

PROJECT NAME _____

LOCATION _____

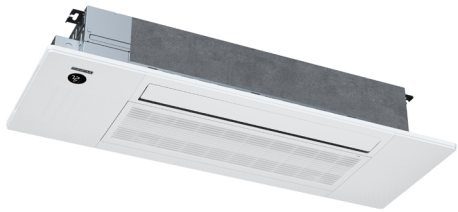
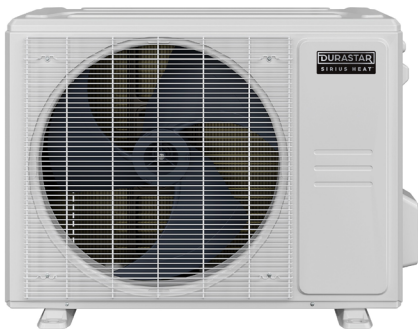

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAL18F2A	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
- 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	16700
	at 109°F (43°C)	14500
	at 5°F (-15°C)	18800
	Cooling Range	5700~19000
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	20000
	Rated at 17°F (-8°C) ³	14500
	Rated at 5°F (-15°C) ⁴	17500
	at -13°F (-25°C)	11000
	at -22°F (-30°C)	9500
	Heating Range	8900~22000

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	20.6
EER2	12.5
HSPF2	12.2
COP at 47°F (8°C) ²	3.01
COP at 17°F (-8°C) ³	2.50
COP at 5°F (-15°C) ⁴	1.89

Specifications are subject to change without notice.

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Intertek



18,000 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	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		187-253V
Recommended Breaker (Amps)		20
Minimum Circuit Ampacity (Amps)		19.0
Communication Wire Size		14*4 AWG Stranded
Rated Current - Cooling (Amps) ¹		8.3
Rated Current - Heating (Amps) ²		12.0
Sound Pressure (dB(A))		59

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

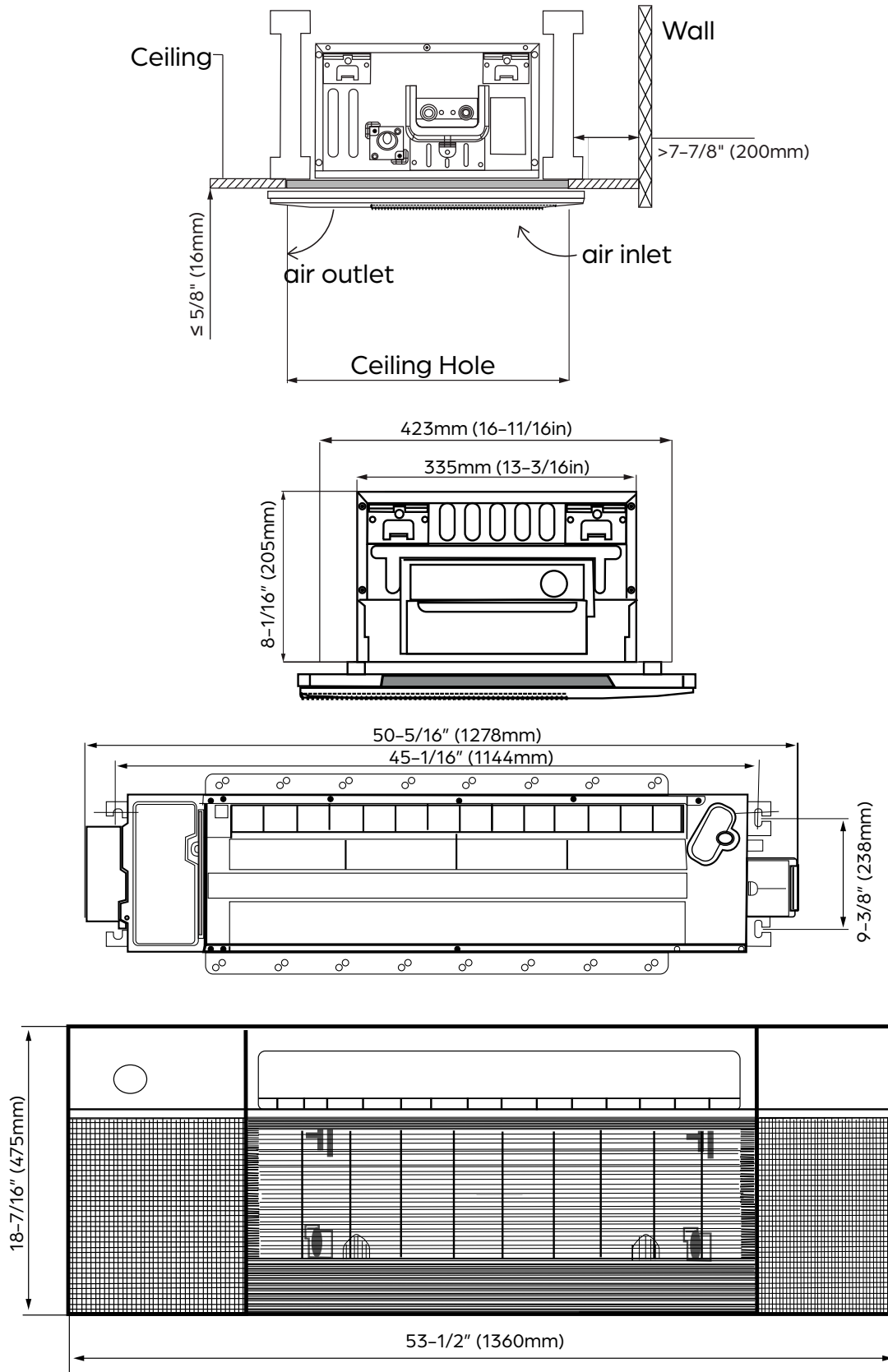
² Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

