



◀ Front (open cover)

The residential 6700XTR 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. The polycarbonate cover is UV-stable, flame retardant, and protects against moisture, dust, and dirt.

### Features

- Shift Key: Allows digit selection in user and master programming modes
- Diagnostic Mode
  - 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)
- User Program and Master Programming Modes
- 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

### Options

- Auxiliary Switch
- Backwash Filter
- Double Backwash
- Meter delayed or immediate regeneration
- Metallic or fiber-reinforced polymer bypass
- Upflow Regeneration



### Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1", or 1-1/4"
Cycles	5

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

Continuous (15 psi drop)	20 GPM
Peak (25 psi drop)	26 GPM
Cv (flow at 1 psi drop)	5.2
Max. backwash (25 psi drop)	7 GPM

### Regeneration

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

### Meter Information

Meter capacity range (gal.)	1 - 9,900,000
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### Dimensions

Distributor pilot	13/16" or 1.05" O.D.
Drain line	1/2" NPTF
Injector brine system	1600
Brine line	3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7-1/2"

### Typical Applications

Water softener	6" - 12" diameter
Filters	6" - 10" diameter

### Electrical Rating

24 V - 60 Hz, 50 Hz **
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### Additional Information

Estimated shipping weight	
Time Clock	5lbs
Metered valve	6lbs
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

\*\* 24 VAC Pentair Transformers:  
 115 VAC +/- 20% Input, 24 VAC Output  
 230 VAC +/- 20% Input, 24 VAC Output