



Make  
Water  
out of Air!



# 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<sup>+</sup> & Prime

Ideal for households and small offices

Dew Point Smart, Dew Point Smart<sup>+</sup> 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<sup>+</sup> comes with an extra option of Hot Water. Additionally Dewpoint Smart and Dewpoint Smart<sup>+</sup> also works as a dehumidifier and air filter whereas Dewpoint Prime is a split unit designed to save space.



Dewpoint Smart



Dewpoint Smart<sup>+</sup>



Dewpoint Prime

## Specifications

• Main Features	Smart	Smart <sup>+</sup>	Prime
Water Making Capacity*	25 Litres	25 Litres	25 Litres
Storage Capacity	17 Litres (Stainless Steel)	19 Litres (Stainless Steel)	20 Litres (Stainless Steel)
Power Input	230VAC/50Hz	230VAC/50Hz	230VAC/50Hz
Refrigerant Gas	R-134A	R-134A	R-134A
Hot & Cold	No	Yes	No
• Methods of Purification			
Number of Purification Stages	6	6	5
Ozone Generator	Yes	Yes	Yes
• Exterior Features			
Body Material	GI	GI	GI
Power Consumption	500 watts	500 watts	500 watts
• Dimensions (H x W x D)			
Indoor Unit (mm)	990 x 350 x 500	990 x 350 x 500	410 x 220 x 100
Outdoor Unit (mm)	-	-	700 x 800 x 440
Weight (kg)	55 kg	55 kg	75 kg
External Water Source	Yes	Yes	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.



**Dewpoint Super**

## Specifications

• Main Features	Super	Hyper
Water Making Capacity*	100 Litres	250 Litres
Storage Capacity	75 Litres (Stainless Steel)	225 Litres (Stainless Steel)
Power Input	230VAC/50Hz	415VAC/50Hz, 3PH
Refrigerant Gas	R-410A	R-410A
• Methods of Purification		
Number of Purification Stages	5	5
Ozone Generator	Yes	Yes
• Exterior Features		
Body Material	GI & SS	GI & SS
Power Consumption	2 KW	3.3 KW
• Dimensions (H x W X D)		
Indoor Unit (mm)	410 x 250 x 120	410 x 220 x 100
Outdoor Unit (mm)	1260 x 930 x 660	1870 x 1128 x 1125
Weight (kg)	160 kg	350 kg
External water Source	Yes	Yes

