

OMEGA VRF TECHNOLOGY

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

VECT SERIES TWO WAY CASSETTE VRF Indoor Unit Inverter Heat Pump

Cooling Capacity Min~Max: 12,300 ~ 24,250 Btuh (3.6 ~ 7.1 kW)
Heating Capacity Min~Max: 13,700 ~ 27,320 Btuh (4.0 ~ 8.0 kW)

Product Features

- ✓ Built in Drain Pump.
- ✓ Auto Restart.
- ✓ Excellent Comfort for Rooms & Compact Solutions.
- ✓ Self Diagnosis Function.
- ✓ Factory Tested.
- ✓ Automatic Defrosting.
- ✓ Low Voltage Start Up.

Indoor Unit Features

- ✓ Wireless LCD Remote Control (Standard).
- ✓ Wired LCD Remote Control (Optional).
- ✓ Centralized controller (Optional).
- ✓ Wi Fi Smart Box (Optional).
- ✓ Remote monitoring software (Optional).
- ✓ Two Direction Airflow.
- ✓ Ultra-Low Noise Operation.
- ✓ Intelligent Drainage Device.
- ✓ Anti-Freezing Protection.
- ✓ Temperature Malfunction Protection.
- ✓ Fan Motor Overload Protection.



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!

VECT SERIES TWO WAY CASSETTE VRF Indoor Unit Inverter Heat Pump

Cooling Capacity Min~Max: 12,300 ~ 24,250 Btuh (3.6 ~ 7.1 kW)
Heating Capacity Min~Max: 13,700 ~ 27,320 Btuh (4.0 ~ 8.0 kW)

| TWO WAY CASSETTE VRF Indoor Unit | | | | | |
|--|---|----------------------------|-------------------|-------------------|-------------------|
| MODEL NO. | VECT | 012Q 2A-GWV036 | 015Q 2A-GWV045 | 019Q 2A-GWV056 | 024Q 2A-GWV071 |
| Cooling Capacity | Btuh (kw) | 12,300 (3.6) | 15,370 (4.5) | 19,125 (5.6) | 24,250 (7.1) |
| Heating Capacity | Btuh (kw) | 13,700 (4.0) | 17,100 (5.0) | 21,520 (6.3) | 27,320 (8.0) |
| Refrigerant Control | Electronic Expansion Valve @ Indoor Unit | | | | |
| Coil Type | Grooved Copper Tubes - Aluminum Blue Slit Fin | | | | |
| Electrical | Voltage-Phase | 220/240-1 | | | |
| | Frequency | 60Hz | | | |
| | FLA | 0.45 | 0.55 | 0.55 | 0.95 |
| | Power Input (W) | 50 | 70 | 70 | 100 |
| Air Filter | Cleanable Cartridge Type | | | | |
| Fan | Type | 2 Centrifugal Sirocco Fans | | | |
| | Speed | 3-Speed | | | |
| | Air Flow CFM (m³/hr) (Hi) | 350 (600) | 470 (800) | 470 (800) | 700 (1120) |
| | Noise Level Hi (db) | 40 | 42 | 42 | 46 |
| Refrigerant Connections inches (mm) | Type | Flare | | | |
| | Liquid | 1/4 (6.35) | 1/4 (6.35) | 1/4 (6.35) | 3/8 (9.52) |
| | Suction | 3/8 (9.52) | 1/2 (12.7) | 1/2 (12.7) | 5/8 (15.9) |
| Drain Connections inches (mm) | | 1 (25.4) | 1 (25.4) | 1 (25.4) | 1 (25.4) |
| Body Dimensions inches (mm) | Height | 12 1/4 (310) | 12 1/4 (310) | 12 1/4 (310) | 12 1/4 (310) |
| | Width | 42 1/8 (1068) | 42 1/8 (1068) | 42 1/8 (1068) | 51 1/2 (1308) |
| | Depth | 20 3/8 (517) | 20 3/8 (517) | 20 3/8 (517) | 20 3/8 (517) |
| Body Net Weight Lbs (kgs) | | 72.8 (33) | 72.8 (33) | 72.8 (33) | 88.1 (40) |
| Panel Dimensions inches (mm) | Height | 2 (50) | 2 (50) | 2 (50) | 2 (50) |
| | Width | 47 1/2 (1205) | 47 1/2 (1205) | 47 1/2 (1205) | 56 7/8 (1445) |
| | Depth | 24 7/8 (630) | 24 7/8 (630) | 24 7/8 (630) | 24 7/8 (630) |
| Panel Net Weight Lbs (kgs) | | 15.4 (7) | 15.4 (7) | 15.4 (7) | 17.6 (8) |



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-0117.

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