

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_

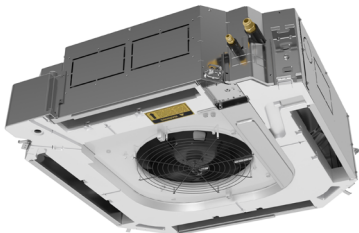



ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_

Indoor Unit (IDU): DRAC24F2A	Panel: DRACPANB1B*	Outdoor Unit (ODU): DRA1H24S2A	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) <sup>1</sup>	23500
	at 109°F (43°C)	21000
	at 5°F (-15°C)	23200
	Cooling Range	12800~26200
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) <sup>2</sup>	25000
	Rated at 17°F (-8°C) <sup>3</sup>	20400
	Rated at 5°F (-15°C) <sup>4</sup>	23800
	at -13°F (-25°C)	12600
	at -22°F (-30°C)	9500
	Heating Range	11500~30700

## SYSTEM DATA

Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	63.5 (1.8)
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) <sup>2</sup>	3.54
COP at 17°F (-8°C) <sup>3</sup>	2.78
COP at 5°F (-15°C) <sup>4</sup>	2.23



Specifications are subject to change without notice.

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# 24,000 BTU/H SIRIUS HEAT™ CEILING CASSETTE HEAT PUMP SYSTEM

## SPECIFICATIONS

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid (in. (mm))	Ø3/8" (Ø9.5mm)
Gas (in. (mm))	Ø5/8" (Ø15.9mm)
Pre-Charge Length (ft. (m))	25 (7.5)
Minimum Length (ft. (m))	10 (3.0)
Maximum Length (ft. (m))	164 (50.0)
Maximum Height Differential (ft. (m))	82 (25.0)
Additional Refrigerant (oz./ft (g/m))	0.32 (30)

OUTDOOR UNIT		
Unit Dimensions	Width	37-1/4 (946)
	Depth	16-1/8 (410)
	Height	31-7/8 (810)
Carton Dimensions	Width	42-15/16 (1090)
	Depth	19-11/16 (500)
	Height	34-7/8 (885)
Net Weight (lbs. (kg))	130.3 (59.1)	
Gross Weight (lbs. (kg))	141.3 (64.1)	
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)	25	
Minimum Circuit Ampacity (Amps)	24.9	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) <sup>1</sup>	8.9	
Rated Current - Heating (Amps) <sup>2</sup>	9.5	
Sound Pressure (dB(A))	62	

<sup>1</sup> Value at AHR1 Rated Capacity at 95°F (35°C) (AFull)

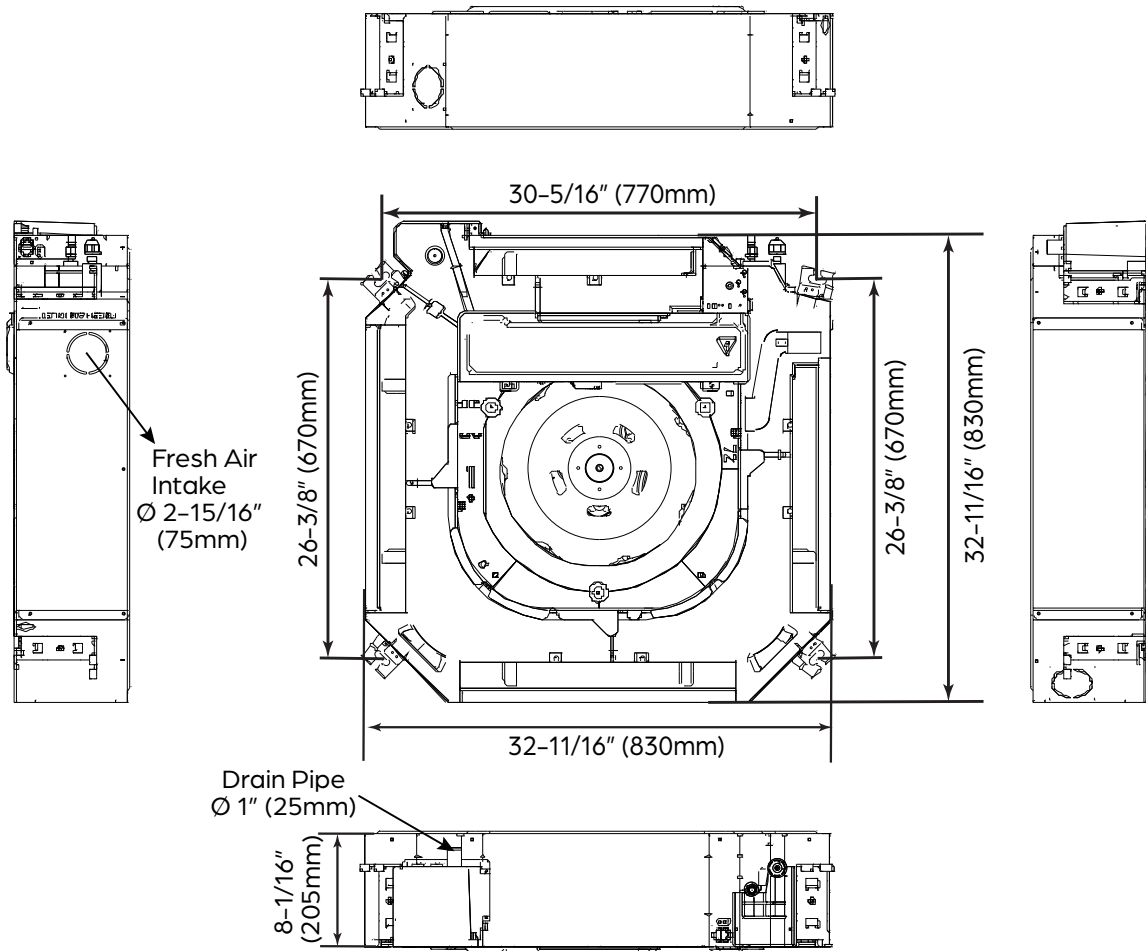
<sup>2</sup> Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

