



Features

- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service
- Easily-adjustable, 5-cycle, downflow-brining control
- Backwash capability handles up to 24" diameter tanks eliminating excessive, space wasting multiple tank installations
- Rugged, long-life construction features a lead-free brass* valve body
- Total flexibility in meter and timer setting
- Satisfies operational needs from 310 to 53,125 gallons
- Uses conditioned water for regeneration
- Salt and water savings by using 100% capacity of the tank in service before switching to the second tank
- Regenerates immediately when needed for continuous soft water
- Regenerates with soft water and keeps system clean for optimum operating efficiency and minimum maintenance

Options

- Bypass valve (Fiber-reinforced polymer or lead-free brass*)
- Hot water (150°F max., 1" meter only)
- Auxiliary switches
- 3200 mechanical timer, SXT or XT electronic timer
- Cover with window for electronic timers

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)	38 GPM
Peak (25 psi drop)	49 GPM
Cv (flow at 1 psi drop)	9.8
Max. backwash (25 psi drop)	16 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	Electromechanical: 82 or 164 minutes SXT: 0 - 199 minutes per cycle XT: 240 minutes per cycle

Meter Information

Meter accuracy	1-1/2 - 75 GPM
Meter capacity range (gal.)	Standard: 625 - 10,625 Extended: 3,125 - 53,125 SXT: 1 - 999,900 XT: 1,000 - 9,900,000

Dimensions

Distributor pilot	1.5" pipe I.D.
Drain line	1" NPTM
Injector brine system	1/2" & 3/8"
Mounting base	4" - 8 UN
Height from top of tank	7-1/4"

Typical Applications

Water softener	10" - 24" diameter
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Additional Information

Electrical rating	24 v, 110 v, 200 v - 50 Hz, 60 Hz
Max. VA	8.9
Estimated shipping weight	Metered value: 48 lbs.
Pressure	Hydrostatic: 300 psi Working: 25 - 125 psi
Temperature	34° - 110° F

* As defined in the U.S. EPA Safe Drinking Water Act; the product also meets California Proposition 65 Standards



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