

PROJECT NAME _____

LOCATION _____

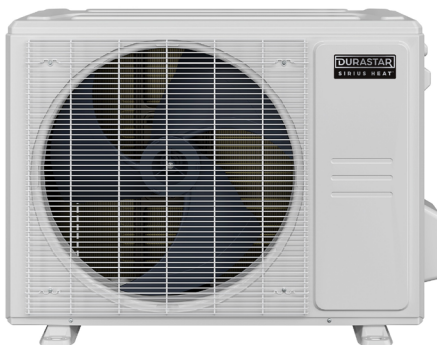
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAF18F2A	Outdoor Unit (ODU): DRA1H18S2A	Wireless Remote Control
		

PRODUCT FEATURES

- Up to 100% heating capacity at 0°F
- Low ambient heating and cooling down to -22°F
- A2L refrigerant detection system
- Variable speed inverter compressor
- Quiet operation
- Wireless remote control with "Follow Me" technology
- Flexible installation for floor or ceiling
- Turbo, ECO, Active Clean, Sleep modes and more
- Humidity control
- Auto restart
- 46°F freeze protection
- Included base pan heater
- Anti-corrosive fin coating
- Compatible with DRSTAT101 wired thermostat

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F (35°C) ¹	17000
	at 109°F (43°C)	14500
	at 5°F (-15°C)	19700
	Cooling Range	7400~1920
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	19000
	Rated at 17°F (-8°C) ³	14400
	Rated at 5°F (-15°C) ⁴	17000
	at -13°F (-25°C)	10900
	at -22°F (-30°C)	8400
	Heating Range	8300~20700

SYSTEM DATA	
Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	55.4 (1.6)
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA	
SEER2	20.4
EER2	12.0
HSPF2	12.1
COP at 47°F (8°C) ²	3.07
COP at 17°F (-8°C) ³	2.54
COP at 5°F (-15°C) ⁴	1.86



Specifications are subject to change without notice.

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18,000 BTU/H SIRIUS HEAT™ FLOOR/CEILING HEAT PUMP SYSTEM SPECIFICATIONS

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid (in. (mm))	Ø1/4 (Ø6.35)
Gas (in. (mm))	Ø1/2 (Ø12.70)
Pre-Charge Length (ft. (m))	25 (7.5)
Minimum Length (ft. (m))	10 (3.0)
Maximum Length (ft. (m))	99 (30.0)
Maximum Height Differential (ft. (m))	66 (20.0)
Additional Refrigerant (oz./ft (g/m))	0.16 (15)

OUTDOOR UNIT		
Unit Dimensions	Width	35-1/16 (890)
	Depth	13-7/16 (342)
	Height	26-1/2 (673)
Carton Dimensions	Width	39-3/16 (995)
	Depth	15-11/16 (398)
	Height	24-1/4 (740)
Net Weight (lbs. (kg))	99.9 (45.3)	
Gross Weight (lbs. (kg))	107.8 (48.9)	
Cooling Operating Temp. (°F (°C))	-22 - 122 (-30 - 50)	
Heating Operating Temp. (°F (°C))	-22 - 75 (-30 - 24)	
Voltage/Phase/Frequency	208-230V, 1 Ph, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	20	
Minimum Circuit Ampacity (Amps)	19.0	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	8.7	
Rated Current - Heating (Amps) ²	11.0	
Sound Pressure (dB(A))	58	

¹ Value at AHR1 Rated Capacity at 95°F (35°C) (AFull)

² Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

³ Value at AHR1 Rated Capacity at 17°F (-8°C) (H32)

⁴ Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	42-1/16 (1068)
	Depth	26-9/16 (675)
	Height	9-1/4 (235)
Carton Dimensions (in. (mm))	Width	45-1/8 (1145)
	Depth	29-3/4 (755)
	Height	12-9/16 (318)
Net Weight (lbs. (kg))	58.4 (26.5)	
Gross Weight (lbs. (kg))	70.6 (32.0)	
Indoor Unit Air Flow (CFM (m³/h))	Silent	N/A
	Low	421 (715)
	Medium	486 (825)
	High	547 (930)
	Turbo	577 (980)
Field Supplied Drain Pipe O.D. (in. (mm))	Ø1 (Ø25)	
Moisture Removal (Pints/day (L/h))	87.7 (1.7)	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	1.9	
Sound Pressure (dB(A))	Silent	29
	Low	31
	Medium	40
	High	43
	Turbo	45

