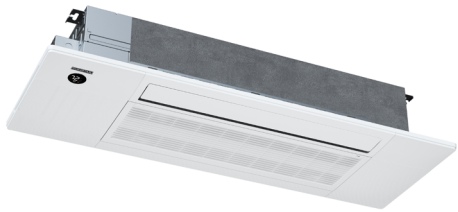




PROJECT NAME _____
 LOCATION _____
 ARCHITECT _____
 ENGINEER _____
 CONTRACTOR _____
 REFERENCE _____
 SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAL0612F2A	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
- 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) ¹	12000
	at 109°F (43°C)	11900
	at 5°F (-15°C)	13200
	Cooling Range	4000~13900
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	12500
	Rated at 17°F (-8°C) ³	9600
	Rated at 5°F (-15°C) ⁴	11500
	at -13°F (-25°C)	6300
	at -22°F (-30°C)	5100
	Heating Range	4600~15200

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	23.0
EER2	13.0
HSPF2	10.0
COP at 47°F (8°C) ²	3.56
COP at 17°F (-8°C) ³	2.66
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™ 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	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	187-253V	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	15.0	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	4.3	
Rated Current - Heating (Amps) ²	4.6	
Sound Pressure (dB(A))	56	

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

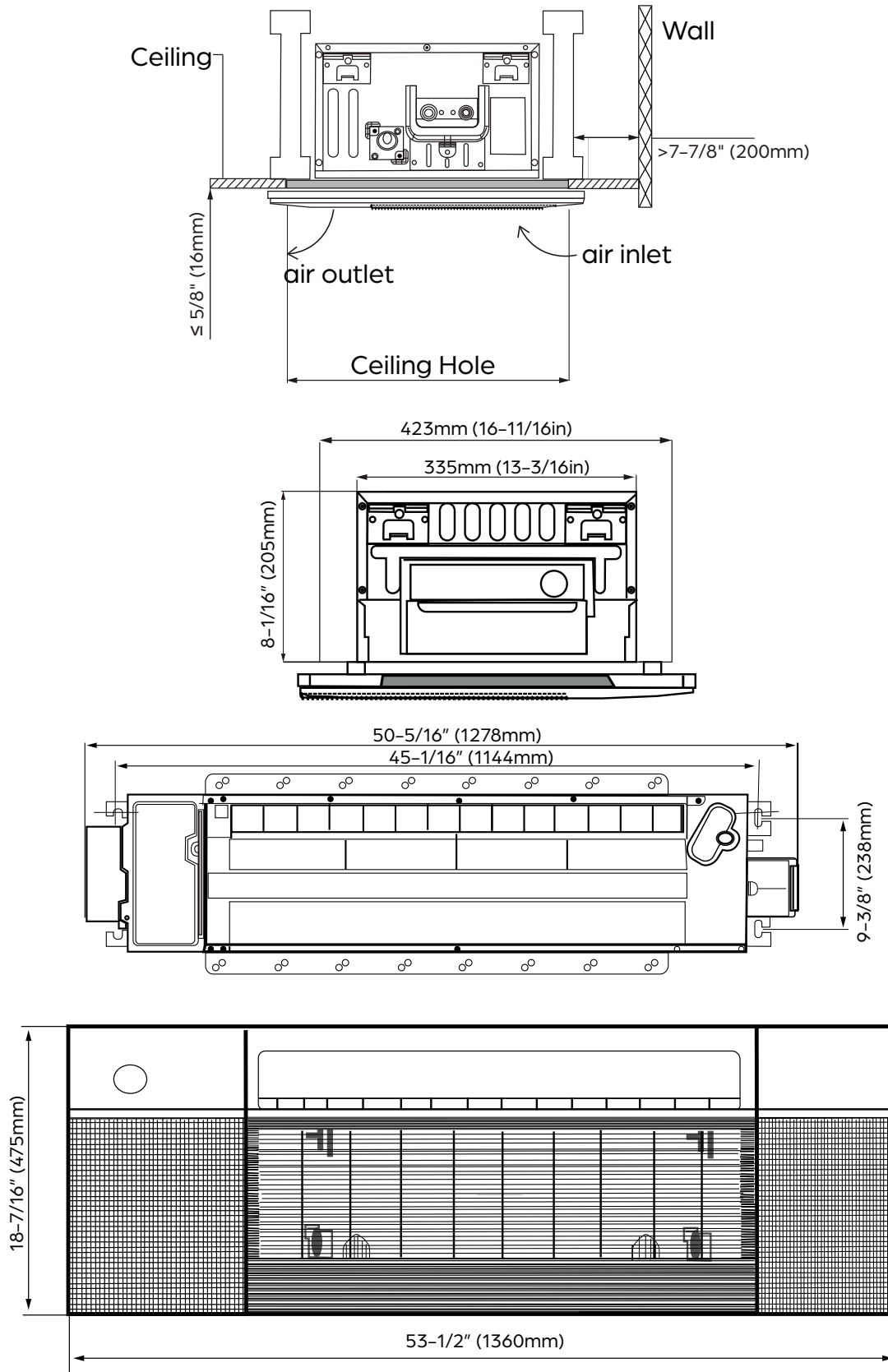
² Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

