

PROJECT NAME _____

LOCATION _____

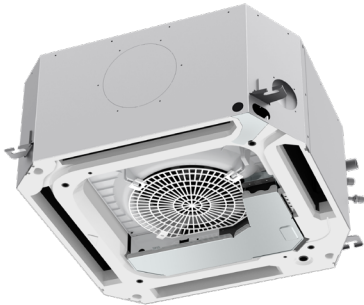

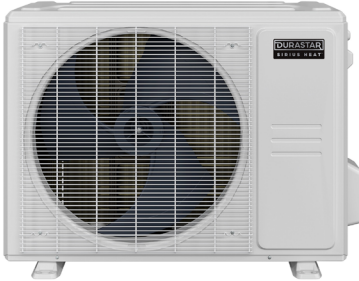

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAC18F2A	Panel: DRACPANA2A*	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
- 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	16000
	at 109°F (43°C)	14000
	at 5°F (-15°C)	18000
	Cooling Range	7000~18500
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	19000
	Rated at 17°F (-8°C) ³	14900
	Rated at 5°F (-15°C) ⁴	17000
	at -13°F (-25°C)	10000
	at -22°F (-30°C)	7800
	Heating Range	8700~20000

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	20.0
EER2	12.5
HSPF2	12.3
COP at 47°F (8°C) ²	3.18
COP at 17°F (-8°C) ³	2.70
COP at 5°F (-15°C) ⁴	1.90

Specifications are subject to change without notice.

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Intertek



18,000 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))	Ø1/2" (Ø12.70mm)
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	29-3/16 (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 (V)	187-253	
Recommended Breaker (Amps)	20	
Minimum Circuit Ampacity (Amps)	19.0	
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))	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)

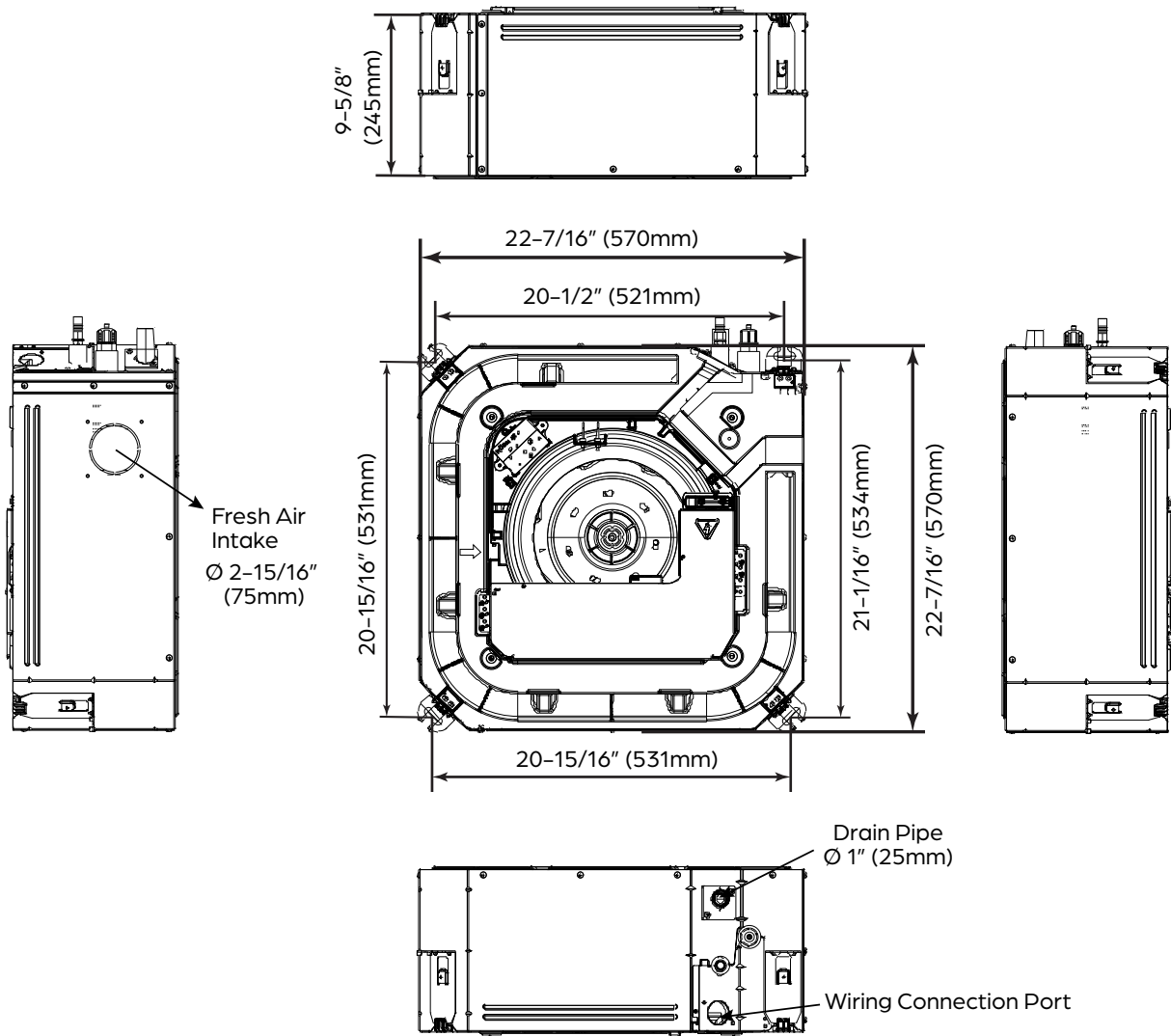
⁴ Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	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	318 (540)
	High	389 (660)
	Turbo	447 (760)
Moisture Removal (Pints/day (L/h))	101 (2.0)	
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	24
	Low	28
	Medium	41
	High	45
	Turbo	48

