

PROJECT NAME _____

LOCATION _____




ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____

Indoor Unit (IDU): DRAW33F2A	Outdoor Unit (ODU): DRA1H33S2A	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	33000
	at 109°F (43°C)	32000
	at 5°F (-15°C)	36600
	Cooling Range	15000~35900
Heating Capacity (BTU/hr)	Rated at 47°F (8°C) ²	36000
	Rated at 17°F (-8°C) ³	29600
	Rated at 5°F (-15°C) ⁴	34600
	at -13°F (-25°C)	21100
	at -22°F (-30°C)	17700
	Heating Range	19900~38200

SYSTEM DATA

Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	87.1 (2.47)
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA

SEER2	20.0
EER2	11.7
HSPF2	10.5
COP at 47°F (8°C) ²	3.22
COP at 17°F (-8°C) ³	2.61
COP at 5°F (-15°C) ⁴	1.91





SIRIUS HEAT™ WALL MOUNT HEAT PUMP SYSTEM

33,000 BTU/H

SPECIFICATIONS

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid (in. (mm))	Ø3/8" (Ø9.52)
Gas (in. (mm))	Ø3/4" (Ø19)
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))	157.0 (71.2)	
Gross Weight (lbs. (kg))	168.0 (76.2)	
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)	35	
Minimum Circuit Ampacity (Amps)	34	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) ¹	12.6	
Rated Current - Heating (Amps) ²	14.1	
Sound Pressure (dB(A))	64	

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

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

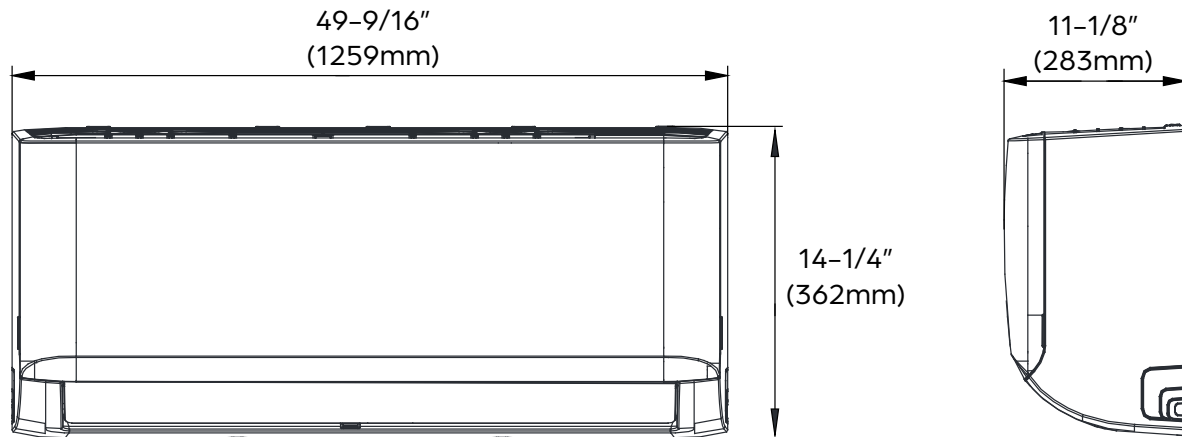
³ Value at AHR1 Rated Capacity at 17°F (-8°C) (H32)

