

PROJECT NAME _____

LOCATION _____

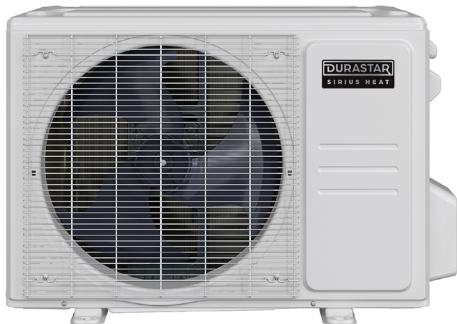
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAW12F2A	Outdoor Unit (ODU): DRA1H12S2A	Wireless Remote Control
		

PRODUCT FEATURES

- Up to 100% heating capacity at 0°F
- Low ambient heating down to -22°F
- Low ambient 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
- Auto restart
- 46°F freeze protection
- Included base pan heater
- Anti-corrosive fin coating
- Compatible with DRSTAT101 wired thermostat

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F (35°C) ¹	12000
	at 109°F (43°C)	10900
	at 5°F (-15°C)	12000
	Cooling Range	3600~13500
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	12000
	Rated at 17°F (-8°C) ³	10000
	Rated at 5°F (-15°C) ⁴	11500
	at -13°F (-25°C)	7500
	at -22°F (-30°C)	5800
	Heating Range	3800~16000

SYSTEM DATA

Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	35.3 (1.00)
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA

SEER2	24.0
EER2	13.2
HSPF2	10.5
COP at 47°F (8°C) ²	3.63
COP at 17°F (-8°C) ³	2.60
COP at 5°F (-15°C) ⁴	1.80





SIRIUS HEAT™ WALL MOUNT HEAT PUMP SYSTEM

12,000 BTU/H

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	14-9/16 (370)
	Height	24-3/16 (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 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	15	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	4.1	
Rated Current - Heating (Amps) ²	4.3	
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	31-9/16 (802)
	Depth	7-7/8 (200)
	Height	11-5/8 (295)
Carton Dimensions (in. (mm))	Width	34-7/16 (875)
	Depth	11-1/4 (285)
	Height	15 (380)
Net Weight (lbs. (kg))	19.0 (8.6)	
Gross Weight (lbs. (kg))	24.3 (11.0)	
Indoor Unit Air Flow (CFM (m³/h))	Low	153 (260)
	Medium	194 (330)
	High	294 (500)
	Turbo	383 (650)
Moisture Removal (Pints/day (L/h))	71 (1.4)	
Drain Port O.D. (in. (mm))	Ø5/8 (Ø16)	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	3.0	
Sound Pressure (dB(A))	Silent	20
	Low	23
	Medium	36
	High	40

