



**SIRIUS HEAT™**

# 33,000 BTU/H SIRIUS HEAT WALL MOUNTED HEAT PUMP

SUBMITTAL COVER SHEET

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

LOCATION \_\_\_\_\_




ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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

Indoor Unit (IDU): DRAW33F1B	Outdoor Unit (ODU): DRA1H33S1A	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 5°F
- Wireless Remote Control with "Follow Me" Technology
- Variable Speed Inverter Compressor
- Auto Restart
- Sleep Mode
- Turbo Mode
- Quiet operation
- 46°F Freeze Protection
- Included base pan heater
- Refrigerant leak detection
- Anti-corrosive fin coating
- **Indoor unit gas line adaptor included for multi-zone applications (3/4 -> 5/8). Must run 5/8 gas line.**

EFFICIENCY DATA	
SEER2	20.0
EER2	11.7
HSPF2	10.0
COP at 47°F <sup>2</sup>	3.06
COP at 17°F <sup>4</sup>	2.35
COP at 5°F <sup>5</sup>	1.80

SYSTEM DATA	
Refrigerant Type	R-410A
Refrigerant Charge (oz.)	102.29
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95°F <sup>1</sup>	33000
	Maximum at 109°F	33800
	Maximum at 5°F <sup>3</sup>	33000
	Minimum	15000
	Maximum	38000
Heating Capacity (BTU/hr)	Rated at 47°F <sup>2</sup>	35000
	Rated at 17°F <sup>4</sup>	27800
	Rated at 5°F <sup>5</sup>	34600
	Minimum	19000
	Maximum	36600

Specifications are subject to change without notice.  
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# 33,000 BTU/H SIRIUS HEAT WALL MOUNTED HEAT PUMP SPECIFICATIONS

## SIRIUS HEAT™

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	Ø3/8" (Ø9.52mm)
Gas (Single Zone) (Default Piped)	Ø3/4" (Ø19.1mm)
Gas (Multi-zone) (Adaptor Included)	Ø5/8" (Ø16mm)
Pre-Charge Length	25'
Minimum Length	10'
Maximum Length	164'
Maximum Height Differential	82'
Additional Refrigerant (oz./ft)	0.32

OUTDOOR UNIT		
Unit Dimensions	Width	37-1/4"
	Depth	16-3/16"
	Height	31-7/8"
Carton Dimensions	Width	42-15/16"
	Depth	19-3/4"
	Height	36-1/2"
Net Weight	160 lbs.	
Gross Weight	185 lbs.	
Cooling Operating Temperature	5°F - 122°F	
Heating Operating Temperature	-22°F - 86°F	
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	40	
Minimum Circuit Ampacity (Amps)	36	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) <sup>1</sup>	18.1	
Rated Current - Heating (Amps) <sup>2</sup>	20.5	
Fan Motor RLA (Amps)	0.8	
Fan Motor Output (Watt)	230	
Sound Pressure (dB(A))	63	

INDOOR UNIT		
Unit Dimensions	Width	49-9/16"
	Depth	11-1/8"
	Height	14-1/4"
Carton Dimensions	Width	52-3/4"
	Depth	17-3/4"
	Height	15-3/16"
Net Weight	46 lbs	
Gross Weight	57 lbs	
Indoor Unit Air Flow (CFM)	Low	449
	Medium	529
	High	704
	Turbo	862
Moisture Removal (Pints/day)	225	
Drain Port O.D.	Ø5/8" (Ø16mm)	
Recommended Breaker (Amps)	15	
Indoor Fan Motor RLA (Amps)	0.88	
Sound Pressure (dB(A))	Low	29.5
	Medium	45.5
	High	52.0

COMPRESSOR	
Type	DC Inverter Twin Cylinder Rotary
Rated Current RLA (Amps)	16.67
Oil Type	Ester Oil VG74
Oil Charge (oz.)	33.8 ± .33 (1000 ± 10ml)

AHRI Rated data is taken at a fixed compressor speed.

<sup>1</sup> AHRI Rated at 95°F (AFull).

<sup>2</sup> AHRI Rated at 47°F (H1Full).

