LC Series - Light Commercial Pump Station

The LC Series by Rain Bird is a revolutionary complete pump package that includes a professional-grade pump, the highest quality pump protection and simple to install and operate fixtures all housed in a unique enclosure designed specifically for a pump. With this complete solution the days of retrofitting often non compatible parts together and housing them in a makeshift enclosure are over. Only Rain Bird is able to provide totally integrated irrigation solutions that dependably deliver healthy, beautiful landscapes while lowering utility costs, saving time and minimizing maintenance.

Features
• Complete pump station
• Pump options available at 0.75hp, 1hp, 1.5hp, 2hp, and 3hp
  Up to 145 head feet
• Quick disconnecting of: Discharge and Suction line Power cord
• Powder coated steel enclosure
• Start Relay (PSRP) included
• Cooling louvres included
• Discharge options through: Bottom of enclosure Side of enclosure

UL Listed Internal Components
• Power Relay
• Electrical Rating: 240V – 28 FLA
• Largest Motor: 240V – 3 hp
• Short Circuit Rating: 240V – 5kA
• Control voltage required: 24V
• 230 volt main power plug for safety and service ability and convenience
• PSRP for Shut-down protection. Provides protection if pump experiences loss of pressure or High temperature situations. The PSR-P is housed in a powder coated steel enclosure.
• Inrush/run: 950mA/360mA
• Cube Relay: 24VAC Coil, 60 Hz, 10A resistive

Enclosure
• Powder-coated steel

Applications
• Water supply
• Water extracting
• Flood control

Pump Dimensions
34" x 25" x 20" (W x H x D)

Models
LC750 Rain Bird LC Series 3/4 hp, 1 ph, 1-1/2" discharge -2" suction
LC1000 Rain Bird LC Series 1 hp, 1 ph, 1-1/2" discharge -2" suction
LC1500 Rain Bird LC Series 1 1/2 hp, 1 ph, 1-1/2" discharge -2" suction
LC2000 Rain Bird LC Series 2 hp, 1 ph, 1-1/2" discharge -2" suction
LC3000 Rain Bird LC Series 3 hp, 1 ph, 1-1/2" discharge -2" suction

* National electrical code (NEC) states all motors will be thermally protected from excessive "amperage draw." Most motors under 2 hp are supplied with thermal protection from the motor manufacturer. For motors over 2 hp, codecompliant Rain Bird PSRP pump protection is recommended.

NOTE: Circuit breakers are never classified as motor protection.
NOTE: Check with your local health department for regulations and requirements for backflow prevention.
Pump Performance
LC series - 3/4HP - 3HP

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Capacity - U.S. Gallons per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Discharge Pressure (PSI) at 5' Suction Lift</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shut Off Pressure PSI</td>
</tr>
<tr>
<td>LC750</td>
<td>3/4</td>
<td>63</td>
</tr>
<tr>
<td>LC1000</td>
<td>1</td>
<td>73</td>
</tr>
<tr>
<td>LC1500</td>
<td>1-1/2</td>
<td>75</td>
</tr>
<tr>
<td>LC2000</td>
<td>2</td>
<td>102</td>
</tr>
<tr>
<td>LC3000</td>
<td>3</td>
<td>115</td>
</tr>
</tbody>
</table>

▲ Suction lift varies, depending upon elevation (altitude) and water temperatures.
MAXIMUM CASE PRESSURE --- 150 PSI

Pump Curves

How To Order

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>Pump</th>
<th>Discharge</th>
<th>Suction</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC750</td>
<td>Rain Bird LC Series - 3/4 hp, 230V, 1 ph, pump</td>
<td>3/4 hp pump</td>
<td>1-1/2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>LC1000</td>
<td>Rain Bird LC Series - 1 hp, 230V, 1 ph, pump</td>
<td>1 hp pump</td>
<td>1-1/2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>LC1500</td>
<td>Rain Bird LC Series - 1 1/2 hp, 230V, 1 ph, pump</td>
<td>1.5 hp pump</td>
<td>1-1/2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>LC2000</td>
<td>Rain Bird LC Series - 2 hp, 230V, 1 ph, pump</td>
<td>2 hp pump</td>
<td>1-1/2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>LC3000</td>
<td>Rain Bird LC Series - 3 hp, 230V, 1 ph, pump</td>
<td>3 hp pump</td>
<td>1-1/2&quot;</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

How To Specify

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