



Make
Water
out of air!



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About Us

Air-O-Water is the World's #1 air to water generator made using green technology that harvests water from the humidity in the air. Since groundwater depletion is a growing concern, we wanted to play our part towards enabling a greener tomorrow by creating a unique mechanism to help conserve water.

That is why, we created the Air-O-Water machine. It is one-of-a-kind, reliable and adaptable technology which creates water from the humidity in the air, giving you fresh, bacteria-free and 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 Air-O- Water Technology

The Air-O-Water 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. Air-O-Water owns patent rights for the manufacturing of Atmospheric Water Generators using the Air2Water Patent. Air-O-Water 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

Ideal for household and small office environments

The Air-O-Water Dewpoint is one of the smaller units, designed to ensure portability. This unit can make up to 25 litres of pure drinking water per day*. The Dewpoint features a superior filtering system that ensures that the dispensed water is filtered through a five-stage filter. This comprises of a pre-carbon filter, sediment filter, RO Membrane, TCR filter and ozonation, which removes all unwanted particles, viruses and bacteria, delivering pure and healthy drinking water. The Air-O-Water Dewpoint also works as a dehumidifier and air filter, making your home less hospitable to allergens such as dust mites, mold and mildew.



Specifications

• Main Features

Water Making Capacity*	25 litres
Storage Capacity	24 litres

• Methods of Purification

Number of Purification Stages	4
Storage Tank	Stainless Steel
Reverse Osmosis	Yes
Ozone Generator	Yes
Refrigerant	R-134A

• Exterior Features

Body Material	MS
Power Required	500 watts
Voltage	230 V, 50 Hz

• Dimensions (H x W x D)

Indoor Unit (mm)	780 x 530 x 485
Weight (kg)	51 kg
External Water Source	Yes

*In 24 hours at 70% Relative humidity

Dewpoint Prime

Designed to save space

The Air-O-Water Dewpoint Prime is a split unit designed to save space, making it ideal for homes, offices, retail outlets, etc. where space is a constraint. The Dewpoint Prime uses a five-step filtration process including ozonation, to produce pure drinking water. This machine's USP is its unique design. It is ideal for air-conditioned environments, as one part of the unit is installed outdoors, giving it access to ample fresh air to generate pure drinking water. The indoor unit dispenses water generated by the outdoor unit, thereby saving space and reducing noise.



Specifications

• Main Features

Water Making Capacity*	25 litres
Storage Capacity	24 litres

• Methods of Purification

Number of Purification Stages	5
Storage Tank	Stainless Steel
Reverse Osmosis	Yes
Ozone Generator	Yes
Refrigerant	R-134A

• Exterior Features

Body Material	MS
Power Required	500 watts
Voltage	230 V, 50 Hz

• Dimensions (H x W x D)

Indoor Unit (mm)	410 x 220 x 100
Outdoor Unit (mm)	660 x 800 x 440
Weight (kg)	75 kg
External Water Source	Yes

*In 24 hours at 70% Relative humidity

Dewpoint Super

Ideal for industrial and commercial use

The Dewpoint Super is an environmentally-safe, mass water-generating solution that is designed mainly to serve commercial and industrial applications. This machine is ideally suitable for premises with 50 to 75 people, for e.g. a small factory, a call centre, etc. The Dewpoint Super is an 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

• Methods of Purification

Number of Purification Stages	5
Storage Tank	Stainless Steel
Ultrafiltration (UF)	Yes
Ozone Generator	Yes
Refrigerant	R-410 A

• Exterior Features

Body Material	GI & SS
Power Required	2 KW
Voltage	230 V

• Dimensions (H x W x D)

Indoor Unit (mm)	410 x 250 x 120
Outdoor Unit (mm)	1200 x 900 x 610
Weight (kg)	160 kg
External Water Source	Yes

*In 24 hours at 70% Relative humidity

Dewpoint Hyper

Medium-scale water generator. Generates up to 250L water per day.

