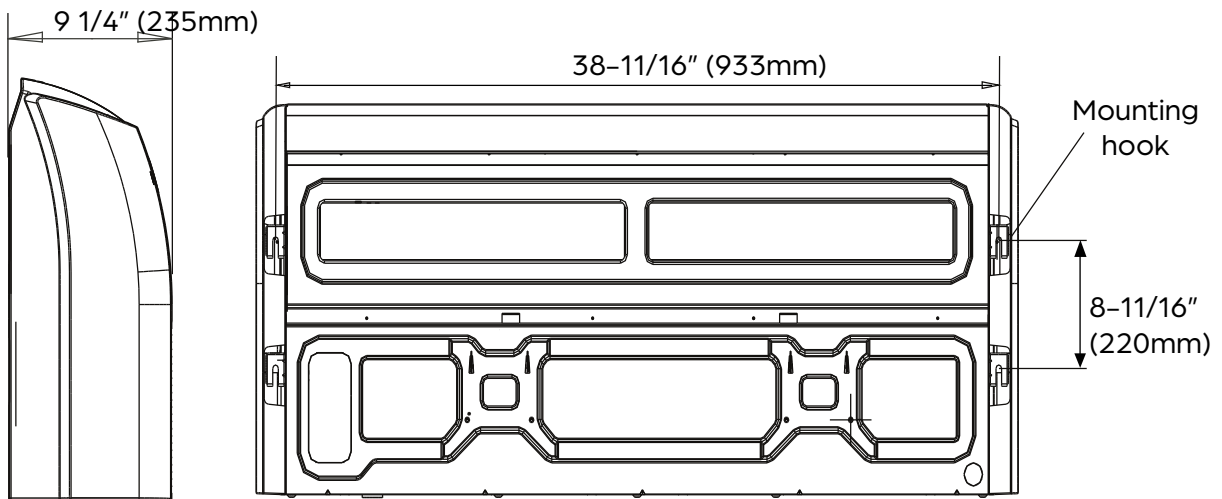
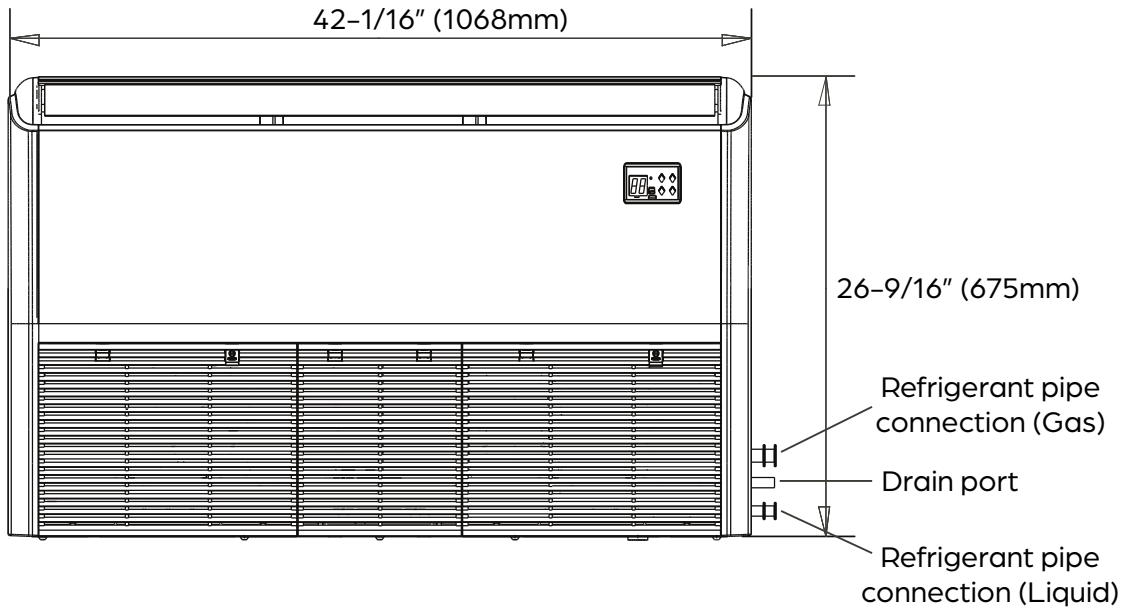
² AHRI Rated at 47°F (H1Full).