\*In 24 hours at 70% Relative Humidity



**Dewpoint Hyper**

# 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.



Dewpoint Mega

## Specifications

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

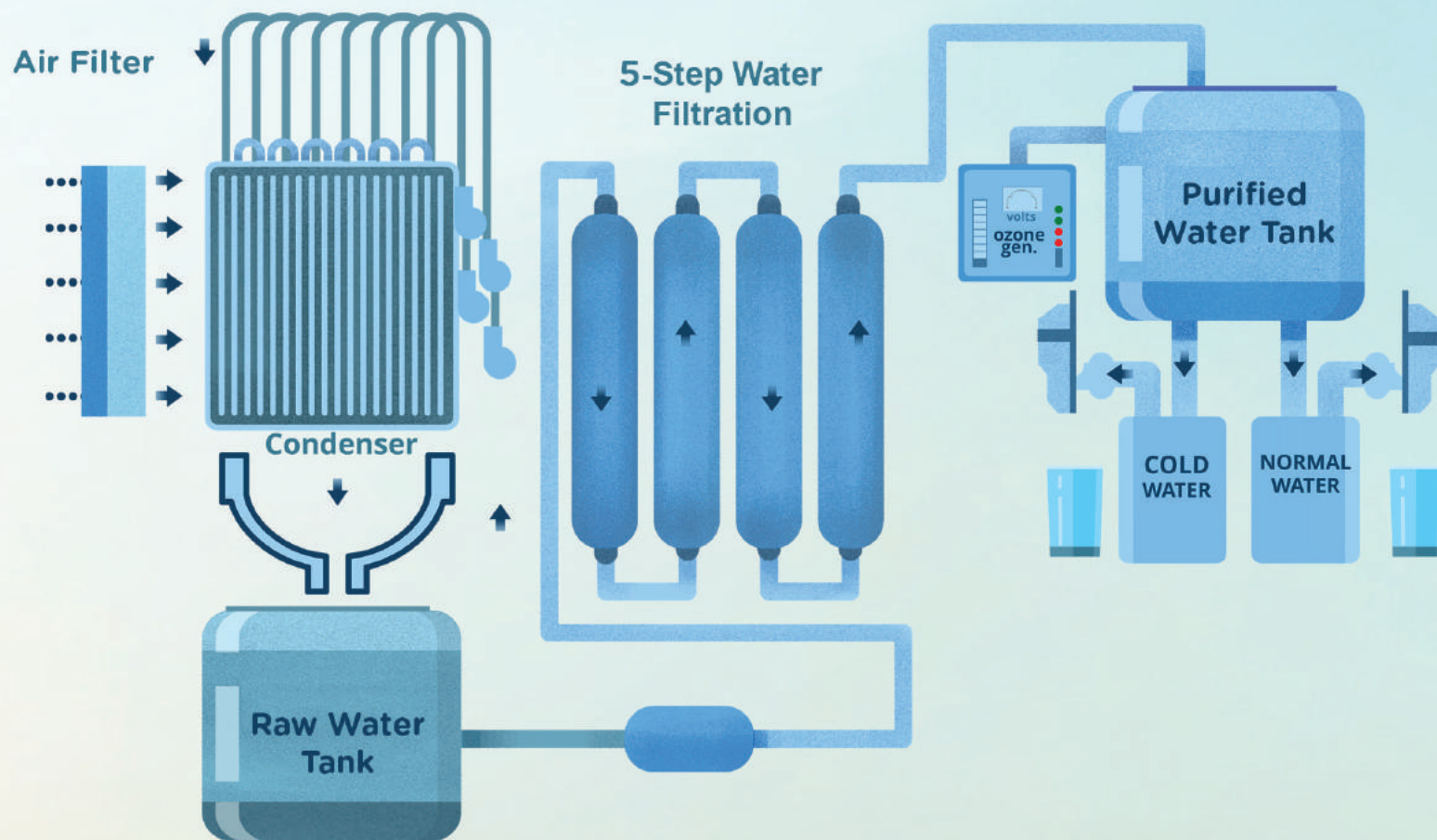


Dewpoint Ultra



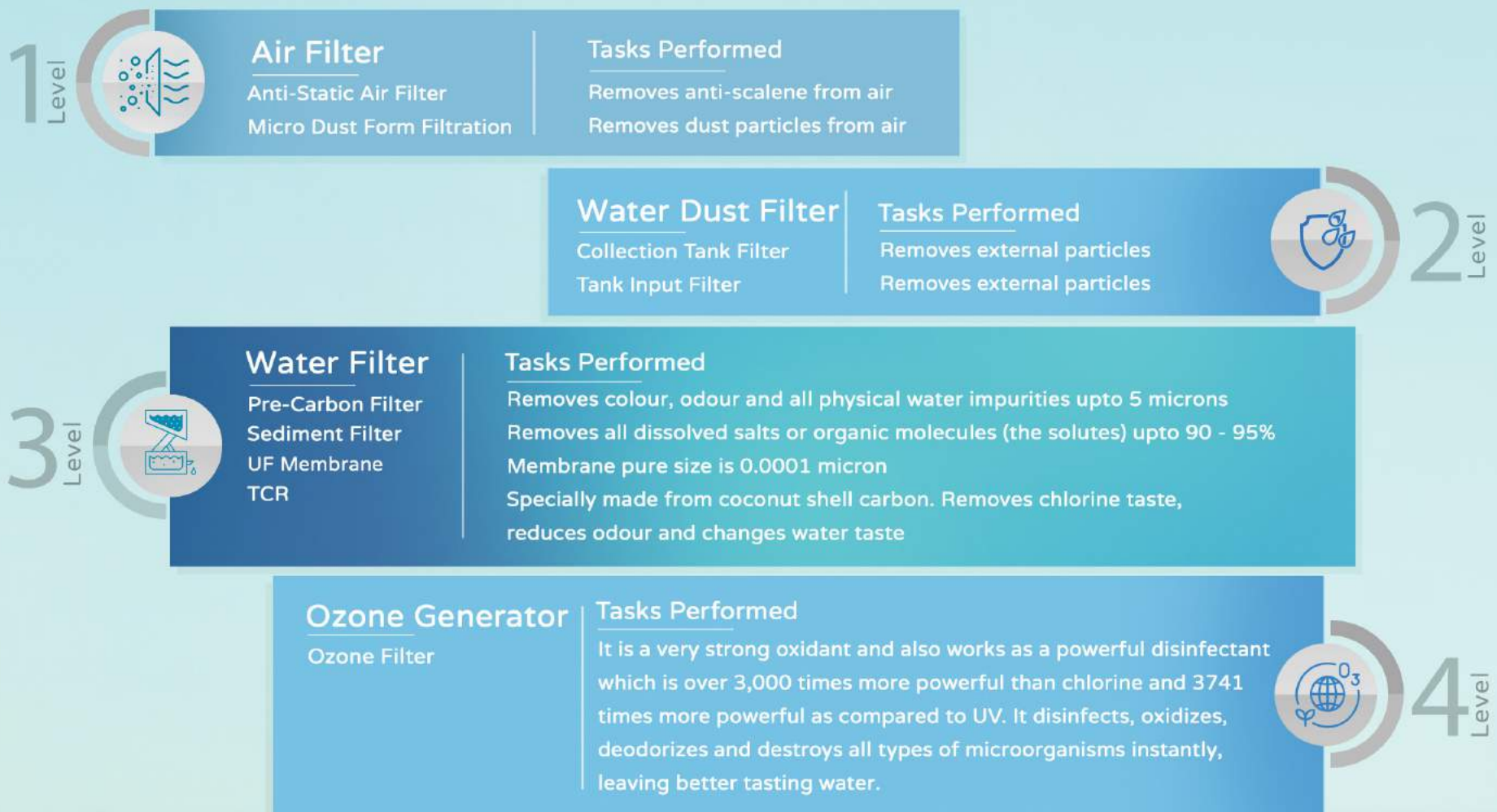
# The Working Principle

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 that the water you drink is as pure as possible, untouched by pollution and safe to consume.





# Water Treatment Results Comparison

Here’s a comparison between AirOWater’s purification technology and other existing technologies.

Water Contaminants	Protection from	AirOWater	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
Fluoride	Fluorosis	YES	NO	NO	YES
Arsenic	Poisoning	YES	NO	NO	YES
Iron	Constipation, Dysentery	YES	NO	NO	YES
Pesticides	Cancer, Asthma	YES	NO	NO	NO