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

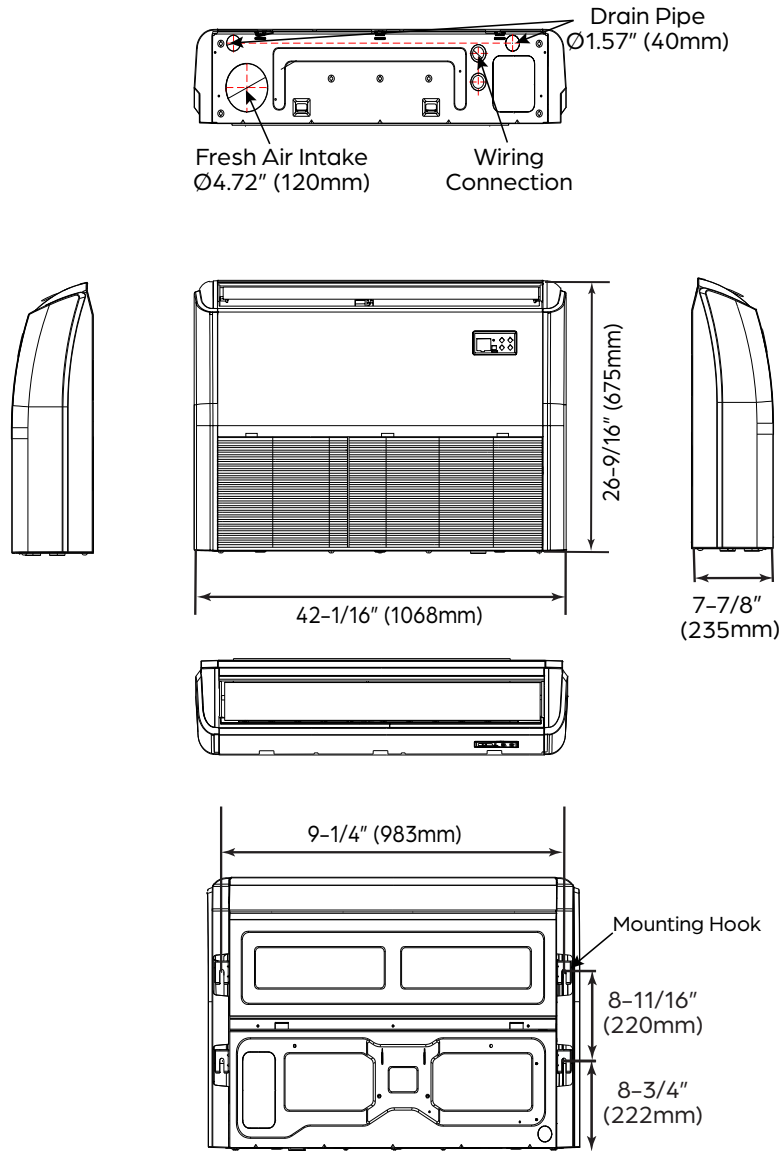
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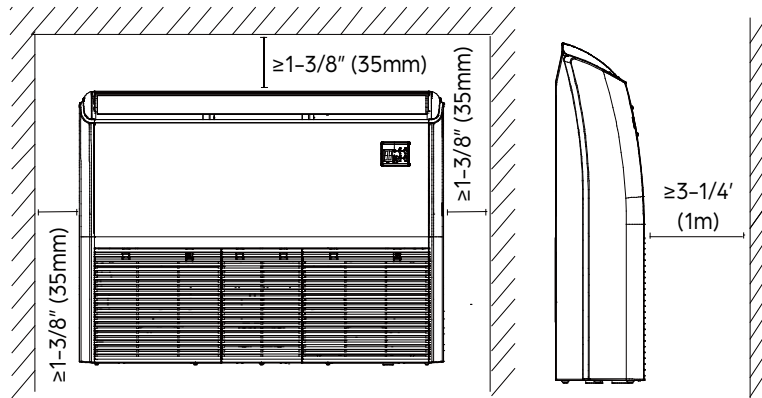
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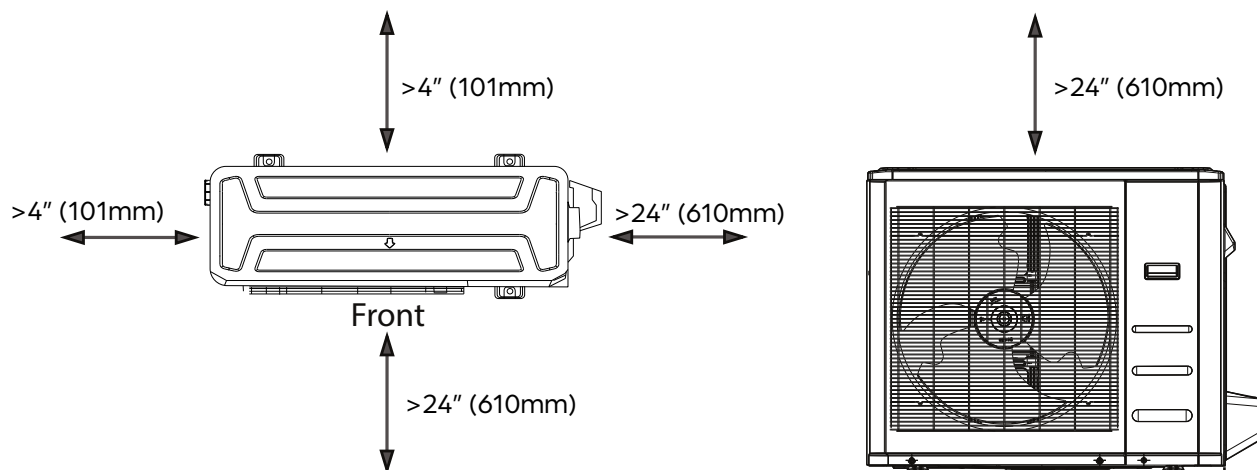
IDU DIMENSIONS - DRAF18F2A