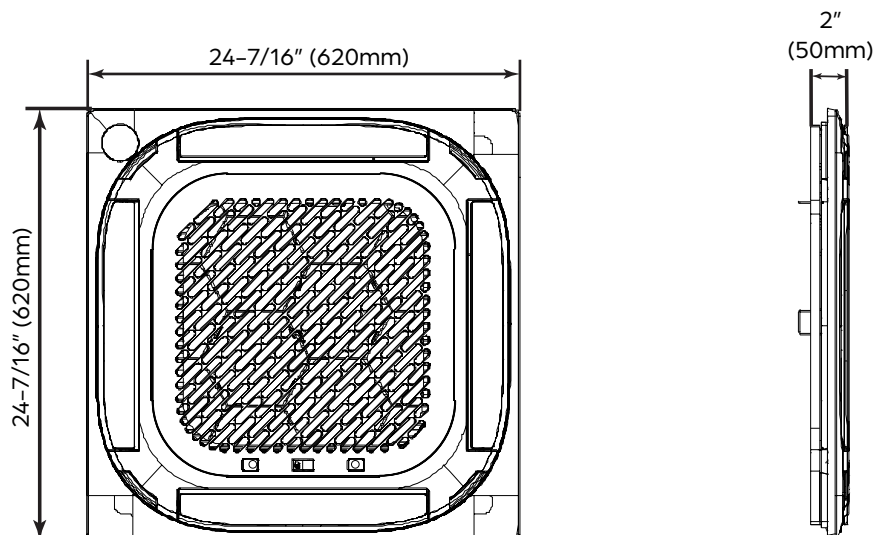
COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	21.0 (620)

