Make Water out of Air!
About Us

AirOWater is the world’s #1 air to water generator made using green technology that harvests water from the humidity in the air. It is a one-of-a-kind, reliable and adaptable technology which creates water from air, giving you fresh, bacteria-free, pure drinking water. Moreover, this water is completely untouched by contaminants such as pesticides and heavy metals present in the ground or the water that is supplied via age-old pipelines.
About the AirOWater Technology

The AirOWater system features an advanced water generation technology that conforms to all the international water safety standards, providing you with the purest and safest form of drinking water. The machine’s optimum performance ideally requires a minimum humidity level of approximately 40% & above.

This humidity and temperature driven machine creates water from air using a patented process. AirOWater owns patent rights for the manufacturing of Atmospheric Water Generators using the Air2Water Patent. AirOWater holds three Indian and six US registered patent rights, used in generating water from air and for its purification. The patents held by Worldwide Water LLC which have been granted to Worldwide Water Inc. are owned by Air2Water LLC. This Air-O-Water technology now has a global presence and is widely used for generating water from air.
Dewpoint Smart, Smart+ & Prime

Ideal for households and small offices

Dew Point Smart, Dew Point Smart+ and Dew Point Prime are the smaller units, designed to ensure portability. These units can make up to 25 litres of pure drinking water per day. They feature a superior filter system that ensures that the dispensed water is filtered through a 5/6-stage filter, comprising of pre-carbon filter, sediment filter, UF, TCR, Mineral filter and Ozonation, which removes all unwanted particles, viruses and bacteria and delivers pure and healthy drinking water. Dewpoint Smart+ comes with an extra option of Hot Water. Additionally Dewpoint Smart and Dewpoint Smart+ also works as a dehumidifier and air filter whereas Dewpoint Prime is a split unit designed to save space.

Specifications

- **Main Features**
  - **Water Making Capacity**
    - Smart: 25 Litres
    - Smart+: 25 Litres
    - Prime: 25 Litres
  - **Storage Capacity**
    - Smart: 17 Litres (Stainless Steel)
    - Smart+: 19 Litres (Stainless Steel)
    - Prime: 20 Litres (Stainless Steel)
  - **Power Input**
    - Smart: 230VAC/50Hz
    - Smart+: 230VAC/50Hz
    - Prime: 230VAC/50Hz
  - **Refrigerant Gas**
    - Smart: R-134A
    - Smart+: R-134A
    - Prime: R-134A
  - **Hot & Cold**
    - Smart: No
    - Smart+: Yes
    - Prime: No

- **Methods of Purification**
  - **Number of Purification Stages**
    - Smart: 6
    - Smart+: 6
    - Prime: 5
  - **Ozone Generator**
    - Smart: Yes
    - Smart+: Yes
    - Prime: Yes

- **Exterior Features**
  - **Body Material**
    - Smart: GI
    - Smart+: GI
    - Prime: GI
  - **Power Consumption**
    - Smart: 500 watts
    - Smart+: 500 watts
    - Prime: 500 watts

- **Dimensions** (H x W x D)
  - **Indoor Unit (mm)**
    - Smart: 990 x 350 x 500
    - Smart+: 990 x 350 x 500
    - Prime: 410 x 220 x 100
  - **Outdoor Unit (mm)**
    - Smart: -
    - Smart+: -
    - Prime: 700 x 800 x 440
  - **Weight (kg)**
    - Smart: 55 kg
    - Smart+: 55 kg
    - Prime: 75 kg
  - **External Water Source**
    - Smart: Yes
    - Smart+: Yes
    - Prime: Yes

*In 24 hours at 70% Relative Humidity
Dewpoint Super & Dewpoint Hyper

Medium-scale water generators. Generates up to 100L & 250L water per day

Dewpoint Super and Dewpoint Hyper are environmentally-safe, mass water generating solution that are designed mainly to serve commercial and industrial applications. These machine are ideally suitable for premises with 50 to 150 people. With 5 stages of purification, They can be connected to multiple dispensers for water supply at multiple points in a premise. This Units are the ideal solution to help supply water to a humanitarian/disaster relief drive, or to people/armed forces in remote areas or inhospitable terrains.