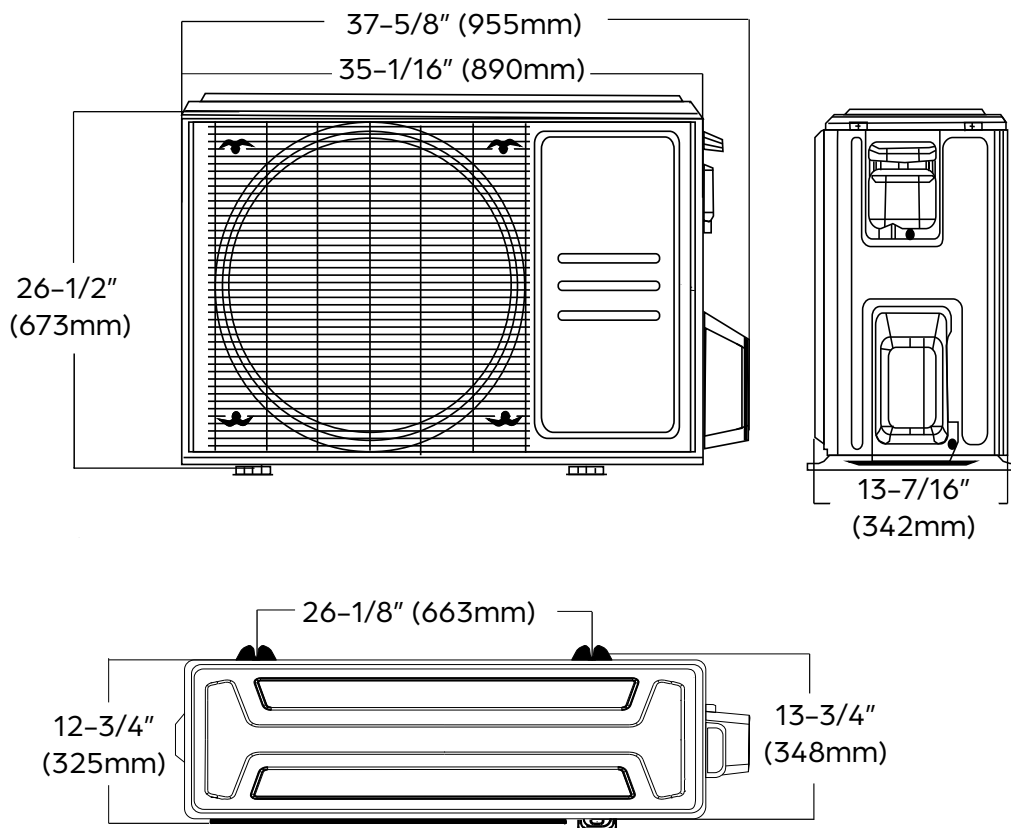
Installation Clearances



Clearances



Dimensions



NOTE

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