

# VRF ULTIMA

# OMEGA VRF TECHNOLOGY

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

## BECW SERIES

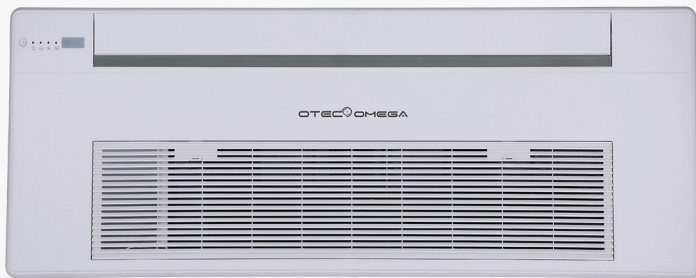
### ONE-WAY CASSETTE VRF Indoor Unit Inverter Heat Pump 60 Hz

Cooling Capacity Min~Max: 6,410 ~ 24,225 BTU/h (1.8 ~ 7.1 kW)

Heating Capacity Min~Max: 7,505 ~ 27,295 BTU/h (2.2 ~ 8.0 kW)

### Product Features

- ✓ Built-in Electronic Expansion Valve.
- ✓ 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).
- ✓ Deluxe Wired Controller with Weekly Timer (Optional).
- ✓ Centralized controller (Optional).
- ✓ Remote monitoring software (Optional).
- ✓ One Direction Airflow.
- ✓ Fresh Air Intake Available on 015, 019, and 024 Models.
- ✓ Ultra-Low Noise Operation.
- ✓ Small Installation Design.
- ✓ Water Overflow Protection.
- ✓ Anti-Freezing Protection.
- ✓ Temperature Malfunction Protection.

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OTEC  
AIR CONDITIONING

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

ISO 14001 ISO 9001



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#### ONE-WAY CASSETTE VRF Indoor Unit

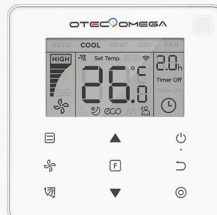
MODEL NO.	BECW	006Q	008Q	010Q	012Q	015Q	019Q	024Q	
		2A-DWM018	2A-DWM022	2A-DWM028	2A-DWM036	2A-DWM045	2A-DWM056	2A-DWM071	
Cooling Capacity	BTU/h (kW)	6,140 (1.8)	7,505 (2.2)	9,555 (2.8)	12,285 (3.6)	15,355 (4.5)	19,110 (5.6)	24,225 (7.1)	
Heating Capacity	BTU/h (kW)	7,505 (2.2)	8,870 (2.6)	10,920 (3.2)	13,650 (4.0)	17,060 (5.0)	21,495 (6.3)	27,295 (8.0)	
Refrigerant Control	Electronic Expansion Valve @ Indoor Unit								
Coil Type	Grooved Copper Tubes - Hydrophilic Aluminum Fin								
Electrical	Voltage-Phase	208-230 / 1Ph							
	Frequency	60 Hz							
	FLA	0.16	0.16	0.24	0.24	0.24	0.24	0.32	
	Power Input (W)	80	80	80	80	100	120	160	
Air Filter	Cleanable Cartridge Type								
Fan	Type	Cross-flow Fan							
	Speed	3-Speed							
	Air Flow CFM (m³/hr) (Hi)	310 (523)	310 (523)	335 (573)	335 (573)	410 (693)	465 (792)	550 (933)	
	Noise Level Hi (db)	37	37	39	39	41	42	44	
Refrigerant Connections inches (mm)	Type	Branch Header							
	Liquid	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	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)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	
Drain Connections inches (mm)	1 (25)								
Body Dimensions inches (mm)	Height	6 (153)	6 (153)	6 (153)	6 (153)	7 1/2 (189)	7 1/2 (189)	7 1/2 (189)	
	Width	41 1/2 (1054)	41 1/2 (1054)	41 1/2 (1054)	41 1/2 (1054)	50 1/4 (1275)	50 1/4 (1275)	50 1/4 (1275)	
	Depth	16 3/4 (425)	16 3/4 (425)	16 3/4 (425)	16 3/4 (425)	17 3/4 (450)	17 3/4 (450)	17 3/4 (450)	
Body Net Weight Lbs (kgs)	27.8 (12.5)		27.8 (12.5)	28.8 (13.0)	28.8 (13.0)	40.8 (18.5)	41.4 (18.8)	43.0 (19.5)	
Panel Dimensions inches (mm)	Height	1 (25)	1 (25)	1 (25)	1 (25)	1 (25)	1 (25)	1 (25)	
	Width	46 1/2 (1180)	46 1/2 (1180)	46 1/2 (1180)	46 1/2 (1180)	53 1/8 (1350)	53 1/8 (1350)	53 1/8 (1350)	
	Depth	18 3/8 (465)	18 3/8 (465)	18 3/8 (465)	18 3/8 (465)	19 7/8 (505)	19 7/8 (505)	19 7/8 (505)	
Panel Net Weight Lbs (kgs)	7.7 (3.5)		7.7 (3.5)	7.7 (3.5)	7.7 (3.5)	8.8 (4.0)	8.8 (4.0)	8.8 (4.0)	



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-0721.

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