

SUBMITTAL DATA – INDOOR UNIT VMDB015H4-2P

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) 15,000 Heating Capacity¹ (Btu/h) 17,000 Airflow (CFM) High Medium 450 Low 400 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium 32.7 Low 31.4 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) 55 Cooling Rated current (A) 0.5 Heating Power Input² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115							
Cooling Capacity¹ (Btu/h) 15,000 Heating Capacity¹ (Btu/h) 17,000 Airflow (CFM) High Medium Low 450 Low 400 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium High Medium High Medium High Medium High High High High High High High High	SPECIFICATIONS						
Heating Capacity¹ (Btu/h) 17,000 Airflow (CFM) High Medium 450 Low 400 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium 32.7 Low 31.4 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) 55 Cooling Rated current (A) 0.5 Heating Power Input² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height Height 10-5/8 Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115							
Airflow (CFM) High Medium Low 560 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium Jac.7 Low 31.4 ELECTRICAL DATA Power Supply (V/Hz/Ф) 208-230/60/1 Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 55 Cooling Rated current (A) 0.5 Heating Power Input² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Width 48-1/2 Unit Dimensions (in) Height 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115			15,000				
Medium Low450External Static Pressure (in. WC)0.60Sound Pressure (dBA)High Medium Low35.9Medium Low31.4ELECTRICAL DATA Power Supply (V/Hz/Φ)208-230/60/1Minimum circuit ampacity (MCA)3.13Max. Overcurrent Protection (MOCP)15Cooling Power Input² (W)55Cooling Rated current (A)0.5Heating Power Input² (W)50Heating Rated current (A)0.5Indoor Fan Motor Input (W)145DIMENSIONSWidth Width Depth10-5/8Unit Dimensions (in)Height Width Depth10-5/8Liquid Pipe Connection (in)1/4Gas Pipe Connection (in)1/2Condensate drain connection (in)3/4Unit Shipping Weight (Ib)115	Heating Capacity ¹ (Btu/h)	17,000					
External Static Pressure (in. WC) Sound Pressure (dBA) Medium Low 31.4 ELECTRICAL DATA Power Supply (V/Hz/Ф) Minimum circuit ampacity (MCA) Max. Overcurrent Protection (MOCP) Cooling Power Input² (W) Cooling Rated current (A) Heating Power Input² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Height Width A8-1/2 Depth Condensate drain connection (in) Unit Shipping Weight (lb) Liquid Pipe Connection (in) 1/2 Condensate drain connection (in) 1/5	Airflow (CFM)	High	560				
External Static Pressure (in. WC) Sound Pressure (dBA) Medium Jac.7 Low Align High Medium Jac.7 Low BLECTRICAL DATA Power Supply (V/Hz/Φ) Minimum circuit ampacity (MCA) Max. Overcurrent Protection (MOCP) Cooling Power Input ² (W) Cooling Rated current (A) Heating Power Input ² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Height Width Width 48-1/2 Depth Condensate drain connection (in) 1/2 Condensate drain connection (in) Unit Shipping Weight (lb) 13.6 13.9 208-230/60/1 108-230/60/1 109-230/60/1 109-230/60/1 100-208-23		Medium	450				
Sound Pressure (dBA)		Low	400				
Medium Low 31.4 ELECTRICAL DATA Power Supply (V/Hz/Φ) Minimum circuit ampacity (MCA) Max. Overcurrent Protection (MOCP) Cooling Power Input² (W) Cooling Rated current (A) Heating Power Input² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Height Width A8-1/2 Depth Liquid Pipe Connection (in) Condensate drain connection (in) Unit Shipping Weight (Ib) 32.7 32.7 32.7 34.7 32.7 34.7 34.7 40.7 31.4 32.7 31.4 40.7	External Static Pressure (in.	WC)	0.60				
Low 31.4 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) 55 Cooling Rated current (A) 0.5 Heating Power Input² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 13.13	Sound Pressure (dBA)	High	35.9				
ELECTRICAL DATA Power Supply (V/Hz/Φ) Minimum circuit ampacity (MCA) Max. Overcurrent Protection (MOCP) Cooling Power Input² (W) Cooling Rated current (A) Heating Power Input² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Liquid Pipe Connection (in) Gas Pipe Connection (in) Condensate drain connection (in) Unit Shipping Weight (Ib) 208-230/60/1 A08-230/60/1 B15 208-230/60/1 A08-230/60/1 A08-230/60		Medium	32.7				
Power Supply (V/Hz/Φ)208-230/60/1Minimum circuit ampacity (MCA)3.13Max. Overcurrent Protection (MOCP)15Cooling Power Input² (W)55Cooling Rated current (A)0.5Heating Power Input² (W)50Heating Rated current (A)0.5Indoor Fan Motor Input (W)145DIMENSIONSWidthUnit Dimensions (in)Height Width Depth10-5/8Liquid Pipe Connection (in)1/4Gas Pipe Connection (in)1/2Condensate drain connection (in)3/4Unit Shipping Weight (Ib)115		Low	31.4				
Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input ² (W) 55 Cooling Rated current (A) 0.5 Heating Power Input ² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 15	ELECTRICAL DATA						
Max. Overcurrent Protection (MOCP) Cooling Power Input ² (W) Cooling Rated current (A) Heating Power Input ² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Height Width Depth 10-5/8 Width Liquid Pipe Connection (in) Gas Pipe Connection (in) Condensate drain connection (in) Unit Shipping Weight (Ib)	Power Supply (V/Hz/Φ)		208-230/60/1				
Cooling Power Input² (W) 55 Cooling Rated current (A) 0.5 Heating Power Input² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Width Unit Dimensions (in) Height 10-5/8 Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	Minimum circuit ampacity (3.13					
Cooling Rated current (A) 0.5 Heating Power Input ² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	Max. Overcurrent Protection	(MOCP)	15				
Heating Power Input ² (W) 50 Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	Cooling Power Input ² (W)		55				
Heating Rated current (A) 0.5 Indoor Fan Motor Input (W) 145 DIMENSIONS Unit Dimensions (in) Height 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	Cooling Rated current (A)		0.5				
Indoor Fan Motor Input (W)	Heating Power Input ² (W)		50				
DIMENSIONS Unit Dimensions (in) Height Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Heating Rated current (A)		0.5				
Unit Dimensions (in) Height Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Indoor Fan Motor Input (W)		145				
Width Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	DIMENSIONS						
Depth 27-15/16 Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Unit Dimensions (in)	Height	10-5/8				
Liquid Pipe Connection (in) 1/4 Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115		Width	48-1/2				
Gas Pipe Connection (in) 1/2 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115		Depth	27-15/16				
Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Liquid Pipe Connection (in)		1/4				
Unit Shipping Weight (lb) 115	Gas Pipe Connection (in)		1/2				
	Condensate drain connectio	n (in)	3/4				
Unit Net Weight (lb) 100	Unit Shipping Weight (lb)		115				
	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.



