

Gold Series Particulate 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 w/by-pass
- ◆ LCD Display with 12+ hours of internal power backup capacitor
- ◆ Valve body is Noryl plastic
- ◆ Operating pressures = 20 - 25 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



Particulate Removal Media

- ◆ High purity, low sodium, natural zeolite mineral and/or Non-hydrous silicon dioxide media
- ◆ Efficiently removes suspended solids and fine turbidity particles
- ◆ Fractured edges and irregular surfaces provides a high surface area and compels flow path for efficient removal of suspended matter
- ◆ Superior filtration rating (5 to 40 microns)
- ◆ Lightweight—lower backwash rates and less pressure loss
- ◆ Periodic backwashing required
- ◆ Needs to be replaced every 1 to 4 years

Method of Action

The material has surface micro-mineral projections with .25 to 10 µm spacing that physically trap the suspended solids and fine turbidity particles. The filter granules also remove a wide range of colloidal and soluble, inorganic metallic contaminants by surface sorption, chemical-binding, charge-neutralization, coagulation reactions, and/or ion-exchange.

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