



# 12,000 BTU/H WALL MOUNTED HEAT PUMP SYSTEM

SUBMITTAL COVER SHEET

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

LOCATION \_\_\_\_\_




ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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

Indoor Unit (IDU): DRAW12F1A	Outdoor Unit (ODU): DRA1U12S1B	Wireless Remote Control
		

## PRODUCT FEATURES

- Wireless Remote Control with "Follow Me" Technology
- Variable Speed Inverter Compressor
- Auto Restart
- Sleep Mode
- Turbo Mode
- 24-Hour Timer Feature
- Quiet operation
- 46°F Freeze Protection
- Low ambient heating down to -13 °F
- Low ambient cooling down to 5 °F
- Included base pan heater
- Refrigerant leak detection
- Anti-corrosive fin coating

SYSTEM DATA	
Refrigerant Type	R-410A
Refrigerant Charge (oz.)	38.1
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA	
SEER	20.00
EER	11.70
HSPF	9.70
COP at 47 °F	3.43
COP at 5 °F	1.8

CAPACITIES		
Cooling Capacity (BTU/hr)	Rated at 95 °F	12000
	Minimum	3600
	Maximum	13300
Heating Capacity (BTU/hr)	Rated at 47 °F	12000
	Maximum at 5 °F	9500
	Minimum	4500
	Maximum	13500





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SPECIFICATIONS

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	Ø1/4" (Ø6.35mm)
Gas	Ø1/2" (Ø12.7mm)
Pre-Charge Length	25'
Minimum Length	10'
Maximum Length	82'
Maximum Height Differential	33'
Additional Refrigerant (oz./ft)	0.16

OUTDOOR UNIT		
Unit Dimensions	Width	30 1/8"
	Depth	11 15/16"
	Height	21 7/8"
Carton Dimensions	Width	34 15/16"
	Depth	13 1/4"
	Height	24"
Net Weight	63.7 lbs.	
Gross Weight	69.0 lbs.	
Cooling Operating Temperature	5 °F - 122 °F	
Heating Operating Temperature	-13 °F - 75 °F	
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	15	
Minimum Circuit Ampacity (Amps)	13	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) <sup>1</sup>	4.5	
Rated Current - Heating (Amps) <sup>2</sup>	4.5	
Sound Pressure (dB(A))	54.5	

COMPRESSOR	
Type	DC Rotary Inverter
Oil Type	Ester Oil VG74
Oil Charge (oz.)	10.5 (310 ml)

<sup>1</sup> Measured at 95 °F.

<sup>2</sup> Measured at 47 °F.

INDOOR UNIT		
Unit Dimensions	Width	31 9/16 "
	Depth	7 7/16"
	Height	11 11/16"
Carton Dimensions	Width	34 7/16"
	Depth	11 1/4"
	Height	14 15/16"
Net Weight	24.3 lbs.	
Gross Weight	37.4 lbs.	
Indoor Unit Air Flow (CFM)	Low	147
	Medium	212
	High	306
Drain Port O.D.	Ø5/8" (Ø16mm)	
Recommended Breaker (Amps)	15	
Sound Pressure (dB(A))	Low	25
	Medium	30
	High	36.5

Specifications are subject to change without notice.

