

SUBMITTAL DATA – INDOOR UNIT VMDB024H4-2P

VRF HEAT PUMP & HEAT RECOVERY

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

PERFORMANCE Cooling Capacity¹ (Btu/h) 24,000 Heating Capacity¹ (Btu/h) 27,000 Airflow (CFM) High 800 Medium 640 Low 570 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High 42 Medium 36.3 Low 34.2 ELECTRICAL DATA Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 100 Cooling Rated current (A) 1.0 Heating Power Input² (W) 95 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 231 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 44-7/8 Depth 27-15/16 Liquid Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115			
Cooling Capacity¹ (Btu/h) 24,000 Heating Capacity¹ (Btu/h) 27,000 Airflow (CFM) High Medium G40 Low 570 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium G42 Medium Low 36.3 Low 34.2 ELECTRICAL DATA 208-230/60/1 Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 100 Cooling Rated current (A) 1.0 Heating Power Input² (W) 95 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 231 DIMENSIONS Width 44-7/8 Unit Dimensions (in) Height 44-7/8 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 (Ib) 115	SPECIFICATIONS		
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Cooling Power Input ² (W) 100 Cooling Rated current (A) 1.0 Heating Power Input ² (W) 95 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 231 DIMENSIONS Unit Dimensions (in) Height Width 44-7/8 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 (Ib) 115	Minimum circuit ampacity (I	MCA)	3.13
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Heating Power Input ² (W) 95 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 231 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 44-7/8 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 (Ib) 115	Cooling Power Input ² (W)		100
Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 231 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 44-7/8 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 (Ib) 115	Cooling Rated current (A)		1.0
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DIMENSIONS Unit Dimensions (in) Height Width 44-7/8 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	Heating Rated current (A)		1.0
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Linit Nint Mainht (lb)	Unit Shipping Weight (lb)		115
Unit ivet vveignt (ib) 100	Unit Net Weight (lb)		100



OPTIONAL ACCESSORIES										
□Non-Programmable Controller	V0STAT54P									
□Programmable Controller	V0STAT51P									
☐Infrared Wireless Controller	V0STAT52P-1									
□Infrared Sensor	V0SNSR78P-1									
☐Remote Sensor	V0SNSR00P-1									
☐HHE Relay Kit	V0CTRL92P-1									
☐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
- 2. Power Input values are rated at high fan speed.



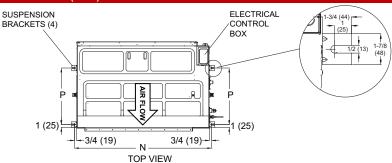


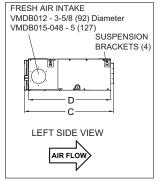


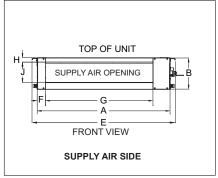
SUBMITTAL DATA - INDOOR UNIT VMDB024H4-2P

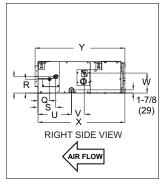
VRF HEAT PUMP & HEAT RECOVERY

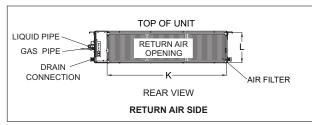
DIMENSIONAL DRAWINGS - INCHES (MM)

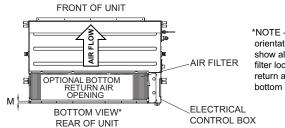












^NOTE - Unit
orientation reversed to
show alternative
filter location and
return air path on
bottom of unit.

Size	Α		В		С		D		E		F		G		Н		J	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
024	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		Р		Q		R		S		Т		U	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
024	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		Х		Y		
Size	in.	mm	in.	mm	in.	mm	in.	mm	
024	4-1/4	108	6-3/4	171	29-3/8	746	30-1/4	768	