Designed to serve 100 to 125 people per day, Dewpoint Hyper is the ideal solution for big commercial offices and small scale industries.

With 5 stages of purification, Dewpoint Hyper can be connected to multiple dispensers for water supply at multiple points in a premise



Specifications

• Main Features

Water Making Capacity*	250 Litres
Storage Capacity	175 Litres

• Methods of Purification

Number of Purification Stages	5
Storage Tank	Stainless Steel
Ultrafiltration (UF)	Yes
Ozone Generator	Yes
Refrigerant	R-410 A

• Exterior Features

Body Material	GI & SS
Power Required	3 Kw
Voltage	415 V

• Dimensions (H x W x D)

Indoor Unit (mm)	410 x 100 x 220
Outdoor Unit (mm)	1980 x 1000 x 900
Weight (kg)	350 kg
External Water Source	Yes

*In 24 hours at 70% Relative humidity

Dewpoint Mega

Mass water generating solution

Dew Point Mega generates up to 500 liters of pure drinking water per day using a state-of-the-art Water Generating and Purification technology. Ideal for commercial and Industrial people place applications, it can be easily installed at commercial and residential buildings, public places, school, colleges, etc.



Specifications

• Main Features

Water Making Capacity*	500 Litres
Storage Capacity	300 Litres

• Methods of Purification

Number of Purification Stages	4
Storage Tank	Stainless Steel
Ultrafiltration (UF)	Yes
Ozone Generator	Yes
Refrigerant	R-410 A

Exterior Features

Body Material	GI & SS
Power Required	7 Kw
Voltage	415 V, 3Ph, 4W, 50hz

Dimensions (H x W x D)

Indoor Unit (mm)	410 x 100 x 220
Outdoor Unit (mm)	2050 x 1000 x 1200
Weight (kg)	500 kg
External Water Source	Yes

*In 24 hours at 70% Relative humidity

Dewpoint Ultra

Ideal for large scale commercial and industrial buildings.

Dew Point Ultra can generate up to 1000 liters of pure drinking water per day. It uses a state of the art AirOWater technology using Eco-friendly R-410A Gas and 4 steps filtration process to ensure the water produced is 100% pure, odorless and oxygen-rich.

Dew Point Mega is also an ideal solution to help supply water to a humanitarian/ disaster relief drive, remote and inhospitable terrains etc.



Specifications

• Main Features

Water Making Capacity*	1000 Litres
Storage Capacity	500 Litres

• Methods of Purification

Number of Purification Stages	4
Storage Tank	Stainless Steel
Ultrafiltration (UF)	Yes
Ozone Generator	Yes
Refrigerant	R-410 A

