

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).



OMEGA



OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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)

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 (m³/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.

OMEGA
ENVIRONMENTAL
TECHNOLOGIES LLC.

17702 Mitchell North, #101
Irvine, CA 92614, USA
Tel: 714 795 2830
Fax: 714 966 1649
info@omegainverter.com
www.omegainverter.com



ISO 14001 ISO 9001

OTEC
AIR CONDITIONING

Showroom & Technology Center
11380 Interchange Circle North
Miramar, FL 33025 - USA
Tel: 305 731 2140, 888 840 7550
Fax: 954 212 8280
info@otecus.com
www.otecus.com