

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

LOCATION \_\_\_\_\_

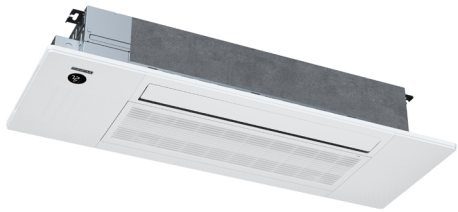


ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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

Indoor Unit (IDU): DRAL0612F2A	Outdoor Unit (ODU): DRA1H06S2A	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
- Auto restart
- 46°F freeze protection
- Included base pan heater
- Anti-corrosive fin coating
- Compatible with DRSTAT101 wired thermostat
- Grille included

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F (35°C) <sup>1</sup>	6200
	at 109°F (43°C)	11200
	at 5°F (-15°C)	12200
	Cooling Range	3600~11200
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) <sup>2</sup>	7400
	Rated at 17°F (-8°C) <sup>3</sup>	7000
	Rated at 5°F (-15°C) <sup>4</sup>	8100
	at -13°F (-25°C)	5300
	at -22°F (-30°C)	4100
	Heating Range	3700~11500

## SYSTEM DATA

Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	32.5 (0.9)
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

## EFFICIENCY DATA

SEER2	22.0
EER2	15.0
HSPF2	12.0
COP at 47°F (8°C) <sup>2</sup>	3.75
COP at 17°F (-8°C) <sup>3</sup>	2.65
COP at 5°F (-15°C) <sup>4</sup>	2.40

Specifications are subject to change without notice.

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Intertek



# 6,000 BTU/H SIRIUS HEAT™ ONE-WAY 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	30-1/8 (765)
	Depth	11-15/16 (303)
	Height	21-7/8 (555)
Carton Dimensions	Width	34-15/16 (887)
	Depth	13-5/16 (337)
	Height	24 (610)
Net Weight (lbs. (kg))	62.2 (28.2)	
Gross Weight (lbs. (kg))	67.7 (30.7)	
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	187-253V	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	12.0	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) <sup>1</sup>	3.0	
Rated Current - Heating (Amps) <sup>2</sup>	4.0	
Sound Pressure (dB(A))	54	