³ AHRI Rated Capacity at 5°F (H42)

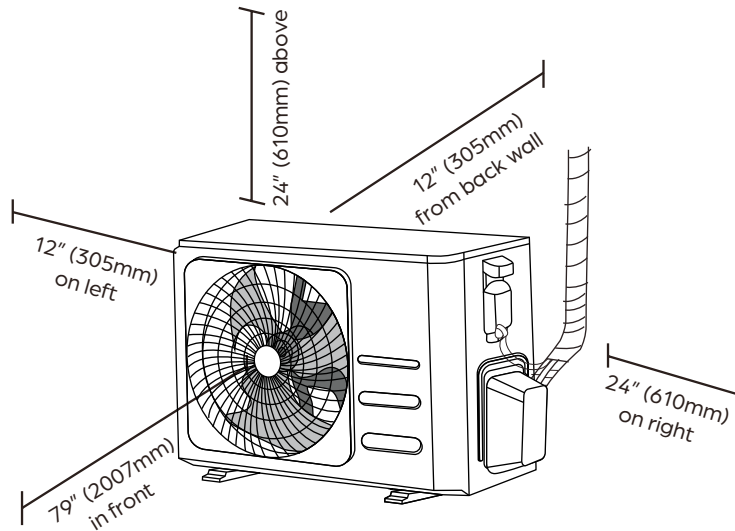


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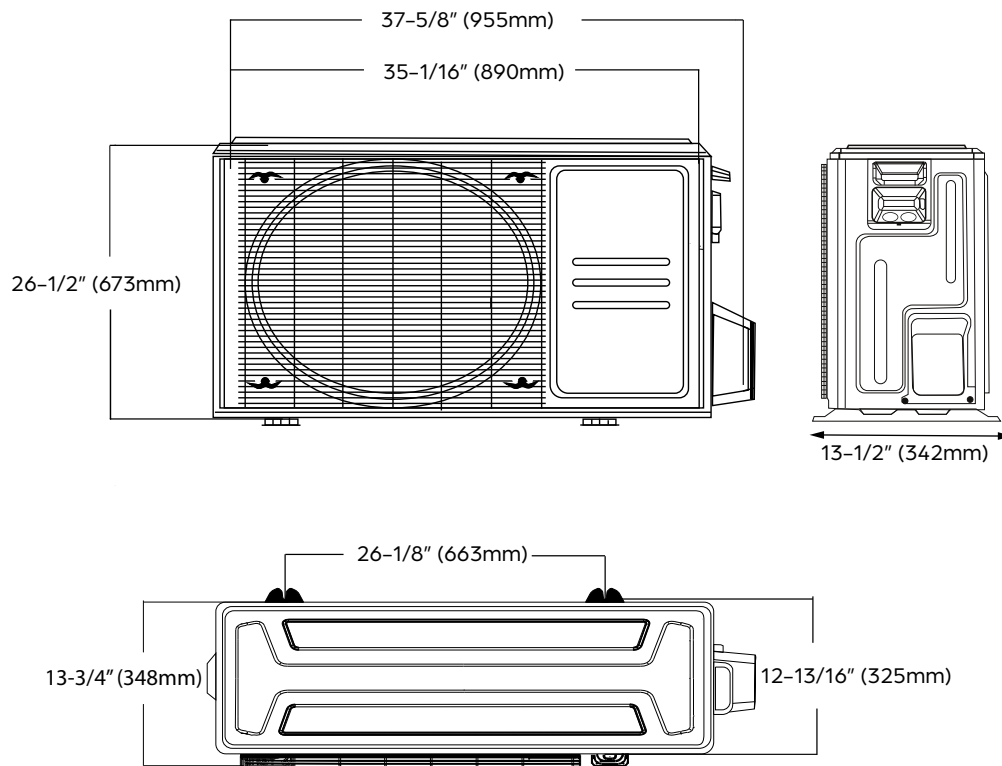
IDU DIMENSIONS - DRAF18F1A



Clearances



Dimensions



NOTE

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