X-Factor Series LES
WATER SOFTENER

LINE OVERVIEW
The Lancaster LES electronic water softener brings advanced technology and enhanced performance to water conditioning. The LES softener removes unwanted hardness and minerals from your household water.

The LES line features a state-of-the-art control valve, high-performance mineral tank and a brine tank to handle the homeowner’s most demanding needs.

It is outfitted with a solid-state microprocessor control and LCD display to simplify system operation and setup. Usage history and diagnostic records, as well as current gallon-per-minute flow and usage is available.

Additionally, the control valve monitors days since the last regeneration, peak flow rates and reserve capacity based on water usage over the previous 21 days.

The sophisticated LES control valve is easy to program and provides valuable information to the installer and homeowner. You can count on your Lancaster Water Treatment dealer to provide expert advice and installation on the best system to meet your household needs.

HOMEOWNER BENEFITS
Our Platinum Line LES softeners bring the treatment of household water to a whole new level of quality and convenience and proven system performance. The combination of the control valve, mineral tank and brine tank make this one of the highest valued water softening systems on the market today.

- Water usage efficiency up to 98%
- Minimized usage of salt and water
- Solid-state microprocessor with push-button simplicity for ease of use
- Stores all system configuration and operating data, even in the event of a power outage
- Programmable control to customize use to family needs and lower operating costs
- Fully adjustable regeneration cycle times to meet peak demands
- Modular design is easy to service and maintain
- Available in the space-saving cabinet model or the two-tank model
- Family members will all experience the improvements of treated water after installation

www.LancasterWaterTreatment.com • 1-800-442-0786
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LES MICROPROCESSOR-BASED CONTROL VALVE

- Monitors water consumption, water flow rates, gallons since last regeneration, days between regeneration, total regenerations since startup
- Treated water brine refill
- Easy-access front panel settings
- Days override feature: 1-28 days available
- Stores system configuration and operation data in a non-volatile memory
- Valves ported internally 1"
- Battery back-up with up to 8 hours power carry-over

EASY TO PROGRAM

- Homeowner/user screens
- Installer screens
- Factory-set regeneration sequence screens
- Factory-set softener set-up screens
- Diagnostic screens
- Valve history screens
- Set-up available for low-yielding wells

CABINET & MINI CABINET

- Cabinet design offers space savings by combining the mineral tank and brine tank into one unit that still allows up to 225 lbs of salt storage
- The mini offers even more space savings and allows up to 75 lbs of salt storage

<table>
<thead>
<tr>
<th>TWO TANK</th>
<th>MINI CAB</th>
<th>CABINET</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL NO.</td>
<td>7-LES-75B</td>
<td>7-LES-100B</td>
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<tr>
<td>Grains Capacity (Lbs.)</td>
<td>18,000</td>
<td>24,000</td>
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<tr>
<td>Mineral Tank Size (in.)</td>
<td>8x44</td>
<td>10x40</td>
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<tr>
<td>Brine Tank Size (in.)</td>
<td>15x17x36</td>
<td>15x17x36</td>
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<tr>
<td>Brine Tank Capacity (Lbs.)</td>
<td>275</td>
<td>275</td>
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<tr>
<td>LBS NaCl Per Regeneration</td>
<td>6.0</td>
<td>8.0</td>
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<tr>
<td>Service Flow Rate (gpm)</td>
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<td>3.2</td>
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<td>Pipe Size (in.)</td>
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<td>1</td>
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<tr>
<td>Min.-Max. Pressure (psi)</td>
<td>20-100</td>
<td>20-100</td>
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<tr>
<td>Min.-Max. Temperature (°F)</td>
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<td>35-100</td>
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