



SUBMITTAL DATA - INDOOR UNIT

VMDB048H4-2P

VRF HEAT PUMP & HEAT RECOVERY

Job: _____

Location: _____

Schedule No.: _____

System Designation: _____

Engineer: _____

Architect: _____

Date: _____

For: Reference Approval Review Construction

Medium Static Ducted Indoor Unit

FEATURES

- Pre Heat Function
- Auto Addressing
- Auto Restart
- Integral Condensate Pump
- Electronic Expansion Valve
- ECM Motor
- Flare Connections
- LED Display
- Foldable Return Air Filter
- Refrigerant R-410A
- Nine capacity sizes from 7,000 to 48,000 Btu/h

SPECIFICATIONS

PERFORMANCE

Cooling Capacity ¹ (Btu/h)		48,000
Heating Capacity ¹ (Btu/h)		54,000
Airflow (CFM)	High	1370
	Medium	1100
	Low	980
External Static Pressure (in. WC)		0.60
Sound Pressure (dBA)	High	48
	Medium	43.8
	Low	41.2

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	208-230/60/1
Minimum circuit ampacity (MCA)	5
Max. Overcurrent Protection (MOCP)	15
Cooling Power Input ² (W)	230
Cooling Rated current (A)	1.5
Heating Power Input ² (W)	230
Heating Rated current (A)	1.5
Indoor Fan Motor Input (W)	370

DIMENSIONS

Unit Dimensions (in)	Height	11-13/16
	Width	50-3/4
	Depth	31-1/2
Liquid Pipe Connection (in)		3/8
Gas Pipe Connection (in)		5/8
Condensate drain connection (in)		3/4
Unit Shipping Weight (lb)		143
Unit Net Weight (lb)		124



OPTIONAL ACCESSORIES

<input type="checkbox"/> Non-Programmable Controller	V0STAT54P
<input type="checkbox"/> Programmable Controller	V0STAT51P
<input type="checkbox"/> Infrared Wireless Controller	V0STAT52P-1
<input type="checkbox"/> Infrared Sensor	V0SNSR78P-1
<input type="checkbox"/> Remote Sensor	V0SNSR00P-1
<input type="checkbox"/> HHE Relay Kit	V0CTRL92P-1
<input type="checkbox"/> Hotel Keycard Interface	V0CTRL88P-1

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
- Power Input values are rated at high fan speed.



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.

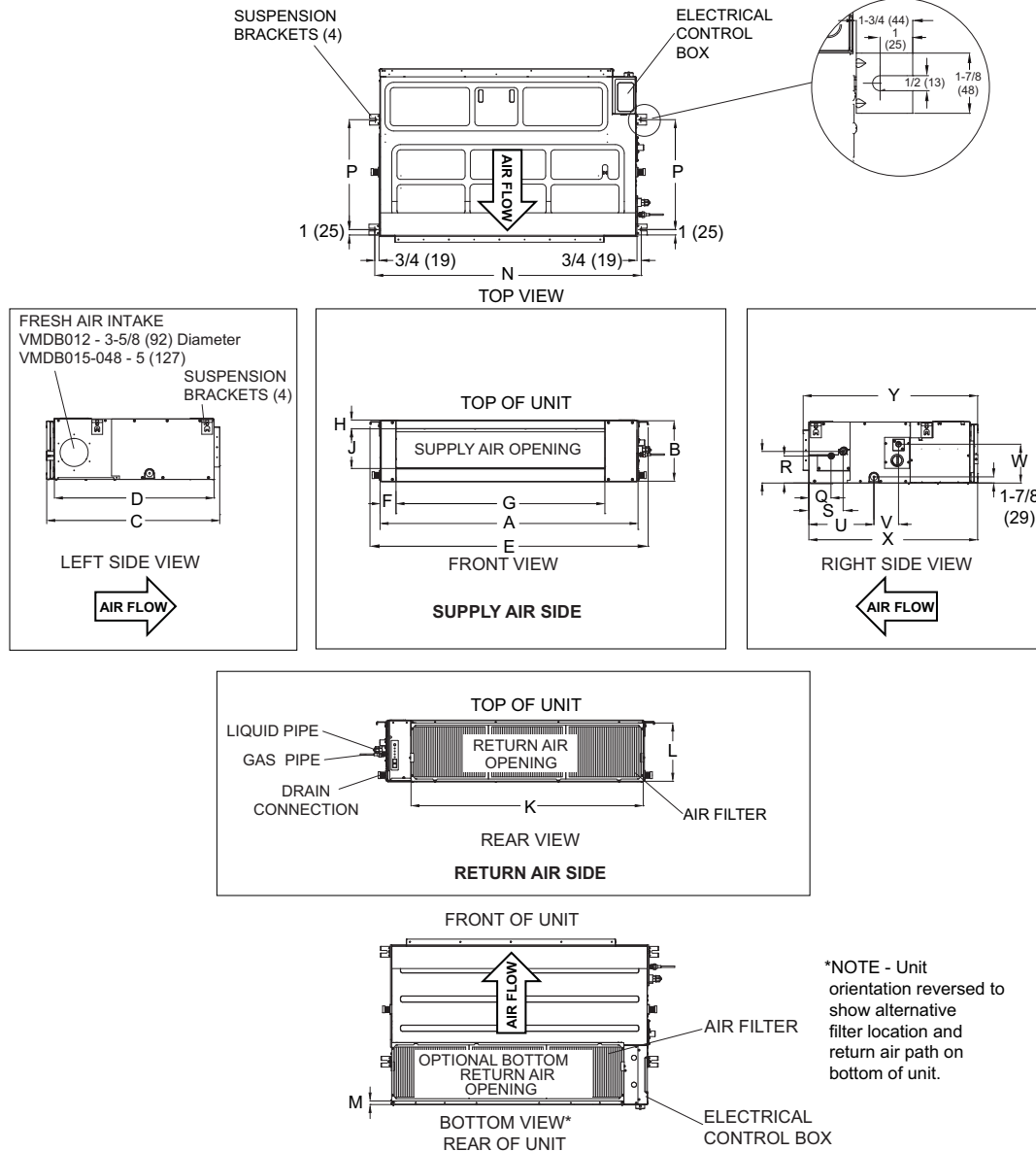


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DIMENSIONAL DRAWINGS - INCHES (MM)



Size	A		B		C		D		E		F		G		H		J	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
048	47-1/4	1200	11-7/8	302	34-1/8	867	31-1/2	800	50-3/4	1289	3-1/8	79	38-1/8	968	1-1/2	38	8	203

Size	K		L		M		N		P		Q		R		S		T		U	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
048	43	1092	11-3/8	289	2	48	49	1246	19-3/4	502	6-3/8	162	6-7/8	175	8-3/8	213	7-5/8	194	9-3/4	248

Size	V		W		X		Y	
	in.	mm	in.	mm	in.	mm	in.	mm
048	7-1/4	184	6-3/4	171	33-1/8	841	34	864

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