

Aquaria Water



PURE WATER MADE FROM AIR



WHAT IS AQUARIA?

Rediscover real purity with drinking water made from air and free of all contaminants

Aquaria is an atmospheric water generator (AWG) that uses advanced water capture technology to extract water from ambient air. It provides the ultimate sustainable water solution that CREATES and FILTERS purified water everyday.

Aquaria has harnessed the latest eco-technology to create an abundant water supply without stripping the land of any resources. Each generator is infrastructure free and provides a renewable water source that is clean, safe and of the highest quality.



Hot and chilled



100% off-grid, infrastructure independent



Up to 20L per day production



15 year life expectancy

HOW DOES IT WORK?

Aquaria draws in ambient air through an air filter where water vapour is extracted through condensation. The water generated is then passed through several filters to create pure, healthy and refreshing drinking water.

WHY AQUARIA?

On an earth plagued by global warming, climate change, natural disasters and air pollution - the risks of water scarcity and contamination are ever-increasing. Aquaria can protect your future water supply with a solution that is both smart and economical.

Aquaria also understands the need to modernise and revolutionise our water supply, so have created an alternative that is sustainable and which doesn't rely on underground water resources or ageing or expensive infrastructures.

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THE PROBLEM

Chlorine, heavy metals, pesticides, and plastics all end up in our water supply

- Water scarcity & the effects of climate change
- Increased contamination from virus, pollution & bush fires
- Water services having delivery issues
- Ageing infrastructure
- Municipal water is monitored for 70 different contaminants
- The long term effects of chlorine to our health

THE SOLUTION

Why AWG Water is the Future of your Household?

Health, Taste & Quality

- Sediment filter that eliminates particles, achieving optimal taste
- Truly healthy water for your hydration
- The purified water is heated to 82C°, or chilled to 6C°
- Activated carbon filter with coconut shell to polish the water
- UV to remove any bacteria or microorganisms
- 0 Contaminants

Independence

- Infrastructure independent - no plumbing required
- Eliminates contamination and water quality concerns from the council or tank supply
- Protects against unreliable water delivery, climate change, increasingly severe natural disasters such as fire and drought

Sustainability

- Eliminates the need for plastic or glass bottled water
- Eliminates the water waste of bottled and filtered water
- Plastic bottle offset from the AWG production is equivalent to 7200 1L, or 14400 500ml bottles per year



KEY BENEFITS

High Quality Water

- Contains 0 contaminants (85 on average in everyday municipal water)
- Sediment filter eliminates harmful impurities and pollutants
- Activated carbon filter with coconut shell polishes water
- Membrane filter eliminates harmful particles
- UV lamp removes bacteria and microorganisms
- Dispenses purified hot (heated to 82C°) & cold water (chilled to 6C°)
- Produces the purest, best tasting drinking water on the market

Easy to Use Technology

- Easy to operate
- No installation - just plug it in
- No plumbing required
- Highest quality parts, including stainless steel tank and condensation coils
- Contemporary, compact design with modern digital interface



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SPECIFICATIONS

Power Supply: 22V 50Hz/110V 60Hz Total Power: 975W Compressor Power/Cooling Power: 470W Heating Power: 500W

Production Capacity - 20L per day @ average the conditions of 30°C & 80% relative humidity.

Working Conditions Range

Temperature - 15° C - 45° C
Humidity - 30% - 100% RH



Water Tanks

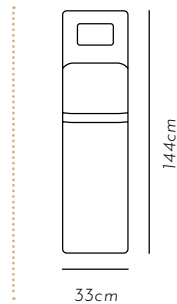
25L (top tank) + ambient holding tank
1.5L (cold tank) + 1.5L (hot tank)

Net Weight

45g

Size (LxWxH)

33*44*115cm



Filtration System*

PPF + CTO + UF + TT3 + UV

Refrigerent

R134a

Defrost Method

FAN COOLING

Operation Sound Level

<45Db

Filter Replacements:

Air filter Every 3 month wash with water

1. Sediment filter, it eliminates impurity and pollutants with the size of over 5 micron in water. Every 6 months requires replacement.
2. Pre Carbon Filter, use a coconut carbon filter that employs activated carbon absorption to absorb organic compounds and off odor, making water more natural. Every 6 months requires replacement.
3. Post Carbon Filter, the last part of the water purifier enjoys the ability to eliminate off odor and any potential colouring matters and to make the water colorless, flavorless and clean. Every 12 months requires replacement.

*PPF (particular filter) + CTO (Chlorine, Taste, and Odor) + UF (UltraFiltration) + TT3 (reduce chlorine, taste, odour, chemicals, sediment) + UV (Ultra Violet Light removes microbiological contaminants).

Environmental Economics

The plastic bottle offset from the AWG production is equivalent to 7200 1- litre or per year. Over the AWG's life time this works out to be as little as 0.02 cents* per litre of pure drinking water produced.

Certification:

AS/NZS 60335.1



Warranty

1 year with 15 year
life performance
expectancy

International standards.

The device is recognized around the world in the fields of innovation and sustainability and providing the highest commitment to water quality.