Exterior Features

Body Material	GI & SS
Power Required	13 Kw
Voltage	415V, 3Ph, 4W, 50hz

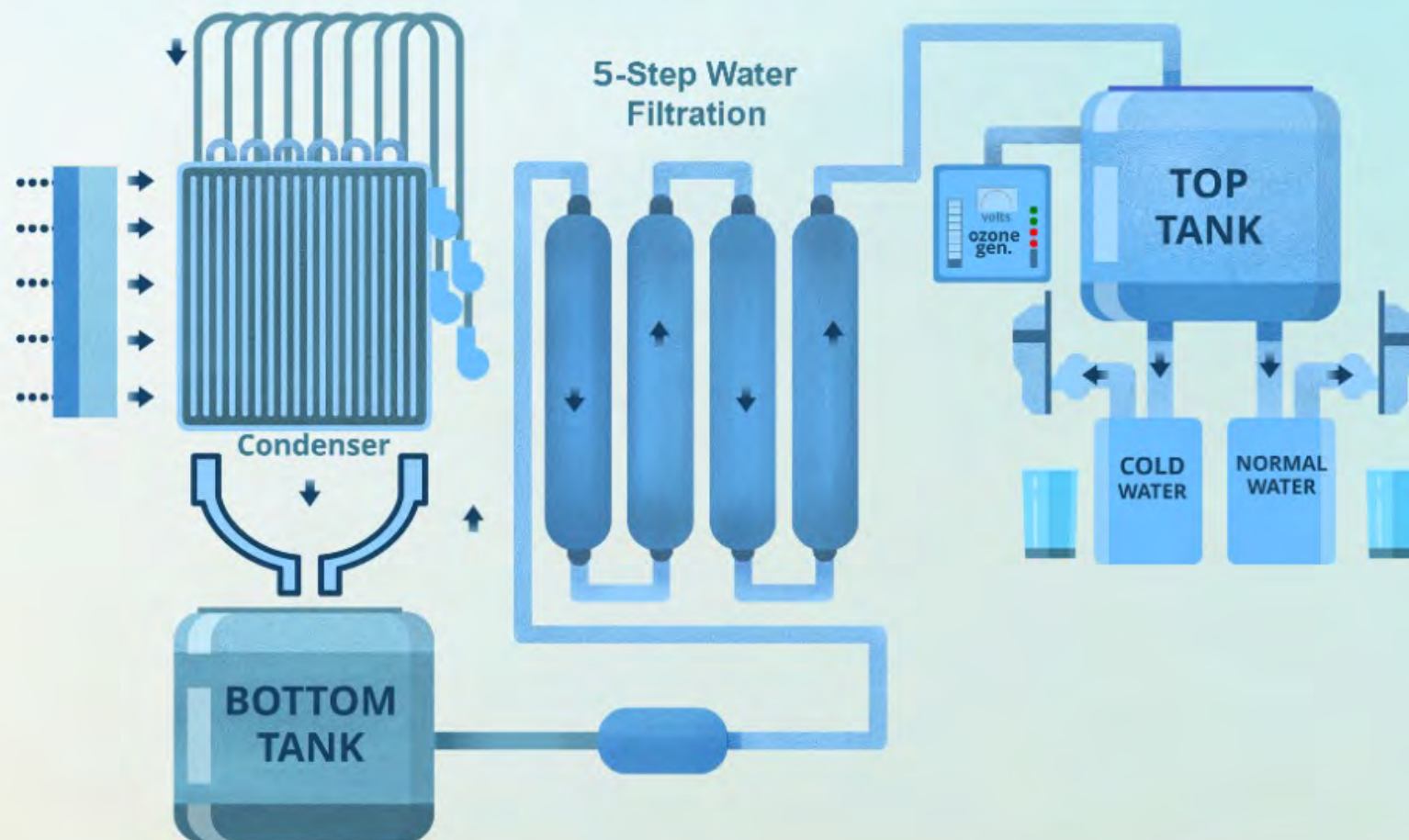
Dimensions (H x W x D)

Indoor Unit (mm)	410 x 100 x 220
Outdoor Unit (mm)	2000 x 1200 x 2150
Weight (kg)	700 kg
External Water Source	Yes

*In 24 hours at 70% Relative humidity

The Working Principle

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 the water you drink is as pure as possible!

This ensures that the water you drink is completely pure, untouched by pollution, and safe to consume.



Water Treatment Results Comparison

Here's a comparison chart showing how Air-O-Water's purification technology fares against other existing technologies

Water Contaminants	Protection from	Air-O-Water	By Boiling	By UF	By RO
Heavy Metal					
Sodium	Heart Disease	YES	NO	NO	YES
Calcium	Kidney Disease	YES	NO	NO	YES
Magnesium	Kidney stone	YES	NO	NO	YES
Lead	Nephralgia, Mental Retardation	YES	NO	NO	YES
Copper	Indigestion	YES	NO	NO	YES
Mercury	Neuralgia	YES	NO	NO	YES
Nitrate	Dysentery	YES	NO	NO	YES
Micro Biological					
Bacteria	Bacterial Infections	YES	YES	YES	NO
Pyrogen	Fever	YES	NO	NO	YES
Virus	Viral Diseases	YES	NO	NO	NO
Pesticides	Cancer, Astama	YES	NO	NO	NO
Flouride	Flourosis	YES	NO	NO	YES
Arsenic	Poisoning	YES	NO	NO	YES
Iron	Constipation, Dysentery	YES	NO	NO	YES

Why Air-O-Water?

