



Product Features

- 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
- Proven technology and performance
- Corrosion-free fiber-reinforced polymer valve body
- Innovative second tank quick connection
- No new moving parts

Options

- Fiber-reinforced polymer or lead-free brass* Bypass valve
- Auxiliary switches
- 3200 mechanical timer, SE electronic timer
- 32 mm high flow distribution system



Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1" or 1-1/4"
Cycles	6

Flow Rates (50 psi Inlet) - Valve With Meter

	3/4" meter	3/4" turbine	1" meter
Continuous (15 psi drop)	18.2	19.4	20.1
Peak (25 psi drop)	23.5	25.0	26.0
CV (flow at 1 psi drop)	4.7	5.0	5.2
Max. backwash (25 psi drop)	8.5	8.5	8.5

Regeneration

Downflow/Uplow	Downflow only
Adjustable cycles	Yes
Time available	3200 timer: 82 or 164 minutes total SE timer: 99 minutes/cycle

Meter Information

Meter accuracy range	3/4": 0.25 - 15 GPM +/- 5% 1": 0.7 - 40 GPM +/- 5%
Meter capacity range (gal.) 3/4"	Standard: 125 - 2,125 Extended: 625 - 10,625 SE: 1 - 9,999
1"	Standard: 310 - 5,270 Extended: 1,550 - 26,350 SE: 1 - 9,999

Dimensions

Distributor pilot	1.05" O.D. and 32 mm w/ adapter
Drain line	1/2" NPT
Brine line	1600 - 3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7.3"

Typical Applications

Water softener	6" - 16" diameter
----------------	-------------------

Additional Information

Injector brine system	1600
Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Max VA	8.9
Estimated shipping weight	Mechanical valve: 14.5 lbs SE valve: 12.0 lbs
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

*As defined in the Safe Drinking Water Act.