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



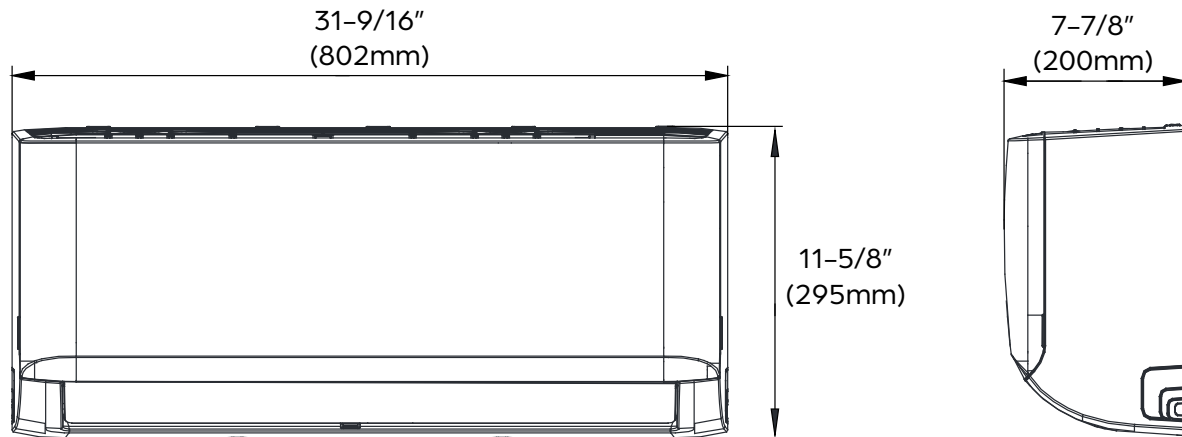
SIRIUS HEAT™

SIRIUS HEAT™ WALL MOUNT HEAT PUMP SYSTEM

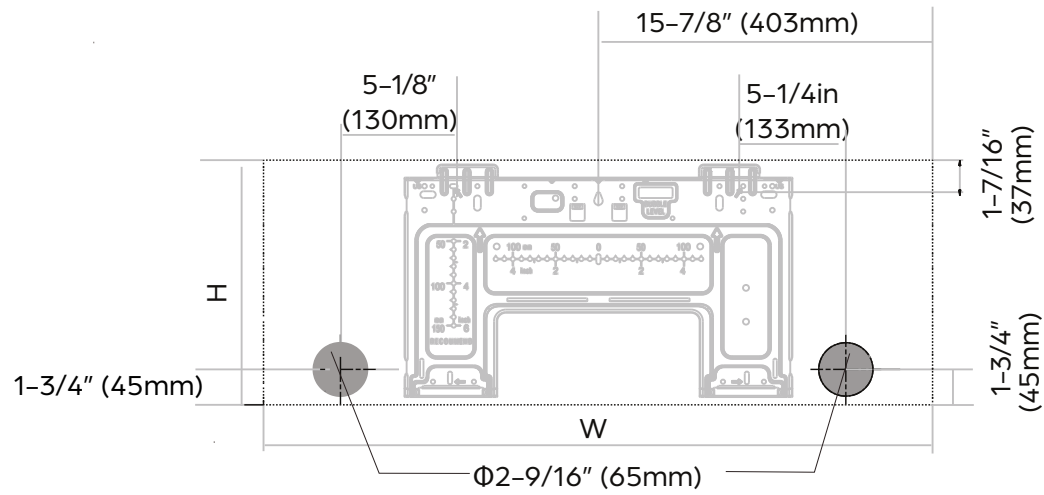
12,000 BTU/H

IDU DIMENSIONS – DRAW12F2A

Unit Dimensions



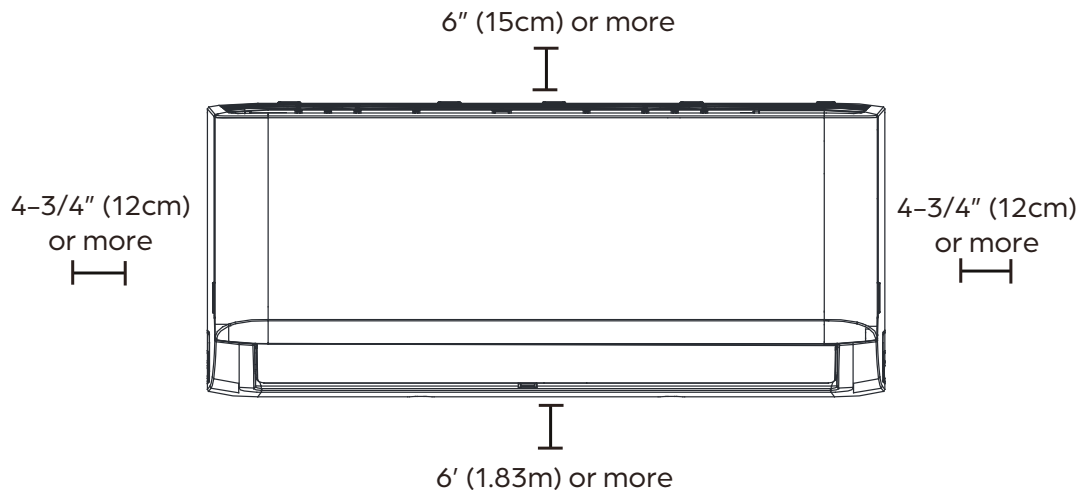
