



## Domestic/Commercial/Industrial

**PlanetsWater™ /WaterMicron™ can provide you with the solution to your water needs and in doing so will help reduce your 'carbon footprint' and achieve both an ecological and economical answer;**



Drought Conditions



Flood & Disaster



Home



Industry



Agriculture

Our industrial machines are available ranging from 250, 500, 1,000, 3,000 and 5,000ltrs. We manufacture and distribute models worldwide that are completely 'state-of-the-art' Atmospheric Water Generators (AWG's) that produce the purest most natural drinking water available on the planet directly from the humidity in the air that we breathe.

### Water from Thin Air or Air to Pure Water

To ensure the safe delivery of purified drinking water, we use a multi-stage filtration system free of chemicals, using the "Reverse Osmosis" and the "Ultra Violet" filters, while the "Electrostatic Anti-bacteria & Anti-fungus" like the home/office machine, but at an industrial size and quantity. The water ready for drinking can also be hot or cold 200°F or 40°F (95°C or 5°C.). The industrial machines can be connected to a city water main line too, and "play the role" of filtering only the water.



Multi-stage Filtration



The industrial machines can be powered by an alternative source of energy, such as solar and/or wind. With the larger models, aside from changing the filters from time to time, the operating cost of generating pure water from solar or wind power is effectively \$0.00

- ❖ Where on earth is the Earth's water going if **70% of the earth is covered by water**, why is it that so many people have insufficient drinking water?
- ❖ In fact just **3%** of the earth's water is drinkable! Half of that is inaccessible because it is locked in the polar ice caps.
- ❖ The remaining **97% being undrinkable salt water**. Desalination is a feasible but extremely expensive process.
- ❖ According to World Bank, 600 Billion USD is invested in water delivery systems. Furthermore, the U.N. have announced a global water shortage and predicted that with current trends and demands, the supply of fresh ground water will run out by 2025.
- ❖ Scientists have given much warning to this water shortage and constructive steps are being taken, however, many of the most common methods to achieve pure drinking water are both expensive and wasteful.

Model-AWG	Production Capacity	Input Power	Internal Water Storage Capacity	Weight	Size (m)	Energy required
250	250L per day 15-38°C (40%-95%rh)	4.8 Kw	110L	320 Kg	H:1.3xW:0.65xL:1.6	0.5KWh/ltr.
500	500L per day 15-38°C (40%-95%rh)	4.8 Kw x2	256L	580 Kg	H:1.5xW:0.65xL:2.0	0.48KWh/ltr.
1000	1000L per day 20-38°C (40%-95%rh)	9.9KWx2	650L	2000Kg	H:1.8xW:1.8xL:2.8	0.64KWh/ltr.
3000	3000L per day 20-38°C (40%-95%rh)	30KWx2	1100L	3800Kg	H:1.8xW:2.0xL:4.2	0.6KWh/ltr.
5000	5000L per day 20-38°C (40%-95%rh)	47KWx2	1100L	4500Kg	H:1.8xW:2.1xL:5.6	0.56KWh/ltr.

**PlanetsWater™ / WaterMicron™ Atmospheric Water Generators US Conversions**

Model-AWG	Production Capacity	Input Power	Internal Water Storage Capacity	Weight	Energy Required	Electric cost KWWGal	Cost/gallon
250	66 Gal/day	4.8 KW	29 Gal	704 lbs	1.850	0.06295 KWb/Gal	\$0.116
500	132 Gal/day	4.8 KWx2	68 Gal	1276lbs	1.776	0.06295 KWb/Gal	\$0.112
1000	264 Gal/day	9.9 KWx2	172 Gal	4400lbs	2.368	0.06295 KWb/Gal	\$0.149
3000	792 Gal/day	30 KWx2	290 Gal	8360lbs	2.200	0.06295 KWb/Gal	\$0.140
5000	1320 Gal/day	47 KWx2	290 Gal	9900lbs	2.072	0.06295 KWb/Gal	\$0.130
<b>Average</b>					<b>2.057</b>		<b>\$0.130</b>

Power Supply: 380V/50Hz 3 Phase. Working Conditions: Temp: 10-38°C. Humidity: 35%-95%. Noise Level: <79dB.

**AWG-C Series Domestic/Commercial Machines**    **Example:** [Household, Office](#) / [Agricultural, Industrial](#)

**AWG-C-250L** 160x65x128cm / 320kgs

**AWG-C-500L** 225x75x146cm / 580kgs

**AWG-C-1,000L** 280x180x180cm / 2000kgs

**AWG-C-3,000L** 420x200x180cm / 3800kgs

**AWG-C-5,000L** 65% - 27C 560x210x180cm / 4500kgs    Revised 2010 © Planets Water, 2008.