

# 7000SXT, HIGH FLOW RATE CONTROL VALVE (ODL GROUP)



## Technical Specifications & Features

- Recommended maximum operating pressure: 100 psig (690 kPa)
- Recommended maximum operating temperature: 100°F (38°C)

### Main Control Valve

- Single valve per tank controls all softener functions
- Electronic timer controls all valve cycles including service, backwash, brine draw, second backwash, slow rinse, fast rinse and brine tank refill
- Meter initiated regeneration
- 7000 control valve constructed of fiber reinforced polymer
- Main piston is a lead-free brass\* with a Teflon coating
- Simple threaded (NPT) inlet, outlet and drain connections
- 7000 valve uses 24VAC Class 2, CSA certified transformer

### Resin

- Premium quality ion exchange softening resin, selected for resistance to fouling and minimum salt usage
- FDA Grade

## Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4" - 1-1/2" NPT, BSP and Sweat
Cycles	Up to 6 cycles

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

Piston	Standard	High Flow	Filter
Continuous	27.7	35.8	36.7
Peak (25 psi drop)	35.5	46.0	47.5
Cv (flow at 1 psi drop)	7.1	9.2	9.5
Max. backwash (25 psi drop)	7.4	15.8	31.3

## Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	199 minutes per cycle

## Meter Information

Meter accuracy	+5/-8% (2 - 40 gpm)
Meter capacity Range (gal.)	1 - 999,900

## Dimensions

Distributor pilot	1.05" or 32 mm
Drain line	3/4" or 1" NPT Quick Connect
Brine line	3/8" or 1/2" Quick Connect
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7.9"

## Typical Applications

Water softener	8" - 24" diameter
Filters	8" - 24" diameter

## Additional Information

Injector brine system	1610
Electrical rating	24 VAC, 50/60 Hz
Max. VA	15
Estimated shipping weight	11 lbs.
Pressure	
Hydrostatic:	300 psi
Working:	20 - 125 psi
Temperature	34o - 110o F