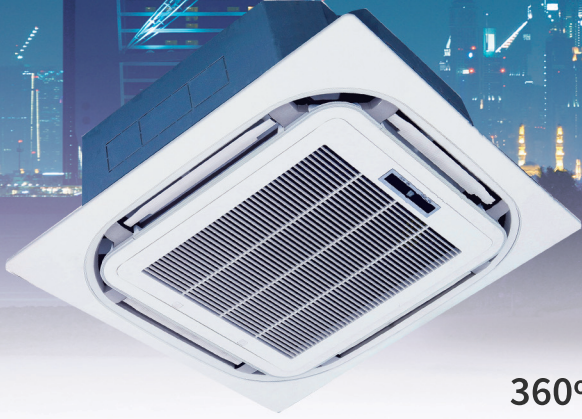


OMEGA VRF TECHNOLOGY

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



VECR SERIES

360° AIRFLOW VRF CASSETTE

Inverter Heat Pump Indoor Unit 50Hz

Cooling Capacity Min~Max: 9,600 ~ 54,640 Btuh (2.8 ~ 16.0 kW)

Heating Capacity Min~Max: 10,950 ~ 58,000 Btuh (3.2 ~ 17.0 kW)

Product Features

- ✓ DC Inverter Technologies.
- ✓ 360° Airflow.
- ✓ 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).
- ✓ Ultra-Low Noise Operation.
- ✓ Intelligent Drainage Device.
- ✓ Anti-Freezing Protection.
- ✓ Temperature Malfunction Protection.
- ✓ Fan Motor Overload Protection.
- ✓ Water Overflow Protection.

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OTEC
AIR CONDITIONING

A Product of
OMEGA
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ISO 14001 ISO 9001

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360° FLOW CASSETTE VRF Indoor Unit

MODEL NO.	VECR	010Q	012Q	015Q	019Q	024Q	027Q	031Q	035Q	038Q	043Q	048Q	060Q
		3A-GWV028	3A-GWV036	3A-GWV045	3A-GWV056	3A-GWV071	3A-GWV080	3A-GWV090	3A-GWV100	3A-GWV112	3A-GWV125	3A-GWV140	3A-GWV160
Cooling Capacity	Btuh (kw)	9,600 (2.8)	12,295 (3.6)	15,360 (4.5)	19,125 (5.6)	24,240 (7.1)	27,320 (8.0)	30,735 (9.0)	34,150 (10.0)	38,250 (11.2)	42,690 (12.5)	47,770 (14.0)	54,640 (16.0)
Heating Capacity	Btuh (kw)	10,950 (3.2)	13,660 (4.0)	17,075 (5.0)	21,515 (6.3)	27,320 (8.0)	30,025 (8.8)	34,150 (10.0)	38,215 (11.0)	42,700 (12.5)	47,770 (14.0)	51,180 (15.0)	58,000 (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	50 Hz											
	FLA	0.19	0.24	0.24	0.24	0.42	0.42	0.73	0.73	0.73	0.73	0.73	0.73
	Power Input (W)	43	54	54	54	93	93	160	160	160	160	160	160
Air Filter		Cleanable Cartridge Type											
Fan	Type	Coaxial Turbo Fan											
	Speed	3-Speed											
	Air Flow CFM (m³/hr) (Hi)	380 (650)	475 (810)	475 (810)	475 (810)	705 (1200)	705 (1200)	940 (1600)	940 (1600)	940 (1600)	940 (1600)	940 (1600)	940 (1600)
	Noise Level Hi/Lo (db)	36-32	39-35	39-35	39-35	39-36	39-36	41-37	41-37	41-37	41-37	41-37	41-37
Refrigerant Connections inches (mm)	Type	Flare											
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
	Suction	3/8 (9.53)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	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)		1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)
Body Dimensions inches (mm)	Height	9 1/8 (232)	9 1/8 (232)	9 1/8 (232)	9 1/8 (232)	9 1/8 (232)	9 1/8 (232)	11 1/4 (286)	11 1/4 (286)	11 1/4 (286)	11 1/4 (286)	11 1/4 (286)	11 1/4 (286)
	Width	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)	32 3/4 (833)
	Depth	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)	35 1/2 (900)
Body Net Weight Lbs (kgs)		48.5 (22)	52.9 (24)	52.9 (24)	52.9 (24)	52.9 (24)	52.9 (24)	62.8 (28.5)	62.8 (28.5)	62.8 (28.5)	62.8 (28.5)	62.8 (28.5)	62.8 (28.5)
Panel Dimensions inches (mm)	Height	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)	2 (50)
	Width	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)
	Depth	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)
Panel Net Weight Lbs (kgs)		11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)	11.9 (5.4)



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-0917.

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