LENNOX VRF

SUBMITTAL DATA - OUTDOOR UNIT

VRB360L4M-3Y

VRB120L4M-3Y + VRB120L4M-3Y+VRB120L4M-3Y

VRF Heat Recovery

Job:		**Engineer:**	
Location:		**Architect:**	
Schedule No.:		**Location:**	
System Designation:		**Date:**	

For: ☐ Reference ☐ Approval ☐ Review ☐ Construction

Heat Recovery 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
- Heating Operation down to -22F
- Low Ambient Cooling down to -10F w/ kit

WARRANTY

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

SPECIFICATIONS

PERFORMANCE

Cooling Capacity[1] (Btu/h)	Nominal	360,000
	Rated[2]	344,000
EER	Ducted	10.3
	Non-Ducted	10.3
IEER	Ducted	19.3
	Non-Ducted	20.3
SCHE	Ducted	26.4
	Non-Ducted	26.7
Heating Capacity[1] (Btu/h)	Nominal	405,000
	Rated[2]	380,000
COP47	Ducted	3.70
	Non-Ducted	3.40
COP17	Ducted	2.41
	Non-Ducted	2.25

ELECTRICAL DATA

Power Supply (Volts/Phase/Hertz)	208-230/3/60
Minimum Circuit Ampacity (A)	(3) 82.6
Maximum Overcurrent Protection (A)	(3) 90
Compressor RLA (A)	(3) 33+33
Number of Compressors	2+2+2
Outdoor Fan Power Input (W)	(3) 1200/1200
Outdoor Fan FLA (A)	(3) 4.0/4.3

GENERAL DATA

Connection Ratio	50% to 130%
Maximum Number of Indoor Units	64
Refrigerant Type	R-410A
Factory Refrigerant Charge (each unit)	23.8 lbs.

DIMENSIONS

		VRB120	VRB120	VRB120
Unit Dimensions (in)	Height	72	72	72
	Width	68-1/2	68-1/2	68-1/2
	Depth	32-5/8	32-5/8	32-5/8
Main System Piping (in)				
Liquid Pipe Connection		3/4	3/4	3/4
Gas Pipe Connection		1-1/4	1-1/4	1-1/4
Balancing Pipework between Modules (in)				
L.P. Gas Balance Pipe Connection		1-1/4	1-1/4	1-1/4
H.P. Gas Balance Pipe Connection		3/4	3/4	3/4
Oil Balance Pipe Connection		5/16	5/16	5/16
Unit Net Weight (lb)		1093	1093	1093

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

AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

ETL LISTED c US Intertek

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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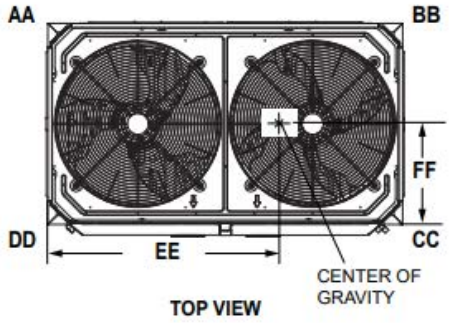
VRF Heat Recovery

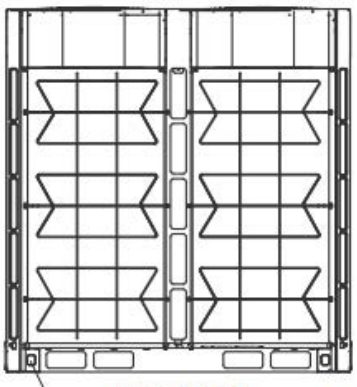
DIMENSIONAL DRAWINGS - INCHES (MM)

VRB120

CORNER WEIGHTS								
Model No.	AA		BB		CC		DD	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg
096, 120L4M-3Y	171	78	262	119	327	148	318	144
096, 120L4M-3G	173	78	266	121	332	151	323	147

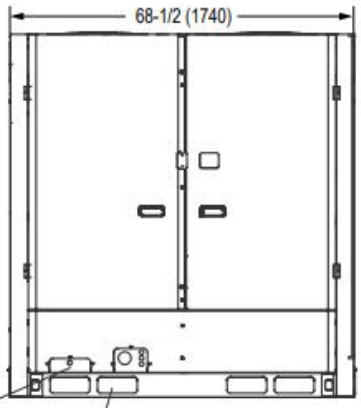


TOP VIEW

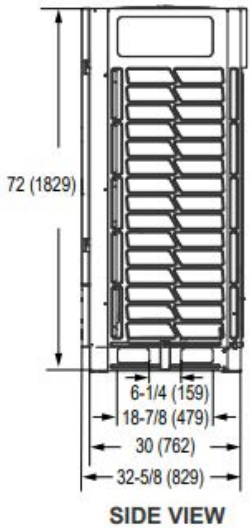


BACK VIEW

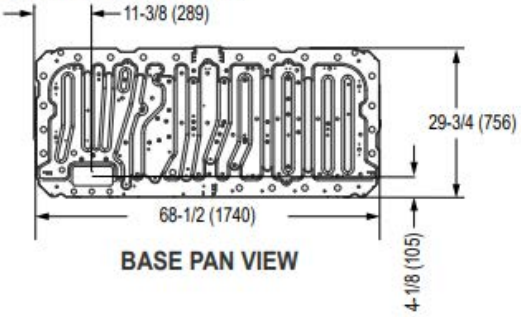
LAG BOLT DESIGNATION
(BOTH SIDES)
(TO ACCESS LAG BOLT)



