

## Model 3900

## 3" Control Valve



### Features

- Fully adjustable, 5-cycle control delivers upflow back wash, downflow brining, slow rinse, rapid rinse and down flow service
- Designed for single tank or multi-tank systems, alternating or interlocking
- Continuous flow rate of 250 GPM
- Protective NEMA 3R enclosure is water-resistant, corrosion-resistant, and UV stable
- Choice of 7 or 12 day clock or meter initiated regeneration

### Options

- Meter delayed or immediate initiated regeneration
- Upflow regeneration
- Service valve operator
- No hard water bypass
- Auxiliary switches
- Side mount

### Valve Specifications

Valve material	Lead-free brass*
Inlet/Outlet	3" NPT
Cycles	5

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

Flow rate (50 psi Inlet)	Top mount
Continuous (15 psi drop)	250 GPM
Peak (25 psi drop)	325 GPM
Cv (flow at 1 psi drop)	65
Max. backwash (25 psi drop)	100 GPM

### 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	7 - 300 GPM +/- 5%
Meter capacity range (gal.)	Standard: 3,750 - 63,750 Extended: 18,750 - 318,750 3200NXT: 9,900,000 3214NXT: 9,900,000 XT: 9,900,000

### Dimensions

Distributor pilot	3" O.D.
Drain line	2" NPTF
Injector brine system	1"
Mounting base	Top: 6" - 8 threaded or flanged
Height from top of tank	15"

### Additional Information

Electrical rating	24 v, 110 v, 200 v - 50 Hz, 60 Hz
Estimated shipping weight	Time clock: 93 lbs. Metered value: 115 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 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



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