Mounting Plate Dimensions



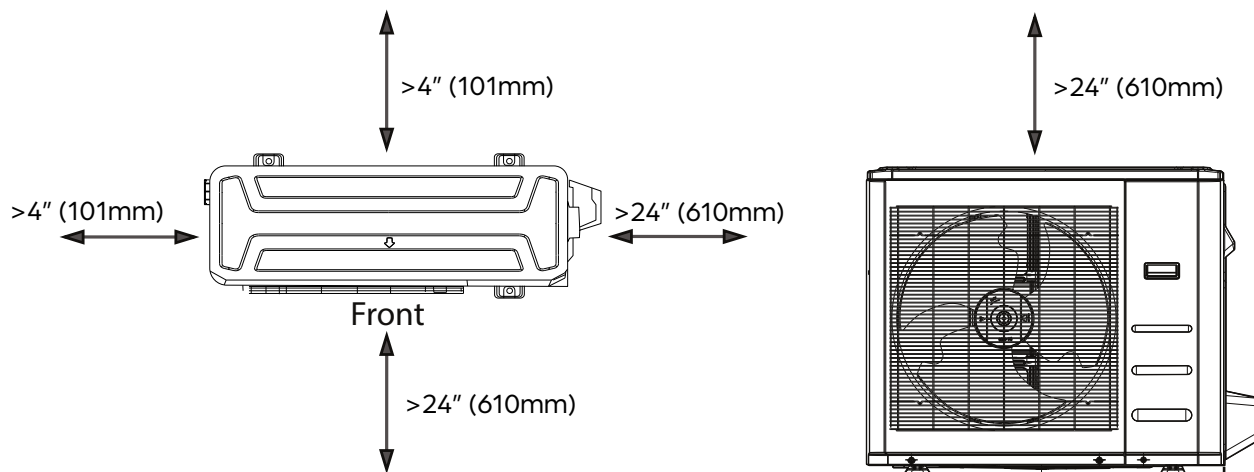
Indoor unit dimensions (WxH):

31-9/16" (802mm) x 11-5/8" (295mm)

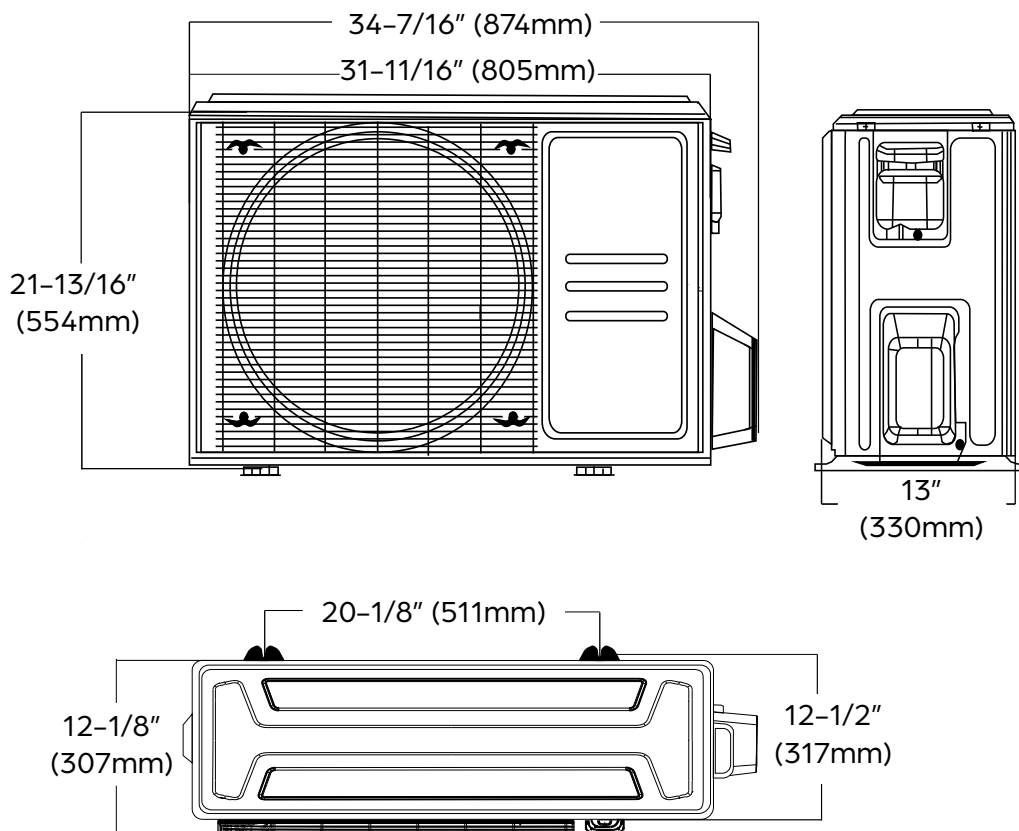
Clearance Distances



Clearances



Dimensions



NOTE

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