



AQUARIA

Straight From Nature, to You!

HAVE YOU EVER...

...thought about the quality of water you drink from your RO Filter at home? At restaurants? In your office?

- ✳ Water makes up 60% of our body, 70% of our brain, and 80% of our blood.
- ✳ Less than 1% of the world's fresh water is readily accessible for direct human use.
- ✳ For children under age five, water related diseases are the leading cause of death.
- ✳ The water crisis claims more lives through diseases than any war claims through guns.
- ✳ No intervention has greater overall impact upon national development and public health than the provision of safe drinking water.

Before it was forever impacted by man-made pollution, water was purer, contained health-giving minerals. And, of course, it had a naturally refreshing taste.

Conventional water purifiers/generation systems start with less than pure water and then try to remove impurities. Water purifiers also cause a lot of water wastage in the process of getting rid of the unpurified water.

Why is Drinking Pure Water Important?

Drinking highly pure water does a lot more than quench your thirst...it keeps your body in great working order.

Drinking Water Keeps You Young: Drinking plenty of water keeps your skin moisturized and reduces the appearance of fine lines and wrinkles.

Drinking Water Helps You Lose Weight: Water suppresses your appetite, so you don't eat as much. Drinking plenty of water also prevents fluid retention, making you look slim and trim.

Drinking Water Removes Toxins: If your body lacks water then your heart has to make an extra effort to pump fresh oxygenated blood to your organs, causing severe health issues.

Drinking Water Is Good for Your Joints: Your joints need moisture in order to remain strong and flexible, so that your movements are smooth and pain free.

WHAT IS pH LEVEL?

In scientific terms, pH (power of Hydrogen) is a numeric scale used to specify the acidity or basicity of a solution. Solutions with a pH less than 7 are acidic and solutions with a pH greater than 7 are basic. Pure water is neutral, being neither an acid nor a base.

ORP and its benefit for the body:

ORP simply means Oxidation Reduction Potential. The higher the ORP, the more oxidizing the substance is. The lower the ORP, the more anti – oxidizing the substance is.

Increasing a person's anti oxidant intake is essential for optimum health, especially in today's polluted environment. Boosting the antioxidant intake can help provide added protection for your body against various heart problems, eye problems, memory problems, mood disorders, immune system problems, etc...

From the above definitions, you can now understand that the best water to drink would be the one with pH around 7 and having anti oxidizing properties.

AQUARIA

Why?

Aquaria™ water generation system captures water vapour from the air and then, through a patented process, creates pristine, crisply refreshing rainwater. As a result, Aquaria water retains all the health giving properties of water that existed thousands of years ago. This makes Aquaria **Eco-friendly** in nature.

Minerals naturally found in Aquaria Water:

Magnesium – Mg⁺⁺

Potassium – K⁺

Calcium – Ca⁺⁺

Sodium – Na⁺

All these minerals are essential for supporting adequate functioning of muscles, blood vessels, maintaining bone structure, and the cardiac metabolism to name a few...

Water Type	pH	ORP	Calcium mg/L	Magnesium mg/L	Potassium mg/L	Sodium mg/L
Leading brand bottled water	6.23 - 6.45	+29 - +32	-	-	-	-
Leading unbranded RO water	6.52 - 6.73	+25 - +31	-	-	-	-
Unbranded RO water	5.21 - 5.91	+65 - +72	-	-	-	-
Aquaria Water	7.41 - 7.83	-70.1 - -76.5	2.1 - 2.6	1.2 - 1.8	0.40 - 0.52	0.5 - 0.9
Glacier Water from Himalayas	7.35 - 7.72	-25.2 - -27.4	1.5 - 2.2	0.46 - 0.51	0.70 - 0.79	1.0 - 1.12

Nitrate contamination in regular drinking water impairs the ability of the blood to carry oxygen throughout the body which can lead to a number of health risks including cancer, disruption of thyroid function, birth defects and miscarriages.

Nitrate in Aquaria water is ZERO. You should know, nitrate is not removed by standard water softeners or filters, including carbon absorption filters, UV, etc, and boiling water actually increases the concentration of nitrate.

Aquaria water is also free from many other possible poisons in drinking water like Atrazine, Aldrin, Dieldrin, DDT, Bromodichloromethane, Chloroform, etc all of which are powerful carcinogens (Cancer causing agents).

Aquaria water is the **Original Anti Oxidant** since it creates a negative ORP thus neutralizing the harmful free radicals in the body. That's not all. Its negative ORP can also slow the process of oxidation, one of the *main causes of aging*.

Aquaria water has a taste that has been described as the "**Scent of Rain**". Scientists believe that humans are particularly drawn to this slightly earthy taste because, to our earliest ancestors, who often faced severe shortages of drinkable water, the promise of rain meant life itself.

AQUARIA VS. WATER GENERATORS

Water generators create water by condensing and dehumidifying the air. This requires a large amount of expensive electricity. Because the Aquaria creates actual rain from the atmosphere, it is able to produce water for just ₹1.5 per litre.



The Aquaria water generation system produces upto 30 litres of pure, refreshing, health giving water per day, depending upon the moisture content in the air!

Technical Specification

Product Water Production	10~30 liters per day
Air Intake	400~600 m ³ /hr
Air Intake Device	Axial Turbo Air Circulator
Static Pressure	22 mm H ₂ O
Intake Filter	PM 10/ PM 2.5
Intake Disinfectant	Ultraviolet
Evaporator	Copper
Radiator	Aluminum
Seeding Precipitation	Hypersonic Precipitator
Harvesting Tray	Food Grade Polypropylene
Water tanks with sensors	Food Grade Polypropylene, 10.8 L (Primary), 2.8 L Dispenser
Control System	Fully Automatic Real Time On Board Computer
Size	147 x 44 x 36 cm (58 x 17 x 14 inches)

Drinking Water Treatment System

Booster Pump	DC Operated Drinking Water Grade
Filter No. 1 – Sediment Filter	Filters Large Particles; Replace every 6-12 months
Filter No. 2 – Ultra – Fine (UF) Membrane	Removes bacteria, viruses, fungi and other micro-organisms, organic, pesticide, and fertilizer residue. Replace every 18-24 months
Filter No. 3 – Multi Function (7 Stage)	Controls ORP, stabilizes pH, retains minerals, removes free radicals, removes bacteria, viruses, fungus, and other micro-organisms; replace every 18-24 months.
Ultra Violet (UV) Sterilizer	Bacteria and virus sterilization; replace every 24-36 months.
Faucets	Water at room temperature, hot (90 ⁰ C), chilled (8-11 ⁰ C)
Drinking Water Quality and Standards	Meets World Health Organization (WHO) IS 10500:2012 and other standards for drinking water.

Energy Requirements

Power Requirement	220V, 50 Hz, single phase, 5A
Power	Rain tunnel: Peak: 590 W; Average: 200 W
Energy for Product Water (Plain)	0.16 ~0.47 kWh/L

Operating Considerations

Mean Cycle Life	Axial Turbo Air Circulators, 15 years; Radiative Evaporator, 20 years; Booster Pump, 15 years
Total Life Expectancy	15 years (average)
Environmental Conditions	Temperature 20 ⁰ C to 40 ⁰ C: Saturation Water Vapor Pressure: 23.25 ~ 110.48 hPa Maximum Height Above the Sea Level: 5000 feet/ Maximum Wind Speed: 75 km /hr
Operating Sound Levels	≤ 56 dB at a distance of 3 ft (1 m) when RT is active

