

Wataire CI-5000 Commercial/Industrial Atmospheric Water Generator 1320 US Gallons/5000 Liters per Day

Model CI-5000 Specifications	
Water-from-air production rate	1320 US Gal/day 5000 L/d @ 80°F, 60% relative humidity
Water Producing Module (WPM)	
Airflow	14,400 cfm (cubic feet per minute)
Air Filters	Electrostatic
Coil	Food grade coating
Refrigerant	R-22
Fan	Centrifugal
Motor	High efficiency
Cooling Module (CM)	
Number of refrigerant circuits	2
Compressors per circuit	3
Refrigerant	R-22
Number of fans/motors	8
Water Treatment Module (WTM)	
Drain pan	Stainless steel
Pre-filters	Removes sediment
Water treatment system (multi-stage)	Inactivates bacteria and viruses
Water storage capacity (built-in)	264 US Gallons/1003 Liters
Water Pumps	Drinking water compatible
Water filter	Reduces volatile organic compounds (VOCs)
Electronic clock & timer	Scheduled circulation of water in built-in storage through treatment system (second stage)
Water points	Faucet plus hose connection to remote storage
Drinking water quality guidelines	World Health Organization (WHO)
Energy Requirements	
Power supplies	WPM—230 V, 60 Hz, 3 phase CM—230 V, 60 Hz, 3 phase WTM— 115 V, 60 Hz, 1 phase
Current draw	WPM—Fan motor full load, 49 A CM— Full load, 373 A WTM—1 A
Power	84 kW
Energy cost of product water	1.5 kWh per US Gallon or 0.39 kWh/L
Operating Considerations	
Service lives estimates (from ASHRAE survey)	Fans, 15 years; Coil, 20 years; Compressors, 20 years; Pumps, 15 years; Electric motors, 18 years
Environmental conditions	Tropical climate; sea level; Min. dew-point 41°F
Physical data	
Dimensions (LWH)	Assembled on structural steel channel frame, 323" × 89" × 89"; Mobile on casters until installed <i>Shipped in hi cube 40 ft container.</i>
Weight	Total, 12,000 lb (5455 kg), water reservoir empty

* American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.