Fleck® 2510 Control Valves

High Performance

Features

- Fully adjustable, 5-cycle control delivers upflow backwash, downflow brining, slow rinse, rapid rinse, brine refill, and downflow service
- Time-tested, hydraulically-balanced piston, seal and spacer concept to pilot service flow and regeneration
- Non-corrosive, fiber-reinforced polymer construction
- Excellent flow rates (19 GPM continuous, 24 GPM peak)
- Backwash capacity handles tanks up to 16" in diameter for softener and filter applications
### Fleck® 2510 Control Valves

**Options**
- Corrosion-free bypass valve
- Mechanical or electronic timers
- Choice of 7- or 12-day clock timers
- Environmental cover
- Auxiliary switches
- Meter delayed or immediate initiated regeneration
- Filter or softener control valves

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### Operating Specifications

**Valve Specifications**
- **Valve Material**: Fiber-reinforced polymer
- **Inlet/Outlet**: .75", 1" or 1.25"
- **Cycles**: 5

**Flow Rates (50 PSI Inlet) - Valve Alone**
- Continuous (15 psi drop): 19 GPM
- Peak (25 psi drop): 24 GPM
- Cv (flow at 1 psi drop): 4.8
- Max. Backwash (25 psi drop): 17 GPM

**Regeneration**
- Downflow/Upflow: Downflow only
- Adjustable Cycles: Yes
- Time Available:
  - Electromechanical: 164 minutes
  - SXT: 0 - 199 minutes per cycle
  - XT: 0 - 240 minutes per cycle

**Meter Information**
- **Meter Accuracy**: .25 - 15 GPM +/- 5%
- **Meter Capacity Range (gal.)**: Standard: 125 - 2,125, Extended: 625 - 10,625, SXT: 1 - 999,900, XT: 1,000 - 9,900,000

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**Dimensions**
- **Distributor Pilot**: 1.05" O.D.
- **Drain Line**: .5" O.D.
- **Injector Brine System**: 1600
- **Brine Line**: .375"
- **Mounting Base**: 2.5" - 8 NPSM
- **Height from Top of Tank**: 7.5"

**Typical Applications**
- **Water Softener**: 6" - 16" diameter (limited by maximum injector size)
- **Filter**: 8" - 16" diameter (based on 10 GPM per sq. ft.)

**Additional Information**
- **Electrical Rating**: 24 v, 110 v, 220 v - 50 Hz, 60 Hz
- **Estimated Shipping Weight**: Time clock: 7 lbs., Metered valve: 10 lbs.
- **Pressure**: Hydrostatic: 300 psi
- **Temperature**: 34° - 110° F