



# 12,000 BTU/H WALL MOUNTED IDU

SUBMITTAL COVER SHEET

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

LOCATION \_\_\_\_\_

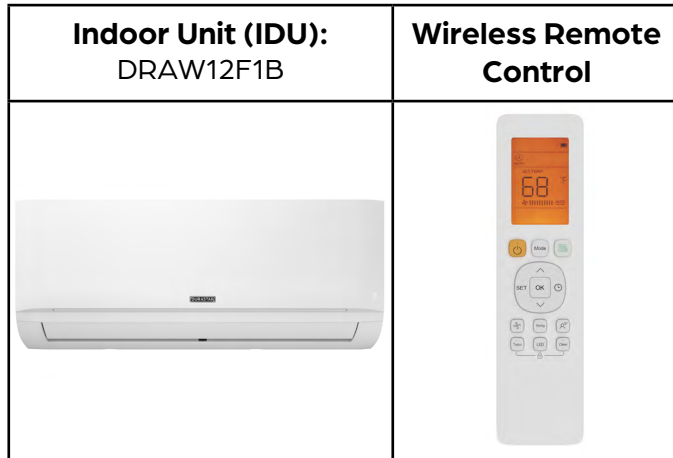
ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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



## PRODUCT FEATURES

- Wireless Remote Control with "Follow Me" Technology
- Single or Multizone compatible
- High efficiency SEER rating, up to 22.2
- Sleep Mode
- Turbo Mode
- 24-Hour Timer Feature
- Anti-corrosive fin coating

SPECIFICATIONS		
Cooling Capacity (BTU/hr)	12000	
Heating Capacity (BTU/hr)	12000	
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Indoor Unit Air Flow (CFM)	Low	153
	Medium	194
	High	291
Moisture Removal (Pints/day)	78.24	
Drain Port O.D.	Ø5/8" (Ø16mm)	
Recommended Breaker (Amps)	15	
Sound Pressure (dB(A))	Low	25
	Medium	36
	High	42
Refrigerant	R410A	

## LINE SET REQUIREMENTS

Connection Type	Flare
Liquid	Ø1/4" (Ø6.35mm)
Gas	Ø1/2" (Ø12.7mm)

## DIMENSIONS AND WEIGHT

Unit Dimensions	Width	31 9/16"
	Depth	7 7/8"
	Height	11 5/8"
Carton Dimensions	Width	34 7/16"
	Depth	11 1/4"
	Height	14 15/16"
Net Weight	18.7 lbs.	
Gross Weight	24.3 lbs.	



Specifications are subject to change without notice.

