



Features

- Up to 35 GPM flows for residential/commercial softening and filtration applications
- Reliable optical electronics eliminate microswitch positioning
- Electronic timer provides quick setup and programming
- Quick connect clips allow easy installation and maintenance
- Regenerates up to 10 cu. ft. softeners
- Integrated turbine meter assembly
- Battery back-up, to keep time-of-day during a power outage

Options

- High-flow bypass valve
- High-flow distribution system
- Plumbing connections in 3/4"-1-1/2" NPT, BSP and Sweat
- Soft water brine refill
- Variable reserve
- Metered with regeneration day override
- Manual operation
- Double backwash
- Environmental cover (NEMA-3R rated)
- Auxiliary switch



Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4" - 1-1/2" NPT, BSP and Sweat
Cycles	Up to 6 cycles

Flow Rates (50 psi Inlet) - Valve Alone

Piston	Standard	High Flow	Filter
Continuous	27.7	35.8	36.7
Peak (25 psi drop)	35.5	46.0	47.5
Cv (flow at 1 psi drop)	7.1	9.2	9.5
Max. backwash (25 psi drop)	7.4	15.8	31.3

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	199 minutes per cycle

Meter Information

Meter accuracy	+5/-8% (2 - 40 gpm)
Meter capacity Range (gal.)	1 - 999,900

Dimensions

Distributor pilot	1.05" or 32 mm
Drain line	3/4" or 1" NPT Quick Connect
Brine line	3/8" or 1/2" Quick Connect
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7.9"

Typical Applications

Water softener	8" - 24" diameter
Filters	8" - 24" diameter

Additional Information

Injector brine system	1610
Electrical rating	24 VAC, 50/60 Hz
Max. VA	15
Estimated shipping weight	11 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F