

# OMEGA TECHNOLOGY

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

## WEFC SERIES

### FLOOR CEILING WATER FAN COIL UNITS

235-1,200 CFM (400-2,040 m<sup>3</sup>/h)

Cooling Capacity: 10,000-33,100 Btuh (2.9-9.7 kW)

Heating Capacity: 18,300-54,250 Btuh (5.4-15.9 kW)

### Product Features (Standard)

- ✓ Cooling & Heating.
- ✓ Auto Clean Function.
- ✓ Inner Groove Cooper Tubes.
- ✓ Compact Design.
- ✓ Multi Fan with 3 Speeds.
- ✓ Wireless Remote Controller.
- ✓ Easy Connect Threaded Brass Connections.
- ✓ Self Diagnosis.
- ✓ Whisper Quiet Design.
- ✓ Anti-Cold Function.
- ✓ Washable Filter.
- ✓ Microcomputer Control.

### Product Features (Optional)

- ✓ Wired Remote Controller (WCA-CC308).
- ✓ 3 Way Electronic Valve, 3/4 (WAE3V2-R340).
- ✓ Copper Fins.



Standard Wireless Controller



Optional Wired Controller

OMEGA

OTEC  
AIR CONDITIONING

A Product of  
OMEGA  
Environmental  
Technologies LLC.

ISO 14001 ISO 9001

[www.otecac.com](http://www.otecac.com)

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Note: Design, specifications and performance data is subject to change without notice.



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MODEL NO.	WEFC	002C2	003C2	004C2	005C2	006C2	007C2	010C2	012C2
		W-RWTN034	W-RWTN051	W-RWTN068	W-RWTN085	W-RWTN102	W-RWTN136	W-RWTN170	W-RWTN204
Air Flow Volume (Hi)	CFM (m <sup>3</sup> /hr)	235 (400)	300 (510)	400 (680)	485 (820)	600 (1020)	700 (1190)	1000 (1700)	1200 (2040)
Cooling Capacity	Btuh (kw)	10,000 (2.9)	11,325 (3.3)	14,675 (4.3)	17,640 (5.2)	19,380 (5.7)	24,055 (7.1)	30,705 (9.0)	33,100 (9.7)
Heating Capacity	Btuh (kw)	18,300 (5.4)	19,650 (5.8)	23,715 (7.0)	27,640 (8.1)	31,390 (9.2)	36,165 (10.6)	49,475 (14.5)	54,250 (15.9)
Water Flow Rate	GPM (L/S)	2.21 (0.14)	2.53 (0.16)	3.32 (0.21)	3.96 (0.25)	4.12 (0.26)	5.07 (0.32)	6.81 (0.43)	7.29 (0.46)
Water Pressure drop	ft-wtr (kPa)	3.34 (10.0)	4.03 (12.0)	6.02 (18.0)	10.04 (30.0)	16.72 (50.0)	18.40 (55.0)	18.40 (55.0)	18.40 (55.0)
Coil Type		Aluminum fin - Copper tube							
Coil face Area	Sqft	2.36	2.36	2.36	2.36	5.50	5.50	7.85	7.85
Coil face Velocity	f/m (m/s)	98.4 (0.50)	125.9 (0.64)	167.3 (0.85)	202.8 (1.03)	108.3 (0.55)	125.9 (0.64)	125.9 (0.64)	151.6 (0.77)
Electrical	Voltage	208 - 230 /1/60 Hz							
	FLA	0.22	0.24	0.33	0.38	0.48	0.50	0.79	1.03
	Input (W)	47	49	69	81	99	103	165	215
Fan Motor	Type	PSC - Permanent Split Capacitor Motor							
	Speed	3-Speed							
	Type	Centrifugal							
	Noise L. Hi (db)	41	41	46	49	51	51	48	50
Air Filter		Cleanable Cartridge Type							
Water Connections In & Out inches (mm)		3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)
Drain Connections Threaded inches (mm)		3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)
Dimensions inches (mm)	Height	9 1/3 (238)	9 1/3 (238)	9 1/3 (238)	9 1/3 (238)	7 1/2 (188)	7 1/2 (188)	9 1/3 (238)	9 1/3 (238)
	Width	32 7/8 (834)	32 7/8 (834)	32 7/8 (834)	32 7/8 (834)	51 1/8 (1300)	51 1/8 (1300)	62 1/2 (1590)	62 1/2 (1590)
	Depth	27 1/3 (694)	27 1/3 (694)	27 1/3 (694)	27 1/3 (694)	23 5/8 (600)	23 5/8 (600)	7 7/8 (695)	7 7/8 (695)
Net Weight Lbs (kgs)		57.3 (26)	57.3 (26)	57.3 (26)	57.3 (26)	75.0 (34)	75.0 (34)	108.1 (49)	108.1 (49)

#### Notes:

- Nominal cooling capacities are based in Floor Ceiling Water Fan Coil, air entering conditions DB : 27 ° C (80° F) WB : 19 ° C (66.2° F) entering chilled water conditions : 7 ° C (44.6° F) leaving chilled water conditions : 12 ° C (53.6° F) at High Speed Fan , 220/1/60Hz.
- Sound Power level will be according to ISO 5151, Sound Pressure calculated at 1m of distance.
- For details of model number nomenclature, please refer to publication OMGNM-0215.



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ISO 14001 ISO 9001