



# SUBMITTAL DATA - **OUTDOOR UNIT**

## **VRA288H4M-2G**

### **VRA144H4M-2G + VRA144H4M-2G**

#### **VRF HEAT RECOVERY**

**Job:** \_\_\_\_\_

**Location:** \_\_\_\_\_

**Schedule No.:** \_\_\_\_\_

**System Designation:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_

**Architect:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**For:** Reference Approval Review Construction

### FEATURES

- Three-pipe heat recovery
- Split coil heat exchanger providing continuous heating during defrost
- Hinged electrical box for ease of maintenance
- High efficiency DC Inverter scroll compressor
- Intelligent Duty Cycle operation
- Night Silent operation

### WARRANTY

- Compressor - 10 year limited warranty
  - All other components - 10 year limited warranty
- \*See warranty for details

### SPECIFICATIONS

#### PERFORMANCE

Cooling Capacity <sup>1</sup> (Btu/h)	Nominal	288,000
	Rated <sup>2</sup>	276,000
EER	Ducted	9.50
	Non-Ducted	10.10
IEER	Ducted	18.00
	Non-Ducted	18.00
Simultaneous Heating and Cooling Efficiency (SCHE)	Ducted	26.00
	Non-Ducted	22.20
Heating Capacity <sup>1</sup> (Btu/h)		300,000
	COP47	
	Ducted	3.20
	Non-Ducted	3.20
COP17	Ducted	2.05
	Non-Ducted	2.05

#### ELECTRICAL DATA

Power Supply <sup>3</sup> (V/Hz/Ph)	460/60/3
Minimum Circuit Ampacity (A)	26 +26
Maximum Overcurrent Protection (A)	35 + 35
Compressor RLA (A)	12/8 + 12/8
No. of Compressors	2 + 2
Outdoor Fan Power Input (W)	(2) 580/580
Outdoor Fan FLA (A)	(2) 1.5/1.5

#### GENERAL DATA

Connection Ratio	50% to 130%
Max. # of Indoor Units	50 units
Sound Pressure Level (each unit) (dBA)	66
Outdoor Fan Air Volume (cfm)	(2) 8685
Refrigerant type	R-410A
Factory refrigerant charge (each unit)	28 lbs. 11 oz.



#### DIMENSIONS (each unit)

Unit Dimensions (in)	Height	63-1/8
	Width	49-1/2
	Depth	30-1/8
Liquid Pipe Connection (in)		5/8
Gas Balance Pipe Connection (in)		3/4
Gas Pipe Connection (in)	H.P.	7/8
	L.P.	1-1/8
Shipping Weight (lb)		778
Net Weight (lb)		741

#### NOTES

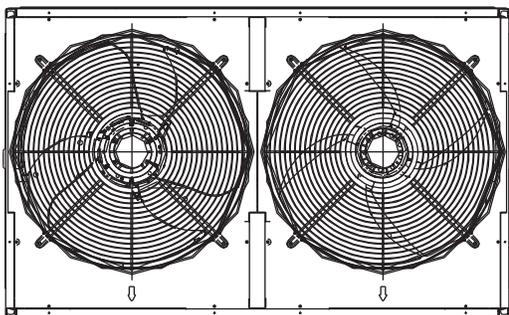
1. Cooling and Heating Capacity data is rated at the following conditions:  
Cooling: 80°FDB / 67°FWB Indoor, 95°FDB Outdoor  
Heating: 70°FDB Indoor, 47°FDB / 43°FWB Indoor
2. Complies with AHRI 1230-2014 testing standards
3. Operating Voltage Range: 191V to 247V



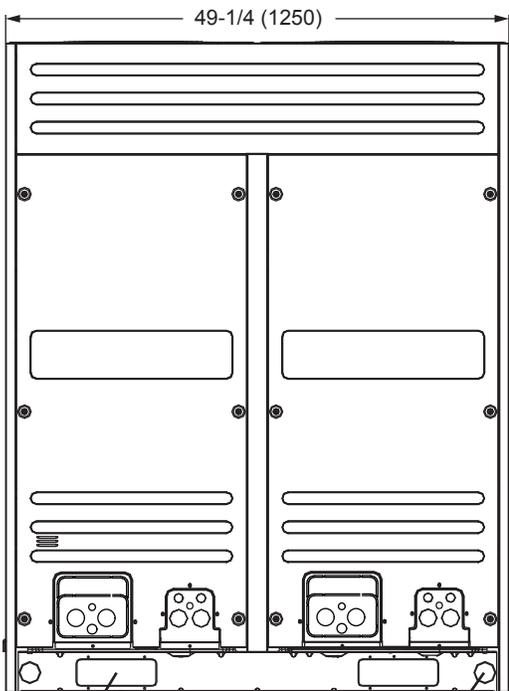


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**VRF HEAT RECOVERY**

**DIMENSIONS - INCHES (MM)**



**TOP VIEW**



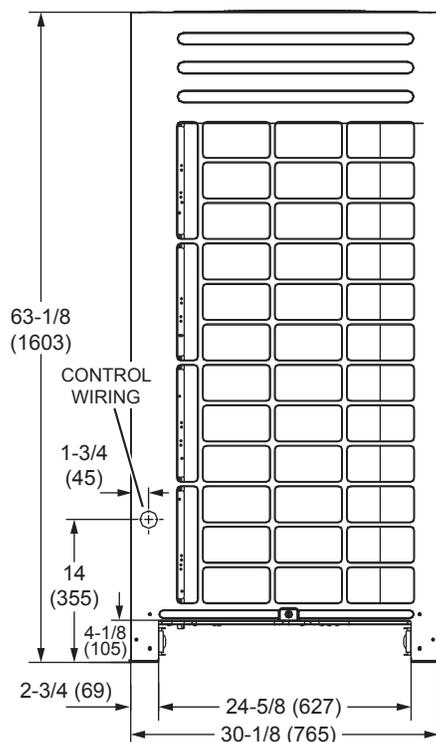
FORKLIFT SLOT  
(BOTH SIDES)

LIFTING HOLES  
(FOR RIGGING)

**FRONT VIEW**

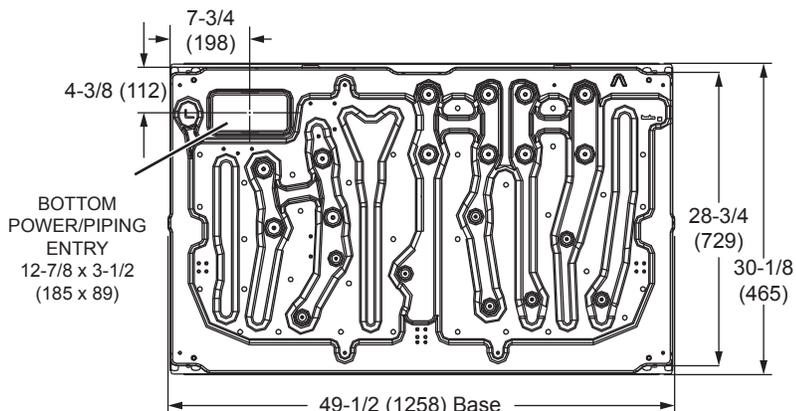


**AIR FLOW**



**AIR FLOW**

**SIDE VIEW**



BOTTOM  
POWER/PIPING  
ENTRY  
12-7/8 x 3-1/2  
(185 x 89)

**BASE VIEW**

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