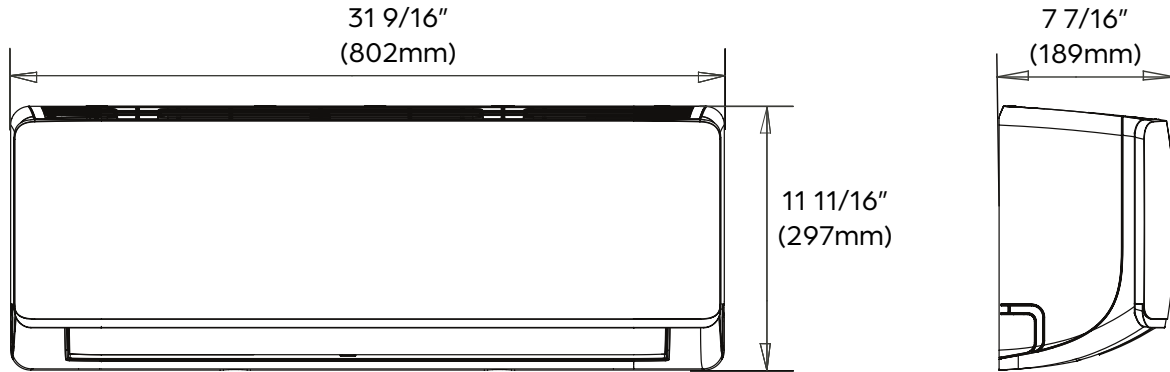
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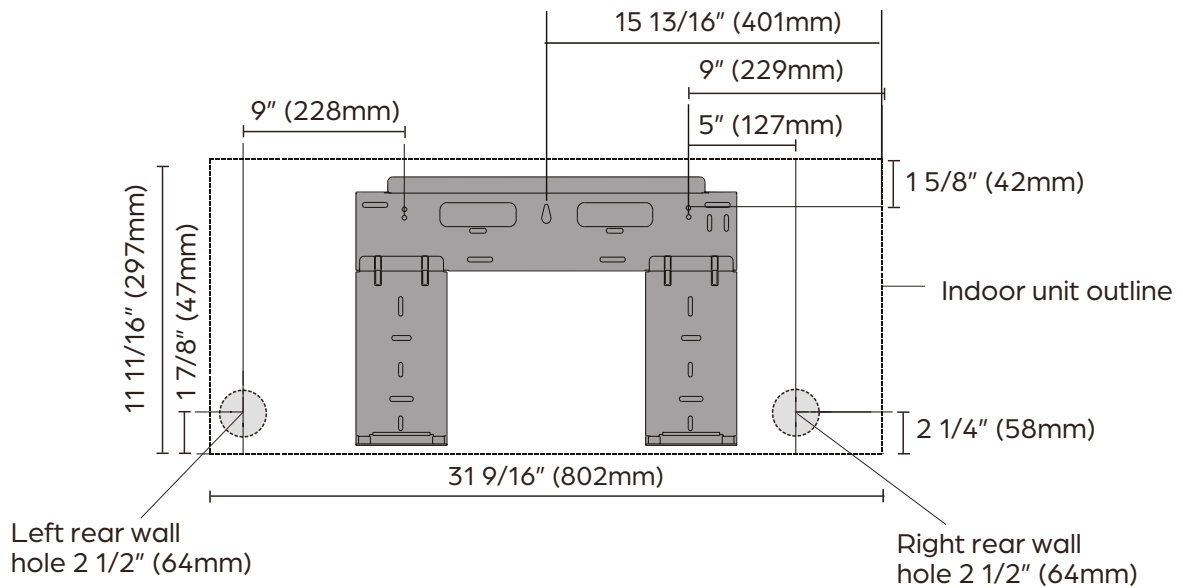
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IDU DIMENSIONS - DRAW12F1A