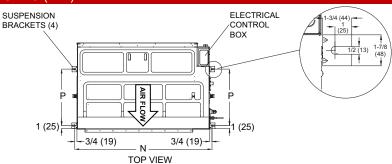


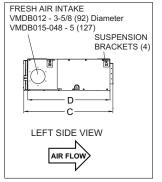


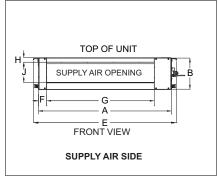
SUBMITTAL DATA - INDOOR UNIT VMDB015H4-2P

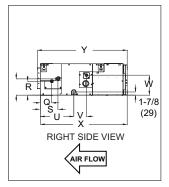
VRF HEAT PUMP & HEAT RECOVERY

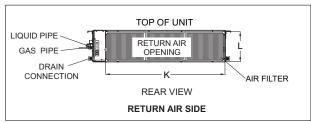
DIMENSIONAL DRAWINGS - INCHES (MM)

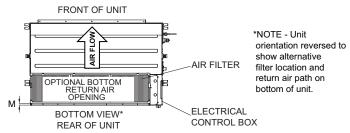












Size	Α		В		С		D		E		F		G		Н		J	
Size	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
015	44-7/8	1140	10-5/8	270	30-1/2	775	28	711	48-1/2	1232	2-5/8	67	36-3/4	933	1-3/8	35	7	178

Size	K	ζ	L		I	VI	N		Р		Q	Į	R		S		Т		l	U
Size	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
015	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

C:	V	,	W		Х		Υ		
Size	in.	mm	in.	mm	in.	mm	in.	mm	
015	4-1/4	108	6-3/4	171	29-3/8	746	30-1/4	768	