

## SUBMITTAL DATA - OUTDOOR UNIT VPB120H4M-3Y

**VRF Heat Pump** 

Jack Duman Outdoor Hait	For: Peference	Annroval	Poviow	Construction
System Designation:	Date:			
Schedule No.:	Location:			
Location:	Architect:			
Job:	Engineer:			

# **Heat Pump Outdoor Unit**

### FEATURES

- · Split coil heat exchanger
- Dual hinged electrical boxes for ease of maintenance
- High-efficiency vapor injection inverter compressor
- · Intelligent Duty Cycle operation
- · Night Silent operation

- Hinged service doors
- · Built-in service console
- · Built-in base pan heater
- · Low Ambient Cooling

### 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	120,000
- 3 - 1 , (	Rated <sup>2</sup>	115000
EER	Ducted	11.3
	Non-Ducted	11.5
IEER	Ducted	22
	Non-Ducted	23.5
Heating Capacity¹ (Btu/h)		129,000
COP47	Ducted	3.64
	Non-Ducted	3.56
COP17	Ducted	2.59
	Non-Ducted	2.47

ELECTRICAL DATA	
Power Supply (Volts/Phase/Hertz)	208-230/3/60
Minimum Circuit Ampacity (A)	54
Maximum Overcurrent Protection (A)	60
Compressor RLA (A)	38.3
Number of Compressors	1
Outdoor Fan Power Input (W)	780/890
Outdoor Fan FLA (A)	2.9/3.2

GENERAL DATA	
Connection Ratio	50% to 130%
Maximum Number of Indoor Units	22
Refrigerant Type	R-410A
Factory Refrigerant Charge (each unit)	23.8 lbs.

DIMENSIONS (Each Module)								
Unit	Height	64-3/8						
Dimensions (in)	Width	52-3/4						
	Depth	31-1/2						
Main System Piping (in)								
Liquid Pipe Connection		5/8						
Gas Pipe Connection		1-1/8						
Balancing Pipework between Modules (in)								
L.P. Gas Balance Pipe Con	nection	1-1/8						
H.P. Gas Balance Pipe Cor	nnection	3/4						
Oil Balance Pipe Connection	n	1/4						
Unit Net Weight (lb)		794						

### **NOTES**

- 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 Outdoor
- 2. Complies with AHRI 1230-2014 testing standards
- 3. Operating Voltage Range 175V to 263V
- To achieve cooling lower than 5°F a Low ambient hood must be installed. This is purchased as an accessory.
- A local 115V power outlet is available as an accessory to provide local power for maintenance.



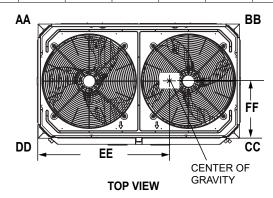


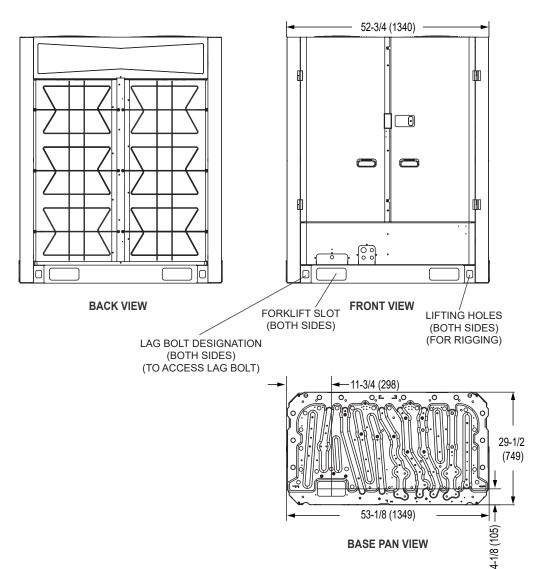


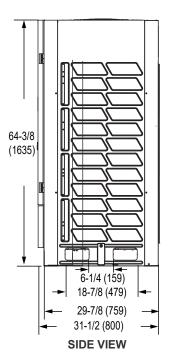
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## DIMENSIONAL DRAWINGS - INCHES (MM)

CORNER WEIGHTS						CENTER OF GRAVITY					
Α	Α	ВВ СС		С	DD		EE		FF		
lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	in.	mm	in.	mm
121	55	203	92	211	96	251	114	27-3/4	705	12-1/4	311







NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.

Installation and service must be performed by a qualified installer and servicing agency.

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