



Product Features

- Fully adjustable 5-cycle control is efficient and reliable; delivers controlled upflow backwash, downflow brining and downflow service
- Versatile top or side mounting suitable for commercial or industrial applications
- Backwash capacity accommodates tanks up to 60" diameter
- Solid lead-free brass construction for superior strength and durability
- Protective NEMA 3R equivalent enclosure is water resistant, rain tight, corrosion resistant and UV stable
- Flexible 7 or 12 day time clock or meter initiated regeneration

Options

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



Valve Specifications

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

Flow Rates (50 psi Inlet) - Valve Alone

Flow rate (50 psi inlet)	Top mount	Side mount
Continuous (15 psi drop)	95 GPM	100 GPM
Peak (25 psi drop)	124 GPM	129 GPM
CV (flow at 1 psi drop)	24.8	25.9
Max. backwash (25 psi drop)	105 GPM	109 GPM

Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes ET: 0 - 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: 1 - 9,999,999 Systemax: 1 - 99,999,999

Dimensions

Distributor pilot	2.375" O.D. (2" pipe)
Drain line	2" NPTF
Brine line	1" NPTM
Mounting base	Top mount: 4" - 8 UN
Height from top of tank	10"

Typical Applications

Water softener	24"-63" diameter
Iron filter	24"-42" diameter
Sediment filter	24"-42" diameter
Carbon filter	24"-42" diameter
Neutralizing filter	24"-42" diameter

Additional Information

Injector brine system	1" - 1800
Electrical rating	24 v, 110 v - 50 Hz, 60 Hz
Max VA	87
Estimated shipping weight	Time clock: 39 lbs. Metered valve: 46 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

*As defined in the Safe Drinking Water Act.