

Aqozone industries, Is a leading player from South India engaged in manufacturing of Ozone Generator, Ultra violet treatment and Sensors. The team of professionals work passionately towards the complete solution in water, waste water and process water disinfection. Having the state of art manufacturing facility in Peenya Industrial area covering 4000 square feet of working area.

The company mainly focuses on Eco friendly technologies in water disinfection mainly using

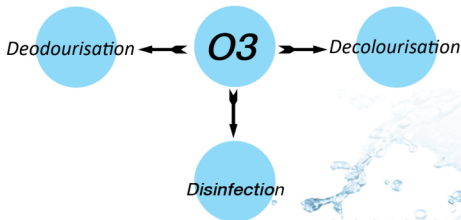
- * Ozonization
- * Ultra Violet

with **aqozone** (R) being its brand name.

Applications :

- ▶ Drinking Water Disinfection
- ▶ Livestock Drinking Water Disinfection
- ▶ Pharmaceutical / Hospital Water Disinfection
- ▶ Tertiary Sewage Water treatment - Disinfection
- ▶ RAS - Recirculatory Aqua Culture System
- ▶ Aqua Culture
- ▶ Agriculture, Hydroponics & Aquaponics
- ▶ Swimmingpool Water Disinfection
- ▶ Fish, Meat, Fruits & Vegetables Processing
- ▶ Alternative Medical Therapy

3D Effect of Ozone Usage



USES OF OZONE :

- ▶ Ozone is a natural oxidising agent
- ▶ It's a Bactericide, Virocide & Fungicide so this makes ozone very good chemical free agent in water treatment
- ▶ Ozone quickly converts back into oxygen
- ▶ This helps to increase the dissolved oxygen in water
- ▶ It sparkles/polish the drinking water
- ▶ Helps to increase the shelf life of the water
- ▶ Increases the taste of the water



AQOZONE INDUSTRIES

6/7, K.O. Halli, T.G. Palya, Main Road, Bangalore. Mob : 98456 75183 / 99164 02263 / 78921 20507

Email : info@aqozone.com. Web : www.aqozone.com



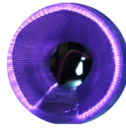
The new generation DeeBru Automatic Ozone system helps customer get 100 percent disinfected water stored in their storage tanks as we have adapted state of art sensors and solenoid valves which rejects the non disinfection water and sending them back to raw water storage tank and perfect disinfected water to the drinking water storage tank without any manual intervention. This comes with

SUSTAINABLE, ECONOMICAL and GREEN solutions..

ONLINE



Capacities : 10 to 5000 grams per hour



Ozone Cells

- ⊕ Corona Discharge Ceramic Tubular Electrode / flat plate ceramic electrode
- ⊕ Cell enclosure S.S 316L
- ⊕ Trouble free Operation
- ⊕ Water Cooled Systems
- ⊕ High Concentration
- ⊕ Long Life
- ⊕ High Efficiency

Ozone Drive

- ⊕ Microprocessor based IGBT drive
- ⊕ High Frequency PWM Inverter
- ⊕ Advanced Technology Smart Controlled Ozone Drive
- ⊕ Salt Free Protection
- ⊕ Special Design for Coastal area
- ⊕ Online Monitoring Systems (optional)
- ⊕ RS 485 Communication (optional)



Air Cooled Water Chiller Systems

- ⊕ Built-in integrated Chiller
- ⊕ Only Ozone Cells cooling purpose
- ⊕ Maintain 15°-20°C
- ⊕ EMERSON™ Compressor
- ⊕ Glycol based Cooling Systems
- ⊕ Efficiency
- ⊕ Copper Condensor Unit



Oxygen

- ⊕ Built-in integrated High Purity PSA Oxygen Concentrator
- ⊕ Oxygen Purity 93%
- ⊕ Compact Size
- ⊕ Trouble free operation
- ⊕ Low Noise

ORP / DO3 / DO2 Sensor & Monitor



- ⊕ PV Sensor
- ⊕ Used to control and monitor oxidation value,
- ⊕ Highly reliable & accurate



Solenoid Valve

- ⊕ Electrically operated through monitor
- ⊕ Forged SS316 / SS304 make



www.aqozone.com



PLC BASED MOVABLE ONLINE



Features of PLC Based Movable Online Ozonator

- ▶ Completely Automated
- ▶ User interface through HMI
- ▶ Movable type
- ▶ Integrated with sensor's like dissolved oxygen (DO)
- ▶ Oxidation Reduction Potential (ORP)
- ▶ Dissolved Ozone (DO3)
- ▶ Ambient Ozone Analyzer

Capacities : 10 to 100 grams per hour

USES IN WATER PLANT

- ▶ No requirement for the chemical disinfectant.
- ▶ Very safe and easy to use.
- ▶ No Consumables used.
- ▶ 100% disinfected water guaranteed.
- ▶ Dissolved oxygen is increased in the water hence taste of water increases.
- ▶ Reduction of biofilm formed in the pipe line & nipple after prolonged usage.
- ▶ Absolutely no water wastage, works at any pH & tds in water.

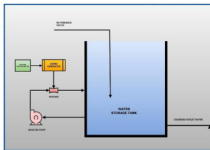
OFFLINE



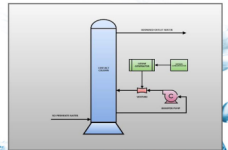
Features of Offline Ozonator

- ▶ Used where water consumption is less than 10,000 ltrs to 15,000 ltrs per day
- ▶ Works on water recirculation in the storage tank

Capacities : 10 to 60 grams per hour



SCHEME OFFLINE

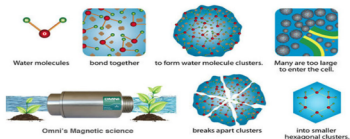


SCHEME ONLINE





वेदोलेन MUV series, Magnetic Ultra Violet series helps the customer with many benefits. Designed for the flow rates of maximum 5000 liters with high TDS like 2000 ppm, helps the customers to disinfect the water and also reduce the scaling formation. Comes with pipe line size of 3/4 inch, 1 inch, 1.5 inches.



Principle of Magnetic Conditioner

वेदोलेन HUV, Hybrid UV series is an unique development which uses both **Solar and Electricity** to power up the UV system, thereby giving the user a great working leverage in terms of power failure, erratic power supply. With the strong 2 hours battery back up the customer has a guaranteed quality water for his various uses.



SS UV Jacket

Quartz Jacket

UV bulb



Wire & Choke

Features

- ▶ Reduced strains formed on the UV Quartz Jacket even at TDS upto 1500 ppm
- ▶ UVC bulbs with intensity upto 125 mJ / cm² with wave length 254 nm & 184 nm
- ▶ Wattage from 10 to 300 watts used
- ▶ S5316 Jacket
- ▶ UV intensity meter with timer & on/off LED indication
- ▶ No Water wastage and no consumables used

Capacities of MUV series : 1000 to 5000 liters per hour
 Capacities of HUV series : 500 to 10000 liters per hour
 Capacities of UV series : 500 to 50000 liters per hour

SUSTAINABLE, ECONOMICAL and GREEN solutions.™