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

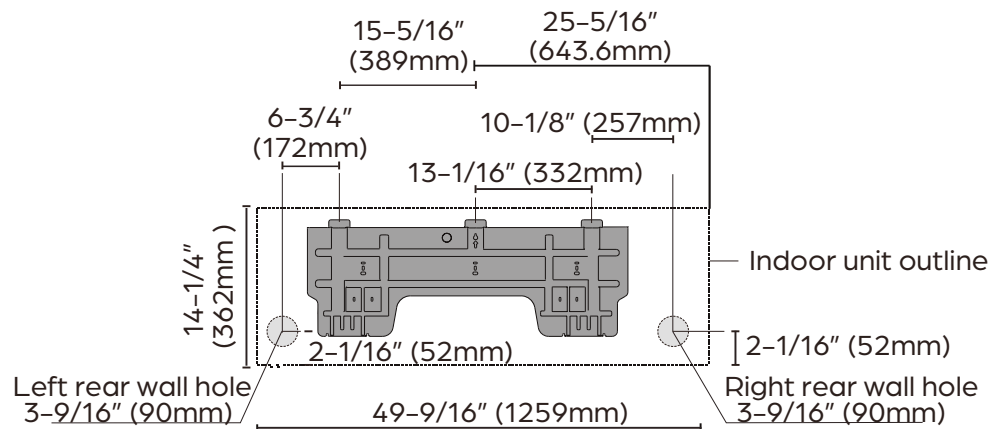
INDOOR UNIT		
Unit Dimensions (in. (mm))	Width	49-9/16 (1259)
	Depth	11-1/8 (283)
	Height	14-1/4 (362)
Carton Dimensions (in. (mm))	Width	52-3/4 (1340)
	Depth	15-3/16 (385)
	Height	17-3/4 (450)
Net Weight (lbs. (kg))	43.2 (19.6)	
Gross Weight (lbs. (kg))	57.3 (26.0)	
Indoor Unit Air Flow (CFM (m³/h))	Low	447 (760)
	Medium	530 (900)
	High	677 (1150)
	Turbo	830 (1410)
Moisture Removal (Pints/day (L/h))	228 (4.5)	
Drain Port O.D. (in. (mm))	Ø5/8 (Ø16)	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	3.0	
Sound Pressure (dB(A))	Silent	23
	Low	30
	Medium	47
	High	53
	Turbo	56

COMPRESSOR	
Type	DC Twin Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz. (ml))	33.8 (1000)