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

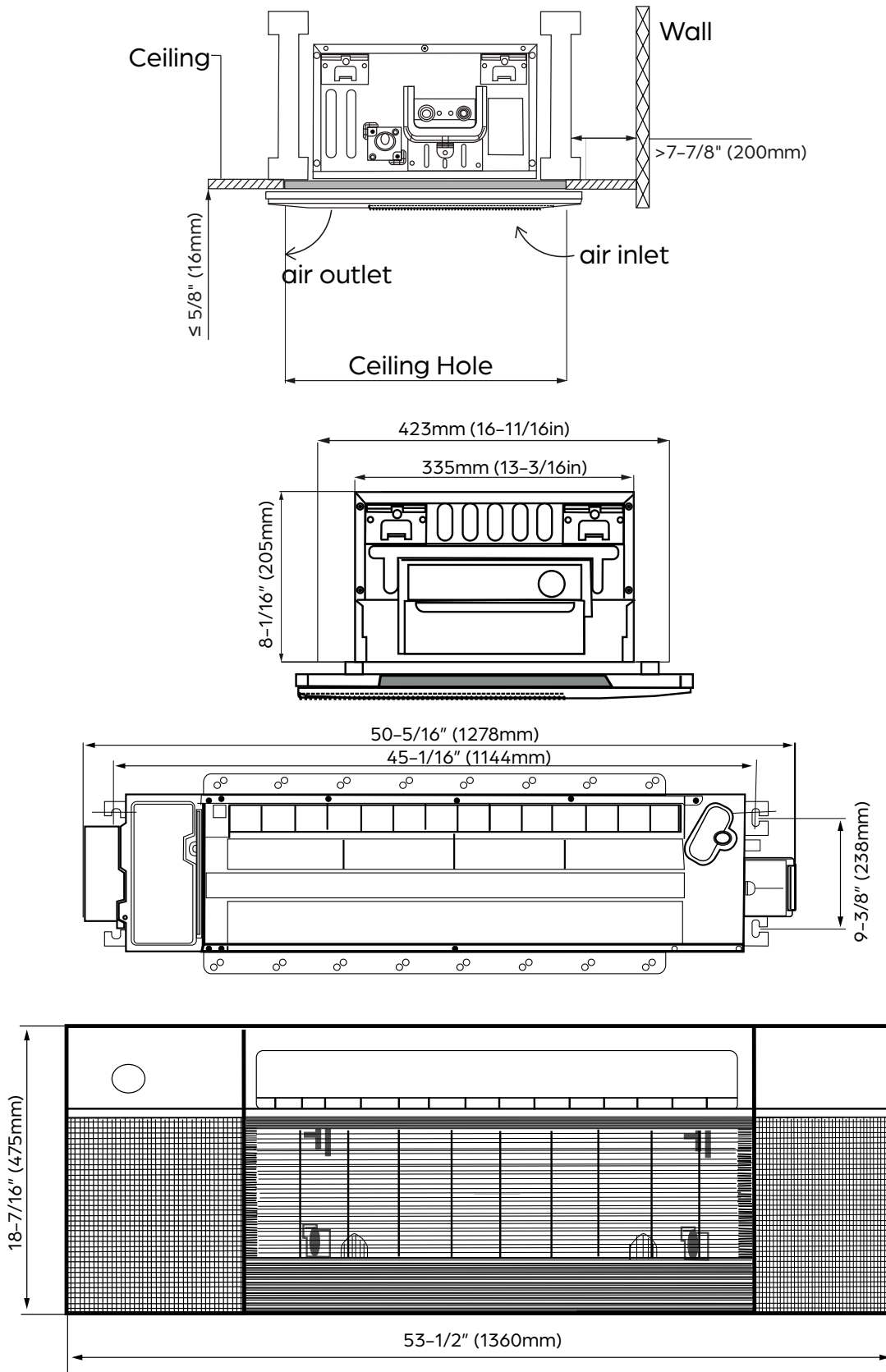
<sup>2</sup> Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

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

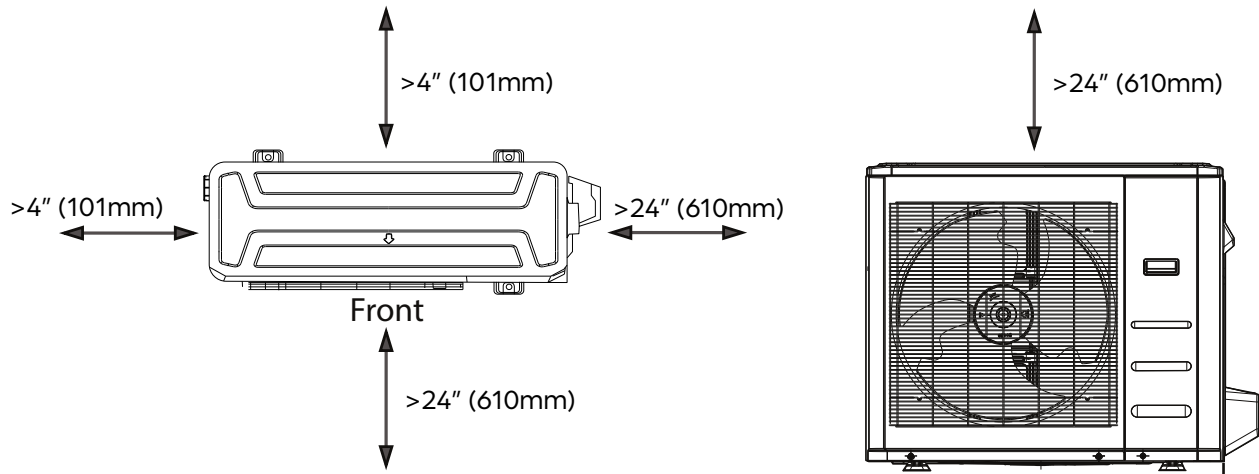
<sup>4</sup> Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	50-5/16 (1278)
	Depth	13-3/16 (335)
	Height	9 (228)
Carton Dimensions (in. (mm))	Width	57-5/8 (1463)
	Depth	22-1/2 (571)
	Height	22-11/16 (575)
Net Weight (lbs. (kg))	45.2 (20.5)	
Gross Weight (lbs. (kg))	82.5 (37.4)	
Indoor Unit Air Flow (CFM (m³/h))	Silent	177 (300)
	Low	247 (420)
	Medium	283 (480)
	High	312 (530)
	Turbo	353 (600)
Moisture Removal (Pints/day (L/h))	17.2 (0.3)	
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	26
	Medium	36
	High	38
	Turbo	47

