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ATMOSPHERIC WATER GENERATOR



Gauteng: (011) 704-6320
Pretoria: (012) 643-0445
Bloemfontein: 083 381 0074
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Cape Town: (021) 556-8292
Helderberg: (021) 854-5233
KZN: (031) 579-1895
Port Elizabeth: (041) 484-6413
East London: (043) 722-0671

www.allianceair.co.za

FAQ'S

1. What is Atmospheric Water Generator (AWG) ?

- Atmospheric water generator is a technology-based process used to condense water from air, and capture and filter moisture into drinkable water.

2. How does it work ?

- It collects water from humidity in the atmosphere. This air is chilled to the dew point and moisture is condensed onto patented micro-channel coated coils, and water channeled through advanced 4 layers filtering to provide a reliable source of clean drinking water. This technology enables significant amounts of water to be extracted from the air and purified efficiently at a relatively low cost per liter.

3. Under what environmental conditions is an AWG able to produce water ?

- Clean water is effectively and economically produced from the air with humidity as low as 35%, this technology demonstrates cost savings and healthy drinking water source. Optimal water generation depends on average temperature and relative humidity. Higher humidity and temperature conditions improve the cost effectiveness of producing clean water.

4. How pure is the water produced ?

- Water produced is 99.9% free of impurities, bacteria, viruses, air pollution and metal oxide contamination. A 4 layer filtration system maintains an optimal level of purification. Water is channeled through several types of filters depending on the model, including an activated carbon filter. The filtered water has LOW TDS.

(Total dissolved solids - inorganic & organic substances in the water)

The risk hierarchy for water sources used in private drinking water supplies



5. What are the advantages of the atmospheric water generator ?

- Products can run on 100% outside air
- Patented and exclusive micro-channel coating save energy
- RO / UF filtering technology to ensure a reliable supply of fresh, pure, clean drinking water.
- Easy to use, just turn it on and open the tap to dispense water
- Easy to maintain. Just replace water and filters periodically per manufacturer's guidelines and do some occasional cleaning
- Employs a high standard of 99.9% purification of water from bacteria and viruses, air pollution and metal oxides

6. What kind of energy is used and how much is required ?

- The AWG uses electricity only as primary source of energy. The P50 model use 800 watts to dispense water.

7. What does it take to operate and maintain the AWG ?

- The AWG is designed to operate continuously and only requires modest periodic maintenance consisting of filter changes and general cleaning. Air filters should be replaced after one year generally, but it still depends on local atmospheric conditions. Water filters should be replaced after one year depending on water quality.

8. What kind of warranties and servicing will be available for the air water generator ?

- Replacement of defective parts for up to one year (excludes regular maintenance items such as bulbs and filters)
- Repair for any product purchased by end-user that, in Company's judgement, has a defect in material or workmanship, provided the product is returned.

Certifications :

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