



# SUBMITTAL DATA - INDOOR UNIT

## VMDB018H4-2P

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 <sup>1</sup> (Btu/h)		18,000
Heating Capacity <sup>1</sup> (Btu/h)		21,000
Airflow (CFM)	High	670
	Medium	540
	Low	480
External Static Pressure (in. WC)		0.60
Sound Pressure (dBA)	High	38.6
	Medium	33.6
	Low	31.9

#### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	208-230/60/1
Minimum circuit ampacity (MCA)	3.13
Max. Overcurrent Protection (MOCP)	15
Cooling Power Input <sup>2</sup> (W)	70
Cooling Rated current (A)	1.0
Heating Power Input <sup>2</sup> (W)	65
Heating Rated current (A)	1.0
Indoor Fan Motor Input (W)	185

#### DIMENSIONS

Unit Dimensions (in)	Height	10-5/8
	Width	48-1/2
	Depth	27-15/16
Liquid Pipe Connection (in)		3/8
Gas Pipe Connection (in)		5/8
Condensate drain connection (in)		3/4
Unit Shipping Weight (lb)		115
Unit Net Weight (lb)		100



### 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

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. 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.

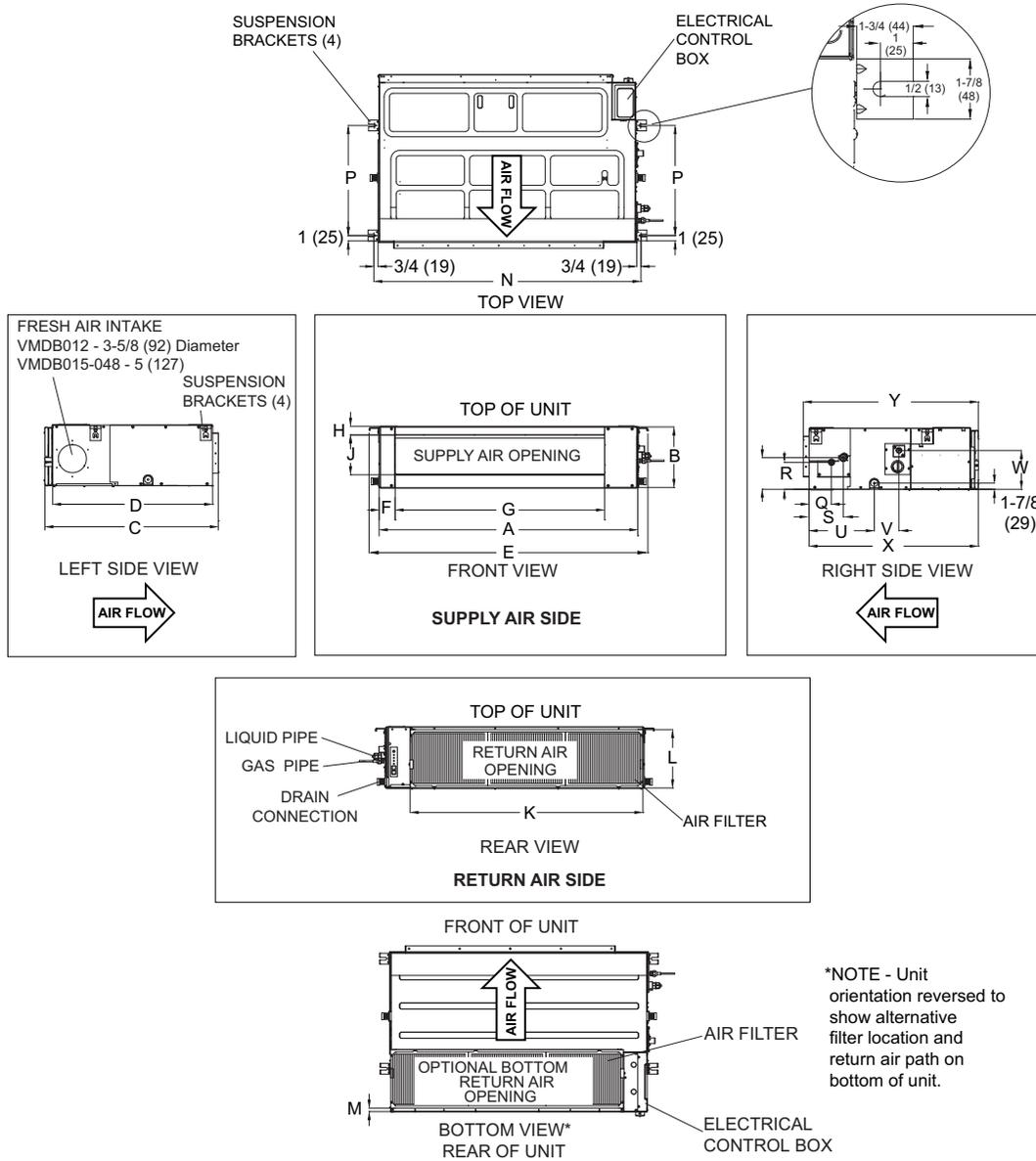


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### VRF HEAT PUMP & HEAT RECOVERY

#### 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
018	44-7/8	1140	10-5/8	270	30-1/2	775	28	711	48-1/2	1232	2-5/8	67	36-3/4	933	1-3/8	35	7	178

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
018	40-3/4	1035	10-1/4	260	3/4	18	46-3/4	1188	19-1/4	490	3-7/8	99	4-5/8	117	6	152	5-1/2	140	11-3/8	289

Size	V		W		X		Y	
	in.	mm	in.	mm	in.	mm	in.	mm
018	4-1/4	108	6-3/4	171	29-3/8	746	30-1/4	768

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