



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

## WEVC SERIES

### CLOSET WATER FAN COIL UNITS

400-1,200 CFM (680-2,040 m³/h)  
3 Rows & 4 Rows

#### Product Features (Standard)

- ✓ Cooling & Heating.
- ✓ Ideal for Hotel/Motel Application.
- ✓ Built in Die-Formed Drain Pan.
- ✓ Compact & Quiet Design.
- ✓ 3 Speed Fan.
- ✓ Galvanized Blower Wheel & Housing.
- ✓ Sweat Pipe Connections.
- ✓ PSC Motors with Ball Bearing.
- ✓ Thermal Overload Protection.
- ✓ Front Filter Access.
- ✓ 208-230/1/60 Hz Power Supply.
- ✓ 2 Pipe or 4 Pipe Version Available.
- ✓ 24 or 230 Volt Control Options.

#### Product Features (Optional)

- ✓ ECM Motors.
- ✓ Wired Remote Controller.
- ✓ Hydrophilic Blue Fins.
- ✓ Copper Fins.
- ✓ Electric Heater.
- ✓ 2 or 3 Way Motorized Valves.
- ✓ 115/1/60 Hz Power Supply.
- ✓ Louvered Wall Access panel.



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

**ISO 14001 ISO 9001**



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Physical Data	MODEL NO.	WEVC	004C2x	006C2x	008C2x	010C2x	012C2x	
	Air Flow @ esp 0.12 in (30pa)	CFM (m <sup>3</sup> /hr)	400 (680)	600 (1020)	800 (1360)	1000 (1700)	1200 (2040)	
	Coil Type	Aluminum fin - Copper tube						
	Coil face Area	Sqft (Sqm)	1.30 (0.12)	1.75 (0.16)	2.10 (0.20)	2.70 (0.25)	3.20 (0.30)	
	Coil face Velocity	f/m (m/s)	308 (1.56)	343 (1.74)	381 (1.94)	370 (1.88)	375 (1.91)	
	Electrical	Voltage	208 - 230 /1/60 Hz					
		FLA	0.9	1.2	1.6	1.8	2.2	
	Fan Motor	Type	PSC - Permanent Split Capacitor Motor					
		HP	1/10	1/8	1/6	1/5	1/4	
		Speed	3-Speed					
Type		Centrifugal						
Fan Qty		1						
Blower Size (in)		9 x 6	9 x 6	9 x 7	10 x 6	10 x 6		
Air Filter	Field Supplied							
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)	
Dimensions inches (mm)	Height		36 (914)	36 (914)	36 (914)	38 (965)	42 (1067)	
	Width		20 1/2 (521)	20 1/2 (521)	20 1/2 (521)	20 1/2 (521)	20 1/2 (521)	
	Depth		15 (381)	15 (381)	15 (381)	18 (457)	18 (457)	

  

3 ROWS COIL Data	MODEL NO.	WEVC	004C23 -TNSN068	006C23 -TNSN102	008C23 -TNSN136	010C23 -TNSN170	012C23 -TNSN204	
	Total Capacity	Btuh (kw)	13,200 (3.87)	18,800 (5.51)	22,800 (6.68)	27,900 (8.18)	34,100 (9.99)	
	Sensible Capacity	Btuh (kw)	9,800 (2.87)	14,300 (4.19)	17,300 (5.07)	21,600 (6.33)	26,400 (7.74)	
	Water Flow Rate	GPM (L/S)	2.6 (0.16)	3.8 (0.24)	4.6 (0.29)	5.6 (0.35)	6.8 (0.43)	
	Water Pressure drop	ft-wg (kPa)	11.0 (32.9)	5.4 (16.1)	9.0 (26.9)	5.2 (15.1)	8.6 (25.7)	
	Water Connections Sweat - In/Out in. (mm)			1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	3/4 (19.05)
	Net Weight Lbs (kgs)			75 (34)	79 (36)	81 (37)	86 (39)	106 (48)

  

4 ROWS COIL Data	MODEL NO.	WEVC	004C24 -TNSN068	006C24 -TNSN102	008C24 -TNSN136	010C24 -TNSN170	012C24 -TNSN204	
	Total Capacity	Btuh (kw)	14,900 (4.37)	21,200 (6.21)	25,500 (7.47)	30,800 (9.03)	38,000 (11.1.4)	
	Sensible Capacity	Btuh (kw)	10,900 (3.19)	15,600 (4.57)	18,900 (5.54)	22,500 (6.59)	28,800 (8.44)	
	Water Flow Rate	GPM (L/S)	3.0 (0.19)	4.2 (0.26)	5.1 (0.32)	6.2 (0.39)	7.6 (0.48)	
	Water Pressure drop	ft-wg (kPa)	14.0 (41.8)	9.4 (28.1)	11.0 (32.9)	8.0 (23.9)	13.0 (38.9)	
	Water Connections Sweat - In/Out in. (mm)			1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	3/4 (19.05)
	Net Weight Lbs (kgs)			78 (35)	82 (37)	84 (38)	90 (41)	110 (50)

**Notes:**

- Cooling capacities shown are based on AHRI 210/240 standards, air entering coil at 80/67 °F DB/WB and water entering coil @ 45 °F with 10 °F temperature difference.
- Standard units would be with 208-230/1/60 motors where 115/1/60 motors will be available as option.
- For details of model number nomenclature, please refer to publication OMGNM-0315.