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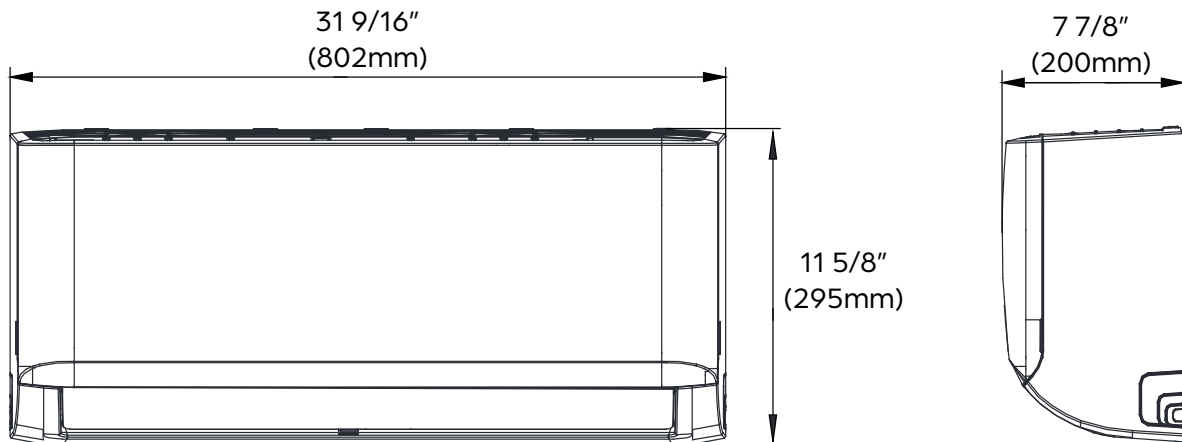
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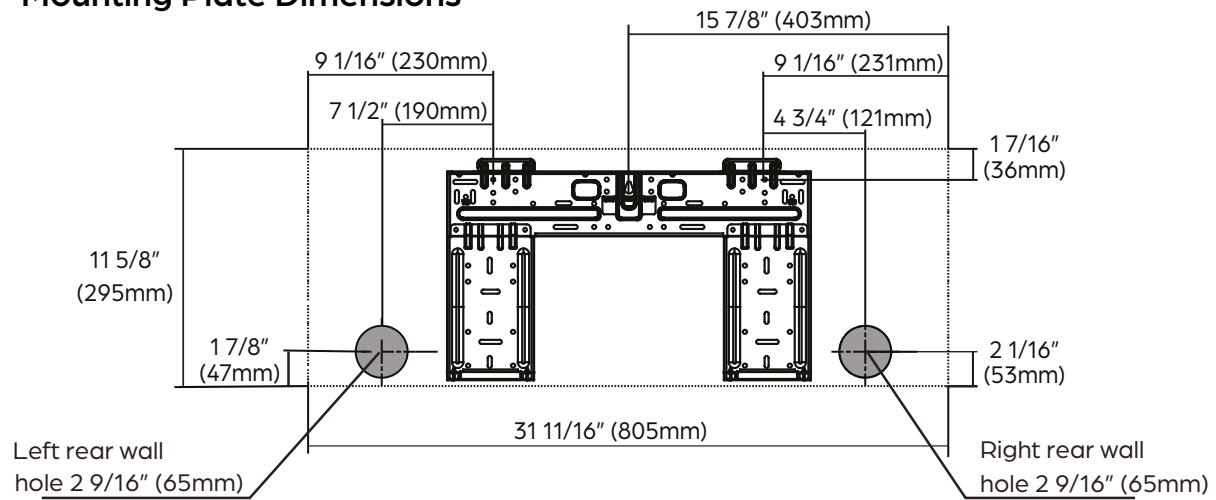
## 12,000 BTU/H WALL MOUNTED IDU

IDU DIMENSIONS - DRAW12F1B

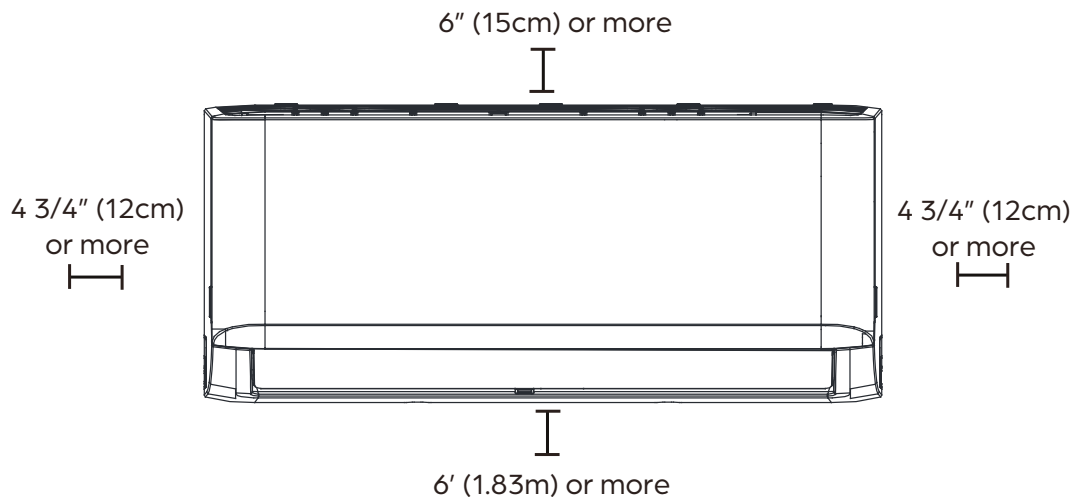
### Unit Dimensions



### Mounting Plate Dimensions



### Clearance Distances



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**SIRIUS HEAT™**

## 36,000 BTU/H SIRIUS HEAT MULTI-ZONE HEAT PUMP

SUBMITTAL COVER SHEET

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

LOCATION \_\_\_\_\_

ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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