Air-O-Water Technology Generated Water is



Made from the air around you, hence contains no groundwater contamination or pesticides

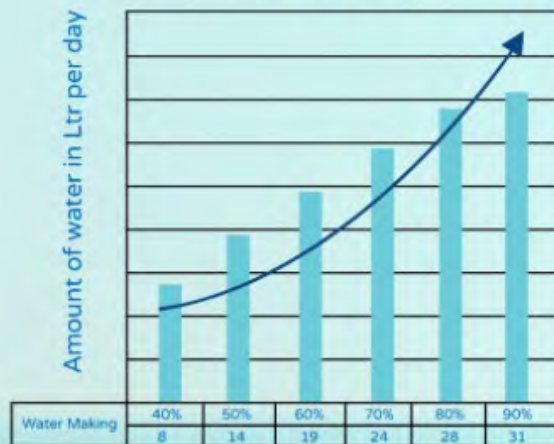


100% pure and safe for consumption



Healthy to drink with higher Oxygen levels

Humidity vs Amount in 24 hours
Temperature range 22°C - 32°C



Water Making Chart Of Dewpoint

Features of the Air-O-Water 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

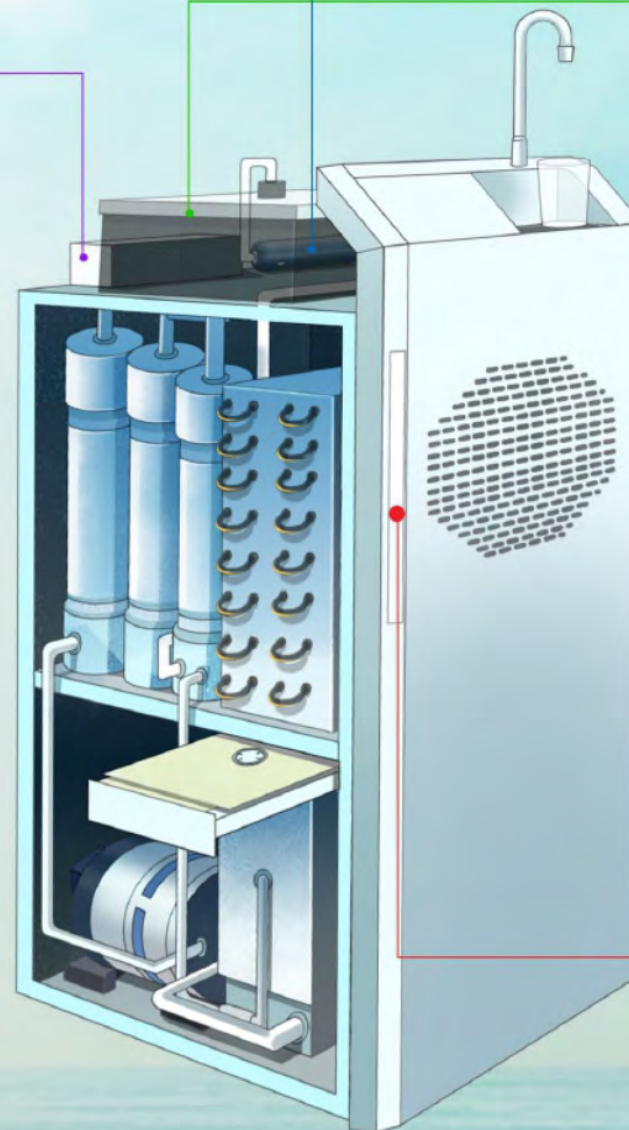
Product Features

TCR Filter

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

Ozonation Technology

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



Stainless Steel Water Tank

Stainless steel is used for 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 Stain

