






# 31515 EOG 200 One Plug Design Installation Instructions

Components Included in 31515 EOG 200 One Plug Kit	Components Sold Separately
Ozotech Part Numbers Listed	Clack® Order Numbers Listed
Control Valve Inlet Check Valve	 <p>WS1 or WS1.25 Control Valve with a Relay Driver</p>
 <p>47026</p>	
Brine Elbow Check Valve	<p><b>Air Blockers</b></p> <p>1.050"      1.320"</p>  <p>D1047      D1047-01</p>
 <p>47070</p>	
	 <p>K-Injector Light Green V3010-1K</p>

**NOTE:** Manufacturer recommends an Air Blocker on each control valve for maximum performance and longevity.

## Control Valve Preparation Instructions:

WS1 or WS1.25 Clack® control valves with Relay Driver output required.



1. Grease the control valve riser O-ring, Air Blocker riser O-ring and outside O-ring.

2. Attach Air Blocker to the bottom of the control valve. Insert and twist to lock.

3. Remove red clip and brine elbow from the control valve. Then remove Refill Retainer assembly.



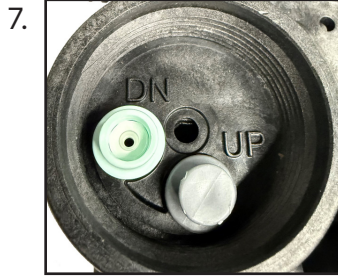
4. Place the black check valve into the brine elbow. Make sure the black check valve is in all the way.



5. Install the brine elbow back into control valve with the red clip.



Put the white inlet check valve into the inlet side of the control valve.



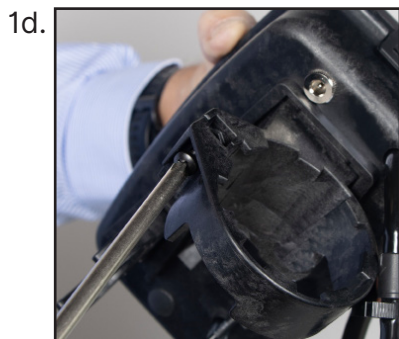
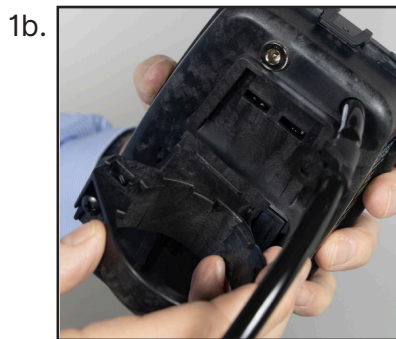
Replace injector with a Clack® K in the DN position.

**WARNING:** The control valve must be manufactured as a Downflow Brining

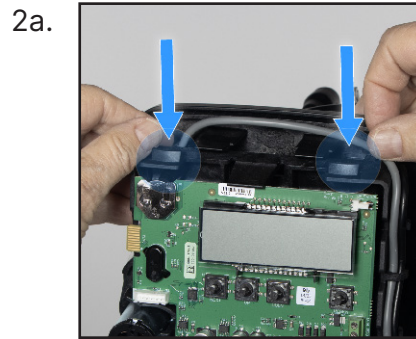
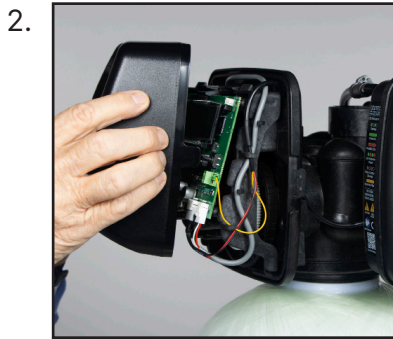
Components Included in the EOG 200 One Plug Kit					Tool Needed
EOG 200	Inlet Filter	Clamp Ring	Port Clip	Power Supply	#2 Phillips Screwdriver

