

**TRUSTED. TESTED.  
TRANSFORMATIVE!**

Awarded by MOFPI, Govt. of India

**Why EcoOxo<sup>TM</sup>  
Outperforms Conventional Systems?**

Parameter	EcoOxo <sup>TM</sup>	Traditional Aerators	Chlorination / UV
Bubble Size	<200 nm	>1 mm	Not applicable
DO Increase	✓ High (up to 20 mg/L)	✗ Moderate	✗ None
Pathogen Removal	✓ (with ozone)	✗ X	✓
Chemical-Free	✓ Yes	✓ Yes	✗ (Chlorine-based)
Energy Efficiency	✓ High	✗ Low	Moderate
Off-Gas / By-Product Risk	✗ None	✗ Yes	✓ High
Water Clarity & Odor	✓ Clear, Fresh	✗ Algae Possible	Depends
IoT Automation	✓ Available	✗ Not supported	Optional
Footprint / Size	✓ Compact	✗ Large	Moderate



# RE- DEFINING WATER PURITY

India's First Smart Nanobubble System with Switchable Oxygen/Ozone Modes Powered by Korean Technology and IIT Validation



## MOBILE AUTOMATIC PLUG & PLAY

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# What is EcoOxo+™?

EcoOxo+™ is an advanced, IoT-enabled nanobubble generator that:

- ☑ Uses oxygen or ozone nanobubbles (<200 nm)
- ☑ Improves water quality via **Reactive Nano Bubble Fusion Technology**
- ☑ Treats pollutants, **boosts DO**, and **removes pathogens**
- ☑ Developed with **IIT Ropar** – Patent Published (India: 202411052929)

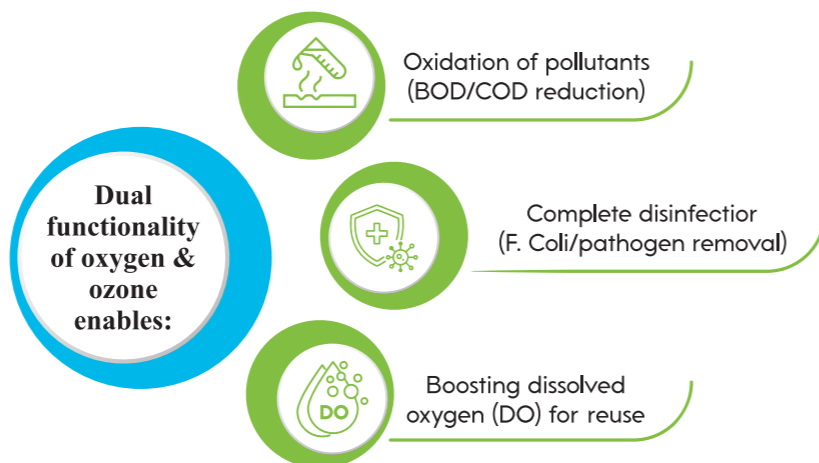


## VARIANTS

Variant	Key Composition	Automation	Ideal For
Pure	Oxygen	Manual	RAS, Shrimp Farming, Hydroponics, Drinking Water, Swimming Pools, High-end Agriculture, Water reuse
PureSense	Oxygen	IoT + Sensors	
Fusion	Oxygen + Ozone	Manual	Disinfection, Pond/Lake Rejuvenation, Hatcheries, Odor Control, ETP/STP/CETP, Swimming Pools, Heavy Metal Oxidation, Industrial Reuse, Food Processing
FusionSense	Oxygen + Ozone	IoT + Sensors	

The Pure & PureSense variants-powered by HEN Series (oxygen-enriched) while Fusion & FusionSense variants-utilize HQN Series (ozone-oxygen hybrid)

- ☑ IoT-enabled automation
- ☑ Compact & energy-efficient
- ☑ No off-gas with high oxidation
- ☑ Trusted by Government & Industry
- ☑ Customizable (1-100 m<sup>3</sup>/hr)



## Versatile Applications

EcoOxo+™ adapts to meet the unique challenges of various industries, from food processing and agriculture to municipal wastewater management. Here's how our technology drives sustainable practices in these sectors:



**AGRICULTURE**

Enhanced crop health with pathogen-free water.



**ETP/STP**

Advanced oxidation for efficient pollutant breakdown, meeting discharge norms



**SWIMMING POOLS**

Crystal-clear water, irritation-free for luxury pools



**POND REJUVENATION**

Restores natural beauty and balances ecosystem health by improving water quality



**FOOD PROCESSING**

Maintains high hygiene and water quality



**AQUACULTURE**

Promotes healthier fish with oxygenated water



**POULTRY FARMS**

Improves bird health by reducing harmful pathogens in drinking water and keeping water fresh



**CAR WASHING**

Efficient cleaning with reduced water usage ensuring a scratch-free shine