<sup>3</sup> Value at AHR1 Rated Capacity at 17°F (-8°C) (H32)

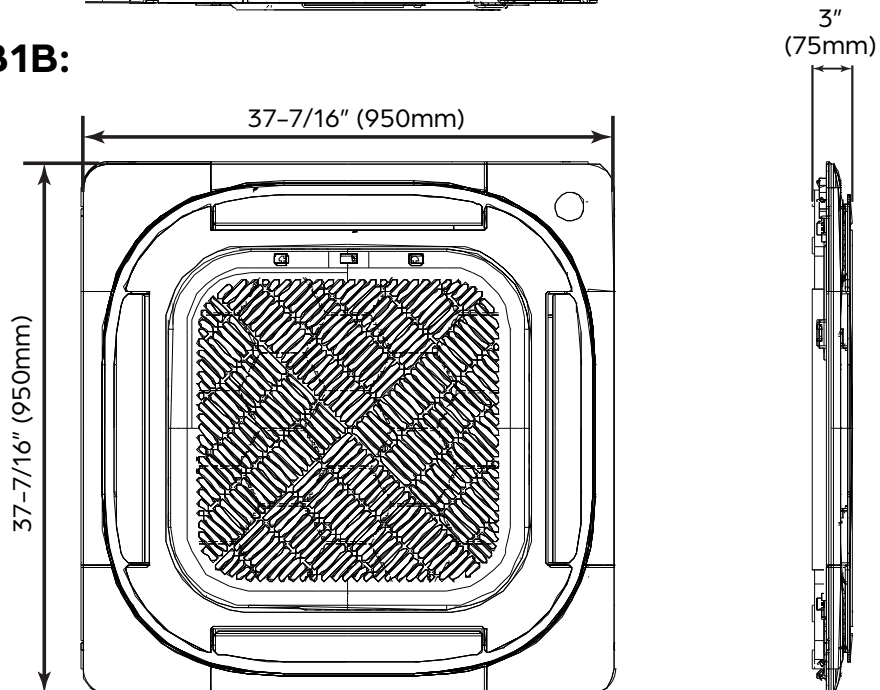
<sup>4</sup> Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	32-11/16 (830)
	Depth	32-11/16 (830)
	Height	8-1/16 (205)
Carton Dimensions (in. (mm))	Width	35-7/8 (910)
	Depth	35-7/8 (910)
	Height	9-7/8 (250)
Net Weight (lbs. (kg))	47.2 (21.4)	
Gross Weight (lbs. (kg))	59.1 (26.8)	
Indoor Unit Air Flow (CFM (m³/h))	Silent	N/A
	Low	547 (930)
	Medium	636 (1080)
	High	706 (1200)
	Turbo	765 (1300)
Moisture Removal (Pints/day (L/h))	101 (2.4)	
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	N/A
	Low	34
	Medium	43
	High	45
	Turbo	49