# Why AirOWater?

## AirOWater Technology Generated Water is



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

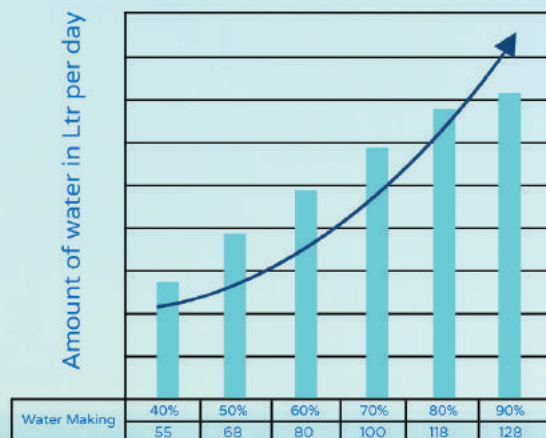


100% pure and safe for consumption



Healthy to drink with higher Oxygen levels

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



Water Making Chart Of Dewpoint Super

## 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



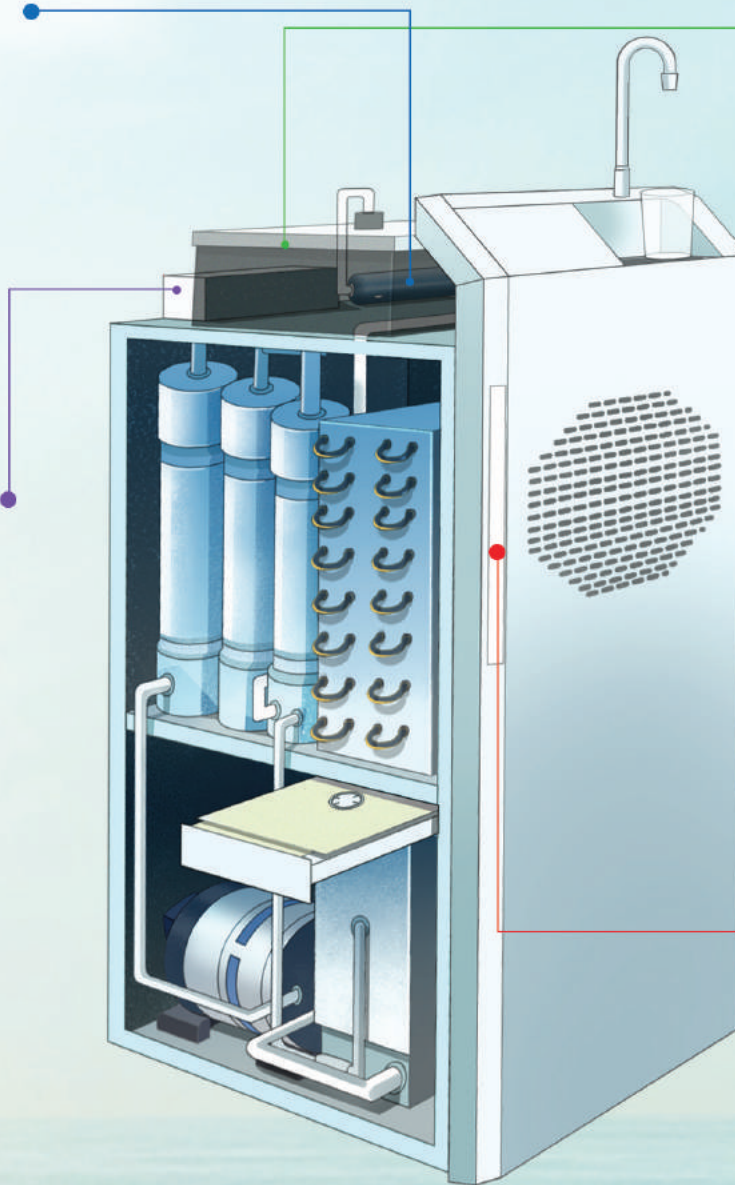
# Product Features

## 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

AirOWater is a brand promoted by Roxy Exports Limited in association with Worldwide Water LLC and Worldwide Water Inc. AirOWater 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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Analysis and Beyond...

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### TEST REPORT

24/02/2020

TEST REPORT

24/02/2020

Sample / Report No.	01/TH/IS/2/20/0583			
ULR Number	TC82842000010656F			
Name of Customer	Roxy Exports Limited			
Address of Customer	3rd floor, Titanic Building, Tax Center Complex,Chandivali Farm Road,Andheri-East Mumbai 400072 Maharashtra India			
Order / Reference	As per telephonic discussion with Mr. Ajay Vishwakarma Dated on 20/2/2020			
Nature of Sample	Water			
Sample declaration as provided by customer :				
Sample Name	Air-O-Water Dewpoint Ultra			
Sample Drawn by	Envirocare on 21/02/2020	Sample Received On	21/02/2020	
Start of Analysis	21/02/2020	End of Analysis	24/02/2020	
Sample Container	Plastic (Sterilized)	Sample Quantity	5lit + 300ml	
Sampling Procedure	As Per IS 3025 Part 1 & IS 1622:1981 Reaff.2009			
Limits	As per IS 10500:2012 (Acceptable Limit)			
Sample Description	Sample Collected From:-Arham Logipark Building No.C3, Unit No.11,12,13, Mumbai Nasik By-Pass Road, Village Valshind, Taluka-Bhivandi, Dist-Thane-421302 Maharashtra			
Parameters	Results	Limits	Units	Method
Chemical parameter				
Boron as B	<0.01	Max. 0.5	mg/L	APHA 3125 B,23rd Edition: 2017
Organoleptic and Physical Parameters				
Colour	1	Max. 5	Hazen	IS 3025(Part 4):1983, RA 2017
Odour	Agreeable	Agreeable	--	IS 3025(Part 5):2018
pH value	7.65	6.5 to 8.5	--	IS 3025(Part 11):1983, RA 2017
Taste	Agreeable	Agreeable	--	IS 3025(Part 8):1984, RA 2017
Turbidity	0.36	Max. 1	NTU	IS 3025(Part 10):1984, RA 2017
Total dissolved solids TDS	64	Max. 500	mg/L	IS 3025 (Part 16):1984, RA 2017
Parameters	Results	Limits	Units	Method
General Parameters Concerning Substances Undesirable in Excessive Amounts				
Aluminium as Al	<0.01	Max. 0.03	mg/L	APHA 3125 B,23rd Edition: 2017
Total Ammonia- N	<0.5	Max. 0.50	mg/L	IS 3025(Part 34):1988, RA 2019
Anionic detergents as MBAS	<0.1	Max. 0.20	mg/L	Annex K of IS 13428:2005, RA 2009
Barium as Ba	<0.01	Max. 0.70	mg/L	APHA 3125 B,23rd Edition: 2017
Calcium as Ca	5	Max. 75	mg/L	IS 3025(Part 40):1991, RA 2019
Chloramines as Cl <sub>2</sub>	<0.05	Max. 4.0	mg/L	IS 3025(Part 26):1986, RA 2019
Chloride as Cl	5	Max. 250	mg/L	IS 3025(Part 32):1988, RA 2019
Copper as Cu	<0.01	Max. 0.05	mg/L	APHA 3125 B,23rd Edition: 2017
Fluoride as F	<0.1	Max. 1.0	mg/L	IS 3025(Part 60):2008, RA 2019
Iron as Fe	<0.01	Max. 1.0	mg/L	APHA 3125 B,23rd Edition: 2017



