

AWG Contracting™ engineers, designs and manufactures atmospheric water generators in the United States. Our advanced state-of-the-art patented technology extracts water from the atmosphere, the same air we breathe, reproducing the natural phenomenon of rain. This technology allows us to produce thousands of gallons of clean water a day with the use of only one atmospheric water generator to provide a safe, secure, reliable and resilient water supply by tapping the largest natural source of fresh water: the atmosphere.

## AWG550



## UNLIMITED CLEANWATER

The AWG550 is the most advanced atmospheric water generator with low power consumption. Engineered to produce up to 550 liters / 145 gallons of clean water a day.

### AWG550 Unit Features Include:

- » Daily water capacity production: 550 liters a day (can produce more in certain environmental conditions)
- » kWh: 0.60 kWh/gallon (0.18 kWh/l)
- » Wide range of operating conditions: 5°C-55°C; 20%-99% RH.
- » Electric; 400/460 V, 3-phase, 50-60 Hz
- » Components NSF 61 certified.
- » Power Supply: Electrical Grid and/or Generator
- » Power control enclosure is NEMA type 4X
- » Efficient one-person setup.
- » Easy transport and handling.
- » Automated controls.
- » O-Zone Treatment system and complete water filtration.
- » Remote Operation
- » Internal pumping.
- » Electric and electronic box refrigerated.
- » For extreme conditions and heavy-duty use; Specific to Military Use
- » Stackable construction with wheels and handles for transport and lifting of the unit.
- » Outside operation.
- » Fully tropicalized.
- » Transport: 16 units in a 20ft ISO container; 32 units in a 40ft ISO container.
- » Window to view water production; allows for the visual inspection inside the unit.
- » Equipped with soft starter.

### Average Water Production and Energy Consumption Per Liter/Gallon

Environmental Conditions	25°C / 77°F 50% RH	30°C / 86°F 80% RH
Water production liters/gallons per day	275 l/day 73 gal/day	550 l/day 145 gal/day
Power per liter / gallon	0.26 kWh/l 0.98 kWh/gal	0.18 kWh/l 0.68 kWh/gal

### Operating Limits

Temperature	5°C – 55°C / 41°F - 131°F
Relative humidity	20% – 99%

### Technical Characteristics

Water production	Nominal	550 l/day / 145 gal/day (30°C / 86°F – 80% RH)
	Nominal absorbed power	50 kW
Electric characteristics	Voltage	460 V, 3-phase, 50-60 Hz
	(customer request)	208 V, 3-phase, 50-60 Hz
	Max operating current	240 V, 1-phase, 50-60 Hz 16 A (at 460v 3-phase)
Dimensions	Length	1442 mm / 4 ft 9 in
	Width	1245 mm / 4 ft 1 in
	Height	1295 mm / 4 ft 3 in

The AWG550 water quality meets and exceeds World Health Organization (WHO) and Environmental Protection Agency (EPA) standards.