

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

LOCATION \_\_\_\_\_

ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

REFERENCE \_\_\_\_\_

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

## Multi-Zone Outdoor Unit (ODU): DRA4H28M2A



### PRODUCT FEATURES

- High heating capacity at 0°F
- Variable speed inverter compressor
- Low ambient heating and cooling down to -22°F
- Quiet operation
- Included base pan heater
- Auto restart
- Anti-corrosive coil coating
- A2L refrigerant detection system
- Electronic refrigerant shut-off valve
- Port adaptors included

EFFICIENCY DATA	DUCTLESS	MIXED	DUCTED
SEER2	21.00	20.00	19.00
EER2	12.00	12.00	12.00
HSPF2	10.00	9.75	9.50
COP at 47°F (8°C) <sup>2</sup>	3.60	3.60	3.60
COP at 17°F (-8°C) <sup>3</sup>	2.40	2.40	2.40
COP at 5°F (-15°C) <sup>4</sup>	1.90	1.95	2.00

### SYSTEM DATA

Refrigerant Type	R-454B
Refrigerant Charge (oz. (kg))	120.6 (3.4)
Design Pressure (PSIG)	550/340
Indoor/ Outdoor Coil Coating	Golden Fin Coating

CAPACITIES		DUCTLESS	MIXED	DUCTED
Cooling (BTU/hr)	Rated at 95°F (35°C) <sup>1</sup>	27000	37500	28000
	at 109°F (43°C)	28000	29200	30400
	at 5°F (-15°C)	36000	38500	41000
	Minimum	7200	7200	7200
	Maximum	33000	35500	38000
Heating (BTU/hr)	Rated at 47°F (8°C) <sup>2</sup>	27000	27500	28000
	Rated at 17°F (-8°C) <sup>3</sup>	23600	23300	23000
	Rated at 5°F (-15°C) <sup>4</sup>	27000	27000	27000
	at -13°F (-25°C)	16000	16000	16000
	at -22°F (-30°C)	12000	12500	13000
	Minimum	8400	8400	8400
	Maximum	32000	35250	38500
Nominal ODU Capacity <sup>5</sup>		28000		





## SIRIUS HEAT™

# 28,000 BTU/H SIRIUS HEAT MULTI-ZONE HEAT PUMP

SPECIFICATIONS-DRA4H28M2A

LINE SET REQUIREMENTS	
Connection Type	Flare
Liquid (in. (mm))	4 x Ø1/4 (Ø6.35)
Gas (in. (mm))	3 x Ø3/8 (Ø9.52) 1 x Ø1/2 (Ø12.70)
Refrigeration Adaptors Included (in)	1 x 1/4 → 3/8 1 x 3/8 → 1/2 1 x 1/2 → 3/8 1 x 1/2 → 5/8
Minimum Indoor Units Connected	2
Pre-Charge Length/ Zone (ft. (m))	25 (7.5)
Maximum Length (combined IDUs) (ft. (m))	262 (80)
Maximum Length (per IDU) (ft. (m))	115 (35)
Minimum Length (per IDU) (ft. (m))	10 (3)
Max. Height Differential between IDU and ODU (ft. (m))	49 (15)
Max. Height Differential between IDUs (ft. (m))	33 (10)
Additional Refrigerant for Ø1/4" Liquid Pipe (oz./ft (g/m))	.16 (15)
Additional Refrigerant for Ø1/4" Liquid Pipe (oz./ft (g/m))	.32 (30)

ELECTRICAL DATA	DUCTLESS	DUCTED
Voltage/Phase/Frequency	208-230V, 1 Phase, 60 Hz	
Voltage Range	187-253V	
Recommended Breaker (Amps)	35	
Minimum Circuit Ampacity (Amps)	30.0	
Communication Wire Size	14*4 AWG Stranded	
Rated Current - Cooling (Amps) <sup>1</sup>	10.0	10.5
Rated Current - Heating (Amps) <sup>2</sup>	10.0	10.0

<sup>1</sup> Value at AHR1 Rated Capacity at 95°F (35°C) (AFull)

<sup>2</sup> Value at AHR1 Rated Capacity at 47°F (8°C) (H1Full)

<sup>3</sup> Value at AHR1 Rated Capacity at 17°F (-8°C) (H32)

<sup>4</sup> Value at AHR1 Rated Capacity at 5°F (-15°C) (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 (in. (mm))	Width	37-1/4 (946)
	Depth	16-1/8 (410)
	Height	31-7/8 (810)
Carton Dimensions (in. (mm))	Width	42-15/16 (1090)
	Depth	19-11/16 (500)
	Height	34-7/8 (885)
Net Weight (lbs. (kg))	168.4 (76.4)	
Gross Weight (lbs. (kg))	179.7 (81.5)	
Cooling Operating Temp. (°F (°C))	-22 - 122 (-30 - 50)	
Heating Operating Temp. (°F (°C))	-22 - 75 (-30 - 24)	
Airflow (CFM)	2148	
Sound Pressure (dB(A))	62	
Fan Speed (r/min)	Low	600
	Med	750
	High	800
Fan Motor Current Type	DC	

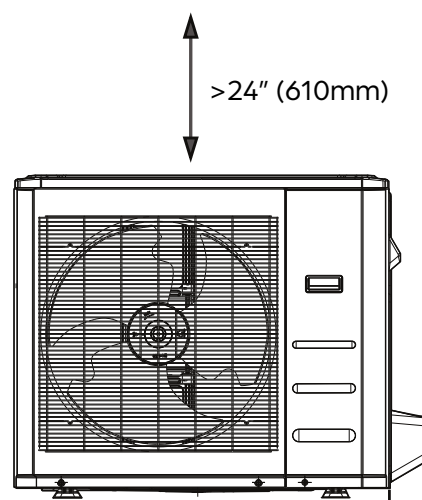
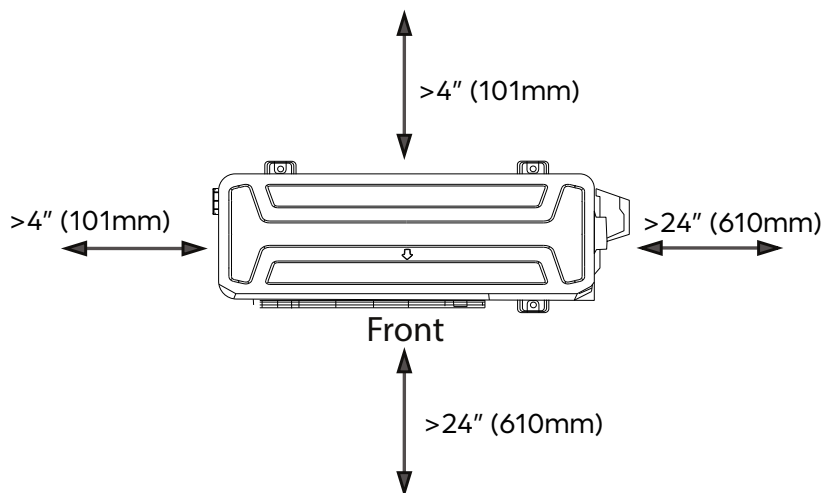
COMPRESSOR	
Type	DC Inverter Rotary
Oil Type	VG74
Oil Charge (oz.(ml))	34 (1000)

Specifications are subject to change without notice.

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### Clearances



### Dimensions

