

Soft water for your home and your family



Reliable water conditioning solutions for hard water problems

2510 Valve Softeners

The 2510 valve, although primarily a filter valve, is a versatile softener valve. Softeners using this valve are available in automatic calendar clock, meter initiated or SE econominder meter initiated regeneration.

FLECK 2510

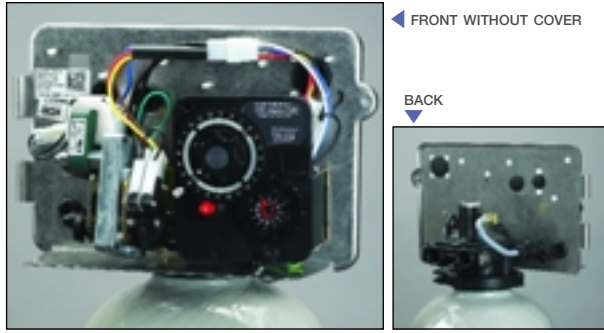
Features:

- * Available in capacities with 0.75, 1.0, and 1.5 cubic foot of resin.
- * Calendar clock initiated valves are set to regenerate at preset intervals at 2:00 AM.
- * Demand meter initiated valves are set to regenerate only when needed. The regeneration occurs at 2:00 AM once a preset volume of water has passed through the softener.
- * Electrical: 120V / 60 Hz



Sold by:





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" diameter for softener applications, 16" 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



shown with enviromental cover option

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%
Meter capacity range (gal.)	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

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