

Model 2900s

2" Control Valve



Features

- Incorporates 2 time-tested, hydraulically-balanced pistons to independently pilot service flow and regeneration
- For use with single or multiple tank systems
- Backwashes softener tanks up to 36" diameter
- Continuous flow rate of 106 GPM
- Lead-free brass* valve body for superior strength and durability

Options

- Meter delayed or immediate initiated regeneration
- No hard water bypass
- Electronic timer, XT, 3200NXT and 3214NXT
- Service valve operator
- Auxiliary switches
- Environmental cover
- Upflow regeneration
- Side mount
- Treated water regeneration
- Choice of 7 or 12 day timer
- Hot water up to 180°F for any filter or 1600 brine system or metered control valve
- Hot water up to 150°F for any 1700 brine system or metered control valve
- Filter or softener control valve

Valve Specifications

Valve material	Lead-free brass*
Inlet/Outlet	2"
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Regeneration direction	No	Downflow
Treated water regeneration	No	Yes
Continuous (15 psi drop)	106	
Peak (25 psi drop)	140	
Cv (flow at 1 psi drop)	27.5	
Max. backwash (25 psi drop)	36	

Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes 3200NXT: 240 minutes per cycle 3214NXT: 240 minutes per cycle XT: 240 minutes per cycle

Meter Information

Meter accuracy range	3-150 GPM +/- 5%
Meter capacity range (gal.)	Standard: 1,250 - 21,250 3200NXT: 9,900,000 3214NXT: 9,900,000 XT: 1,000 - 9,900,000

Dimensions

Distributor pilot	1.5" pipe I.D.
Drain line	1" NPTM
Injector brine system	1600 & 1650 - 3/8" 1700 & 1710 - 1/2"
Mounting base	4" - 8 UN
Height from top of tank	12"

Additional Information

Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Estimated shipping weight	Time clock: 33 lbs. Metered valve: 40 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	Cold Water: 34° - 110° F

Typical Applications

Water softener	14" - 36" diameter
Filters	14" - 30" diameter

* As defined in the U.S. EPA Safe Drinking Water Act; the product also meets California Proposition 65 Standards
Based on 10 GPM/sq. ft. for filter applications.



TESTED AND CERTIFIED by the WQA
to NSF/ANSI STD. 61 Section 8
Material Safety Only and ANNEX "G"