



The residential 7000XTR offers a two-line, sixteen character LCD backlit display for easy entering of master, diagnostic, and user programming. No need to memorize codes or letters to program or read screens! Time of day is maintained during power failures, offering peace of mind and steady, treated water as needed.

### Features

- Shift key: Allows digit selection in user and master programming modes
- Diagnostics
  - Current flow rate
  - Peak flow rate (can be reset)
  - Totalizer (can be reset)
  - Hours between last two regenerations
  - Hours since last regeneration
  - Volume remaining (adjustable)
  - Software version
- User programming mode
- Master programming mode
- Programmable auxiliary relay output
  - Dry contact relay
  - Program entire regeneration
  - Program during cycle position
- LED status indicator
  - Blue: In service
  - Green: In regeneration
  - Red: Error
- Up to 35 GPM flows for residential/commercial softening and filtration applications
- Reliable optical electronics eliminate microswitch positioning
- Electronic timer provides quick setup and programming
- Quick-connect clips allow easy installation and maintenance
- Regenerates up to 10 cu. ft. softeners

### Options

- High-flow bypass valve
- High-flow distribution system
- Plumbing connections in 3/4"-1-1/2" NPT, BSP and Sweat
- Soft water brine refill
- Variable reserve
- Meter delayed, immediate, or time clock regeneration
- Double backwash
- Environmental cover (NEMA-3R rated)
- Auxiliary switch
- Filter or softener control valves

### Valve Specifications

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

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

Piston	Standard	High Flow	Filter
Continuous	28	36	37
Peak (25 psi drop)	36	46	47
Cv (flow at 1 psi drop)	7-1/10	9-1/5	9-1/2
Max. backwash (25 psi drop)	7	16	31

### Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	Up to 240 minutes per cycle

### Meter Information

Meter accuracy	+5/-8% (2 - 40 gpm)
Meter capacity range (gal.)	1,000 - 9,900,000

### Dimensions

Distributor pilot	1-1/20" O.D. or 32 mm O.D.
Drain line	3/4" or 1" NPT Quick Connect
Injector brine system	1610
Brine line	3/8" or 1/2" Quick Connect
Mounting base	2-1/2" - 8" NPSM
Height from top of tank	8"

### Typical Applications

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

### Additional Information

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