FRONT VIEW



SIDE VIEW



BASE PAN VIEW

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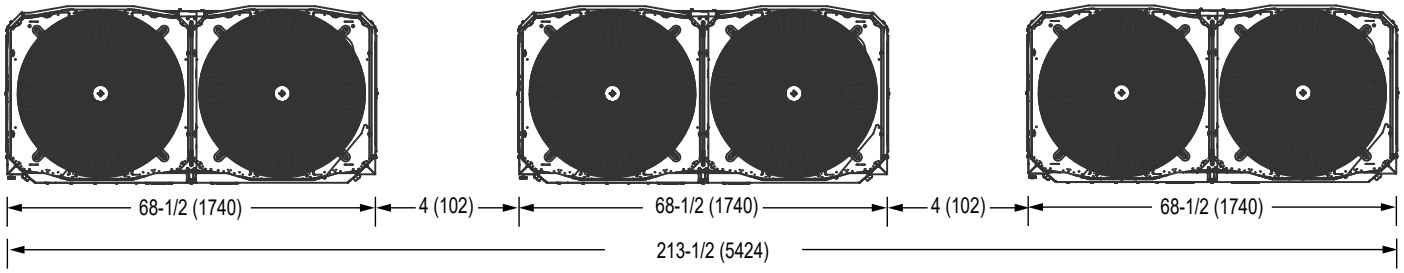
MULTI-MODULE INFORMATION

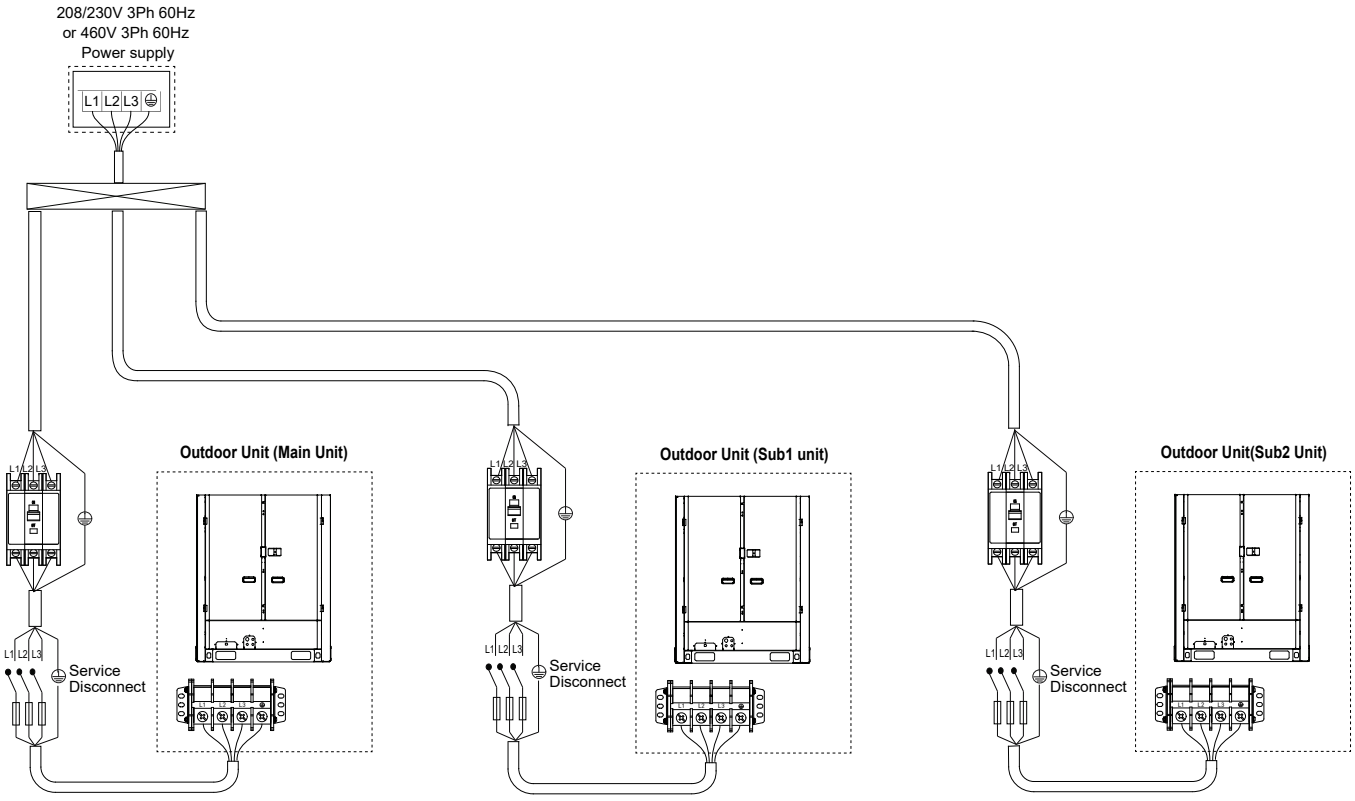
Multi-Module Dimensions



NOTE - *All the outdoor units manifolded together should be installed at the same elevation.*

TOP VIEW

Multi-Module Power



See page 1 for electrical data.
Total system MCA is calcuated by adding the MCA value of each module together to get the total system MCA.
Total system MOP is calcuated by adding the MOP value of each module together to get the total system MCA.