

# 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 : 24,245 ~ 54,545 Btuh (7.1 ~ 16.0 kW)

Heating Capacity Min~Max: 27,325 ~ 58,060 Btuh (8.0 ~ 17.0 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	031Q	035Q	038Q	048Q	060Q
		2A-RCV071	2A-RCV090	2A-RCV100	2A-RCV112	2A-RCV140	2A-RCV160
Cooling Capacity	Btuh (kw)	24,245 (7.1)	30,740 (9.0)	34,150 (10.0)	38,250 (11.2)	47,815 (14.0)	54,545 (16.0)
Heating Capacity	Btuh (kw)	27,325 (8.0)	34,150 (10.0)	37,565 (11.0)	42,690 (12.5)	51,300 (15.0)	58,060 (17.0)
Refrigerant Control	Electronic Expansion Valve @ Indoor Unit						
Coil Type	Grooved Cooper Tubes - Aluminum Blue Slit Fin						
Electrical	Voltage-Phase	208/230-1					
	Frequency	60Hz					
	FLA	2.0	2.0	2.0	2.0	2.5	2.5
	Power Input (W)	215	270	370	430	550	600
Air Filter	Cleanable Cartridge Type						
Fan	Type	Centrifugal Fan					
	Speed	3-Speed					
	Qty	1	1	1	1	1	1
	Air Flow CFM (m³/hr) (Hi)	941 (1600)	1000 (1700)	1118 (1900)	1325 (2250)	1412 (2400)	1471 (2500)
	Noise Level Hi (db)	50	51	52	52	55	59
Refrigerant Connections inches (mm)	Type	Sweat					
	Liquid	3/8 (9.52)	3/8 (9.52)	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)	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)	3/4 (19.05)	3/4 (19.05)
Dimensions inches (mm)	Height	43 1/5 (1105)	43 1/5 (1105)	48 1/4 (1224)	48 1/4 (1224)	48 1/4 (1224)	48 1/4 (1224)
	Width	18 1/8 (460)	18 1/8 (460)	21 1/4 (540)	21 1/4 (540)	24 3/4 (630)	24 3/4 (630)
	Depth	21 1/4 (540)	21 1/4 (540)	21 1/4 (540)	21 1/4 (540)	21 1/4 (540)	21 1/4 (540)
Net Weight Lbs (kgs)		116.8 (53)	125.6 (57)	145.5 (66)	147.7 (67)	171.9 (78)	171.9 (78)



Wired Controller  
VAECR-R001 (Standard)



Wireless Controller  
VAERP-R001 (Optional)



Deluxe Wired Controller  
VAEDC-R001 (Optional)



Smart Zone Controller  
VAESC-R032T (Optional)



Centralized Controller  
VAMCC-R255T (Optional)

- Notes:**
1. 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.
  2. Refrigerant metering device is installed at the indoor unit as standard.

3. Sweat fittings are provided for connecting indoor and outdoor units.
4. Insulation of both liquid and suction line is required (Heat Pump Mode).
5. For details of model number nomenclature, please refer to publication OMGNM-0315.