



2019 Catalog

AWG-H SERIES



Atmospheric Water Generator (AWG) catalog is presented to you by Quench Innovations.

Innovative AWG technology machines harvests the untapped water suspended in surrounding air by extracting the invisible moisture to produce a spring-like stream of purified water. By using activated filters and ozonating the extracted water is ready to drink, cook, clean and for use anywhere water is needed. Mineral filters may be added to reinsert minerals not found in the vapor form making this new water slightly alkaline.

To begin the water conversion process, the internal cool water collection coil is covered with NSF grade coating to assure its purification. Each machine image below is made in the USA, designed to last decades. AWG generators can also be constructed to minimize damaging sandstorms or salty ocean air. By generating your own AWG water you will be part of our vision: Quenching Thirst Globally.



AWG-H1

Peak Power: 1.2 KW

Humidity Range: 40-100%**

24hr. Capacity: 16 Gallons / 61 Liters

Height: 19" | 48 cm

Width: 22" | 56 cm

Length: 27" | 69 cm

Weight: 250 lbs.

AWG-H3

Peak Power: 3.5 KW

Humidity Range: 40-100%**

24hr. Capacity: 48 Gallons / 182 Liters

Height: 55" | 91 cm

Width: 26" | 66 cm

Length: 38" | 122 cm

Weight: 438 lbs.



AWG-H5

Peak Power: 5.8 KW

Humidity Range: 40-100%**

24hr. Capacity: 95 Gallons / 360 Liters

Height: 53" | 135 cm

Width: 44" | 122 cm

Length: 55" | 140 cm

Weight: 585 lbs.

AWG-H10

Peak Power: 11.7 KW
Humidity Range: 40-100%**
24hr. Capacity: 160 Gallons / 606 Liters
Height: 69" | 175 cm
Width: 69" | 122 cm
Length: 55" | 140 cm
Weight: 1123 lbs.



AWG-H15

Run Power: 17.5 KW
Humidity Range: 40-100%**
24hr. Capacity: 240 Gallons/ 908 Liters
Height: 70" | 178 cm
Width: 48" | 122 cm
Length: 58" | 147 cm
Weight: 1661 lbs.

AWG-H25

Run Power: 28.2 KW
Humidity Range: 40-100%**
24hr. Capacity: 500 Gallons / 1,893 Liters
Height: 74" | 188 cm
Width: 48" | 122 cm
Length: 60" | 152 cm
Weight: 2200 lbs.



AwG-H15



AWG-H50

Run Power: 58.3 KW

Humidity Range: 40-100%**

24hr. Capacity: 1,000 Gallons / 5,678 Liters

Height: 74" | 188 cm

Width: 48" | 122 cm

Length: 60" | 152 cm

Weight: 3850 lbs.

AWG-H80

Run Power: 84 KW

Humidity Range: 40-100%**

24hr. Cap: 1,500 Gallons / 5,678 Liters

Height: 104" | 264 cm

Width: 108" | 274 cm

Length: 192" | 488 cm

Weight: 5294 lbs.



AWG-H100

Run Power: 105 KW

Humidity Range: 40-100%

24hr. Cap: 2,000 Gallons / 7,571 Liters

Height: 104" | 264 cm

Width: 108" | 274 cm

Length: 192" | 488 cm

Weight: 6783 lbs.



AWG-H160

Run Power: 141 KW
Humidity Range: 40-100%**
24hr. Cap: 3,000 Gallons / 11,356 Liters
Height: 140" | 264 cm
Width: 108" | 274 cm
Length: 240" | 610 cm
Weight: 8470 lbs.



AWG-H320

Run Power: 282 KW
Humidity Range: 40-100%**
24hr. Cap: 5,000 Gallons / 18,927 Liters
Height: 104 | 264 cm
Width: 108" | 274 cm
Length: 240" | 610 cm
Weight: 11646 lbs.

AWG-H640

Run Power: 564 KW
Humidity Range: 40-100%**
24hr. Cap: 10,000 Gallons / 37,854 Liters
Height: 104" | 528 cm
Width: 108' | 548 cm
Length: 480" | 1,220 cm
Weight: 23292 lbs.



Benefits of a P.L.C

- **The Programmable Logistics Controller (PLC) is a real time system controller capable of alerting either the operator or our factory of any beginning adverse situation with your water generator and communicate the malfunction before it becomes a serious problem.**
- **The computerized system will also assist the water generator to be working at its highest performance level in producing clean water.**
- **This PLC will help identify any maintenance issues early before the malfunction spreads.**
- **It can also be set to notify maintenance when it's time to change the air or water components.**
- **It serves as an automated troubleshooting.**
- **It is faster and often more accurate than manually solving a maintenance problem.**
- **The PLC will actually reduce your AwG's overall maintenance costs for the life of the unit.**



Quench Innovations



AwG's innovative, technological, and patented design uniquely extracts humidity and harvests it into pure water from the atmosphere. The cleaner the entering air, the easier it is for our AwGs to filter it to clean water, so it uses an air filter as the first stage of filtration. The stored water's treatment is with the nature-like purifying element of ozone. When there is a call for this ozonated water, it is pumped next through the series of purifying water filters and finally through the ultraviolet light to remove and eliminate any microorganisms and bacterial contaminant that may have survived the ozone. The water entering your glass or pitcher is the best tasting, purified water you can imagine. Just wait until you can experience the pleasant sensation of brushing your teeth with AwG water!

These incredible water generators, depending on the cost of electricity, produces a gallon of water at a cost range of about 6-15¢ per gallon. AwGs can also be powered by an alternative electrical supply like solar, wind or Diesel.

Another unique AwG feature offered is a PLC (Programmable Logic Controller) for the larger units. This is designed to monitor key components and warn of beginning malfunctions. This reduces operating costs and prolongs generator life. The PLC monitors temperature, voltage, amperage and frequency inputs of the electrical supply, which can seriously damage the unit. This PLC is especially valuable for the safe operation of the generator in areas of power surges or irregular electrical supply.

Please contact us for further information regarding an Atmospheric Water Generator for each of your water challenges.

Our goal at Quench Innovations is to solve your water challenges. With you using an AwG, you will be of AwG's mission to *Quench Thirst Globally* -- through innovations.



Our promise to you: Quench Innovations will deliver these innovative, high quality and environmentally friendly machines to quench your water challenges while we do everything we can assure your complete satisfaction.



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*All specified dimensions include variable tolerances and are subject to change. All specifications must be confirmed with the order.