



### Product Features

- Fully adjustable 5-cycle top mount control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, brine refill and downflow service
- Time-tested hydraulically balanced piston, seal and spacer concept to control service flow and regeneration
- Non-corrosive, high-tech material construction
- Excellent flow rates – 19 GPM continuous, 24 GPM peak
- Backwash capacity handles tanks up to 16" diameter for softener applications, 16" diameter for filter applications
- Choice of 7 or 12 day clock, manual or meter initiated regeneration, mechanical or electronic control

### Options

- Corrosion-free bypass valve
- Backwash filter
- Meter initiated regeneration
- Manual operation
- Environmental cover
- No hard water bypass piston
- Auxiliary switches



### Valve Specifications

|                |                          |
|----------------|--------------------------|
| Valve material | Fiber reinforced polymer |
| Inlet/Outlet   | 3/4", 1" or 1-1/4"       |
| Cycles         | 5                        |

### Flow Rates (50 psi Inlet) - Valve Alone

|                             |        |
|-----------------------------|--------|
| Continuous (15 psi drop)    | 19 GPM |
| Peak (25 psi drop)          | 24 GPM |
| CV (flow at 1 psi drop)     | 4.8    |
| Max. backwash (25 psi drop) | 17 GPM |

### Regeneration

|                   |   |
|-------------------|---|
| Downflow/Upflow   | Downflow only   |
| Adjustable cycles | Yes   |
| Time available    | Electromechanical: 164 minutes<br>SE: 0 - 99 minutes<br>ET: 0 - 999.9 minutes |

### Meter Information

|                             |   |
|-----------------------------|---|
| Meter accuracy range        | .25 - 15 GPM +/- 5%   |
| Meter capacity range (gal.) | Standard: 125 - 2,125<br>Extended: 625 - 10,625<br>SE: 1 - 9,999<br>ET: 1 - 9,999,999 |

### Dimensions

|                         |                          |
|-------------------------|--------------------------|
| Distributor pilot       | 1.05" O.D.               |
| Drain line              | 1/2" O.D.                |
| Brine line              | 1600 - 3/8", 1650 - 3/8" |
| Mounting base           | 2-1/2" - 8 NPSM          |
| Height from top of tank | 7-1/2"                   |

### Typical Applications

|                     |  |
|---------------------|--|
| Water softener      | 6"-16" diameter (limited by maximum injector size) |
| Iron filter         | 8"-16" diameter (based on 10 GPM per sq. ft.)      |
| Sediment filter     | 8"-16" diameter (based on 10 GPM per sq. ft.)      |
| Carbon filter       | 8"-16" diameter (based on 10 GPM per sq. ft.)      |
| Neutralizing filter | 8"-16" diameter (based on 10 GPM per sq. ft.)      |

### Additional Information

|                           |   |
|---------------------------|---|
| Injector brine system     | 1600  |
| Electrical rating         | 24 v, 110 v, 220 v - 50 Hz, 60 Hz             |
| Max. VA                   | 72  |
| Estimated shipping weight | Time clock: 7 lbs.<br>Metered valve: 10 lbs.  |
| Pressure                  | Hydrostatic: 300 psi<br>Working: 20 - 125 psi |
| Temperature               | 34° - 110° F                                  |