



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

WAUD SERIES

CONVERTIBLE WATER AIR HANDLING UNIT

600-2,000 CFM (1,020-3,400 m³/h)
4 Rows Coil

Product Features (Standard)

- ✓ Cooling & Heating.
- ✓ Convertible for vertical & horizontal installation.
- ✓ Built in two position drain pan.
- ✓ Compact & Quiet Design.
- ✓ Easy Access Front Panel.
- ✓ 3 Speed Fan.
- ✓ Galvanized Blower Wheel & Housing.
- ✓ Male Pipe Thread Connections.
- ✓ PSC Motors with Ball Bearing.
- ✓ Thermal Overload Protection.
- ✓ Cleanable Filter.
- ✓ 208-230/1/60 Hz Power Supply.
- ✓ 2 Pipe or 4 Pipe Version Available.
- ✓ 24, 120 or 230 Volt Control Options.

Product Features (Optional)

- ✓ ECM Motors.
- ✓ Programable Digital Thermostat.
- ✓ Copper Fins.
- ✓ Electric Heater.
- ✓ 2 or 3 Way Motorized Valves.
- ✓ 115/1/60 Hz Power Supply.



A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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4 ROWS COIL Data	MODEL NO.	WAUD	006C24 -TNSN102	008C24 -TNSN136	012C24 -TNSN204	016C24 -TNSN272	020C24 -TNSN340
	Total Capacity	Btuh (kw)	20,400 (6.0)	26,400 (7.7)	37,820 (10.5)	51,260 (15.0)	61,480 (18.0)
	Sensible Capacity	Btuh (kw)	14,990 (3.2)	19,400 (8.7)	27,800 (8.1)	37,780 (11.1)	45,380 (13.3)
	Water Flow Rate	GPM (L/S)	3.6 (0.23)	4.8 (0.30)	7.2 (0.45)	9.6 (0.61)	12.0 (0.76)
	Water Pressure drop	ft-wg (kPa)	3.5 (10.5)	6.3 (18.8)	9.67 (28.9)	6.4 (34.1)	14.3 (42.7)
	Air Flow @ esp 0.4 in (100pa)	CFM (m ³ /hr)	600 (1020)	800 (1360)	1200 (2040)	1600 (2720)	2000 (3400)
	Coil Type	Aluminum fin - Copper tube 4 row coil.					
	Coil face Area	Sqft (Sqm)	1.75 (0.16)	1.75 (0.16)	2.89 (0.27)	4.17 (0.38)	4.17 (0.38)
	Coil face Velocity	f/m (m/s)	343 (1.74)	457 (2.32)	415 (2.10)	384 (1.95)	479 (2.43)
	Electrical	Voltage	208 - 230/1/60 Hz				
FLA		1.8	1.8	1.9	3.3	4.0	
Fan Motor	Type	PSC - Permanent Split Capacitor Motor					
	HP	1/4	1/4	1/3	1/2	3/4	
	Speed	3-Speed					
	Type	Centrifugal					
	Fan Qty	1					
	Blower Size (in)	9 x 7	9 x 7	10 x 8	10 x 10	10 x 10	
Air Filter	Cleanable Filter						
Water Connections M.P.T - In/Out in. (mm)	3/4 (19.05)		3/4 (19.05)	3/4 (19.05)	1 (25.4)	1 (25.4)	
Drain Connections Threaded inches (mm)	3/4 (19.05)						
Dimensions inches (mm)	Height	38 (965)	38 (965)	47 5/8 (1210)	47 5/8 (1210)	47 5/8 (1210)	
	Width	16 1/2 (420)	16 1/2 (420)	18 1/2 (470)	24 5/8 (560)	24 5/8 (560)	
	Depth	19 1/2 (495)	19 1/2 (495)	20 7/8 (530)	24 5/8 (625)	24 5/8 (625)	
Net Weight Lbs (kgs)	84 (38.0)		84 (38.0)	100 (45.4)	148 (67.3)	152 (69.1)	

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 OGMNM-1017.

