



Product Features

- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, timed brine refill and downflow service
- Time-tested hydraulically balanced piston, seal and spacer design to pilot service flow and regeneration
- Solid lead-free brass valve body for superior strength and durability
- Backwash capacity handles tanks up to 30" diameter
- 1-1/2" top mount control valve ideal for smaller size commercial/industrial applications
- Consistent brining regardless of salt levels with timed brine refills
- Choice of 7 or 12 day clock, manual or meter
- Continuous flow rate of 51 GPM with a backwash of 49 GPM
- Ideal for filter applications

Options

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



Valve Specifications

Valve material	Lead-free brass*
Inlet/Outlet	1-1/2" NPTF
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	51 GPM side mount
Peak (25 psi drop)	66 GPM side mount
CV (flow at 1 psi drop)	13.2
Max. backwash (25 psi drop)	49 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes SE: 0 - 99 minutes ET: 0 - 999.9 minutes Systemax: 0 - 999.9 minutes

Meter Information

Meter accuracy range	0.7 - 40 GPM +/- 5% (1") 1.5 - 75 GPM +/- 5% (1-1/2")
Meter capacity range (gal.)	
1" Standard	310 - 5,270
1" Extended	1,150 - 26,350
1-1/2" Standard	625 - 10,625
1-1/2" Extended	3,125 - 53,125
ET	1 - 9,999,999
Systemax	1 - 99,999,999

Dimensions

Distributor pilot	1.9" O.D. (1.5" pipe)
Drain line	1" NPTM
Brine line	3/8" & 1/2"
Mounting base	4" - 8 UN
Height from top of tank	6-1/2"

Typical Applications

Water softener	10"-30" diameter
Iron filter	10"-24" diameter
Sediment filter	10"-24" diameter
Carbon filter	10"-24" diameter
Neutralizing filter	10"-24" diameter

Additional Information

Injector brine system	3/8" - 1600, 3/8" - 1650, 1/2" - 1700
Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max VA	72
Estimated shipping weight	Time clock: 19 lbs. Metered valve: 27 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

*As defined in the Safe Drinking Water Act.