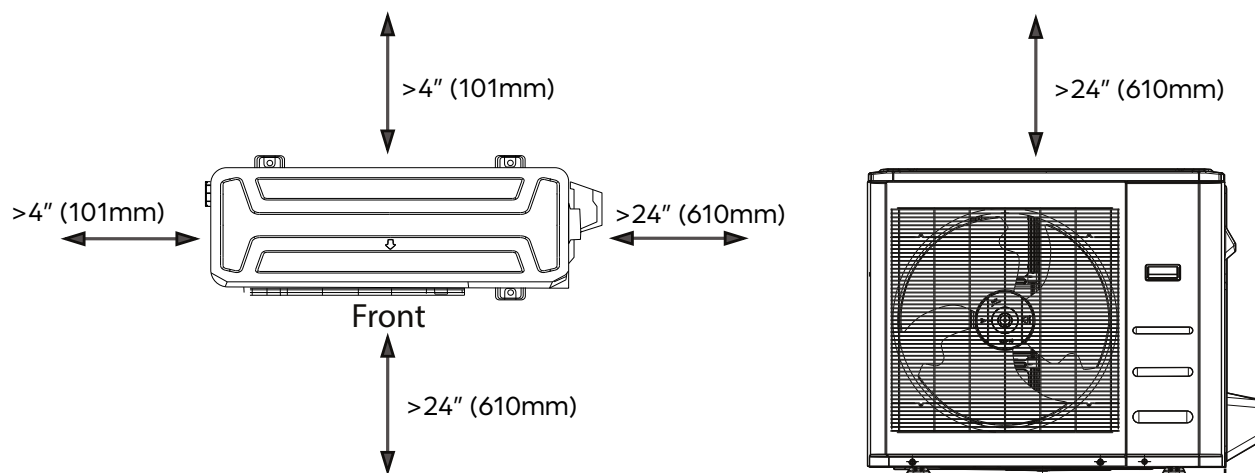
COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	21.0 (620)



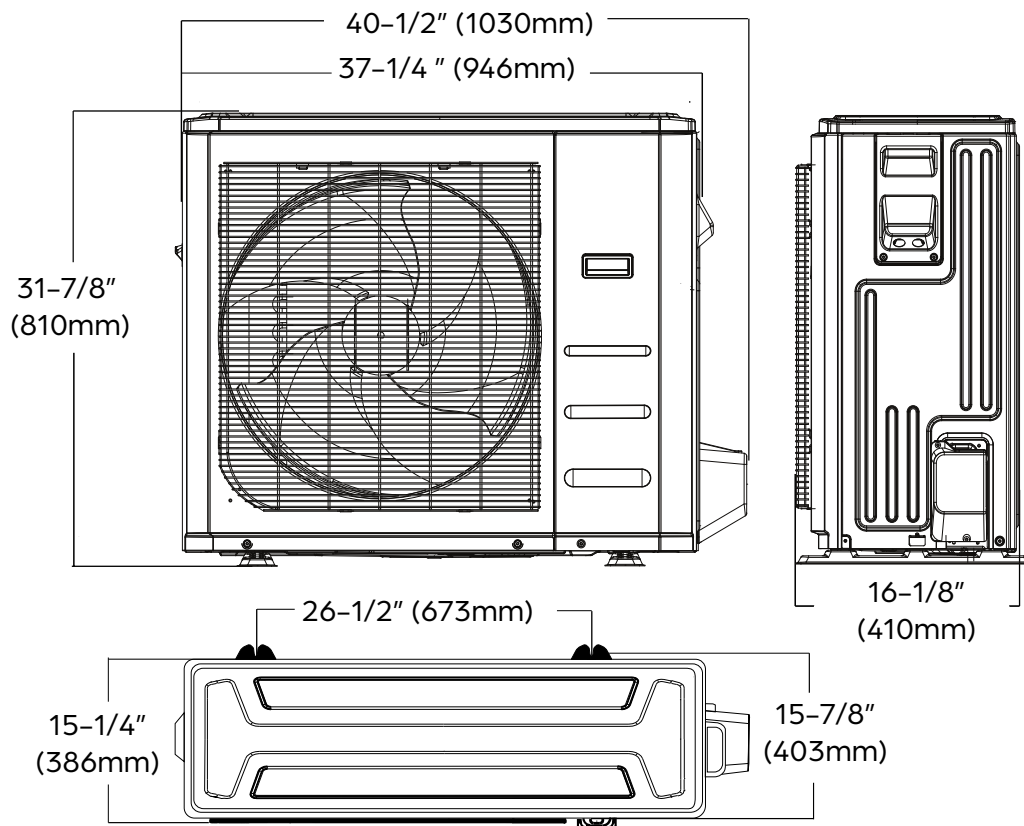
**DRACPANB1B:**



### Clearances



### Dimensions



#### NOTE

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