

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

Ozotech 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 compact EOG is designed to mount directly onto the Clack® control valve. Includes the patented stainless steel CD cell and features an all-weather enclosure. **With no chemicals or pumps to maintain, EOG is a cost effective method that pro-**



## 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, the EOG is CE certified 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 the environment including use in municipal water and septic systems.



# How the EOG Works

The Enhanced Ozone Generator (EOG) is a water treatment system designed to oxidize, clean, and filter water while providing anti-microbial protection against nuisance bacteria and related odors. As a fully integrated part of this water treatment filter the EOG system produces cleaner, better tasting water without using or replacing chemicals.

Water entering the EOG system 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 backwash cycle the impurities are sent to drain and the ozone layer is replaced, ready to process another batch of crystal clean water.



## The typical water analysis would be:

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 particles and impurities making water fresh, clean and odorless.

### 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 this cleaning cycle ozone is generated and put into the tank to re-establish the ozone dome and to recharge the filter media.



Without EOG



With EOG

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