

VRF ULTIMA

OMEGA VRF TECHNOLOGY

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

BECM SERIES

MINI CASSETTE VRF Indoor Unit Inverter Heat Pump 60Hz

Cooling Capacity Min ~ Max: 7,505 ~ 15,355 BTU/h (2.2 ~ 4.5 kW)

Heating Capacity Min ~ Max: 8,190 ~ 17,060 BTU/h (2.4 ~ 5.0 kW)

Product Features

- ✓ Built-in Electronic Expansion Valve.
- ✓ Built-in Drain Pump.
- ✓ Auto Restart.
- ✓ Excellent Comfort for Commercial & Industrial 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).
- ✓ Deluxe Wired Controller with Weekly Timer (Optional).
- ✓ Centralized controller (Optional).
- ✓ Remote monitoring software (Optional).
- ✓ 8 Direction Airflow.
- ✓ Ultra-Low Noise Operation.
- ✓ DC Inverter Motor.
- ✓ Compact Design.
- ✓ Intelligent Drainage Device.



OMEGA



OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

VRF ULTIMA

OMEGA VRF TECHNOLOGY

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

BECM SERIES MINI CASSETTE VRF Indoor Unit Inverter Heat Pump 60 Hz

Cooling Capacity Min ~ Max: 7,505 ~ 15,355 BTU/h (2.2 ~ 4.5 kW)
Heating Capacity Min ~ Max: 8,190 ~ 17,060 BTU/h (2.4 ~ 5.0 kW)

MINI CASSETTE VRF Indoor Unit					
MODEL NO.	BECM	008Q 2A-DWM022	010Q 2A-DWM028	012Q 2A-DWM036	015Q 2A-DWM045
Cooling Capacity	BTU/h (kW)	7,505 (2.2)	9,555 (2.8)	12,285 (3.6)	15,355 (4.5)
Heating Capacity	BTU/h (kW)	8,190 (2.4)	10,920 (3.2)	13,650 (4.0)	17,060 (5.0)
Refrigerant Control	Electronic Expansion Valve @ Indoor Unit				
Coil Type	Grooved Cooper Tubes - Hydrophilic Aluminum Fins				
Electrical	Voltage-Phase	208~230 / 1Ph			
	Frequency	60 Hz			
	FLA	0.16	0.16	0.16	0.16
	Power Input (W)	100	100	120	120
Air Filter	Cleanable Cartridge Type				
Fan	Type	Coaxial Turbo Fan			
	Speed	3-Speed			
	Air Flow CFM (m³/hr) (Hi)	235 (397)	240 (408)	290 (496)	290 (496)
	Noise Level Hi (db)	36	36	42	42
Refrigerant Connections inches (mm)	Type	Branch Header			
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Suction	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Drain Connections inches (mm)		1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)
Body Dimensions inches (mm)	Height	10 1/4 (260)	10 1/4 (260)	10 1/4 (260)	10 1/4 (260)
	Width	24 7/8 (630)	24 7/8 (630)	24 7/8 (630)	24 7/8 (630)
	Depth	22 1/2 (570)	22 1/2 (570)	22 1/2 (570)	22 1/2 (570)
Body Net Weight Lbs (kgs)		38.4 (17.4)	38.4 (17.4)	41.4 (18.8)	41.4 (18.8)
Panel Dimensions inches (mm)	Height	2 (50)	2 (50)	2 (50)	2 (50)
	Width	25 1/2 (647)	25 1/2 (647)	25 1/2 (647)	25 1/2 (647)
	Depth	25 1/2 (647)	25 1/2 (647)	25 1/2 (647)	25 1/2 (647)
Panel Net Weight Lbs (kgs)		5.5 (2.5)	5.5 (2.5)	5.5 (2.5)	5.5 (2.5)



Wireless Controller
VAEWD-D001 (Optional)



Wireless Controller
VAEWR-D001 (Standard)



Wired Controller
VAECR-D001 (Standard)



Deluxe Wired Controller
VAECD-D001 (Optional)



Centralized Controller
VAECC-D064T (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 OGMNM-0521.

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