





PROJECT NAME _____
 LOCATION _____
 ARCHITECT _____
 ENGINEER _____
 CONTRACTOR _____
 REFERENCE _____
 SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAC0912F2A	Panel: DRACPANA2A*	Outdoor Unit (ODU): DRA1H12S2A	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
- Turbo, ECO, Active Clean, Sleep modes and more
- Humidity control
- 46°F freeze protection
- Included base pan heater
- Anti-corrosive fin coating
- Compatible with DRSTAT101 wired thermostat
- *Panel sold separately

CAPACITIES

Cooling Capacity (BTU/hr)	Rated at 95°F (35°C) ¹	12000
	at 109°F (43°C)	11700
	at 5°F (-15°C)	12100
	Cooling Range	3800~15100
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	12000
	Rated at 17°F (-8°C) ³	10000
	Rated at 5°F (-15°C) ⁴	11500
	at -13°F (-25°C)	5600
	at -22°F (-30°C)	4300
	Heating Range	5300~16200

SYSTEM DATA

Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	35.3 (1.0)
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA

SEER2	22.2
EER2	12.5
HSPF2	11.6
COP at 47°F (8°C) ²	3.70
COP at 17°F (-8°C) ³	2.74
COP at 5°F (-15°C) ⁴	2.00



Specifications are subject to change without notice.

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12,000 BTU/H SIRIUS HEAT™ CEILING CASSETTE HEAT PUMP SYSTEM

SPECIFICATIONS

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid (in. (mm))	Ø1/4 (Ø6.35)
Gas (in. (mm))	Ø3/8 (Ø9.52)
Pre-Charge Length (ft. (m))	25 (7.5)
Minimum Length (ft. (m))	10 (3.0)
Maximum Length (ft. (m))	82 (25.0)
Maximum Height Differential (ft. (m))	49 (15.0)
Additional Refrigerant (oz./ft (g/m))	0.16 (15)

OUTDOOR UNIT		
Unit Dimensions	Width	31-11/16 (805)
	Depth	13 (330)
	Height	21-13/16 (554)
Carton Dimensions	Width	36 (915)
	Depth	14-5/8 (370)
	Height	24-1/4 (615)
Net Weight (lbs. (kg))	72.8 (33.0)	
Gross Weight (lbs. (kg))	78.7 (35.7)	
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 (V)	187-253	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	15.0	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	4.6	
Rated Current - Heating (Amps) ²	4.4	
Sound Pressure (dB(A))	57	

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)

