

SUBMITTAL DATA - INDOOR UNIT VMDB030H4-3P

VRF Heat Pump & Heat Recovery

	For: Reference Approval Review Construction
System Designation:	Date:
Schedule No.:	Location:
Location:	Architect:
Job:	Engineer:

Medium-Static Concealed Duct Indoor Unit

FEATURES

- · Pre Heat Function
- · Four Built-In Dry Contact Relays
- · Auto Addressing · Electronic Expansion Valve
- · Auto Restart · High-Efficiency DC Motor
- · Brazed Connections
- · LED Display
- · Refrigerant R-410A
- · Nine capacity sizes from 7,000 to 48,000 Btu/h
- Foldable Return Air Filter Integral Condensate Pump

WARRANTY

10-year limited warranty.*See warranty for details.

PERFORMANCE Cooling Capacity¹ (Btu/h) 30,000 Heating Capacity¹ (Btu/h) 34,000 Airflow (CFM) Low/Medium/High 780/980/1100 External Static Pressure (in. w.g.) 0.10 - 0.60 Sound (dBA) Low/Medium/High 39.4/42.3/46.7 ELECTRICAL DATA Power Supply (Volts/Hertz/Phase) 208-230/60/1 Minimum Circuit Ampacity (MCA) (A) 5 Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 140 Cooling Rated Current (A) 1 Heating Power Input² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100 Shipping Weight (Ib) 115	SPECIFICATIONS					
Heating Capacity¹ (Btu/h) 34,000 Airflow (CFM) Low/Medium/High 780/980/1100 External Static Pressure (in. w.g.) 0.10 - 0.60 Sound (dBA) Low/Medium/High 39.4/42.3/46.7 ELECTRICAL DATA Power Supply (Volts/Hertz/Phase) 208-230/60/1 Minimum Circuit Ampacity (MCA) (A) 5 Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 140 Cooling Rated Current (A) 1 Heating Power Input² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	PERFORMANCE					
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External Static Pressure (in. w.g.)	Heating Capacity ¹ (Btu/h)		34,000			
Sound (dBA) Low/Medium/High 39.4/42.3/46.7		Low/Medium/High				
ELECTRICAL DATA Power Supply (Volts/Hertz/Phase) 208-230/60/1 Minimum Circuit Ampacity (MCA) (A) 5 Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 140 Cooling Rated Current (A) 1 Heating Power Input² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	External Static Pressure (in. w.g.)	0.10 - 0.60				
Power Supply (Volts/Hertz/Phase) 208-230/60/1	Sound (dBA) Lo	w/Medium/High	39.4/42.3/46.7			
Minimum Circuit Ampacity (MCA) (A) 5 Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 140 Cooling Rated Current (A) 1 Heating Power Input² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	ELECTRICAL DATA					
Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 140 Cooling Rated Current (A) 1 Heating Power Input² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	Power Supply (Volts/Hertz/Phase)		208-230/60/1			
Cooling Power Input ² (W) 140 Cooling Rated Current (A) 1 Heating Power Input ² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Width 50-3/4 Unit Dimensions (in) Width 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	Minimum Circuit Ampacity (MCA) (A	5				
Cooling Rated Current (A) 1 Heating Power Input² (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Width Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100		15				
Heating Power Input2 (W) 135 Heating Rated Current (A) 1 Indoor Fan Motor Input (W) 290 DIMENSIONS Unit Dimensions (in) Width Height 50-3/4 Liquid Pipe Connection (in) (I.D) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	Cooling Power Input ² (W)		140			
Heating Rated Current (A) 1			1			
Indoor Fan Motor Input (W) 290		135				
DIMENSIONS Unit Dimensions (in) Width Height 11-7/8 Depth 50-3/4 Height 11-7/8 Depth Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	. ,	1				
Unit Dimensions (in) Width Height 11-7/8 Depth 50-3/4 Height 11-7/8 Depth Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100	Indoor Fan Motor Input (W)	290				
Height Depth 34	DIMENSIONS					
Depth 34	Unit Dimensions (in)	Width	50-3/4			
Liquid Pipe Connection (in) (I.D.) 3/8 Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 100		Height	11-7/8			
Gas Pipe Connection (in) (I.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 100		Depth	34			
Drain Connection (in) (O.D.) 1 Net Weight (lb) 100	Liquid Pipe Connection (in) (I.D)		3/8			
Net Weight (lb) 100	Gas Pipe Connection (in) (I.D.)		5/8			
	Drain Connection (in) (O.D.)		1			
Shipping Weight (lb) 115						
	Shipping Weight (lb)		115			



OPTIONAL ACCESSORIES	
Non-Programmable Controller	V0STAT54P-3
Programmable Wired Controller	V0STAT51P-3
Infrared Wireless Controller	V0STAT52P-1
Occupancy Sensor	V0SNSR78P-3
Remote Sensor	V0SNSR00P-1
HHE Relay Kit	V0CTRL92P-3
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.
- Complies with AHRI 1230-2014 testing standards



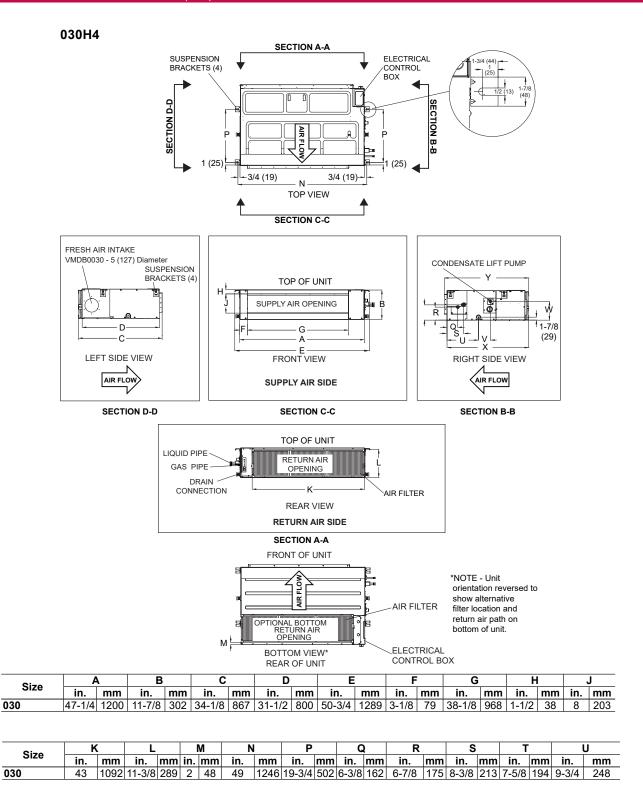




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DIMENSIONAL DRAWINGS - INCHES (MM)



0:	V		W		X		Υ	
Size	in.	mm	in.	mm	in.	mm	in.	mm
030	7-1/4	184	6-3/4	171	33-1/8	841	34	864