### Multi-Zone Outdoor Unit (ODU): DRA4H36M1A



#### PRODUCT FEATURES

- High heating capacity at 0°F
- Variable speed inverter compressor
- Low ambient heating down to -22°F
- Low ambient cooling down to 5°F
- Quiet operation
- Included base pan heater
- Auto restart
- Anti-corrosive coil coating
- Port adaptors included

CAPACITIES		DUCTLESS	MIXED	DUCTED
Cooling (BTU/hr)	Rated <sup>1</sup>	36000	36000	36000
	at 5°F <sup>3</sup>	29900	29550	29200
	Minimum	15600	16500	17400
	Maximum	41900	42950	44000
Heating (BTU/hr)	Rated <sup>2</sup>	36000	36500	37000
	at 5°F <sup>4</sup>	36000	34500	33000
	Minimum	20000	13650	13300
	Maximum	50300	48650	47000
Nominal ODU Capacity <sup>5</sup>		36000		

#### SYSTEM DATA

Refrigerant Type	R-410A
Refrigerant Charge (oz.)	162
Design Pressure (PSIG)	550/340
Outdoor Coil Coating	Golden Fin Coating

EFFICIENCY DATA	DUCTLESS	MIXED	DUCTED
SEER2	20.00	19.50	19.00
EER2	12.50	12.10	11.70
HSPF2	9.70	9.85	10.00
SEER	20.00	19.50	19.00
EER	12.50	11.90	11.30
HSPF	10.80	10.90	11.00
COP at 47 °F	3.52	3.63	3.74
COP at 5 °F	1.90	1.80	1.70



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## SIRIUS HEAT™

# 36,000 BTU/H SIRIUS HEAT MULTI-ZONE HEAT PUMP

SPECIFICATIONS - DRA4H36M1A

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid	4 x Ø1/4" (Ø6.35mm)
Gas	3 x Ø3/8" (Ø9.52mm) 1 x Ø1/2" (Ø12.7mm)
Refrigeration Adaptors Included	3 x 3/8" -- 1/2" 1 x 1/2" -- 3/8" 1 x 1/4" -- 3/8" 1 x 1/2" -- 5/8"
Minimum Indoor Units Connected	2
Pre-Charge Length	98'
Maximum Length (combined IDUs)	262'
Maximum Length (per IDU)	115'
Minimum Length (per IDU)	10'
Max. Height Differential between IDU and ODU	49'
Max. Height Differential between IDUs	33'
Additional Refrigerant for Ø1/4" Liquid Pipe (oz./ft)	0.161
Additional Refrigerant for Ø3/8" Liquid Pipe (oz./ft)	0.322

ELECTRICAL DATA	DUCTLESS	DUCTED
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	60	
Minimum Circuit Ampacity (Amps)	40	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) <sup>1</sup>	13.2	14.2
Rated Current - Heating (Amps) <sup>2</sup>	13.7	12.9

