



◀ TOP COVER OPEN

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.

Product 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

Product Options

- Auxiliary Switch
- Backwash Filter
- Double Backwash
- Meter Initiated Regeneration
- Metallic or Non-Metallic 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 @ 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/cycle

Meter Information

Meter accuracy range (gal.)	1 – 9,900,000 GPM
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Dimensions

Distributor pilot	0.8125" or 1.05" pipe O.D.
Drain line	1/2" NPTF
Brine line	1600 – 3/8"
Mounting base	2-1/2" – 8 NPSM
Height from top of tank	7-1/2"

Typical Applications

Water softener	6" – 12" diameter
Iron filter	6" – 10" diameter
Sediment filter	6" – 10" diameter
Carbon filter	6" – 10" diameter
Neutralizing filter	6" – 10" diameter

Additional Information

Injector brine system	1600
Electrical rating	24 V – 60 Hz, 50 Hz
Max. VA	6.1
Estimated shipping weight	
Time clock	5 lbs
Metered valve	6 lbs
Pressure	
Hydrostatic	300 psi
Working	20 – 125 psi
Temperature	34° – 110°F