Air Filter

Certifications

Air-O-Water is a brand promoted by Roxy Exports Limited in association with Worldwide Water LLC and Worldwide Water Inc. Air-O-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)

EQUINOX TEST CERTIFICATE

Reference Number: EQNXMUMLAB/W/18/10/1847 ULR - TC682018000601P

PARTICULARS OF SAMPLE ANALYSED

Client Name: Satsons Trade & Industry Pvt. Ltd. Sampling Protocol: SOP-CHM-24-20 & 809- MCB-39-00

Address: 3rd Floor, Titanic Building, Tax Center, Off Sakinaka Road, Chandivali, Andheri (E), Mumbai - 400 072. Date of Sampling: 17-Oct-18

Contact Person: Mr. Ashutosh Mahra Date of Receipt: 18-Oct-18

Sample Description: Dispenser Air Water Date of Start of Analysis: 18-Oct-18

Sample Quantity & Condition: 3 Lit. water in a white H.D.P bottle and 250ml water in a sterilized plastic bottle. Both bottles are intact without any leaks. Date of End of Analysis: 23-Oct-18

Date of Report: 24-Oct-18

RESULTS OF ANALYSIS

Sr.No.	Chemical Parameters	Units	Methods	Results of Analysis	Desirable Limits (IS 10500:2012)
1	Total Alkalinity, as CaCO ₃	mg/l	IS 3025:Part 23:1988	10.5	Max 200
2	Chloride	mg/l	IS 3025:Part 23:1988	<1.0	Max 2000
3	Conductivity	Hazen units	IS 3025:Part 6:1982	<1.0	Max 5
4	Color	-	IS 3025:Part 6:1982	Agreeable	Agreeable
5	Taste	-	IS 3025:Part 6:1982	Agreeable	Agreeable
6	Fluoride	mg/l	IS 3025:Part 6:2008	<0.1	Max 1
7	Nitrate	mg/l	IS 3025:Part 34:1988	<0.1	Max 45
8	pH	-	IS 3025:Part 11:1982	7.88	5.0-8.5
9	Sulphate	mg/l	IS 3025:Part 24:1988	<1.0	Max 200
10	Total Dissolved Solids	mg/l	IS 3025:Part 16:1984	40.0	Max 500
11	Total Hardness	mg/l	IS 3025:Part 21:2009	3.0	Max 200
12	Turbidity	NTU	IS 3025:Part 10:1984	<1.0	Max 1
13	Residual Free Chlorine	mg/l	IS 3025:Part 28:1988	0.2	Min 0.2
14	Free Chlorine Compounds	mg/l	IS 3025:Part 43:1982	<0.001	Max 0.001
15	Mineral Oil	mg/l	IS 3025:Part 39:1988	<0.001	Max 0.01
16	Micro-Organism	mg/l	IS 10623:2009 Annex B	<0.05	Not Specified
Heavy Metals					
17	Aluminium (Al)	mg/l	EQNX/SOP/IM/03	0.02	Max 0.02
18	Argent (Ag)	mg/l	EQNX/SOP/IM/03	<0.001	Max 0.01
19	Boron (B)	mg/l	EQNX/SOP/IM/03	0.05	Max 0.5
20	Calcium (Ca)	mg/l	EQNX/SOP/IM/03	<0.001	Max 0.005
21	Cadmium (Cd)	mg/l	EQNX/SOP/IM/03	41.0	Max 75
22	Chromium (Cr)	mg/l	EQNX/SOP/IM/03	<0.01	Max 0.05
23	Copper (Cu)	mg/l	EQNX/SOP/IM/03	<0.01	Max 0.05
24	Iron (Fe)	mg/l	EQNX/SOP/IM/03	0.04	Max 0.3
25	Lead (Pb)	mg/l	EQNX/SOP/IM/03	<0.01	Max 0.01
26	Magnesium (Mg)	mg/l	EQNX/SOP/IM/03	<1.0	Max 10
27	Manganese (Mn)	mg/l	EQNX/SOP/IM/03	<0.01	Max 0.05
28	Mercury (Hg)	mg/l	EQNX/SOP/IM/03	<0.001	Max 0.001
29	Selenium (Se)	mg/l	EQNX/SOP/IM/03	<0.001	Max 0.001
30	Zinc (Zn)	mg/l	EQNX/SOP/IM/03	<0.01	Max 0.01

