

SUBMITTAL DATA - INDOOR UNIT VMDB036H4-3P **VRF Heat Pump & Heat Recovery**

	For: Peference Annroyal Paview Construction
System Designation:	Date:
Schedule No.:	Location:
Location:	Architect:
Job:	Engineer:

Medium-Static Concealed Duct Indoor Unit

FEATURES

· Auto Addressing

- Pre Heat Function
- · Four Built-In Dry Contact Relays
 - · 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) 36,000 Heating Capacity¹ (Btu/h) 42,000 Airflow (CFM) Low/Medium/High 860/980/1200 External Static Pressure (in. w.g.) 0.10 - 0.60 Sound (dBA) Low/Medium/High 40.8/43.8/47.8 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) 155 Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Unit Dimensions (in) Width Height 11-7/8 Depth Liquid Pipe Connection (in) (O.D.) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 124 Shipping Weight (Ib) 143	SPECIFICATIONS					
Heating Capacity1 (Btu/h)	PERFORMANCE					
Airflow (CFM)	Cooling Capacity ¹ (Btu/h)	36,000				
External Static Pressure (in. w.g.)	Heating Capacity ¹ (Btu/h)	42,000				
Sound (dBA) Low/Medium/High 40.8/43.8/47.8 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) 155 Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124						
ELECTRICAL DATA	External Static Pressure (in. w.g	0.10 - 0.60				
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) 155 Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124	Sound (dBA)	40.8/43.8/47.8				
Minimum Circuit Ampacity (MCA) (A) 5 Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 155 Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124						
Maximum Overcurrent Protection (MOP) (A) 15 Cooling Power Input² (W) 155 Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Width Height 11-7/8 Unit Dimensions (in) Width Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124	Power Supply (Volts/Hertz/Phas	e)	208-230/60/1			
Cooling Power Input² (W) 155 Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Width 50-3/4 Unit Dimensions (in) Width 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124	Minimum Circuit Ampacity (MCA	(A)	5			
Cooling Rated Current (A) 1.5 Heating Power Input² (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Width 50-3/4 Unit Dimensions (in) Width 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124 124	Maximum Overcurrent Protectio	n (MOP) (A)	15			
Heating Power Input2 (W) 155.00 Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS Unit Dimensions (in) Width 50-3/4 Height 11-7/8 Depth 34 Liquid Pipe Connection (in) (O.D.) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (Ib) 124	Cooling Power Input ² (W)	155				
Heating Rated Current (A) 1.5 Indoor Fan Motor Input (W) 322 DIMENSIONS		1.5				
Indoor Fan Motor Input (W) 322						
DIMENSIONS Unit Dimensions (in) Width Height 11-7/8 Depth 50-3/4 Height 11-7/8 Depth Liquid Pipe Connection (in) (O.D) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) Drain Connection (in) (O.D.) 1 Net Weight (lb) 124		1.5				
Unit Dimensions (in) Width Height 11-7/8 Depth 50-3/4 11-7/8 Depth Liquid Pipe Connection (in) (O.D.) 3/8 3/8 3/8 Depth Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) Net Weight (lb) 124	Indoor Fan Motor Input (W)		322			
Height 11-7/8 Depth 34	DIMENSIONS					
Depth 34	Unit Dimensions (in)	Width	50-3/4			
Liquid Pipe Connection (in) (O.D.) 3/8 Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124		Height	11-7/8			
Gas Pipe Connection (in) (O.D.) 5/8 Drain Connection (in) (O.D.) 1 Net Weight (lb) 124		Depth	34			
Drain Connection (in) (O.D.) 1 Net Weight (lb) 124			3/8			
Net Weight (lb) 124						
3 ()			<u> </u>			
Shipping Weight (lb) 143						
	Shipping Weight (lb)		143			



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 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

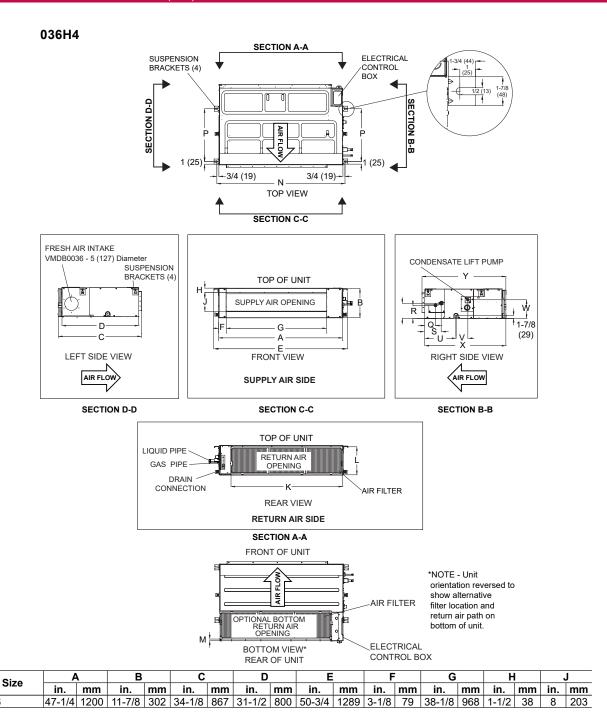






SUBMITTAL DATA - INDOOR UNIT VMDB036H4-3P

DIMENSIONAL DRAWINGS - INCHES (MM)



Size	K		L		M		N		Р		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
036	43	1092	11-3/8	289	2	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

C:	V	,	W	1	Х		Υ		
Size	in.	mm in. mm i	in.	mm	in.	mm			
036	7-1/4	184	6-3/4	171	33-1/8	841	34	864	

036