

# OMEGA VRF TECHNOLOGY

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

## VEHA SERIES

### HIGH STATIC DUCTED VRF Indoor Unit Inverter Heat Pump 60 HZ

Cooling Capacity Min~Max: 68,240~95,540 Btuh (20.0~ 28.0 kW)

Heating Capacity Min~Max: 75,070 ~ 105,090 Btuh (22.0~30.8 kW)

#### Product Features

- ✓ Full DC Inverter Technologies.
- ✓ Built in Drain Pump Available for VEHP Series.
- ✓ Auto Restart.
- ✓ Excellent Comfort for Commercial & Industrial Solutions.
- ✓ Self Diagnosis Function.
- ✓ Factory Tested.
- ✓ High Static Pressure Design.
- ✓ Easy Maintenance.

#### Indoor Unit Features

- ✓ Wired LCD Remote Control (Standard).
- ✓ Wireless LCD Remote Control (Optional).
- ✓ Deluxe Wired Controller (Optional).
- ✓ Centralized controller (Optional).
- ✓ Remote monitoring software (Optional).
- ✓ Anti-Freezing Protection.
- ✓ Fan Motor Overload Protection.
- ✓ Temperature Sensor Malfunction



OMEGA



OTEC  
AIR CONDITIONING

A Product of  
**OMEGA**  
Environmental  
Technologies LLC.

ISO 14001 ISO 9001

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#### HIGH STATIC DUCTED VRF Indoor Unit

MODEL NO.	VEHA	070Q 2A-GCV200	085Q 2A-GCV250	096Q 2A-GCV280
Cooling Capacity	Btuh (kw)	68,240 (20.0)	85,300 (25.0)	95,540 (28.0)
Heating Capacity	Btuh (kw)	75,070 (22.0)	93,840 (27.5)	105,090 (30.8)
Refrigerant Control	Electronic Expansion Valve @ Indoor Unit			
Coil Type	Grooved Cooper Tubes - Aluminum Blue Slit Fin			
Electrical	Voltage-Phase	208-230/1		
	Frequency	60 Hz		
	FLA	5.4	5.4	5.4
	Power Input (W)	1200	1200	1200
Air Filter	Cleanable Cartridge Type			
Fan	Type	Centrifugal Fan		
	Speed	3-Speed		
	Qty	2	2	2
	Air Flow CFM (m³/hr) (Nom)	2350 (4000)	2470 (4200)	2590 (4400)
	ESP Range in-wt / (Pa)	0~0.60 / (0~100)		
Refrigerant Connections inches (mm)	Noise Level Hi (db)	53	54	55
	Type	Flare		
Refrigerant Connections inches (mm)	Liquid	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Suction	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)
Drain Connections inches (mm)		1 1/4 (30)	1 1/4 (30)	1 1/4 (30)
Dimensions inches (mm)	Height	17 5/8 (448)	17 5/8 (448)	17 5/8 (448)
	Width	57 5/8 (1465)	57 5/8 (1465)	57 5/8 (1465)
	Depth	31 7/8 (811)	31 7/8 (811)	31 7/8 (811)
Net Weight Lbs (kgs)		224.9 (102)	224.9 (102)	224.9 (102)



Wired Controller  
VAECR-G001  
(Standard)



Wireless Controller  
VAEWP-G001  
(Optional)



Wireless Controller  
VAEWD-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-0517.

**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