



# Gaiazone

Modular Ozone Generator

Patented Technology



Aquaculture | Aquariums and Amusement Parks | Swimming Pools |  
Drinking Water | Waste Water | Industrial Process Water

A true winner for any application.

# Ozone

## Effective and Environmentally Friendly

Ozone water treatment is a water treatment method that reduces contaminants through the oxidative strength of ozone.

Ozone is one of the most powerful commercially available oxidants and is commonly used for municipal water and wastewater treatment.

In addition to its efficiency, ozone is an environmentally friendly method for treating water. Oxidation destroys the pollutants, odors, and microorganisms and in contradiction to the alternative, oxidation with chlorine, it does not create by-products or significant residues.

## Benefits of Ozone Water Treatment



### Effectiveness

Instant neutralisation of biological matter such as bacteria, viruses and parasites.

Eliminates metals from water.

Ozone is effective over a wide range of pH.



### Chemical Free

Ozone water treatment does not add chemicals to the water. No pollutants are created in the ozone water treatment process, and any wastewater produced is safe to enter waterways and drains.



### Tested and proved technology

Since the early 1900's ozone water treatment has been used to treat municipal water, and today, there are more than 2,000 ozone treatment installations worldwide.



### Speed

Ozone water treatment is incredibly fast. Most water treatment systems require extended contact time to eliminate or reduce contaminants, but ozone works in mere seconds.

# Gaiazone Modular Ozone Generator

Designed to be the first choice for any application

Gaiazone ozone generator is designed on the basis of patented technology which makes it stand out from the crowd for its efficiency, reliability, low energy consumption and outstanding life cycle cost. On top of that, Gaiazone ozone generator is user-friendly and easy to operate.

Modular - combine single cells to produce the desired amount of ozone.



- Ozone production up to 120 g O<sub>3</sub>/h
- Steadily high ozone concentrations ranging from 10 to 18% wt/wt
- Low energy consumption:  
When using purified oxygen feed gas, our cell produces 1.0 g of ozone consuming 8-12 W of power
- Operation gas pressure at 2.5 bar  
The cell has been tested at 7,5 bar without leakage.
- The cooling of the cell is achieved by liquid cooling (outlet cooling, below 10 °C).

# Let's stay in touch!

We are always here for you - to inspire, consult and help you so do not hesitate to get in touch with us if you have any questions or queries.

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