



◀ BACK WITHOUT COVER

Product Features

- Suitable for large residential/light commercial applications
- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, timed brine refill and downflow service
- Backwash capacity handles tanks up to 24" diameter
- Choice of 7 or 12 day clock, manual or meter initiated regeneration
- Valve body is solid lead-free brass
- Hard water bypass feature is standard
- Time tested, hydraulically balanced piston, seal, and spacer concept to pilot service flow and regeneration

Options

- Backwash filter
- Hot water (time clock 180°F, meter 150°F)
- Meter initiated regeneration
- Manual operation
- Service valve operator
- No hard water bypass piston (downflow)
- Upflow models available with pressure regulated injector (specify 1600 or 1700 brine system)
- Electronic timer, SE, ET or Systemax
- Environmental cover
- Variable brining
- Auxiliary switch



Valve Specifications

| | |
|----------------|------------------|
| Valve material | Lead-free brass* |
| Inlet/Outlet | 1" NPTM |
| Cycles | 5 |

Flow Rates (50 psi Inlet) - Valve Alone

| | |
|-----------------------------|--------|
| Continuous (15 psi drop) | 26 GPM |
| Peak (25 psi drop) | 33 GPM |
| CV (flow at 1 psi drop) | 6.8 |
| Max. backwash (25 psi drop) | 25 GPM |

Regeneration

| | |
|-------------------|--|
| Downflow/Upflow | Both |
| Adjustable cycles | Yes |
| Time available | Electromechanical: 164 minutes SE: 0 - 99 minutes ET: 0 - 999.9 minutes Systemax: 0 - 999.9 minutes |

Meter Information

| | |
|-----------------------------|---|
| Meter accuracy range | 3/4" - .25 - 15 GPM +/- 5% 1" - 0.7 - 40 GPM +/- 5% |
| Meter capacity range (gal.) | Electromechanical: Standard: 310 - 5,270 Extended: 1,550 - 26,350 SE: 1 - 9,999 ET: 1 - 9,999,999 Systemax: 1 - 99,999,999 |

Dimensions

| | |
|-------------------------|-------------------------|
| Distributor pilot | 1.05" O.D. (0.75" pipe) |
| Drain line | 3/4" NPTF |
| Brine line | 3/8" & 1/2" |
| Mounting base | 2-1/2" - 8 NPSM |
| Height from top of tank | 6-1/2" |

Typical Applications

| | |
|---------------------|------------------|
| Water softener | 10"-24" diameter |
| Iron filter | 10"-21" diameter |
| Sediment filter | 10"-21" diameter |
| Carbon filter | 10"-21" diameter |
| Neutralizing filter | 10"-21" diameter |

Additional Information

| | |
|---------------------------|---|
| Injector brine system | 3/8" - 1600, 3/8" - 1650, 1/2" - 1700 |
| Electrical rating | 24 v, 110 v, 220 v - 50 Hz, 60 Hz |
| Max VA | 74 |
| Estimated shipping weight | Time clock: 13 lbs. Metered valve: 26 lbs. |
| Pressure | Hydrostatic: 300 psi Working: 20 - 125 psi |
| Temperature | 34° - 110° F |

*As defined in the Federal Safe Drinking Water Act; the product also meets California Proposition 65 Standards.