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

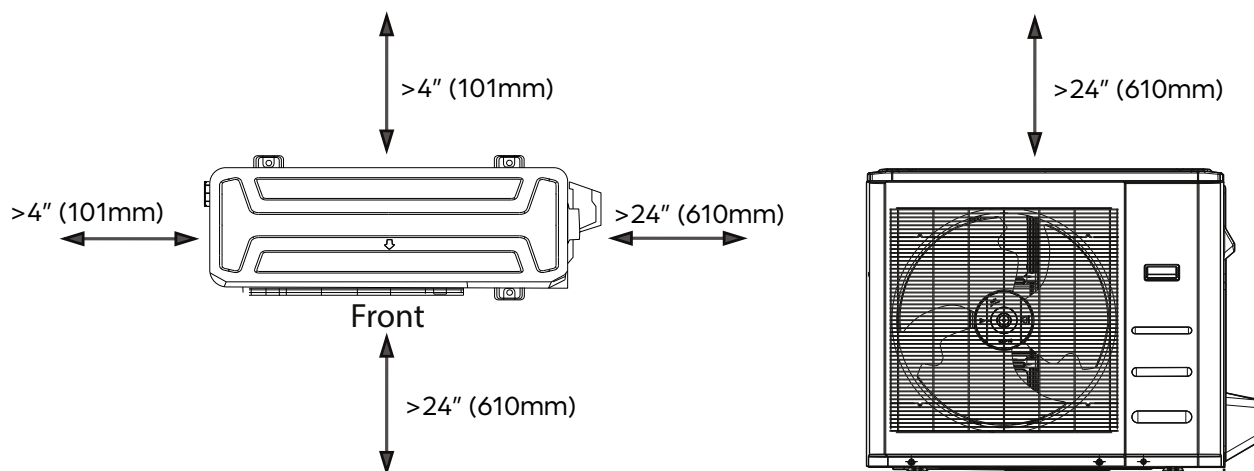
⁴ Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	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))	86 (1.7)	
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	33
	Medium	37
	High	41

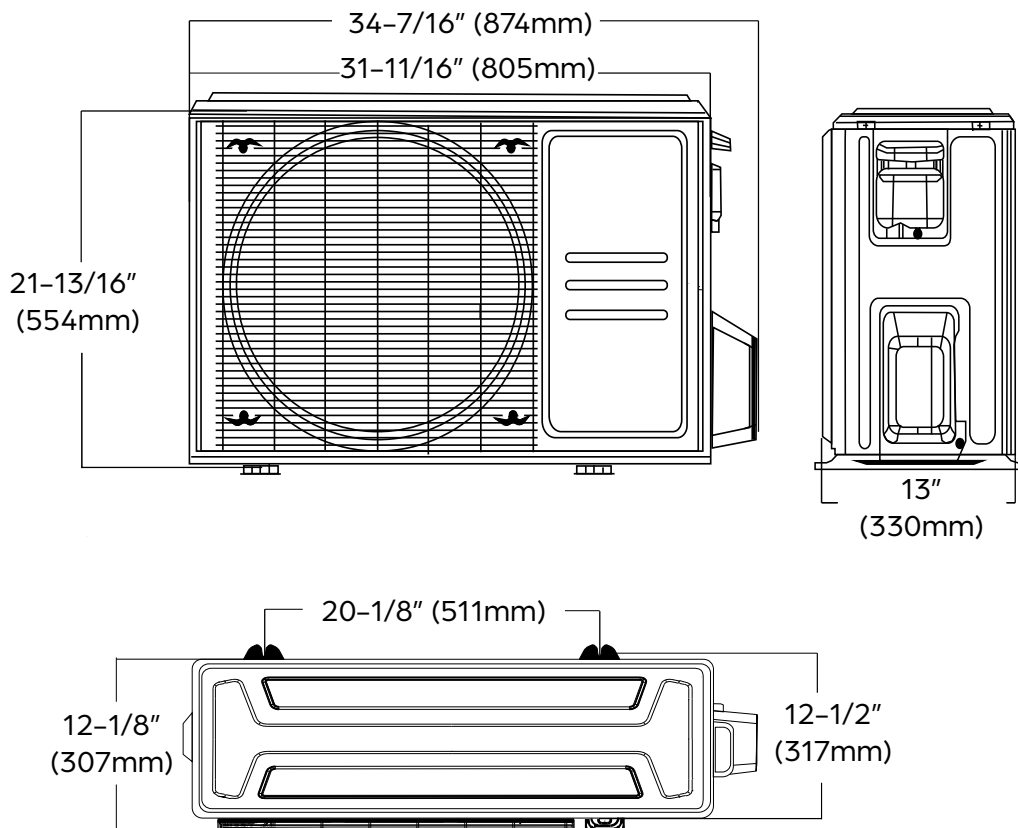
COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	11.8 (350)



Clearances



Dimensions



NOTE

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