



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 |
|----------------|--------------------|

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

