

OMEGA VRF TECHNOLOGY

Engineered to elevate efficiency and comfort
..... to the next level!

VEWP SERIES

HIGH WALL VRF Indoor Unit 3D Inverter Heat Pump Indoor Unit

Cooling Capacity Min~Max: 7,505~24,225 BTU/h (2.2 ~ 7.1 kW)
Heating Capacity Min~Max: 8,530 ~ 27,295 BTU/h (2.5 ~ 8.0 kW)

Product Features

- ✓ Whisper Quiet Design.
- ✓ Auto Restart.
- ✓ Washable Filter.
- ✓ Self-Diagnostics Function.
- ✓ Factory Tested.
- ✓ Auto-Swing (Vertical).
- ✓ Easy Installation & Maintenance.

Indoor Unit Features

- ✓ Wireless LCD Remote Control (Standard).
- ✓ Wired LCD Remote Control (Optional).
- ✓ Deluxe Wired Controller with Weekly Timer (Optional).
- ✓ Centralized Controller (Optional).
- ✓ Smart Zone Controller (Optional).
- ✓ Remote Monitoring Software.
- ✓ Anti-Freezing Protection.
- ✓ Fan Motor Overload Protection.
- ✓ Temperature Sensor Malfunction.
- ✓ Cold Air Prevention Design (Heating Mode).



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OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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HIGH WALL VRF Indoor Unit

MODEL NO.	VEWP	008Q 0A-GWV022	010Q 0A-GWV028	012Q 0A-GWV036	015Q 0A-GWV045	019Q 0A-GWV056	024Q 0A-GWV071
Cooling Capacity	BTU/h (kW)	7,505 (2.2)	9,555 (2.8)	12,285 (3.6)	15,355 (4.5)	19,110 (5.6)	24,225 (7.1)
Heating Capacity	BTU/h (kW)	8,530 (2.5)	10,920 (3.2)	13,650 (4.0)	17,060 (5.0)	21,495 (6.3)	27,295 (8.0)
Refrigerant Control	Electronic Expansion Valve @ Indoor Unit						
Coil Type	Grooved Cooper Tubes - Hydrophilic Aluminum Fins						
Electrical	Voltage-Phase	220~240V-1Ph					
	Frequency	N/A - 3D					
	FLA	0.07	0.07	0.09	0.10	0.11	0.17
	Input (W)	15	15	18	20	23	35
Air Filter	Cleanable Cartridge Type						
Fan	Type	Cross-Flow Fan					
	Speed	4-Speed					
	Qty	1	1	1	1	1	1
	Air Flow CFM (m ³ /hr) (Hi)	260 (440)	260 (440)	295 (500)	385 (655)	425 (720)	525 (890)
	Noise Level Hi (db)	33	33	36	38	42	43
Refrigerant Connections inches (mm)	Type	Flare					
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
	Suction	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)
Drain Connections inches (mm)	7/8 (20)		7/8 (20)	7/8 (20)	7/8 (20)	1 3/8 (30)	1 3/8 (30)
Dimensions inches (mm)	Height	9 1/8 (230)	9 1/8 (230)	9 1/8 (230)	12 5/8 (320)	12 5/8 (320)	12 5/8 (320)
	Width	34 1/8 (864)	34 1/8 (864)	34 1/8 (864)	38 1/4 (972)	38 1/4 (972)	38 1/4 (972)
	Depth	7 7/8 (200)	7 7/8 (200)	7 7/8 (200)	8 1/2 (215)	8 1/2 (215)	8 1/2 (215)
Net Weight Lbs (kgs)	20.9 (9.5)		20.9 (9.5)	20.9 (9.5)	25.4 (11.5)	25.4 (11.5)	25.4 (11.5)



Wireless Controller
VAEWP-G001
(Standard)



Wireless Controller
VAEWD-G001
(Optional)



Wired Controller
VAECR-G001
(Optional)



Deluxe Wired Controller
VAECD-G001
(Optional)



Touch Tone Central
VAECT-G064T
(Optional)



Wi Fi Smart Box
VAESB-G64WF
(Optional)



Centralized Controller
VAESC-G64T
(Optional)

- Notes:**
- Nominal capacities are based on ARI standards 210/240-89, air entering the indoor coil operating at high fan speed for 220V-240V setting. Cooling: 80/67° F (27/19° C) DB/WB indoor & 95° F (35° C) outdoor ambient temperature.
 - Refrigerant metering device is installed at the indoor unit as standard.

- Flare fittings are provided for connecting indoor and outdoor units.
- Insulation of both liquid and suction line is required (Heat Pump Mode).
- For details of model number nomenclature, please refer to publication OMGNM-0621.

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