



BECW SERIES

ONE-WAY CASSETTE VRF Indoor Unit Inverter Heat Pump 50 Hz

Cooling Capacity Min~Max: 6,410~24,225 BTU/h (1.8~7.1kW)
Heating Capacity Min~Max: 7,505~27,295 BTU/h (2.2~8.0kW)

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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

- Wired LCD Remote Control (Standard).
- Wireless 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 034 Models.
- Ultra-Low Noise Operation.
- Small Installation Design.
- Water Overflow Protection.
- Anti-Freezing Protection.
- Temperature Malfunction Protection.



ISO 14001 ISO 9001

COMPATIBILITY



VRF Cloud Gateway

The new VRF Cloud Gateway by Cool Automation seamlessly integrates VRF systems with smart phones, tablets, or any similar wireless device as well as home automation control systems.

Coolmasternet Cloudbox



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MODEL NO.	BECW	006Q	008Q	010Q	012Q	015Q	019Q	024Q
		3A-DWM018	3A-DWM022	3A-DWM028	3A-DWM036	3A-DWM045	3A-DWM056	3A-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 Cooper Tubes - Hydrophilic Aluminum Fin						
Electrical	Voltage-Phase	220-240 - 1Ph						
	Frequency	50 Hz						
	FLA	0.16	0.16	0.24	0.24	0.24	0.24	0.32
	Power Input (W)	80	80	80	80	100	100	120
Air Filter		Cleanable Cartridge Type						
Fan	Type	Cross-Flow Fan						
	Speed	3-Speed						
	Air Flow CFM (m³/hr) (Hi)	305 (523)	305 (523)	335 (573)	335 (573)	405 (693)	465 (792)	550 (933)
	Noise Level Lo-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)		27.6 (12.5)	27.6 (12.5)	28.7 (13.0)	28.7 (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)

Controllers



Wireless Controller
VAEWD-D001
(Optional)



Wireless Controller
VAEWR-D001
(Optional)



Wired Controller
VAECR-D001 (Standard)



Deluxe Wired Controller
VAECD-D001 (Optional)



Centralized Controller
VAECG-D064T (Optional)

Notes

1. 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. 2. EER figures are estimate subject to indoor units installed. 3. Refrigerant metering device is installed at the indoor unit as standard. 4. Flare fittings are provided as standard. 5. Insulation of both liquid and suction line is required (Heat Pump Model). 6. ODU's installed above IDU's 98 ft (30m) & ODU's installed below IDU's 66 ft (20m). 7. Refer to individual indoor unit spec sheets for details. 8. For details of model number nomenclature, please refer to publication OGMN-0921.

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Inverter Heat Pump 60Hz

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Coil Type		Grooved Cooper 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 Lo-Hi (db)	37	37	39	39	41	42	44
Refrigerant Connections inches (mm)	Type	Branch Header						
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	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)

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Centralized Controller
VAECR-D064T (Optional)

Notes

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