

SUBMITTAL DATA – INDOOR UNIT VMDB048H4-2P

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) 48,000 Heating Capacity¹ (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 Input² (W) 230 Cooling Rated current (A) 1.5 Heating Power Input² (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) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 143 Linit Net Weight (lb) 124			
Cooling Capacity¹ (Btu/h) 48,000 Heating Capacity¹ (Btu/h) 54,000 Airflow (CFM) High Medium Low 1370 Medium Low 980 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium Has 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 Input² (W) 230 Cooling Rated current (A) 1.5 Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Unit Dimensions (in) Height Midth So-3/4 Depth So-3/	SPECIFICATIONS		
Heating Capacity¹ (Btu/h) 54,000 Airflow (CFM) High Medium 1100 Low 980 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium Low 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 Input² (W) 230 Cooling Rated current (A) 1.5 Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Unit Dimensions (in) Height Midth 50-3/4 Vidth 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 (Ib) 143	PERFORMANCE		
Airflow (CFM) High Medium 1100			48,000
Medium Low 1100 980 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium High High High High High High High High	Heating Capacity ¹ (Btu/h)		54,000
Low 980	Airflow (CFM)	High	1370
External Static Pressure (in. WC) Sound Pressure (dBA) Medium Low 43.8 Low 41.2 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 Depth 11-13/16 Width Depth Gas Pipe Connection (in) Gas Pipe Connection (in) Condensate drain connection (in) 143		Medium	1100
Sound Pressure (dBA) High Medium Low 48 Medium Low 43.8 ELECTRICAL DATA 208-230/60/1 Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 5 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 230 Cooling Rated current (A) 1.5 Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Unit Dimensions (in) Height Midth 50-3/4 Width 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 (Ib) 143		Low	980
Medium Low 43.8 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 Depth Condensate drain connection (in) Medium 43.8 43.8 43.8 41.2 208-230/60/1 5 430 15 430 15 430 431 43.8 43	External Static Pressure (in.	WC)	0.60
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 Input² (W) 230 Cooling Rated current (A) 1.5 Heating Power Input² (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 (Ib) 143	Sound Pressure (dBA)	High	48
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 Depth To-3/4 Depth Condensate drain connection (in) Midth Shipping Weight (Ib) VIA 1.5 208-230/60/1 1.5 Heating Power Input² (W) 230 1.5 Heating Power Input² (W) 370 1.5 Height Width 50-3/4 Depth 31-1/2 Liquid Pipe Connection (in) 5/8 Condensate drain connection (in) 143		Medium	43.8
Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 5 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 230 Cooling Rated current (A) 1.5 Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Width Unit Dimensions (in) Height Midth 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 (Ib) 143		Low	41.2
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 Width 50-3/4 Depth 31-1/2 Liquid Pipe Connection (in) 3/8 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 11-13/16 Width Depth 11-13/16 Width Depth 31-1/2 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) 230 Cooling Rated current (A) 1.5 Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Unit Dimensions (in) Height Width 50-3/4 Width 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 (Ib) 143	Minimum circuit ampacity (MCA)	5
Cooling Rated current (A) 1.5 Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Width Unit Dimensions (in) Height Midth 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 (Ib) 143	Max. Overcurrent Protection	(MOCP)	15
Heating Power Input² (W) 230 Heating Rated current (A) 1.5 Indoor Fan Motor Input (W) 370 DIMENSIONS Unit Dimensions (in) Height 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 (Ib) 143	Cooling Power Input ² (W)		230
Heating Rated current (A) 1.5	Cooling Rated current (A)		1.5
Indoor Fan Motor Input (W) 370	Heating Power Input ² (W)		230
DIMENSIONS Unit Dimensions (in) Height 50-3/4 Depth 31-1/2 Liquid Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 143	Heating Rated current (A)		1.5
Unit Dimensions (in) Height Width 50-3/4 11-13/16 Liquid Pipe Connection (in) 31-1/2 Liquid Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 143	Indoor Fan Motor Input (W)		370
Width 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	DIMENSIONS		
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 Dimensions (in)	Height	11-13/16
Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 143		Width	50-3/4
Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 143		Depth	31-1/2
Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 143	Liquid Pipe Connection (in)		3/8
Unit Shipping Weight (lb) 143	Gas Pipe Connection (in)		5/8
• • , ,	Condensate drain connection	n (in)	3/4
Unit Net Weight (lb) 124	Unit Shipping Weight (lb)		143
Chieffort (ib)	Unit Net Weight (lb)		124



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.



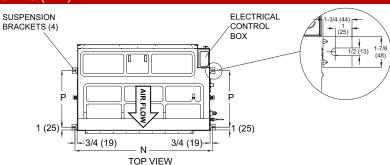


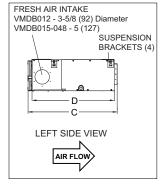


SUBMITTAL DATA - INDOOR UNIT VMDB048H4-2P

VRF HEAT PUMP & HEAT RECOVERY

DIMENSIONAL DRAWINGS - INCHES (MM)



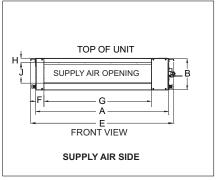


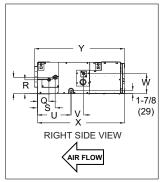
6-3/4 171 33-1/8 841

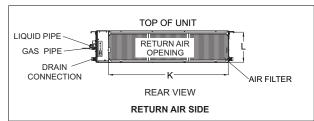
048

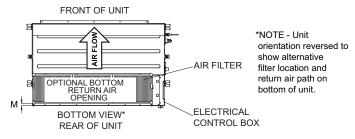
7-1/4

184









Size	Α		В			С		D		E		F		G		Н		J		
Size	in.	mm	in.	mm	i	in.	mm	in.	in. mm		n. mm		in.	mm	in.	mm	in.	mı	n in.	mm
048	47-1/4	1200	11-7/8	3 302	34	I-1/8	867	31-1/2	800	50-	3/4 1	1289	3-1/8	79	38-1/8	968	1-1/	2 38	8 8	203
C:	K		L		М		N		Р		Q		R		S		T		U	
Size	in.	mm	in.	mm	n. n	nm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
048	43	1092	11-3/8	289	2 4	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		Υ												

864