



TREATED WATER PORT SHOWN

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 36" 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
- Service valve operator
- Auxiliary switches
- Hot water (time clock downflow only - 180°F)
- Manual operation
- Environmental cover
- Upflow regeneration
- Side mount
- Treated water regeneration



Valve Specifications

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

Flow Rates - GPM (50 psi Inlet) - Valve Alone

Regeneration Direction	Downflow		Upflow	
	No	Yes	No	Yes
Continuous (15 psi drop)	106	TBD	104	TBD
Peak (25 psi drop)	140	TBD	135	TBD
CV (flow at 1 psi drop)	27.3	TBD	26.9	TBD
Max. backwash (25 psi drop)	36	TBD	26	TBD

Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes NT: 1 - 835 minutes

Meter Information

Meter accuracy range	3-150 GPM +/- 5%
Meter capacity range (gal.)	Standard: 1,250 - 21,250 NT: 0 - 99,999

Dimensions

Distributor pilot	1.9" pipe 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	12"

Typical Applications

Water softener	14" - 36" diameter
Iron filter	14" - 30" diameter
Sediment filter	14" - 30" diameter
Carbon filter	14" - 30" diameter
Neutralizing filter	14" - 30" diameter

Additional Information

Injector brine system	3/8" - 1600/1650, 1/2" - 1700/1710
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.