### EOG 200 Kit Installation Instructions:

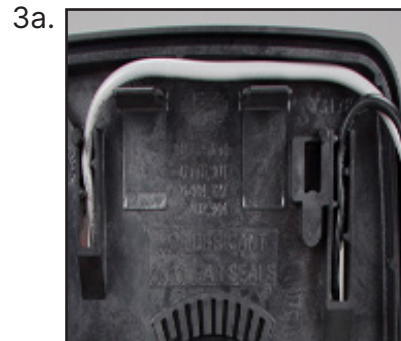
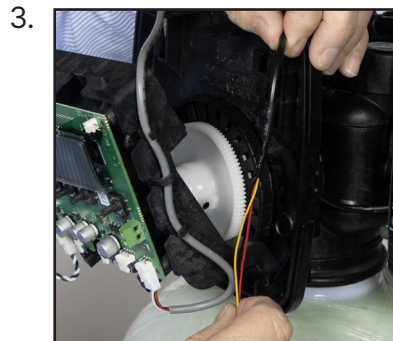
- 1a. Place inlet filter into the black inlet tube.
- 1b. Install clamp ring into the EOG 200 center/top of backplate receiver.
- 1c. Install port clip into the EOG 200 side/bottom of backplate receiver.
- 1d. Loosen clamp ring #2 Phillips screw, slide clamp over valve injector cap.
- 1e. Rotate the EOG 200 counterclockwise to secure port clip to valve body inlet.  
Tighten clamp ring Phillips screw.



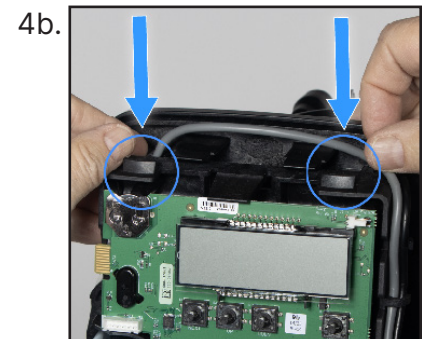
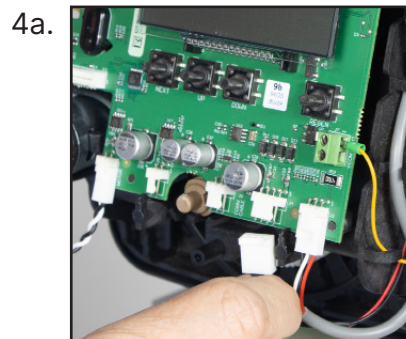
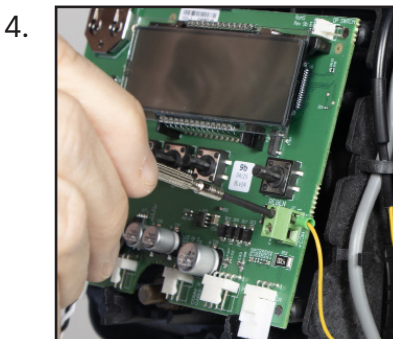
2. Unplug the power supply from the wall outlet. Remove the front cover from the valve backplate and the EOG unit. **2a.** Lift up on the two (2) locking tabs and tilt the drive bracket assembly forward. Remove original power supply from the circuit board and valve backplate if present.



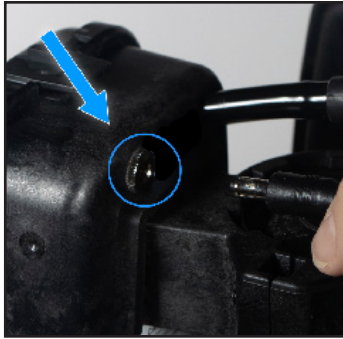
3. Route the black interconnect cable and pilot wire from the EOG through the backside of backplate slot and up through the strain relief channel to keep the wiring in place. **3a.** Leave enough wire length and connect the pilot wire to the relay driver terminal block on the circuit board. Make sure the wire is flush into the strain relief channel for proper drive bracket installation.



4. Secure pilot wire into RLY 1 (top) terminal. **4a.** Plug the EOG 4-pin Molex connector into the 4-pin "POWER" on the circuit board. **4b.** Push the drive bracket assembly back in place until it "clicks".



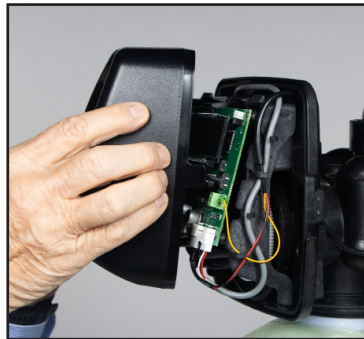
5. Plug the male DC connector from the included power supply into the female DC jack located at the back of the EOG 200. Then plug into a wall outlet.



6. Push and hold the red button on the EOG board until the LED light is solid green.



7. Replace covers on both the EOG 200 and the Clack® control valve.



8. Insert black tube from the EOG 200 into the 3/8" push to connect elbow on the control valve.