Specifications

- **Main Features**
  - Water Making Capacity*: 100 Litres
  - Storage Capacity: 75 Litres (Stainless Steel)
  - Power Input: 230VAC/50Hz
  - Refrigerant Gas: R-410A

- **Super**
  - Hyper
  - Water Making Capacity: 250 Litres
  - Storage Capacity: 225 Litres (Stainless Steel)
  - Power Input: 415VAC/50Hz, 3PH
  - Refrigerant Gas: R-410A

- **Methods of Purification**
  - Number of Purification Stages: 5
  - Ozone Generator: Yes

- **Exterior Features**
  - Body Material: GI & SS
  - Power Consumption: 2 KW

- **Dimensions (H x W x D)**
  - Indoor Unit (mm): 410 x 250 x 120
  - Outdoor Unit (mm): 1260 x 930 x 660
  - Weight (kg): 160 kg

- **External water Source**
  - Yes

*In 24 hours at 70% Relative Humidity
Dewpoint Mega & Dewpoint Ultra

Mass scale water generating solution

Dewpoint Mega and Dewpoint Ultra generates up to 500L and 1000L of pure drinking water per day using a state-of-the-art Water Generating and Purification technology. These units use Eco-friendly R-410A Gas and 4 steps filtration process with Ozonation to ensure the water produced is 100% pure, odourless and oxygen-rich. Ideal for commercial and Industrial applications, They can be easily installed at commercial and residential buildings, school, colleges, Factories etc.

Specifications

- **Main Features**
  - Water Making Capacity*: 500 Litres / 1000 Litres
  - Storage Capacity: 270 Litres (Stainless Steel) / 500 Litres (Stainless Steel)
  - Power Input: 415VAC/50Hz
  - Refrigerant Gas: R-410A

- **Methods of Purification**
  - Number of Purification Stages: 4 / 4
  - Ozone Generator: Yes / Yes

- **Exterior Features**
  - Body Material: GI & SS / GI & SS
  - Power Consumption: 7 KW / 13 KW

- **Dimensions (H x W x D)**
  - Indoor Unit (mm): 410 x 220 x 100 / 410 x 220 x 100
  - Outdoor Unit (mm): 2155 x 1230 x 1245 / 2238 x 2357 x 1209
  - Weight (kg): 500 kg / 700 kg
  - External water Source: Yes / Yes

*In 24 hours at 70% Relative Humidity
Once the air is filtered through a patented air filtering process, a condensation unit receives the humid airflow from the evaporator. The condensation unit then converts the water vapour into water. This process is known as Atmospheric Condensation. Once the water is generated through this process, it is then purified via a 5-step filtration process.
The 4-Step Filtration Process

This specially formulated filtration process ensures that the water you drink is as pure as possible, untouched by pollution and safe to consume.

1. Air Filter
   - Anti-Static Air Filter
   - Micro Dust Form Filtration
   - Tasks Performed
     - Removes anti-scalene from air
     - Removes dust particles from air

2. Water Dust Filter
   - Collection Tank Filter
   - Tank Input Filter
   - Tasks Performed
     - Removes external particles

3. Water Filter
   - Pre-Carbon Filter
   - Sediment Filter
   - UF Membrane
   - TCR
   - Tasks Performed
     - Removes colour, odour and all physical water impurities upto 5 microns
     - Removes all dissolved salts or organic molecules (the solutes) upto 90 - 95%
     - Membrane pure size is 0.0001 micron
     - Specially made from coconut shell carbon. Removes chlorine taste, reduces odour and changes water taste

4. Ozone Generator
   - Ozone Filter
   - Tasks Performed
     - It is a very strong oxidant and also works as a powerful disinfectant which is over 3,000 times more powerful than chlorine and 3741 times more powerful as compared to UV. It disinfects, oxidizes, deodorizes and destroys all types of microorganisms instantly, leaving better tasting water.
Here's a comparison between AirOWater’s purification technology and other existing technologies.

<table>
<thead>
<tr>
<th>Water Contaminants</th>
<th>Protection from</th>
<th>AirOWater</th>
<th>By Boiling</th>
<th>By UF</th>
<th>By RO</th>
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<tr>
<td>Heavy Metal</td>
<td></td>
<td></td>
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<td>Sodium</td>
<td>Heart Disease</td>
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<td>YES</td>
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<td>Kidney Disease</td>
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<td>YES</td>
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<td>Dysentery</td>
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<td>Micro Biological</td>
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<td>NO</td>
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<td>Fever</td>
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<td>NO</td>
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<td>YES</td>
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<td>Viral Diseases</td>
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<td>NO</td>
<td>YES</td>
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<td>Poisoning</td>
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<td>Pesticides</td>
<td>Cancer, Asthma</td>
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<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>
Why AirOWater?