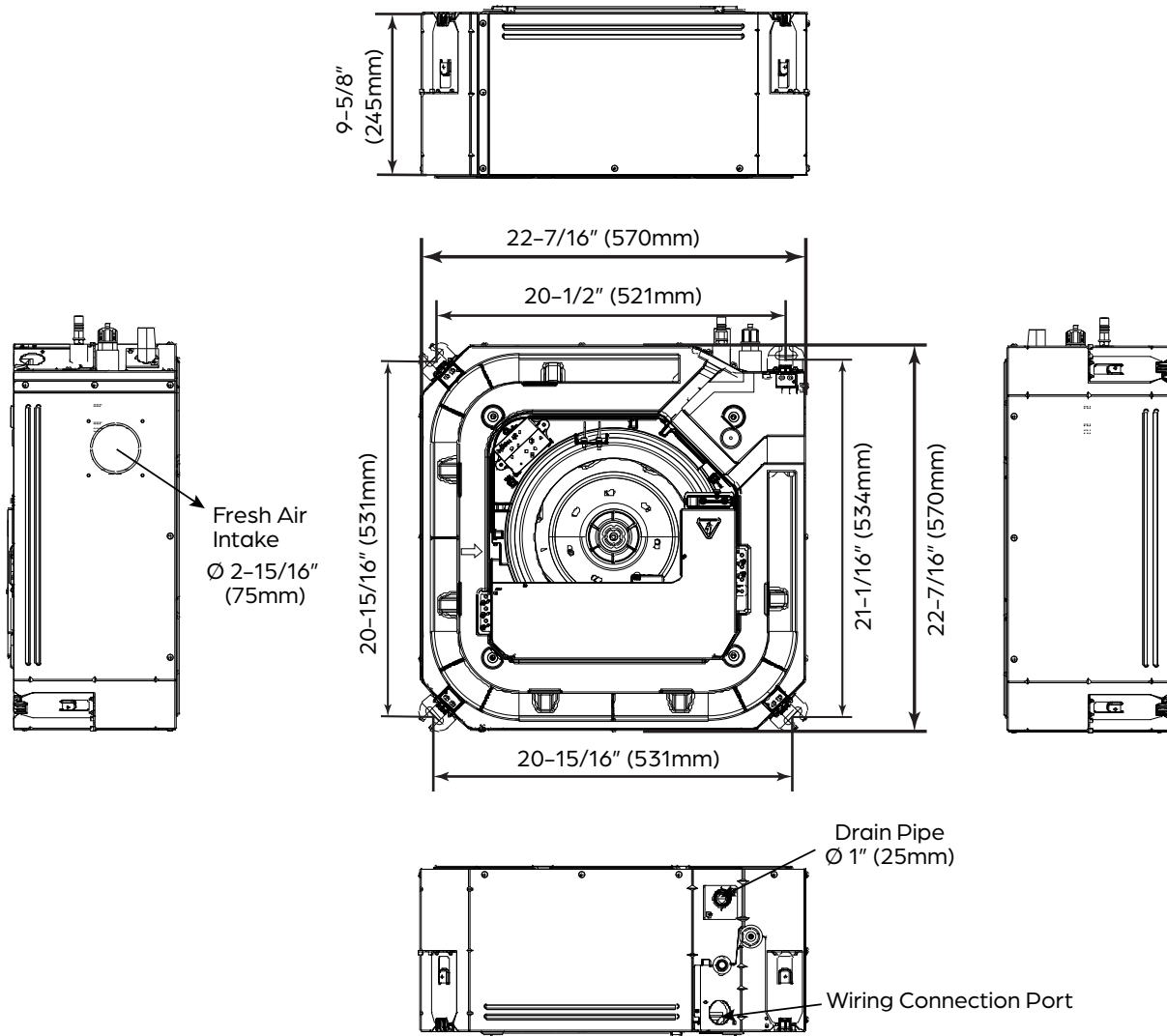
⁴ Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	22-7/16 (570)
	Depth	22-7/16 (570)
	Height	9-5/8 (245)
Carton Dimensions (in. (mm))	Width	28-3/16 (715)
	Depth	25-1/4 (640)
	Height	11-5/8 (295)
Net Weight (lbs. (kg))	35.3 (16.0)	
Gross Weight (lbs. (kg))	41.9 (19.0)	
Indoor Unit Air Flow (CFM (m³/h))	Silent	147 (250)
	Low	194 (330)
	Medium	306 (520)
	High	365 (620)
	Turbo	418 (710)
Moisture Removal (Pints/day (L/h))	76 (1.5)	
Field Supplied Drain Pipe O.D. (in. (mm))	Ø1 (Ø25)	
Drain Pump Lift (in. (mm))	29-1/2 (750)	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	3.0	
Sound Pressure (dB(A))	Silent	26
	Low	28
	Medium	41
	High	44
	Turbo	46

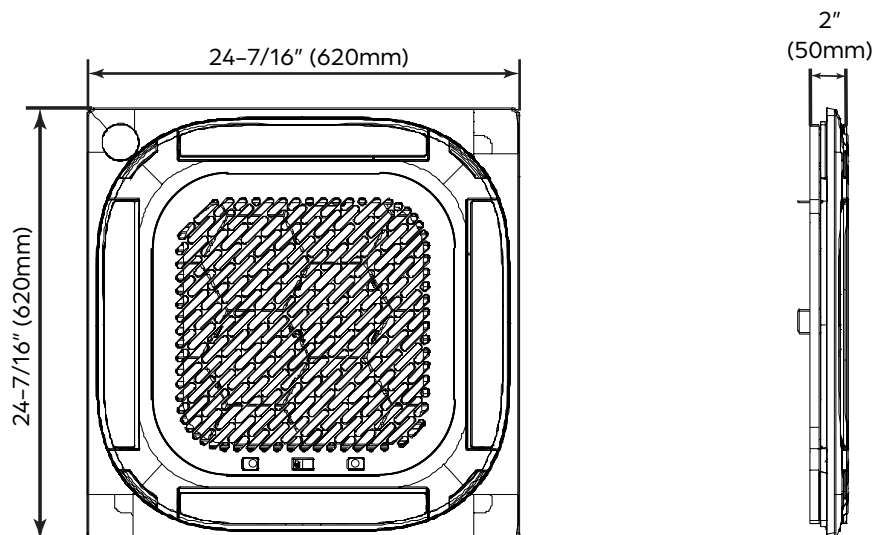
COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	11.8 (350)