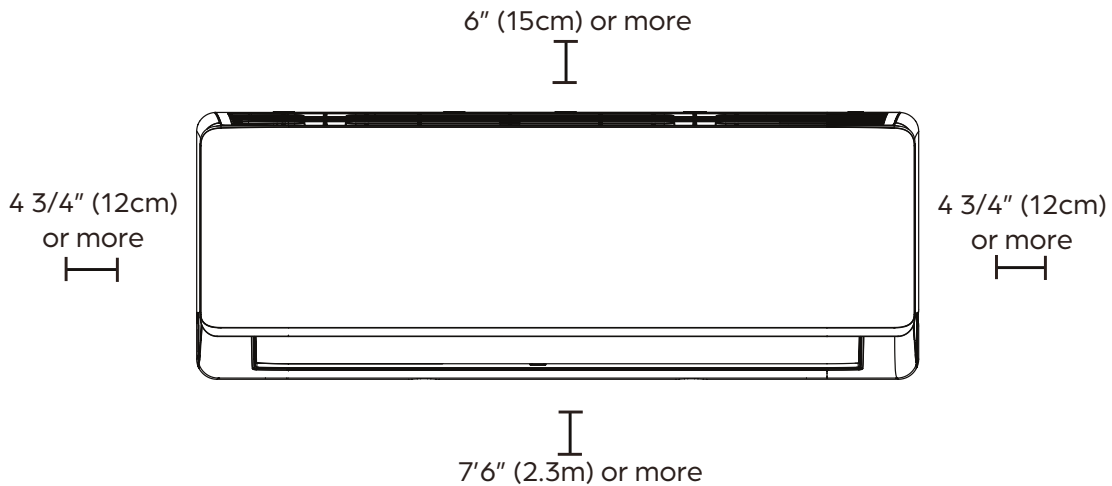
## Unit Dimensions



## Mounting Plate Dimensions



## Clearance Distances

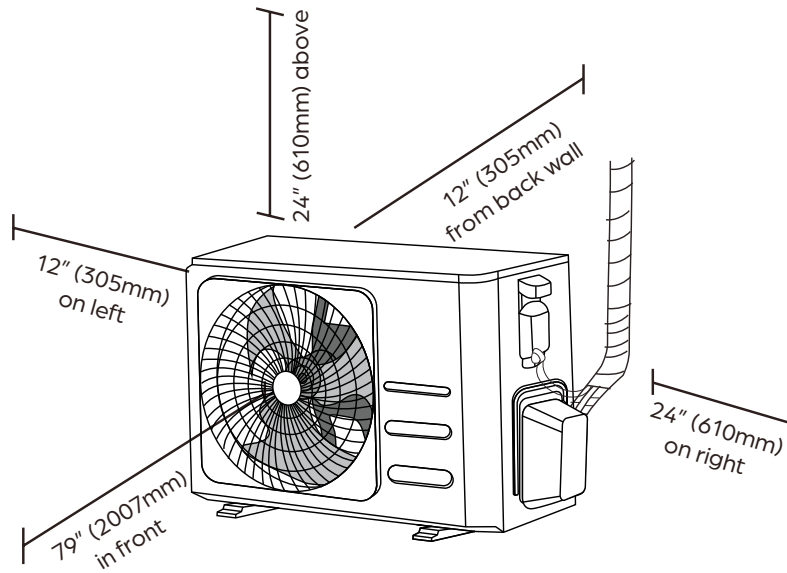




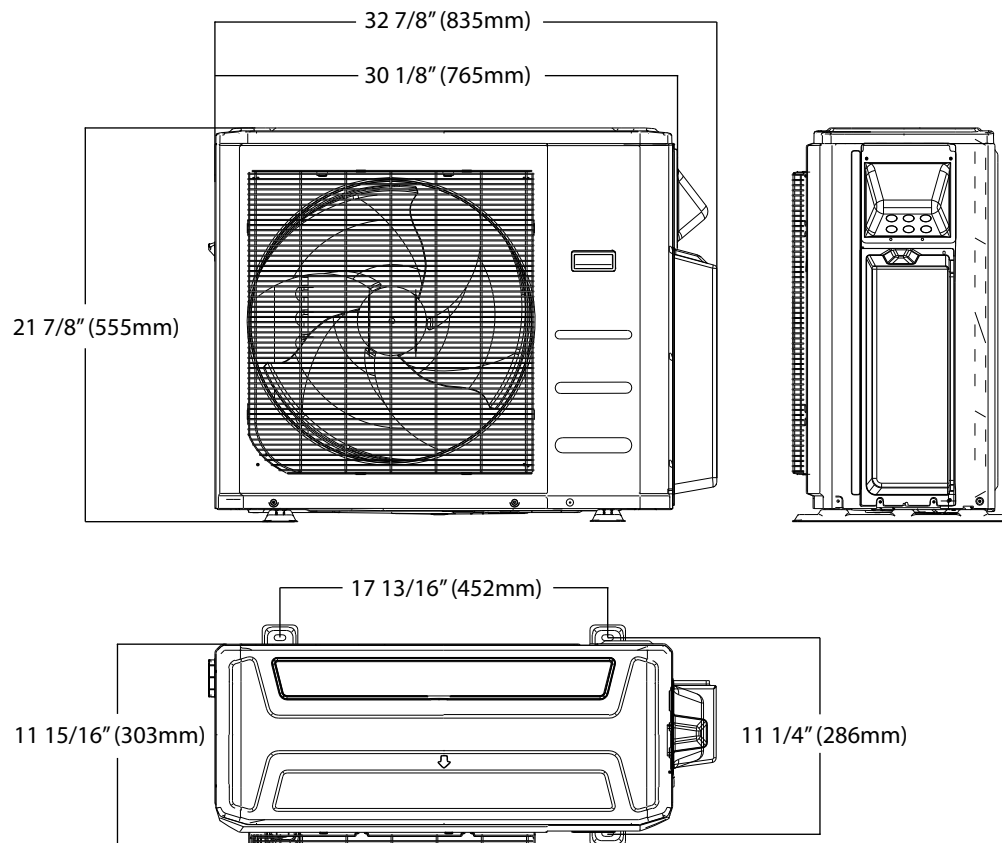
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ODU DIMENSIONS - DRA1U12S1B

## Clearances



## Dimensions



### NOTE

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