



SUBMITTAL DATA - **OUTDOOR UNIT**

VPA144L4M-2Y

VPA072L4M-2Y + VPA072L4M-2Y **VRF LOW AMBIENT HEAT PUMP**

Job: _____

Location: _____

Schedule No.: _____

System Designation: _____

Engineer: _____

Architect: _____

Date: _____

For: ☐Reference ☐Approval ☐Review ☐Construction

FEATURES

- Built-in Base Pan Heater
- Hinged electrical box for ease of maintenance
- High efficiency DC Inverter scroll compressor
- Two-pipe heat pump

SPECIFICATIONS

PERFORMANCE

Cooling Capacity ¹ (Btu/h)	Nominal	144,000
	Rated ²	138,000
EER	Ducted	10.90
	Non-Ducted	11.90
IEER	Ducted	20.40
	Non-Ducted	22.10
Heating Capacity ¹ (Btu/h)		154,000
COP47	Ducted	3.62
	Non-Ducted	3.75
COP17	Ducted	2.34
	Non-Ducted	2.58

ELECTRICAL DATA

Power Supply ³ (V/Hz/Ph)	208-230/60/3
Minimum Circuit Ampacity (A)	54.7 + 54.7
Maximum Overcurrent Protection (A)	70 + 70
Compressor RLA (A)	(2) 20/19
No. of Compressors	2 + 2
Outdoor Fan Power Input (W)	(2) 750/750
Outdoor Fan FLA (A)	(2) 4.1/4.1

GENERAL DATA

Connection Ratio	50% to 130%
Max # of Indoor Units	26 units
Refrigerant type	R-410A
Factory refrigerant charge	22 lbs.

DIMENSIONS

Unit Dimensions (in.)	Height	63-1/8
	Width	49-1/4
	Depth	30-1/8
Liquid Pipe Connection (in.)		1/2
Gas Pipe Connection (in.)		7/8
Net Weight (lb)		(2) 770



WARRANTY⁴

- Compressor - 10 year limited warranty
- All other components - 10 year limited warranty

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
4. See Warranty for Details





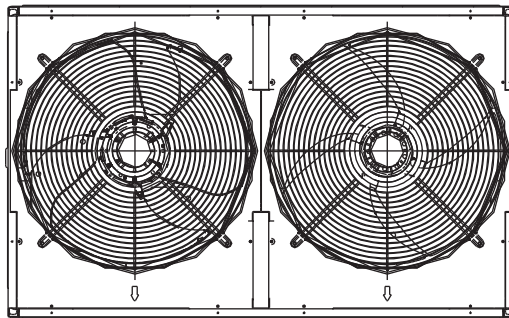
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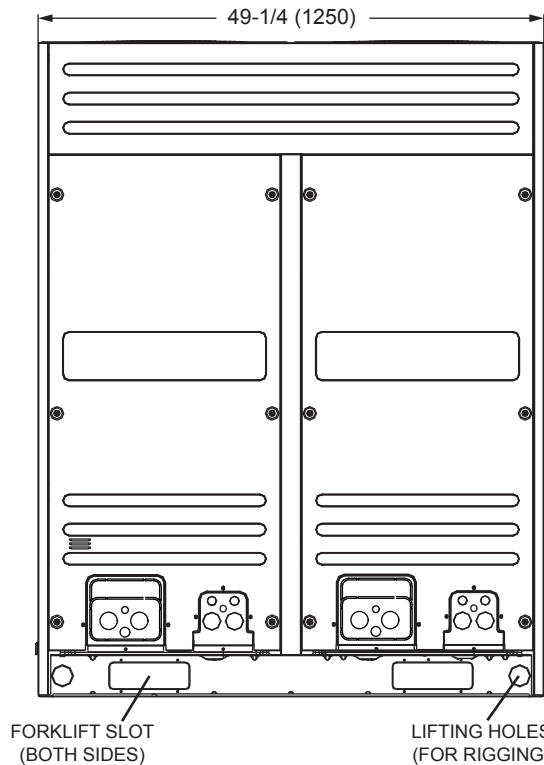
VPA072L4M-2Y + VPA072L4M-2Y

VRF LOW AMBIENT HEAT PUMP

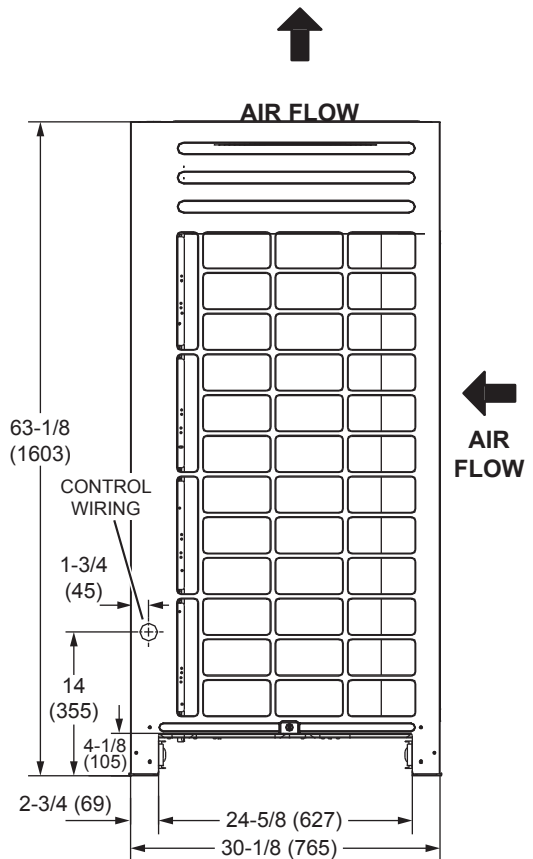
DIMENSIONS - INCHES (MM)



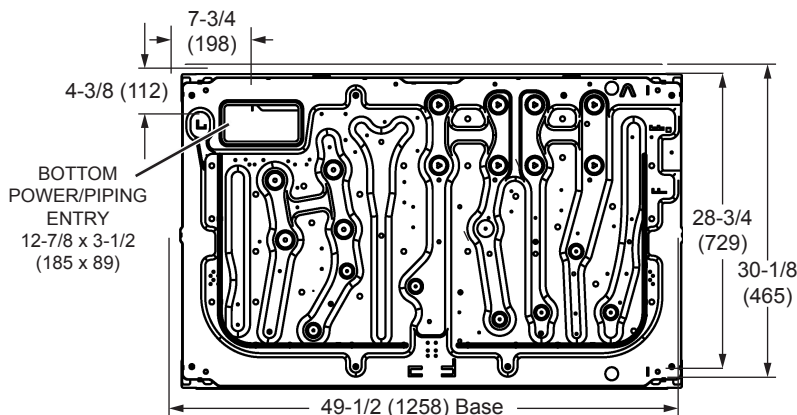
TOP VIEW



FRONT VIEW



SIDE VIEW



BASE VIEW

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