

Gold Series Iron Filter



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 time clock 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: Iron Filter Media

- ◆ Manganese dioxide coated with volcanic aluminum silicate (pumicite)
- ◆ High iron removal efficiency
- ◆ Durable material with long life
- ◆ Effective over wide temperature range
- ◆ Does not require chemicals for regeneration
- ◆ Periodic backwashing required
- ◆ **Media needs to be replaced every one to four years**

Method of Action

- ◆ Acts as insoluble catalyst between oxygen and soluble iron
- Enhances the oxidation reaction of Fe^{2+} to Fe^{3+}
- Result is ferric hydroxide, which precipitates and is easily filtered

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