

# Optimize Your Customers Iron Filtration System by Adding Safe, Dependable Ozone

**OZOTECH™**

Ozotech Enhanced Oxygen Generator (EOG) ozone technology is designed to work exclusively with Clack Corporation automatic water filter control valves. By adding our EOG component to an iron filtration system, your team will quickly see the positive impact of ozone including **cleaner tanks and valves, more effective filtration, increased customer satisfaction, and longer service cycles**. An ozone clean iron filtration system is a robust iron filtration system.

Proven in-market by water treatment professionals!



## APPROVED FOR USE WITH CLACK PRODUCTS

Collaborated with Clack engineering for use with valves with available relay. Does not affect the warranty of the Clack valve. Most major water treatment OEMs are using the EOG with Clack valves.



## EASY TO INSTALL MAINTAIN & SERVICE

In just three steps, the EOG is designed to mount directly onto the Clack® control valve and includes the patented stainless steel corona discharge cell.

**With no chemicals or pumps to maintain, EOG is a cost effective method that provides more robust iron filtration.**



## PROVEN TECHNOLOGY SOLD GLOBALLY

Featuring a patented process and thousands of systems operating in the field with proven results in markets across the United States. A CE certified model is available and is now being sold globally.



## NO HARMFUL CHEMICALS

Ozone has been proven to reduce bacteria faster than chlorine, virtually eliminating the need for traditional chemicals used to disinfect water. The EOG is safe for non-chlorinated water sources.



## EOG 200 Generator

- Ozone Output: 220 Mg/Hr
- Tank Size: 10", 12", & 13"
- SKU: 31506



## EOG 400 Generator

- Ozone Output: 440 Mg/Hr
- Tank Size: 14", 16", & 18"
- SKU: 31508

# How the EOG Works

As a fully integrated part of a water treatment system, the EOG reduces nuisance bacteria within the filter and enhances iron filtration without the use of chemicals.

Water entering the iron filtration tank passes through an ozone layer where impurities are oxidized, deodorized and enlarged so the filter can remove them and hold them until a backwash cycle is initiated. During the regeneration process, impurities are sent to drain and a fresh ozone layer is created.



## Typical Pre-Treatment Water Analysis:

Iron	<5 ppm
Manganese	<1 ppm
pH	>6.5
IRB'S	
Pink Algae	
Bio film	

### Service

Raw water enters the filter and first passes through the ozone dome where the Ferrous Iron is oxidized and made ready for filtration. Next, the oxidized water passes through the filter media to remove the oxidized (Ferric) iron, and related tastes and odors from the water.

### Backwash

The system cleaning begins with a backwash cycle that reverses the flow of water to lift the filter media and wash trapped iron particles to the drain.

### Ozone Induction

During the draw cycle, ozone is generated and drawn into the tank to re-establish the ozone dome.

The images, courtesy of Clack® Corporation, demonstrate how effective and efficient the EOG is at reducing iron-related bacteria from the stack within the water filter control valve. Photo comparison: after 12-18 months of service.



Without EOG

With EOG



**Important:** Always read labels, manuals, warnings, and directions prior to use.