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Magnesium as Mg	2	Max. 30	mg/L	IS 3025(Part 46):1994, RA 2019
Manganese as Mn	<0.01	Max. 0.10	mg/L	APHA 3125 B,23rd Edition: 2017
Mineral oil	<0.01	Max. 0.50	mg/L	IS 3025(Part 39):1991, RA 2019
Nitrate as NO <sub>3</sub>	<0.1	Max. 45	mg/L	IS 3025(Part 34):1988, RA 2019
Phenolic compounds as C <sub>6</sub> H <sub>5</sub> OH	<0.0005	Max. 0.001	mg/L	IS 3025(Part 43):1992, RA 2019
Selenium as Se	<0.005	Max. 0.01	mg/L	APHA 3125 B,23rd Edition: 2017
Silver as Ag	<0.01	Max. 0.10	mg/L	APHA 3125 B,23rd Edition: 2017
Parameters	Results	Limits	Units	Method
Sulphate as SO <sub>4</sub>	<0.5	Max. 200	mg/L	IS 3025(Part 24):1986, RA 2019
Sulphide as H <sub>2</sub> S	<0.05	Max. 0.05	mg/L	IS 3025(Part 29):1986, RA 2019
Total alkalinity as calcium carbonate	28	Max. 200	mg/L	IS 3025(Part 23):1986, RA 2019
Total hardness as CaCO <sub>3</sub>	21	Max. 200	mg/L	IS 3025(Part 21):2009, RA 2019
Zinc as Zn	<0.01	Max. 5	mg/L	APHA 3125 B,23rd Edition: 2017
<b>Parameters Concerning Toxic Substances</b>				
Arsenic as As	<0.01	Max. 0.01	mg/L	APHA 3125 B,23rd Edition: 2017
Chromium as Cr	<0.01	Max. 0.05	mg/L	APHA 3125 B,23rd Edition: 2017
Cadmium as Cd	<0.002	Max. 0.003	mg/L	APHA 3125 B,23rd Edition: 2017
Cyanide as CN	<0.01	Max. 0.05	mg/L	IS 3025(Part 27):1986, RA 2019
Lead as Pb	<0.01	Max. 0.01	mg/L	APHA 3125 B,23rd Edition: 2017
Mercury as Hg	<0.001	Max. 0.001	mg/L	EPA 200.7
Molybdenum as Mo	<0.01	Max. 0.07	mg/L	APHA 3125 B,23rd Edition: 2017
Nickel as Ni	<0.01	Max. 0.02	mg/L	APHA 3125 B,23rd Edition: 2017
<b>Bacteriological Quality of Drinking water</b>				
Total coliform bacteria	Absent	Absent	/100ml	IS 15185:2016
E. coli	Absent	Absent	/100ml	IS 15185:2016
Note: The sample analyzed for above parameters is within the prescribed limits for IS 10500:2012.				
Parameters	Results	Limits	Units	Method
<b>General Parameters Concerning Substances Undesirable in Excessive Amounts</b>				
Free Residual Chlorine	<0.05	Min. 0.20	mg/L	IS 3025(Part 26):1986, RA 2019
-----End of Test Report-----				
<i>Signature</i> <b>Ms Shalaka Gupta</b> Sr. Microbiologist		<i>Signature</i> <b>Ms. Megha Borkar</b> Lab Manager		

This report can not be reproduced in parts. The results relate to sample tested.



TC-8284



# 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 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.

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## Factory Office

### AirOWater Pvt. Ltd.

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



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