5000L - Plug & Drink For Commercial Use

Atmospheric Water Generator

Produce 5,000 Liters Clean, Drinkable Water Daily @30 °C & RH-80%
Produce 3,000 Liters Clean, Drinkable Water Daily @27 °C & RH-60%
Produce 675 Liters Clean, Drinkable Water Daily @25 °C & RH-30%



Specification of 5000L

Water Production (Liter/24Hrs) @30°C & RH-80%	5,000
Input power (W)	46,000
Efficiency (Wh/Liter) @30°C & RH-80%	221
Power supply	AC 380V/460V 50Hz/60Hz, Three-Phase Voltage
Compressor type	Enclosed Vortex Compressor
Compressor qty	4
Refrigerant gas	R410A
Filter system	Air Filter+PPF+GAC+PPF+RO+LED-UV
Recycle fan	8 pcs
Heat removal fan	8 pcs
Control system	PLC
Dimension L*W*H (mm)	4377*1796*2207
Net weight (kg)	3300
Working temperature	Standard working temperature is 15°C - 45°C Higher or lower request, customization will be conducted.
Working humidity	RH 25% above

Highlights of Industrial Atmospheric Water Generator

1 - Excellent and high efficiency on water production, even @lower humidity level

Our industrial AWGs' (atmospheric water generators) water production is:
>=330% of traditional AWGs **@25°C & RH-30%**

2 - Energy saving and cost effective - 230Wh per 1 liter @30 °C & RH-80%

Our industrial AWGs rated power consumption can achieve 230Wh per 1 liter @30 °C & RH-80%, with our unique and patented design allowing the cool and dehumidified air to absorb heat of incoming air, which make our AWGs power consumption is **33%~64% lower** than other traditional AWGs. It is really benefit to areas with energy shortages or expensive. And lower power consumption will lower your investment on solar power panels, inverters, and batteries when customer want to use solar power or wind power.

3 - Function modularity design for various capacity demand

Our function modularity design allows to built various capacity for industrial use to reach a wide range of application scenarios. Currently 250L, 500L, 1000L, 2000L, 5000L @30°C & RH-80% can be provided directly, other capacity design can be delivered quickly according to customers' requirement.

4 - Guaranteed product quality on water extraction

Our workers have many years experiences on AWG manufacture and commissioning. We will make performance testing before packing AWG into wooden box to ensure our AWG product quality and efficiency.

5 - High quality materials and multi-layer filtration system to ensure quality guaranteed drinkable water

Only high quality stainless steel, aluminum foil, air and water filtration systems are used in our AWGs, since all components contact with potable water are strictly following National Standards for Drinking Water guidelines.
With Air filter+PPF+GAC+PPF+RO+LED-UV sterilizer to filter particles and remove bacteria in air and water effectively, Our AWGs can produce high quality drinkable water.

Excellent Design and Manufacture Capability on AWG

5000L Atmospheric Water Generator Design Drawings