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

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

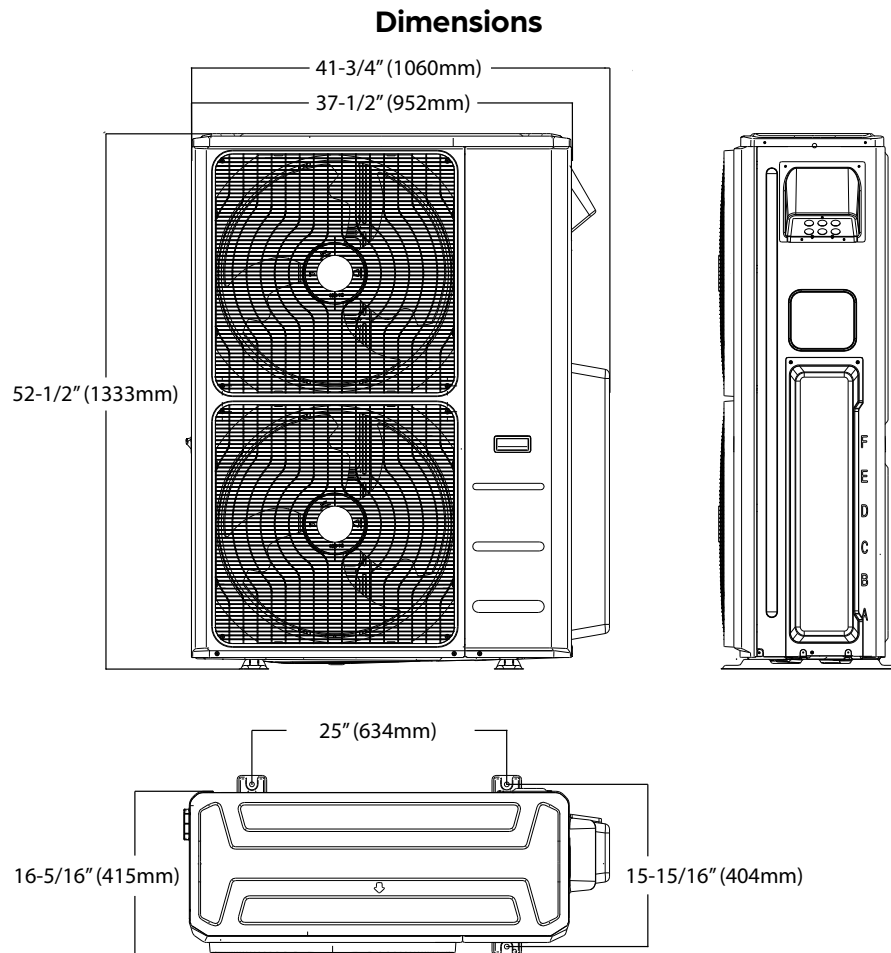
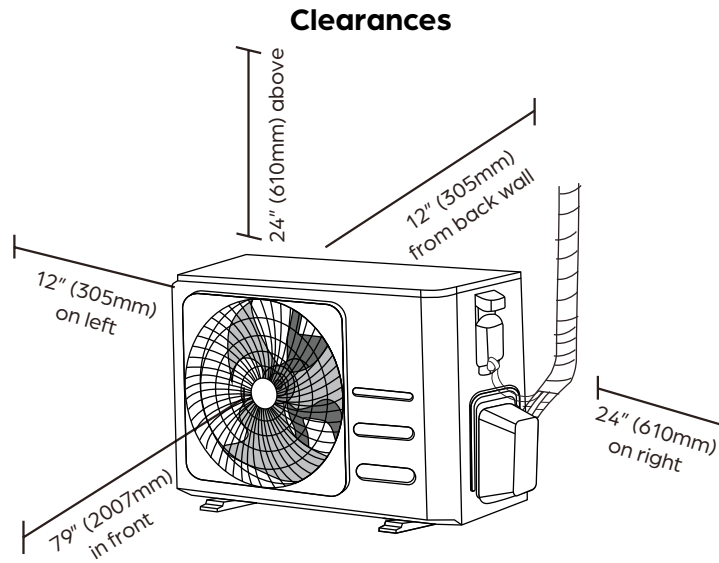
<sup>3</sup> Sensible Capacity: Indoor 80°F DB, 67°F WB // Outdoor 5°F DB, 4°F WB

<sup>4</sup> AHRI Rated Capacity at 5°F (H42)

<sup>5</sup> If the total indoor unit load exceeds the nominal capacity of the outdoor unit, the practical output capacity of each indoor unit will be correspondingly reduced. This situation is very evident during heating mode.

OUTDOOR UNIT DATA		
Unit Dimensions	Width	37-1/2"
	Depth	16-5/16"
	Height	52-1/2"
Carton Dimensions	Width	43-1/8"
	Depth	19-1/2"
	Height	58-1/4"
Net Weight	223 lbs.	
Gross Weight	254 lbs.	
Cooling Operating Temperature	5°F - 122°F	
Heating Operating Temperature	-22°F - 75°F	
Airflow (CFM)	4500	
Sound Pressure (dB(A))	62	
Fan Speed (r/min)	Low	750
	Medium	800
	Medium	850
	High	900
Fan Motor Current Type	DC	

COMPRESSOR	
Type	DC Inverter Twin Cylinder Rotary
Oil Type	VG74
Oil Charge (oz.)	47 (1400 mL)



## NOTE

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