

OMEGA VRF TECHNOLOGY

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

VEFB SERIES DECORATIVE FLOOR CONSOLE VRF Indoor Unit 3D Inverter Heat Pump

Cooling Capacity Min~Max: 7,510 ~ 27,320 Btuh (2.2 ~ 8.0 kW)
Heating Capacity Min~Max: 8,200 ~ 30,700 Btuh (2.4 ~ 9.0 kW)

Product Features

- ✓ Full DC Inverter Technologies.
- ✓ Auto Restart.
- ✓ Excellent Comfort for Rooms & Compact Solutions.
- ✓ Self Diagnosis Function.
- ✓ Factory Tested.
- ✓ Auto Addressing.
- ✓ Easy Maintenance.
- ✓ Small Installation Space.

Indoor Unit Features

- ✓ Deluxe Wired Controller with Timer.
- ✓ Remote monitoring software (Optional).
- ✓ Anti-Freezing Protection.
- ✓ Fan Motor Overload Protection.
- ✓ Temperature Sensor Malfunction.
- ✓ Bottom Return.



OMEGA



OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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DECORATIVE FLOOR CONSOLE VRF Indoor Unit

MODEL NO.	VEFB	008Q	010Q	012Q	015Q	019Q	024Q	031Q
		0A-DCV022	0A-DCV028	0A-DCV036	0A-DCV045	0A-DCV056	0A-DCV071	0A-DCV080
Cooling Capacity	Btuh (kw)	7,510 (2.2)	9,555 (2.8)	12,285 (3.6)	15,355 (4.5)	19,125 (5.6)	24,245 (7.1)	27,320 (8.0)
Heating Capacity	Btuh (kw)	8,200 (2.4)	10,920 (3.2)	13,650 (4.0)	17,060 (5.0)	21,515 (6.3)	27,320 (8.0)	30,700 (9.0)
Refrigerant Control		Electronic Expansion Valve @ Indoor Unit						
Coil Type		Grooved Cooper Tubes - Aluminum Blue Slit Fin						
Electrical	Voltage-Phase	208/230-1						
	Frequency	N/A -3D						
	FLA	0.12	0.12	0.10	0.12	0.20	0.31	0.3
	Power Input (W)	24	24	21	24	41	65	63
Air Filter		Cleanable Cartridge Type						
Fan	Type	Centrifugal Fan						
	Speed	3-Speeds						
	Qty	2	2	3	3	3	3	3
	Air Flow CFM (m³/hr) (Hi)	312 (530)	334 (567)	367 (624)	388 (660)	677 (1150)	812 (1380)	812 (1380)
	Noise Level Hi/Lo (db)	36/29	36/29	37/30	37/30	31/31	44/33	44/33
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)
	Suction	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Drain Connections inches (mm)		1 (25.4)						
Dimensions inches (mm)	Height	26 5/8 (677)	26 5/8 (677)	26 5/8 (677)	26 5/8 (677)	26 5/8 (677)	26 5/8 (677)	26 5/8 (677)
	Width	39 3/8 (1000)	39 3/8 (1000)	47 1/4 (1200)	47 1/4 (1200)	59 (1500)	59 (1500)	59 (1500)
	Depth	8 5/8 (220)	8 5/8 (220)	8 5/8 (220)	8 5/8 (220)	8 5/8 (220)	8 5/8 (220)	8 5/8 (220)
Net Weight Lbs (kgs)		60.5 (27.5)	60.5 (27.5)	72.6 (33.0)	72.6 (33.0)	85.1 (38.7)	85.1 (38.7)	90.2 (41.0)



Deluxe Wired Controller
VAECD-D001

- 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 OGMNM-0217.