

# **OZOTECH EOG Enhanced Oxidation Generator Installation** Guide

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# **OZOTECH EOG Enhanced Oxidation Generator**



#### **Product Information**

The product mentioned in the user manual is OzotechEOG. It is a device that is used in conjunction with a control valve to program ozone start and end schedules.

## **Product Usage Instructions**

- 1. Disconnect power to the control valve.
- 2. Remove the front cover from the valve backplate.
- 3. Release the control board bracket from the backplate.
- 4. Replace the control valve front cover.
- 5. Plug the supplied wall transformer into a wall outlet.
- 6. Plug the male DC plug into the female DC jack located at the back of the OzotechEOG.
- 7. Program ozone start and end schedule using the control valve PCB:
  - Enter cycle programming mode.
  - · Set backwash to 14 minutes.
  - Set draw time to 40 minutes.
  - Turn off the fill.
  - Turn off the rinse.
  - · Set the relay to on.
  - Set the relay on time to 15 minutes (one minute longer than backwash).
  - Set the relay duration for 38 minutes (2 minutes less than the draw time).
  - Return to service.
  - Press the regeneration button to lock in timing.

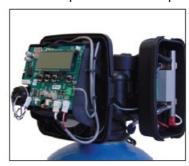
## **EOG Installation Pre-Field Install**

1. Mount the OzotechEOG to the Clack® control valve. A #2 Philips screwdriver will be required.



- Install clamp ring into OzotechEOG backplate receiver.
- Install port clip into OzotechEOG backplate receiver.
- Loosen the clamp screw, and slide the clamp over the valve injector cap.
- Rotate OzotechEOG counterclockwise to secure the port clip. Tighten the clamp screw.
- 2. Disconnect power to the control valve. Remove the front cover from the valve backplate. Release the control board bracket from the backplate.
- 3. Route the grey control wire from the OzotechEOG into the Clack® valve housing through the hole in the backplate, and through the strain relief channel above to keep the wiring in place.
  - Leave enough wire length to connect to the signal relay terminal block of the control circuit board. Make sure the wire is flush in the channel for proper bracket installation.

• Replace the control board bracket into the backplate until it "snaps" into place.



- 4. Secure red wire into RLY 1 terminal, and black wire into +COM the terminal on the Clack® control board.
- 5. Replace the control valve front cover.
- 6. Plug the supplied wall transformer into a wall outlet. Plug the male DC plug into the female DC jack located at the back of the OzotechEOG.
- 7. Program ozone start and end schedule using control valve PCB.
  - Enter cycle programming mode
  - · Set backwash to 14 minutes
  - Set draw time to 40 minutes
  - Turn off fill
  - · Turn off rinse
  - · Set relay to "on"
  - Set the relay on time to 15 minutes (one minute longer than backwash)
  - Set the relay duration for 38 minutes (2 minutes less than the draw time)
  - · Return to service
  - Press the regeneration button to lock in the timing

Ozotech, Inc. 1015 South Main Street, Yreka, CA 96097 Ph. 530.842.4189 ozotech.com

#### **Documents / Resources**



OZOTECH EOG Enhanced Oxidation Generator [pdf] Installation Guide EOG, EOG Enhanced Oxidation Generator, Enhanced Oxidation Generator, Oxidation Generator, Generator

## References

• Parising Applied Ozone Technologies - Ozotech, Inc.

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