

Oxidizer Filter

“Oxidizer” Control Valve

- ◆ Manufactured by Clack®
- ◆ Residential Applications
- ◆ Flow Rate up to 27 gpm
- ◆ Electronic controller
- ◆ Valve body constructed of Noryl plastic
- ◆ By-pass included
- ◆ 5-Year Limited Warranty



Material

- ◆ Media selected based upon water chemistry
- ◆ Custom blends of media for the removal of iron, manganese, odor, and pH correction
- ◆ High iron removal efficiency
- ◆ Durable material with long life
- ◆ Effective over wide temperature range
- ◆ No chemicals required for regeneration
- ◆ Periodic backwashing required
- ◆ *Media needs to be replaced periodically*

Method of Action

During the system’s regeneration process, the oxidizer valve creates an air pocket by drawing air in through an air injector in the brine port. When the untreated water enters the filter tank it passes through the air pocket, which oxidizes any iron, manganese, and hydrogen sulfide present in the water into solid particles. These particles are then in turn trapped in the filter media contained within the tank. Once the air pocket is depleted and the particles are filtered out, the regeneration cycle cleans and refreshes the media bed and replaces the oxygen pocket so the process can continue.

Tank

- ◆ Size: 10” x 54” (other sizes available)
- ◆ Capacity: 2.19 CF (varies with size)
 - ◆ Fiberglass tank with base
- ◆ Constructed of durable composite resin
 - ◆ Inner shell of polyethylene
 - ◆ Corrosion resistant
 - ◆ 2.5” Threaded Inlet
 - ◆ 10-Year Warranty

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