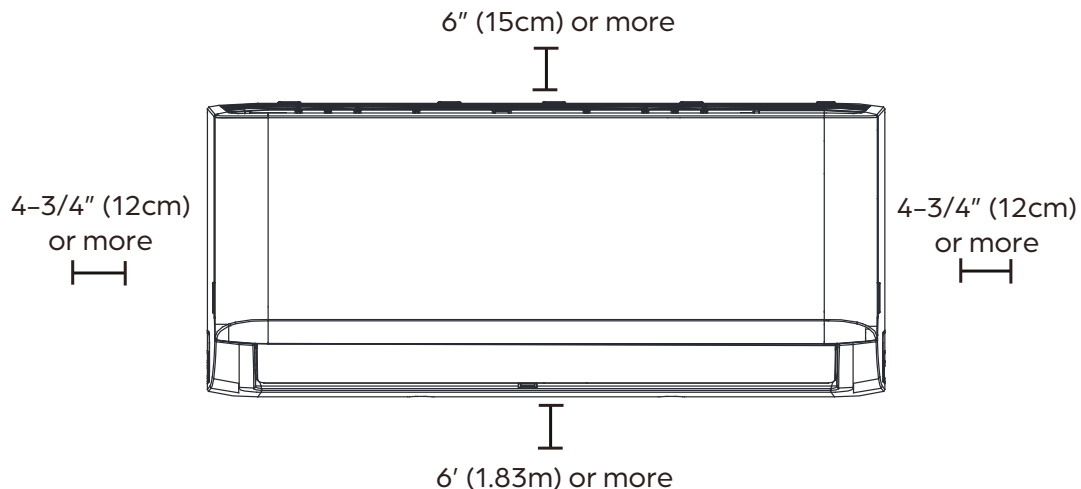
Unit Dimensions



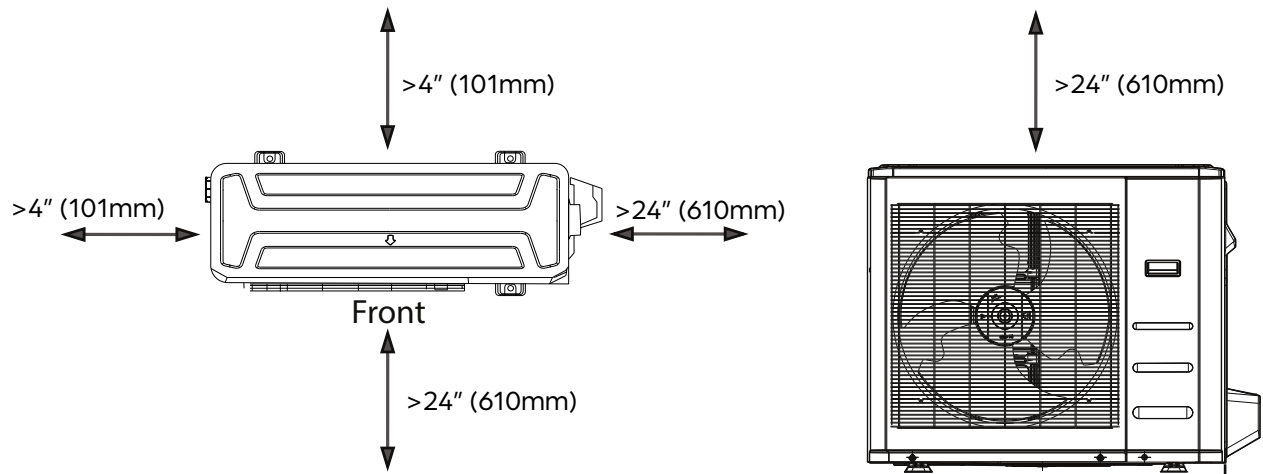
Mounting Plate Dimensions



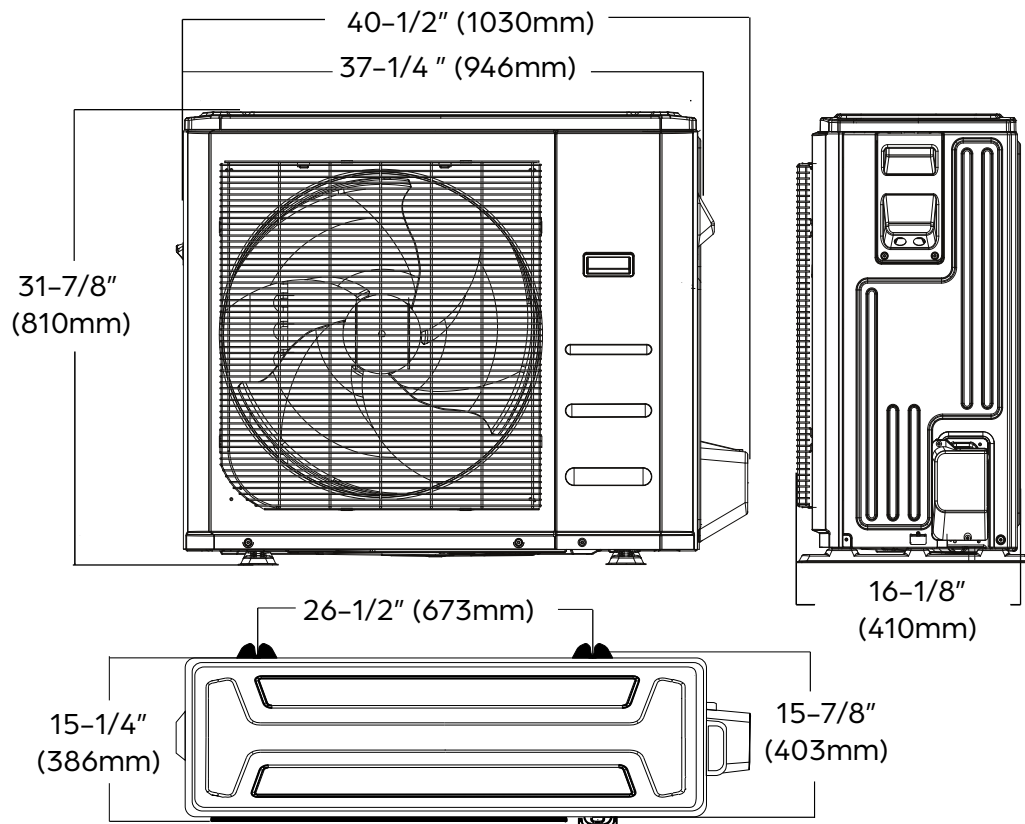
Clearance Distances



Clearances



Dimensions



NOTE

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