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

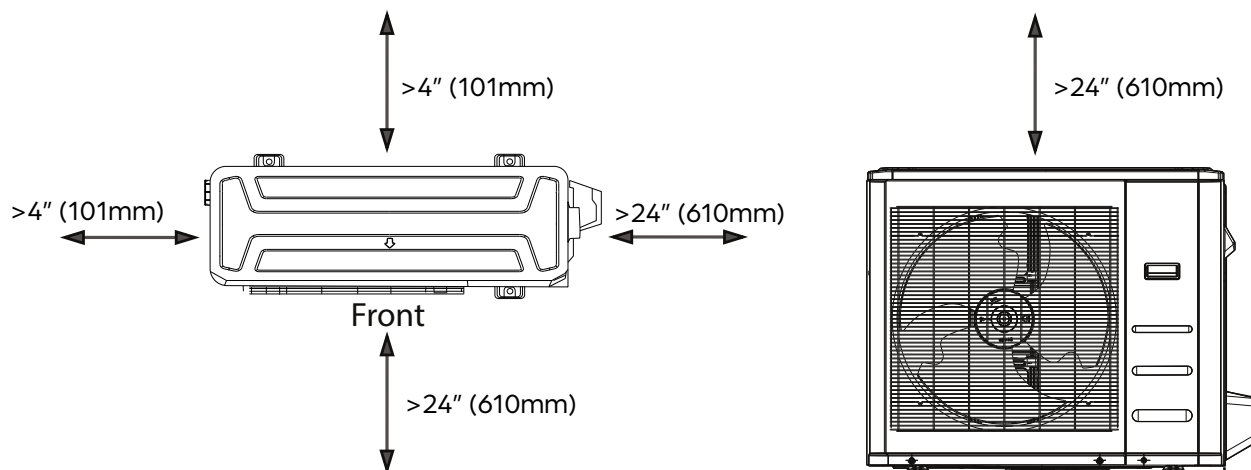
⁴ Value at AHR1 Rated Capacity at 5°F (-15°C) (H42)

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))	Low	207 (352)
	Medium	300 (510)
	High	352 (598)
	Turbo	400 (680)
Moisture Removal (Pints/day (L/h))		107 (2.1)
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	31
	Medium	42
	High	44

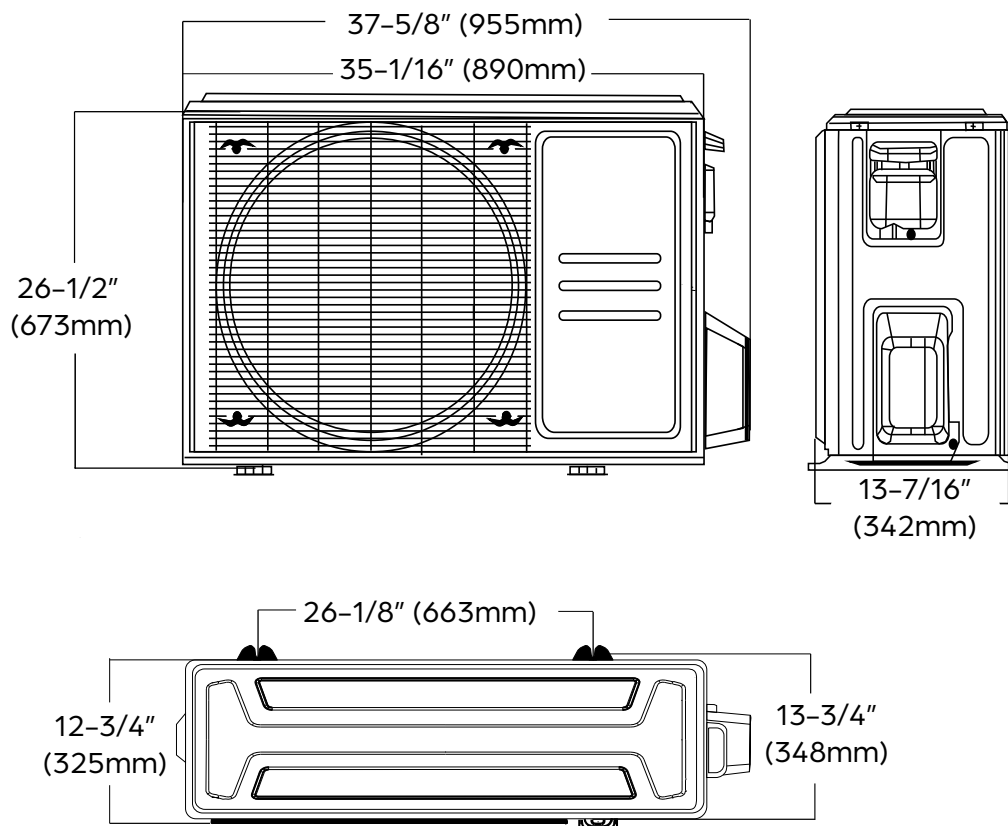
COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	21 (620)



Clearances



Dimensions



NOTE

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