<sup>3</sup> Maximum Capacity: Indoor 80°F DB, 67°F WB // Outdoor 5°F DB, 4°F WB

<sup>4</sup> AHRI Rated Capacity at 17°F (H32)

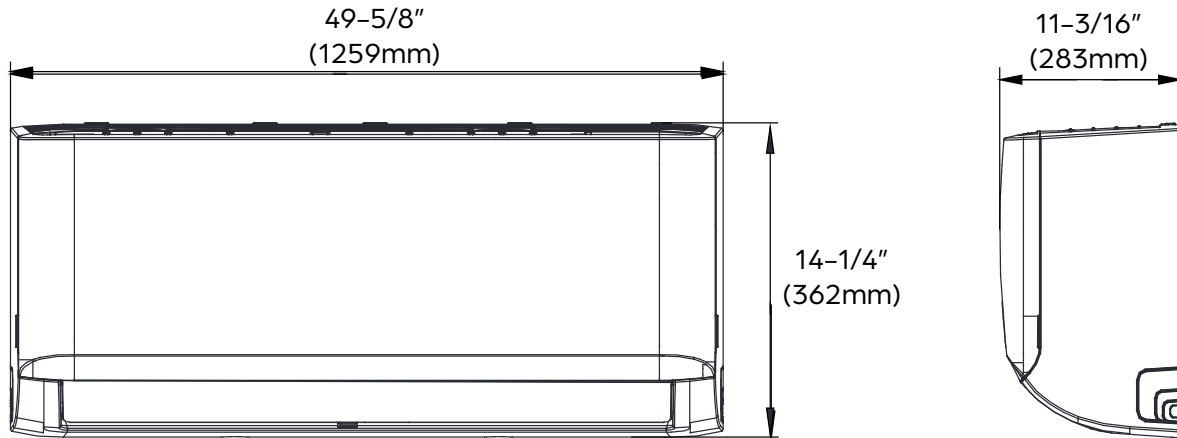
<sup>5</sup> AHRI Rated Capacity at 5°F (H42)

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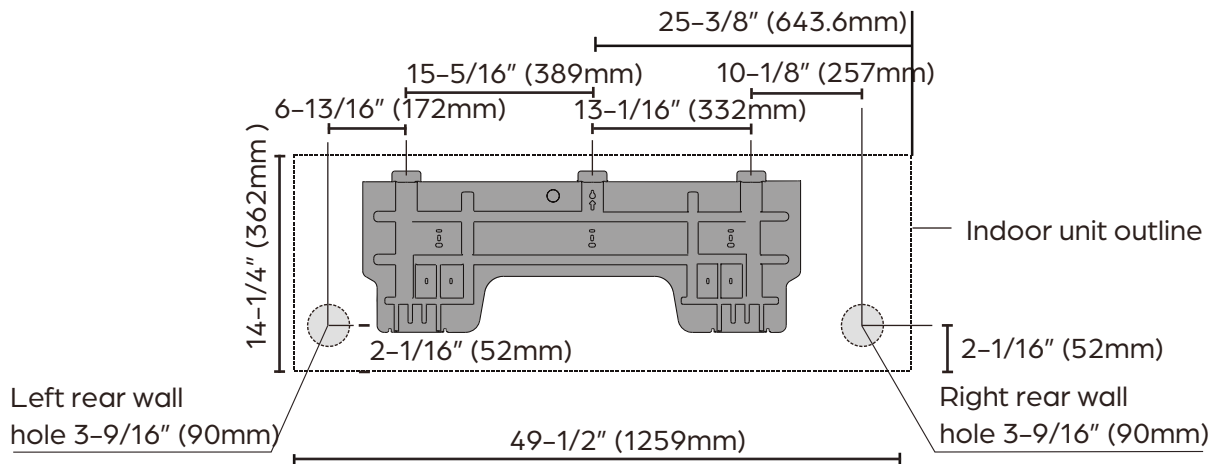
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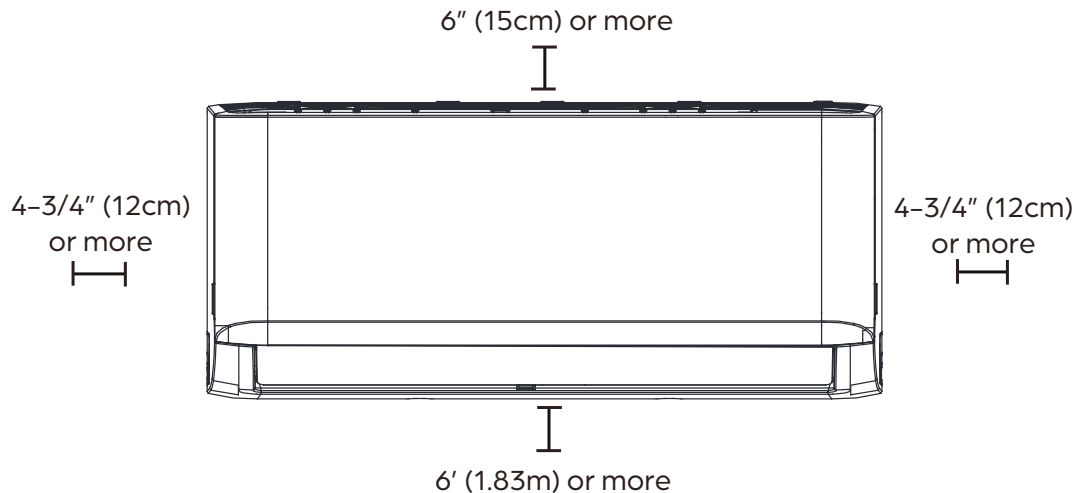
**Unit Dimensions**



