Watair CI-7500 Commercial/Industrial

Atmospheric Water Generator

2000 US Gallons/7500 Liters per Day

Model CI-7500 PRELIMINARY Specifications	
Water-from-air production rate	2000 US Gal/day 7500 L/day @ 80°F, 60% relative humidity
Water Producing Module (WPM)	
Airflow	7,200 cfm (cubic feet per minute)
Air Filters	Electrostatic
Coil	Food grade coating
Refrigerant	Liquid coolant
Fan	Centrifugal
Motor	High efficiency
Cooling Module (CM)	
Number of refrigerant circuits	1
Compressors per circuit	2
Refrigerant	Liquid coolant
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)	132 US Gallons/500 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 (50 Hz also available)-Power takeoff, shaft drive	WPM—460 V, 60 Hz, 3 phase CM—460 V, 60 Hz, 3 phase WTM— 115 V, 60 Hz, 1 phase
Current draw	WPM—Fan motor full load, 70 A CM— Full load, 70 A WTM—1 A
Power	17 kW
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/5°C
Physical data	
Dimensions (LWH)	Assembled on structural steel channel frame, 210" × 89" × 89"; Mobile on casters until installed *Shipped in standard 20 ft container.*
Weight	Total, 5,000 lb (2288 kg), water reservoir empty

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