



Product Features

- Incorporates 2 time-tested hydraulically balanced pistons to independently pilot service flow and regeneration
- Brings great performance and versatility to commercial/industrial applications
- For use with the single or multiple tank systems
- Backwashes softener tanks up to 30" diameter
- Continuous flow rate of 106 GPM
- Available with 7 or 12 day timer or meter to control regeneration
- Lead-free brass valve body for superior strength and durability
- No hard water bypass piston

Options

- Backwash filter
- Meter initiated regeneration
- No hard water bypass piston
- Electronic timer, ET or Systemax
- Service valve operator
- Auxiliary switches
- Hot water (time clock 180°F; metered valve 150°F)
- Manual operation
- Environmental cover
- Upflow regeneration
- Side mount



Valve Specifications

Valve material	Lead-free brass*
Inlet/Outlet	2"
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	106 GPM side mount
Peak (25 psi drop)	140 GPM side mount
CV (flow at 1 psi drop)	27.5
Max. backwash (25 psi drop)	25 GPM

Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes ET: 1 - 999.9 minutes Systemax: 0 - 999.9 minutes

Meter Information

Meter accuracy range	3-150 GPM +/- 5%
Meter capacity range (gal.)	Standard: 1,250 - 21,250 Extended: 6,250 - 106,250 ET: 0 - 9,999,999 Systemax: 1 - 99,999,999

Dimensions

Distributor pilot	1.9" pipe O.D. (1.5" pipe)
Drain line	3/4" NPTM
Brine line	3/8" & 1/2"
Mounting base	4" - 8 UN
Height from top of tank	12"

Typical Applications

Water softener	14"-30" diameter
Iron filter	14"-21" diameter
Sediment filter	14"-21" diameter
Carbon filter	14"-21" diameter
Neutralizing filter	14"-21" diameter

Additional Information

Injector brine system	3/8" - 1600, 3/8" - 1650, 1/2" - 170
Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max. VA	143
Estimated shipping weight	Time clock: 33 lbs. Metered valve: 40 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

* As defined in the Safe Drinking Water Act.