12,000 BTU/H SIRIUS HEAT™ CEILING CASSETTE HEAT PUMP SYSTEM

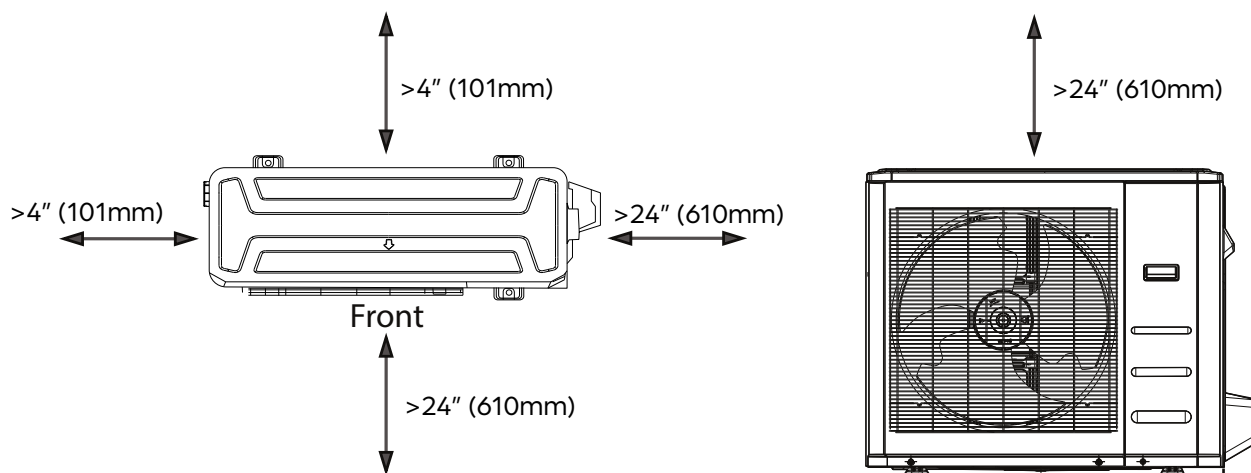
IDU DIMENSIONS - DRAC0912F2A



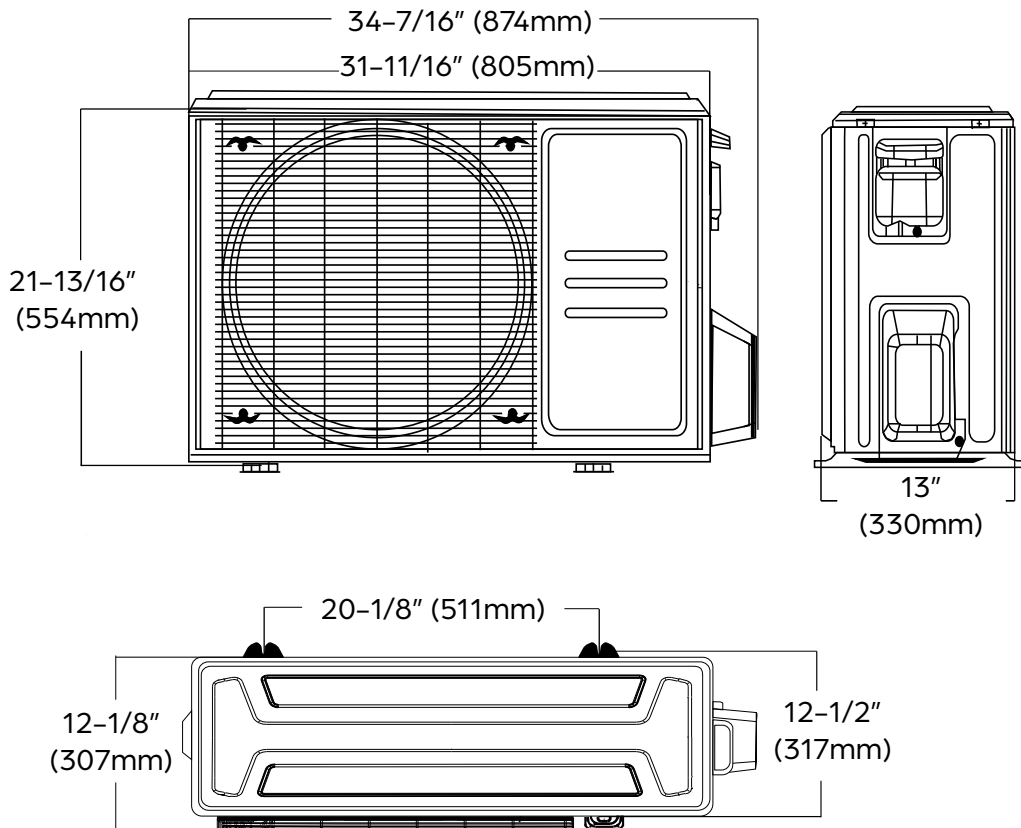
DRACPANA2A:



Clearances



Dimensions



NOTE

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