

OMEGA VRF TECHNOLOGY

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

VEFS SERIES FLOOR STANDING VRF Indoor Unit 3D Inverter Heat Pump

Cooling Capacity Min~Max: 38,250~54,545 Btuh (11.2 ~ 16.0 kW)

Heating Capacity Min~Max: 40,985~58,060 Btuh (12.0 ~ 17.0 kW)

Product Features

- ✓ Full DC Inverter Technologies.
- ✓ Auto Restart.
- ✓ Ideal for Hotels & Restaurants
- ✓ Self Diagnosis Function.
- ✓ Factory Tested.
- ✓ Auto Clean Function.
- ✓ Easy Installation & Maintenance

Indoor Unit Features

- ✓ Wireless LCD Remote Control (Standard).
- ✓ Built in LCD Control with Panel Display (Standard)
- ✓ Wired LCD Remote Control (Optional).
- ✓ Deluxe Wired Controller with Weekly Timer (Optional)
- ✓ Centralized Controller (Optional).
- ✓ Smart Zone Controller (Optional).
- ✓ Remote Monitoring Software (Optional).
- ✓ Automatic Up & Down and Left & Right Swing.
- ✓ Temperature Sensor Malfunction.



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OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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FLOOR STANDING VRF Indoor Unit					
MODEL NO.	VEFS	038Q	048Q	060Q	
		0A-RUV112	0A-RUV140	0A-RUV160	
Cooling Capacity	Btuh (kw)	38,250 (11.2)	47,820 (14.0)	54,545 (16.0)	
Heating Capacity	Btuh (kw)	40,985 (12.0)	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	220/240-1			
	Frequency	N/A -3D			
	FLA	0.82	0.82	0.82	
	Input (W)	180	180	180	
Air Filter		Cleanable Cartridge Type			
Fan	Type	Centrifugal Fan			
	Speed	3-Speed			
	Qty	1	1	1	
	Air Flow CFM (m³/hr) (Hi)	945 (1600)	1000 (1700)	1000 (1700)	
	Noise Level Hi (db)	51	52	52	
Refrigerant Connections inches (mm)	Type	Flare			
	Liquid	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)	
Drain Connections inches (mm)	(mm)	9/8 (28.6)	9/8 (28.6)	9/8 (28.6)	
Dimensions inches (mm)	Height	73 5/8 (1870)	73 5/8 (1870)	73 5/8 (1870)	
	Width	22 7/8 (580)	22 7/8 (580)	22 7/8 (580)	
	Depth	15 3/4 (400)	15 3/4 (400)	15 3/4 (400)	
Net Weight Lbs (kgs)		147.8 (67)	147.8 (67)	147.8 (67)	



Wireless Controller
VAEWP-R001 (Standard)



Wired Controller
VAECR-R001 (Optional)



Deluxe Wired Controller
VAEDC-R001 (Optional)



Smart Zone Controller
VAESC-R032T (Optional)



Centralized Controller
VAMCC-R255T (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-0315.

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



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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