

Ozone (O3): What is it?

Ozone is a gas that is nature's most powerful chemical free oxidant. Ozone can be used in water and wastewater treatment for the disinfection and removal of organic and inorganic contaminants.



OZONE

Ozone is produced by an Ozone Generator, using only electricity to convert O₂ in air, in to O₃.



TREATMENT

A controlled dose of Ozone gas is introduced into the water or wastewater to be treated.



THE PROPER DOSAGE AND CONTACT TIME

Depending on the water treatment requirements, a level of Ozone gas (g/hour) and a calculated contact time is used.



EFFECTIVE TREATMENT

Once administered, Ozone can quickly disinfect water, remove colour and odour, decompose organic contaminants, and promote coagulation.



NO HARMFUL BY- PRODUCTS

Unreacted Ozone decomposes quickly and safely back to oxygen, leaving no chemical residues or harmful by-products behind.

The different APPLICATIONS of ozone Treatment by BIO-UV Group



Residential/public pools & spas



Irrigation



Aquariums
Aquaculture



Process water
Industrial waste water



Drinking Water
Waste water
REUSE



Food & Beverage

For further information, please visit our website at: www.triogen.com