



◀ BACK WITHOUT COVER

Product Features

- Suitable for large residential/light commercial applications
- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, timed brine refill and downflow service
- Backwash capacity handles tanks up to 24" diameter
- Choice of 7 or 12 day clock, manual or meter initiated regeneration
- Valve body is solid lead-free brass
- Hard water bypass feature is standard
- Time tested, hydraulically balanced piston, seal, and spacer concept to pilot service flow and regeneration

Options

- Backwash filter
- Hot water (time clock 180°F, meter 150°F)
- Meter initiated regeneration
- Manual operation
- Service valve operator
- No hard water bypass piston (downflow)
- Upflow models available with pressure regulated injector (specify 1600 or 1700 brine system)
- Electronic timer, SE, ET or Systemax
- Environmental cover
- Variable brining
- Auxiliary switch



Valve Specifications

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

Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	26 GPM
Peak (25 psi drop)	33 GPM
CV (flow at 1 psi drop)	6.8
Max. backwash (25 psi drop)	25 GPM

Regeneration

Downflow/Upflow	Both
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	3/4" - .25 - 15 GPM +/- 5% 1" - 0.7 - 40 GPM +/- 5%
Meter capacity range (gal.)	Electromechanical: Standard: 310 - 5,270 Extended: 1,550 - 26,350 SE: 1 - 9,999 ET: 1 - 9,999,999 Systemax: 1 - 99,999,999

Dimensions

Distributor pilot	1.05" O.D. (0.75" pipe)
Drain line	3/4" NPTF
Brine line	3/8" & 1/2"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	6-1/2"

Typical Applications

Water softener	10"-24" diameter
Iron filter	10"-21" diameter
Sediment filter	10"-21" diameter
Carbon filter	10"-21" diameter
Neutralizing filter	10"-21" 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	74
Estimated shipping weight	Time clock: 13 lbs. Metered valve: 26 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

*As defined in the Safe Drinking Water Act.