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

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### Valve Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve material</td>
<td>Fiber-reinforced polymer</td>
</tr>
<tr>
<td>Inlet/Outlet</td>
<td>3/4&quot;, 1&quot;, or 1-1/4&quot;</td>
</tr>
<tr>
<td>Cycles</td>
<td>5</td>
</tr>
<tr>
<td>Flow Rates (50 psi Inlet) - Valve Alone</td>
<td></td>
</tr>
<tr>
<td>Continuous (15 psi drop)</td>
<td>20 GPM</td>
</tr>
<tr>
<td>Peak (25 psi drop)</td>
<td>26 GPM</td>
</tr>
<tr>
<td>Cv (flow at 1 psi drop)</td>
<td>5.2</td>
</tr>
<tr>
<td>Max. backwash (25 psi drop)</td>
<td>7 GPM</td>
</tr>
<tr>
<td>Regeneration</td>
<td>Both</td>
</tr>
<tr>
<td>Adjustable cycles</td>
<td>Yes</td>
</tr>
<tr>
<td>Time available</td>
<td>Up to 240 minutes per cycle</td>
</tr>
</tbody>
</table>

### Meter Information

- **Meter capacity range (gal.)**: 1 - 9,900,000

### 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"

### Electrical Rating

- **24 V - 60 Hz, 50 Hz**

### Additional Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated shipping weight</td>
<td>5lbs</td>
</tr>
<tr>
<td>Metered valve</td>
<td>6lbs</td>
</tr>
<tr>
<td>Pressure</td>
<td>34° - 110°F</td>
</tr>
<tr>
<td>Hydrostatic</td>
<td>300 psi</td>
</tr>
<tr>
<td>Working</td>
<td>20 - 125 psi</td>
</tr>
</tbody>
</table>

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* 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

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