



### 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:<br>82 or 164 minutes<br>SXT: 0 - 199 minutes per cycle<br>XT: 240 minutes per cycle |

### Meter Information

|                             |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| Meter accuracy              | 1-1/2 - 75 GPM                                                                                  |
| Meter capacity range (gal.) | Standard: 625 - 10,625<br>Extended: 3,125 - 53,125<br>SXT: 1 - 999 900<br>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 |
|----------------|--------------------|

### 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<br>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

