

Gold Series Acid Neutralizer



Control Valve

- ◆ Manufactured by Clack®
- ◆ Residential/Light Commercial Applications
- ◆ Flow Rates up to 27 gpm (15 psi drop)
- ◆ Max Backwash 27 gpm (25 psi drop)
- ◆ Electronic control valve with By-pass
- ◆ LCD Display with 12+ hours of internal power backup capacitor
- ◆ Valve body is Noryl plastic
- ◆ Operating pressures = 20 - 125 psi
- ◆ Operating Temperatures = 40° - 110° F
- ◆ Height from top of tank = 7 3/8"
- ◆ Electrical Supply: 120V/60 HZ
- ◆ 5-Year Limited Warranty

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
- ◆ Maximum Operating Pressure: 150 psi
- ◆ Maximum Operating Temperature: 120° F
- ◆ 10-Year Warranty



Material: Calcite/Corosex® Mixture

- ◆ Calcite is a crushed and screened white marble material that is primarily composed of (95%+) calcium carbonate. Magnesium carbonate contributes to a max. of 3%
- ◆ Corosex® is a specially-processed hard and bead-like magnesia predominately composed of (97%+) magnesium oxide
- ◆ Effective in neutralizing pH's of 6.0 - 6.9
- ◆ Does not require chemicals for regeneration
- ◆ Periodic backwashing required
- ◆ ***Needs to be added to tank or tank needs to be rebuilt every year***

Method of Action

The acidic water makes contact with the water and slowly dissolves the calcium carbonate to raise the pH, which reduces the potential leaching of copper, lead and other metals found in typical plumbing systems. As the calcium carbonate neutralizes the water, it will increase the hardness, and a water softener may become necessary after a neutralization tank. Corosex® acts by neutralizing the free carbon dioxide in the water and renders it to a non-corrosive condition.

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