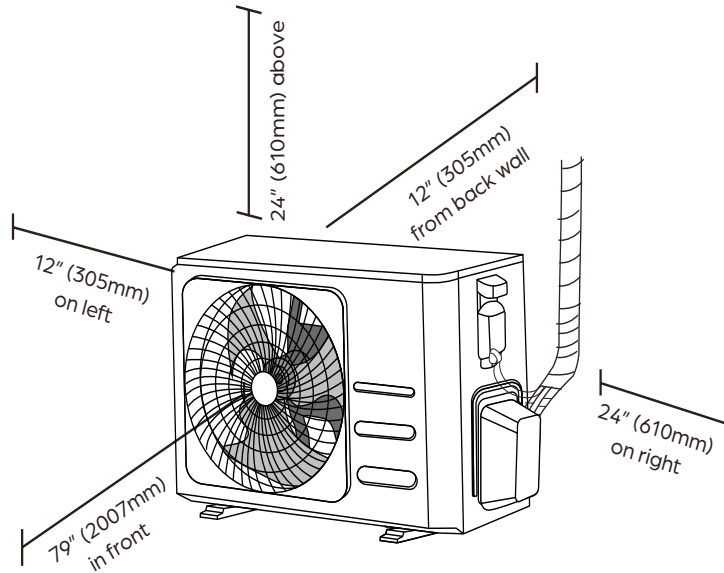
**Mounting Plate Dimensions**



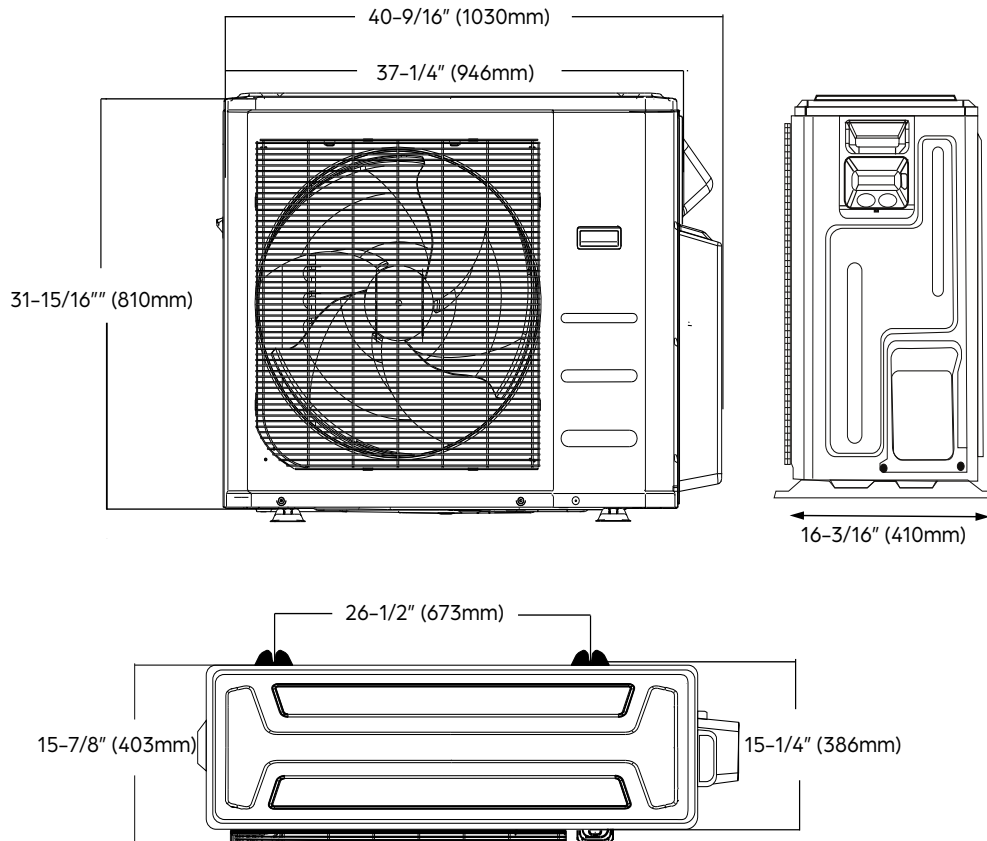
**Clearance Distances**



**Clearances**



**Dimensions**



**NOTE**

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