# **Model 2510**



FRONT WITHOUT COVER



# **Product Features**

- Fully adjustable 5-cycle top mount control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, brine refill and downflow service
- Time-tested hydraulically balanced piston, seal and spacer concept to control service flow and regeneration
- Non-corrosive, high-tech material construction
- Excellent flow rates 19 GPM continuous, 24 GPM peak
- Backwash capacity handles tanks up to 16<sup>°</sup> diameter for softener applications, 16<sup>°</sup> diameter for filter applications
- Choice of 7 or 12 day clock, manual or meter initiated regeneration, mechanical or electronic control

# Options

- Corrosion-free bypass valve
- Backwash filter
- Meter initiated regeneration
- Manual operation
- Environmental cover
- No hard water bypass piston
- Auxiliary switches



#### Valve Specifications

Valve material	Fiber reinforced polymer
Inlet/Outlet	3/4", 1" or 1-1/4"
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 SE: 0 - 99 minutes ET: 0 - 999.9 minutes

# Meter Information

Meter accuracy range	.25 - 15 GPM +/- 5%
	Standard: 125 - 2,125 Extended: 625 - 10,625 SE: 1 - 9,999 ET: 1 - 9,999,999

#### Dimensions

Distributor pilot	1.05″ O.D.
Drain line	1/2″ O.D.
Brine line	1600 - 3/8″, 1650 - 3/8″
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7-1/2″

#### **Typical Applications**

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Water softener	6"-16" diameter (limited by maximum injector size)
Iron filter	8"-16" diameter (based on 10 GPM per sq. ft.)
Sediment filter	8"-16" diameter (based on 10 GPM per sq. ft.)
Carbon filter	8"-16" diameter (based on 10 GPM per sq. ft.)
Neutralizing filter	8"-16" diameter (based on 10 GPM per sq. ft.)

#### Additional Information

Injector brine system	1600
Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max. VA	72
Estimated shipping weight	Time clock: 7 lbs.
	Metered valve: 10 lbs.
Pressure	Hydrostatic: 300 psi
	Working: 20 - 125 psi
Temperature	34° - 110° F