Certificate no TC-6820

Your Testing Partner

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Reference Number: EQNXMUMLAB/W/18/10/1847 Page 2 of 2

Pesticides

Sr.No.	Pesticides	Units	Methods	Results of Analysis	Desirable Limits (IS 10500:2012)
31	DDT	ug/l	EQNX/SOP/IM/03	<0.01	Max 1
32	Diazinon HCH	ug/l	EQNX/SOP/IM/03	<0.01	Max 2
33	Alpha HCH	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.01
34	Beta HCH	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.04
35	Delta HCH	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.04
36	Endosulphon	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.4
37	Monocrotophos	ug/l	EQNX/SOP/IM/03	<0.01	Max 1
38	Phos	ug/l	EQNX/SOP/IM/03	<0.01	Max 3
39	Chlorpyrifos	ug/l	EQNX/SOP/IM/03	<0.01	Max 30
40	Phorate	ug/l	EQNX/SOP/IM/03	<0.01	Max 2
41	2,4-Dichlorophenoxyacetic Acid	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.01
42	Butachlor	ug/l	EQNX/SOP/IM/03	<0.01	Max 125
43	Azinphos	ug/l	EQNX/SOP/IM/03	<0.01	Max 20
44	Imidacloprid	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.01
45	Acyprate	ug/l	EQNX/SOP/IM/03	<0.01	Max 2
46	Metmy Phosphor	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.3
47	Micronin	ug/l	EQNX/SOP/IM/03	<0.01	Max 100
48	Azin and Dethin	ug/l	EQNX/SOP/IM/03	<0.01	Max 0.03

Microbiological Parameters

Sr.No.	Microbiological Parameters	Units	Methods	Results of Analysis	Desirable Limits (IS 10500:2012)
1	Total Bacterial Count*	<= 1 ml	IS 10500:2012 Revised 2009	3.2 x 10 ⁴	Not specified
2	Coliforms*	in 100 ml	IS 10500:2012 Revised 2009	Absent	Absent
3	Escherichia coli*	in 100 ml	IS 10500:2012 Revised 2009	Absent	Absent

Note: The percolator treated with calcium T is not accredited by NABL.

Remark: All the parameters listed conform to the desirable limits. Hence, Sample is Suitable for Drinking based on the Test carried out.

Microbiology
(Authorized Signatory)
S. Padhe

Certificate No. TC-6820

Asst. Manager - Chemistry
(Authorized Signatory)
M. S. Pradhan

Note:

- * This report is valid for the tested sample only.
- ** This report shall not be re-used except in full with written approval of Equinox Labs Private Limited.
- † This report should not be used for advertisement or public display.

Certificate no TC-6820

Your Testing Partner

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World Water Crisis

Why You Need to Consider an Alternative Water Source?



- 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

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.

Why Air-O-Water?

Since the Air-O-Water 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. Air-O-Water utilizes multiple filtration technologies to ensure the production of safe drinking water, thereby providing contaminant-free drinking water to all its users!

With Air-O-Water, 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 at Air O Water has been patented and certified to ensure that every unit delivers the highest standard of purity.



Corporate Office

Air-O-Water

3rd Floor, Titanic Building, Tex Centre Complex,
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Mumbai - 400 072, Maharashtra
Tel: 1800-270-5050

Factory Office

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Mumbai Nashik By Pass Road, Village Valshind,
Taluka - Bhiwandi, Thane - 421 302.

Head Office

Roxy Exports Limited,

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Industrial Estate, Safed Pool, Opp Telephone
Exchange, Sakinaka, Andheri (East),
Mumbai - 400 072. Tel: (022)-66989999

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