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

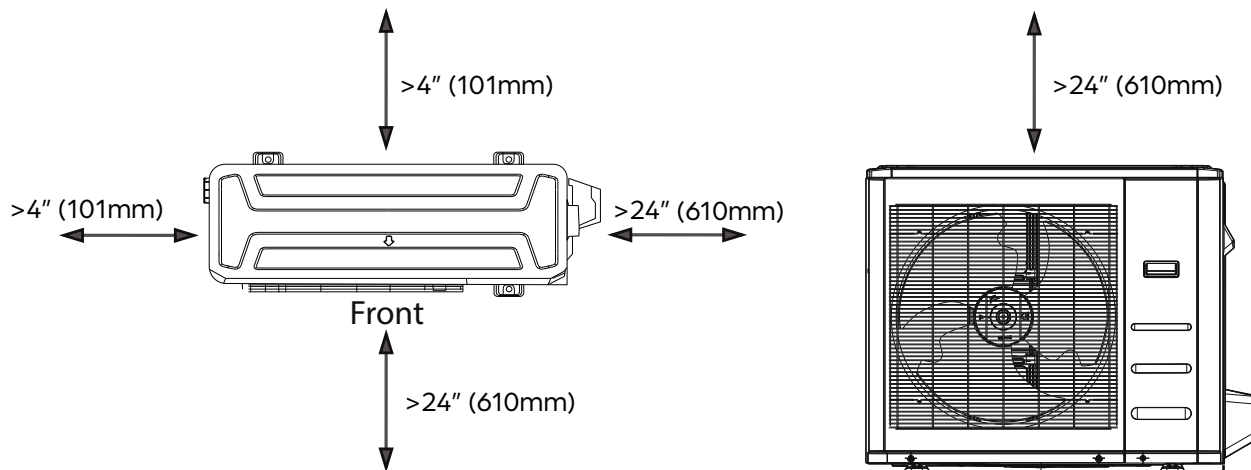
IDU DIMENSIONS - DRAC18F2A



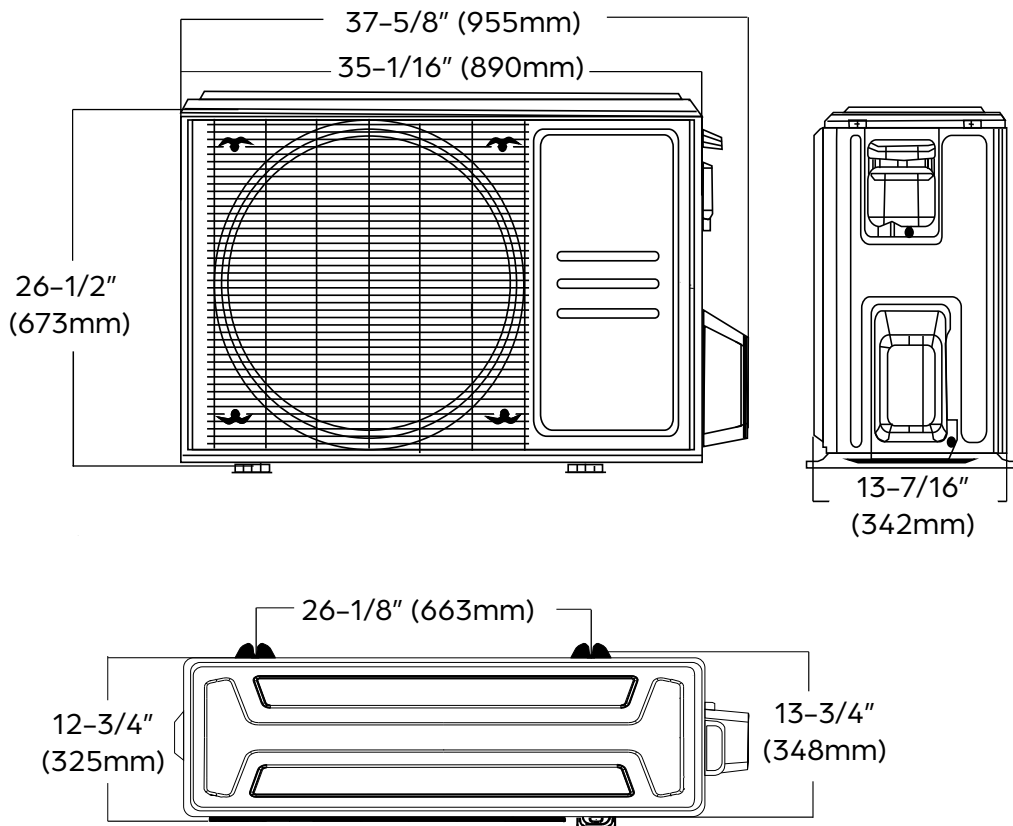
DRACPANA2A:



Clearances



Dimensions



NOTE

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