

OMEGA VRF TECHNOLOGY

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

VEUA SERIES MULTI-POSITION AIR HANDLER VRF Indoor Unit Inverter Heat Pump 60Hz

Cooling Capacity Min~Max: 24,225 ~ 54,590 BTU/h (7.1 ~ 16.0 kW)

Heating Capacity Min~Max: 27,295 ~ 61,415 BTU/h (8.0 ~ 18.0 kW)

Product Features

- ✓ Horizontal & Vertical Installation.
- ✓ Low Ambient Cooling.
- ✓ Auto Restart.
- ✓ Dirty Filter Indicator
- ✓ Self Diagnosis Function.
- ✓ Factory Tested.
- ✓ Low Noise Design.
- ✓ Easy Maintenance.
- ✓ Easy Sweat Connections.



Indoor Unit Features

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

OMEGA



OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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AIR HANDLER VRF Indoor Unit					
MODEL NO.	VEUA	024Q 2A-GCV071	036Q 2A-GCV105	048Q 2A-GCV140	060Q 2A-GCV160
Cooling Capacity	Btuh (kw)	24,225 (7.1)	35,825 (10.5)	47,770 (14.0)	54,590 (16.0)
Heating Capacity	Btuh (kw)	27,295 (8.0)	39,240 (11.5)	54,590 (16.0)	61,415 (18.0)
Refrigerant Control	Electronic Expansion Valve @ Indoor Unit				
Coil Type	Grooved Cooper Tubes - Aluminum Blue Slit Fin				
Electrical	Voltage-Phase	208/230V - 1Ph			
	Frequency	60Hz			
	FLA	5	5	10	10
	Power Input (W)	290	290	517	517
Air Filter	Cleanable Cartridge Type				
Fan	Type	Centrifugal Fan			
	Speed	2-Speed			
	Qty	1	1	1	1
	Air Flow CFM (m ³ /hr) (Hi)	880 (1500)	880 (1500)	1470 (2500)	1470 (2500)
	Noise Level Hi (db)	54	54	60	60
Refrigerant Connections inches (mm)	Type	Sweat			
	Liquid	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Suction	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Drain Connections inches (mm)	(mm)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)
Dimensions inches (mm)	Height	30 1/2 (774)	30 1/2 (774)	38 1/4 (970)	38 1/4 (970)
	Width	20 1/2 (520)	20 1/2 (520)	21 5/8 (550)	21 5/8 (550)
	Depth	18 1/8 (460)	18 1/8 (460)	19 5/8 (500)	19 5/8 (500)
Net Weight Lbs (kgs)		79.4 (36)	79.4 (36)	105.8 (48)	105.8 (48)



Wireless Controller
VAEWP-G001
(Standard)



Wireless Controller
VAESB-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.

- Sweat 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-0420.