AirOWater Technology
Generated Water is

- Made from the air around you, hence contains no groundwater contamination or pesticides
- 100% pure and safe for consumption
- Healthy to drink with higher Oxygen levels

Features of the AirOWater Technology

- Makes water from air / doesn’t require water input source
- 4-step filtration system with continuous ozonation of water
- Works as a dehumidifier*
- Affordable, cost-effective solution that generates water from moisture in the environment with high-end purification
- Can be installed easily and quickly
- Environment-friendly and safe for consumption
- Stainless Steel water storage tank

* Only in Selected Models

Water Making Chart Of Dewpoint Super
Product Features

TCR Filter

The Total Contaminant Removal (TCR) carbon filter contains granular activated carbon and is placed in a position where there is sufficient contact time to ensure adsorption of any organic contaminant that might have escaped the filtration process.

Ozonation Technology

The AirOWater Technology features an ozone generator as opposed to the commonly used RO and UV filters. This works as a very strong oxidant and a powerful disinfectant which is over 3,000 times more powerful than chlorine and 3741 times more powerful than UV. It disinfects, oxidizes and deodorizes the water while destroying all types of microorganisms instantly, ensuring better tasting water.

Stainless Steel Water Tank

Stainless Steel is used for the water collection tank as it is resistant to corrosion, in comparison to other metals, thus ensuring durability and safety of its contents. It is highly stain-resistant, thus ensuring the longevity of the water tank and zero contamination of its contents.

- Inhibits growth of bacteria
- Maintains freshness of pure water
- No foul smell
- No algae
- No yellow stains

Air Filter
### Certifications

AirOWL Water is a brand promoted by Roxy Exports Limited in association with Worldwide Water LLC and Worldwide Water Inc. AirOWL Water owns patent rights for the manufacturing of Atmospheric Water Generators (AWG) using the Air2Water technology.

**Indian Patent Numbers**
- 192413
- 241216
- 199326

(3 Indian Patents valid from 2002)

**United States Patent Numbers**
- 6182453
- 6058718
- 5669221
- 5845504
- 7373787
- 7089763

(6 US Patents valid from 2002)

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**Test Report**

**Sample / Report No.:** 01/04/2020/033

**UIN Number:** TCB248220000124531F

**Name of Customer:** Roxy Exports Limited

**Address of Customer:** 3rd Floor, Titanic Building, Tar Center Complex, Chandivali Farm Road, Andheri (East), Mumbai 400079, Maharashtra, India

**Order/Reference:** As per telephonic discussion with Mr. Ajay Vishwakarma dated on 20/2/2020

**Sample of Water:**

**Sample Details as per the Instruction of Mr. Ajay Vishwakarma:**

- **Sample Name:** Air-O-Water Deepwell Ultra
- **Sample Date:** 21/02/2020
- **Sample Received On:** 21/02/2020
- **End of Analysis:** 24/02/2020
- **Sample Container:** Plastic (sterilized)
- **Sample Quantity:** 50ml ± 20ml
- **LIMS:** As per IS 10500:2012

**Parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>Limits</th>
<th>Units</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boron as B</td>
<td>&lt;0.01</td>
<td>Max. 0.1</td>
<td>mg/L</td>
<td>APHA 1125, 8th Edition: 2007</td>
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<td>Organic and Physical Parameters</td>
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<td></td>
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<td>Colour</td>
<td>1</td>
<td>Max. 5</td>
<td>Hazen</td>
<td>IS 3025 (Part 4): 1983, RA 2017</td>
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<td>Odour</td>
<td>Agreeable</td>
<td>Agreeable</td>
<td></td>
<td>IS 3025 (Part 5): 1983</td>
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<tr>
<td>pH Value</td>
<td>7.65</td>
<td>6.5 to 8.5</td>
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<td>IS 3025 (Part 11): 1983, RA 2017</td>
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<tr>
<td>Taste</td>
<td>Agreeable</td>
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<td>IS 3025 (Part 8): 1984, RA 2017</td>
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<tr>
<td>Turbidity</td>
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<td>Max. 1</td>
<td>NTU</td>
<td>IS 3025 (Part 10): 1985, RA 2017</td>
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<td>Total dissolved solids TDS</td>
<td>64</td>
<td>Max. 500</td>
<td>mg/L</td>
<td>IS 3025 (Part 16): 1984, RA 2017</td>
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<td>General Parameters Concerning Substances Undesirable in Excessive Amounts</td>
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<td></td>
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<tr>
<td>Aluminium as Al</td>
<td>&lt;0.01</td>
<td>Max. 0.05</td>
<td>mg/L</td>
<td>APHA 1125, 8th Edition: 2007</td>
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<tr>
<td>Total Hardness as CaCO₃</td>
<td>5</td>
<td>Max. 75</td>
<td>mg/L</td>
<td>IS 3025 (Part 34): 1988, RA 2019</td>
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<td>Ammonia as NH₃</td>
<td>&lt;0.1</td>
<td>Max. 0.3</td>
<td>mg/L</td>
<td>IS 3025 (Part 34): 1988, RA 2019</td>
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<td>Barium as Ba</td>
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<td>Max. 0.70</td>
<td>mg/L</td>
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<td>Calcium as Ca</td>
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<td>Max. 37</td>
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<td>Chlorides as Cl⁻</td>
<td>&lt;0.05</td>
<td>Max. 4.0</td>
<td>mg/L</td>
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<td>Chlorides as Cl</td>
<td>5</td>
<td>Max. 250</td>
<td>mg/L</td>
<td>IS 3025 (Part 32): 1988, RA 2019</td>
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<tr>
<td>Copper as Cu</td>
<td>&lt;0.01</td>
<td>Max. 0.05</td>
<td>mg/L</td>
<td>APHA 1125, 8th Edition: 2007</td>
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<tr>
<td>Fluoride as F</td>
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<td>Max. 1.0</td>
<td>mg/L</td>
<td>IS 3025 (Part 66): 2006, RA 2019</td>
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<td>Iron as Fe</td>
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<td>Max. 1.0</td>
<td>mg/L</td>
<td>APHA 1125, 8th Edition: 2007</td>
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<td>Magnesium as Mg</td>
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<td>Manganese as Mn</td>
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<td>Nitrate as NO₃</td>
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<td>mg/L</td>
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<td>Phosphate compounds as PO₄³⁻</td>
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<td>Sodium as Na</td>
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<td>Silver as Ag</td>
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<td>mg/L</td>
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<td>Total hardness as MgCO₃</td>
<td>21</td>
<td>Max. 200</td>
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<td>Zinc as Zn</td>
<td>&lt;0.01</td>
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<td>mg/L</td>
<td>APHA 3110 B, 3rd Edition: 2007</td>
</tr>
</tbody>
</table>

**Bacteriological Quality of Drinking Water**

- **Total coliform bacteria:** Absent
- **Escherichia coli:** Absent

**Note:** The sample analyzed for the above parameters is within the prescribed limits, for IS 10500:2012.

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Ms. Meha Borkar
Sr. Microbiologist
Lab Manager

This report can not be reproduced in parts. The results relate to sample tested.
World Water Crisis Overview

There’s nothing more essential to life on Earth than water. However, people all over the world are struggling to access the quantity and quality of water required for drinking, cooking, bathing, handwashing and growing food.

While there has been a lot of progress, there are still many gaps in the water supply chain. Globally, 844 million people lack access to clean water. Without clean, easily accessible water, families and communities are locked in poverty for generations.

Access to clean water changes everything; it’s a stepping-stone to development. When people gain access to clean water, they are better able to practice good hygiene and sanitation.

- India has only 4% of the world’s fresh water but 16% of the global population
- 163 Million Indians lack access to safe drinking water
- 21% of India’s diseases are linked to unsafe water
- 500 children under the age of five die from diarrhoea each day, in India

Why AirOWater?

Since the AirOWater technology creates water from air, it doesn’t require any ground water source, automatically reducing the burden on the water supply chain. In fact, the machine is capable of producing sufficient water in conditions of lower humidity as well as in air-conditioned environments. This also makes it an effective dehumidifier in areas with high humidity. AirOWater utilizes multiple filtration technologies to ensure the production of safe drinking water, thereby providing contaminant-free drinking water to all its users!

With AirOWater, you will not have to depend on Municipal or other sources of water for your drinking water needs; you will end up helping the environment instead. When it comes to the environment, every bit counts!
Natural Purity Delivered

The superior technology utilised in AirOWater has been tested and certified to ensure that every unit delivers the highest standard of purity.
Corporate Office
AirOWater Pvt. Ltd.
Hyde Park, 601, Saki Vihar Road,
Ganesh Nagar, Marol, Mumbai,
Maharashtra - 400072.

Factory Office
AirOWater Pvt. Ltd.
Arham Logiparc, Bldg. No. C3, Unit No. 11, 12 & 13,
Mumbai Nashik By Pass Road, Village Valshind,
Taluka - Bhiwandi, Thane - 421 302.