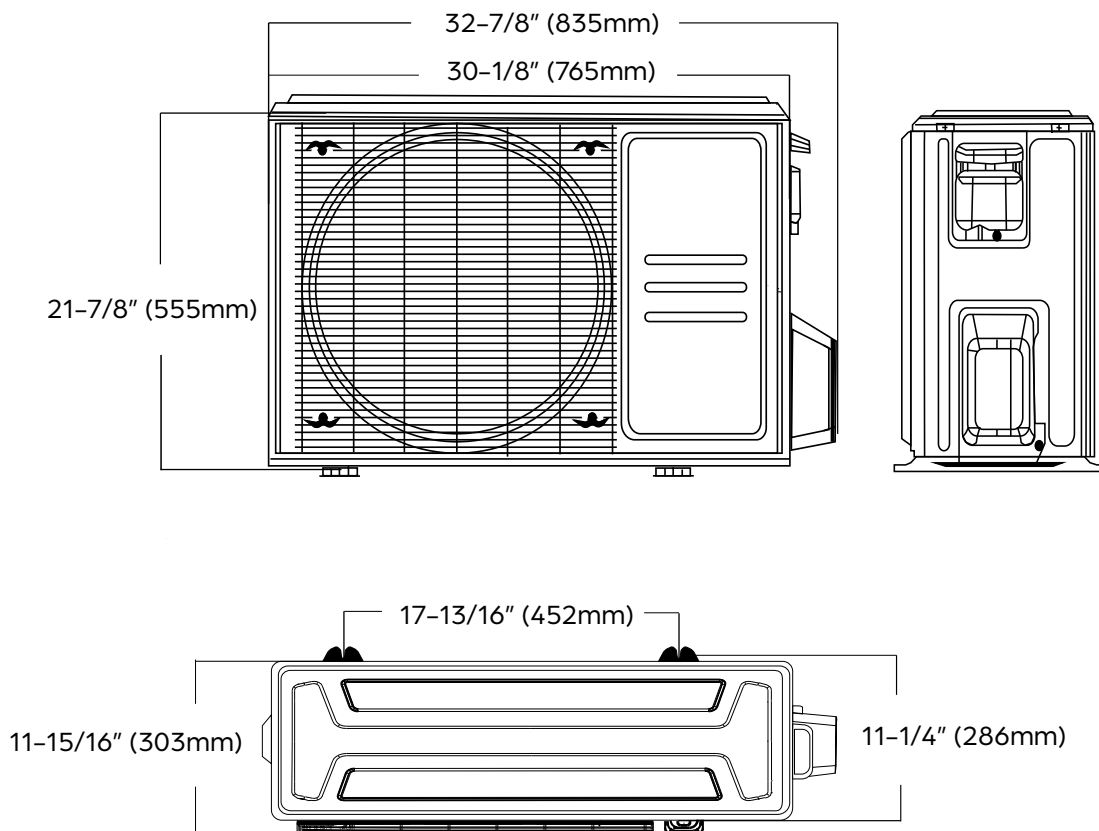
COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	10.5 (310)



### Clearances



### Dimensions



#### NOTE

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