

Wataire Commercial/Industrial Atmospheric Water Generator 2500 Litres per Day

Model CI-2500 Specifications	
Water-from-air production rate	2,500 L/d @ 26.7°C and 60% relative humidity
Water Producing Module (WPM)	
Airflow	6,750 cfm
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	2
Refrigerant	R-22
Number of fans/motors	4
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)	900 L
Water Pumps	Drinking water quality
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 (50 Hz also available)	WPM—460 V, 60 Hz, 3 phase CM—460 V, 60 Hz, 3 phase WTM— 115 V, 60 Hz, 1 phase
Current draw	WPM + CM—70 A WTM—1 A
Power	45 kW
Energy cost of product water	0.43 kWh/L or 430 kWh/tonne
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 5°C
Sound Power Levels	WPM, 79 dB or less @ 1 m CM, 84 dB or less @ 1 m
Physical data	
Dimensions (LWH)	Assembled on structural steel channel frame, 228" × 89" × 89"; Mobile on casters until installed <i>Shipped in standard 20 ft container.</i>
Weight	Total, 5550 lb (2517 kg), water reservoir empty

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