



Features

- Fully adjustable, 5-cycle control delivers upflow backwash, downflow brining, slow rinse, rapid rinse, brine refill, and downflow service
- Time-tested, hydraulically balanced piston, seal and spacer concept to pilot service flow and regeneration
- Solid, lead-free brass valve body
- Continuous flow rate of 17 GPM
- Backwash capacity handles tanks up to 14" in diameter for softener applications, and 10" in diameter for filter applications
- Both English and Spanish languages on the label

Options

- Hot water up to 180°F for filters and non-metered control valves
- Hot water up to 150°F for any metered control valves
- Service valve operator
- Side mount
- No hard water bypass
- Environmental cover
- Nickel plating
- Auxiliary switches
- Manual operation (filter or softener)
- Choice of 7 or 12 day clock
- Meter delayed or immediate initiated regeneration
- Filter or softener control valves



Valve Specifications

Valve material	Lead-free brass*
Inlet/Outlet	3/4" NPTF
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	17 GPM
Peak (25 psi drop)	22 GPM
Cv (flow at 1 psi drop)	4.8
Max. backwash (25 psi drop)	14 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes

Meter Information

Meter accuracy	.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	Standard: 125 - 2,125 Extended: 625 - 10,625

Dimensions

Distributor pilot	13/16" O.D.
Drain line	1/2" Quick Connect
Injector brine system	1600
Brine line	3/8"
Mounting base	2-1/2" - 8 NPSM side mount 3/4" NPTF 6 - 12"
Height from top of tank	6 - 12"

Typical Applications

Water softener	6" - 14" diameter
Filter	8" - 10" diameter

Additional Information

Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Estimated shipping weight	Time clock: 11 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

* As defined in the U.S. EPA Safe Drinking Water Act

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