**LB-480 • LB-480A - DEWATERING PUMPS**

**LB-480** Slimline design pump fits into 8” pipes. Powerful pumps built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low water levels and extended dry-run capability.

**LB-480A** features Relay Unit (Level Sensor) which incorporates low voltage, stainless steel probes, epoxy and rubber encapsulated timing relay, that turns the unit off when water is not present. It saves energy and extends the life of the motor and bearings!

**LB-480 Features**
- Urethane, Semi Vortex Impeller and Wear Plates for maximum durability and maintaining pump performance
- Dual Inside Mechanical Seal With SiC faces provides longer operational life
- Oil Lifter provides lubrication of the seal faces (Patented)
- V-Ring Seal design protects mechanical seal from abrasive particles

Optional Accessories - See page 28-31
- TS-301 Float Switch for automatic operation
- Discharge hoses
- Quick connect fittings

**LB-480A Features**
- No control panel or float switches required
- Performs like the non-automatic pump with no special float installation required
- Requires very small space to operate - only 8 3/4” diameter

**Technical Features of Automatic (A) Water Level Sensor**
- Sensitive electrodes detect water to start pump operation even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off operation in rough water to extend motor life
- Relay sensor completely molded in resin and covered by rubber case for protection against rough handling
- Jobsite tested for more than 30,000 on-off cycles without failure or damage

Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Output (HP)</th>
<th>Phase</th>
<th>Discharge Bore (inch)</th>
<th>Cable Length (ft)</th>
<th>Dimension (inch)</th>
<th>Continuous Running Water Level (inch)</th>
<th>Shipping Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB-480</td>
<td>2/3 Single</td>
<td>2</td>
<td>32</td>
<td>45</td>
<td>Diameter: 7 11/16</td>
<td>Height: 11 1/4</td>
<td>2</td>
</tr>
<tr>
<td>LB-480A</td>
<td>2/3 Single</td>
<td>2</td>
<td>32</td>
<td>45</td>
<td>Diameter: 8 3/4</td>
<td>Height: 11 1/4</td>
<td>4 1/2*</td>
</tr>
</tbody>
</table>

*Pump Starting Water Level*
**LB(T)-800 • LB-800A - DEWATERING PUMPS**

**LB-800 • LBT-800** Slimline design pumps fit into 8” pipes. Powerful pump built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low levels and extended dry-run capability.

**LB-800A** features Relay Unit (Level Sensor) which incorporates low voltage, stainless steel probes, epoxy and rubber encapsulated timing relay, that turns the unit off when water is not present. It saves energy and extends the life of the motor and bearings!

**LB-800 (Single Phase) • LBT-800 (Three Phase) Features**
- Designed to fit an 8” pipe
- Up to 59’ shut off head
- Available in 230V single-phase
- Dual Inside Mechanical Seal With SiC faces provides longer operational life
- Oil Lifter provides lubrication of the seal faces (Patented)
- LB-800 (Single Phase) and LBT-800 (Three Phase) are available

**Optional Accessories - See page 28-31**
- Float Switch for automatic operation (TS-302 for 115V, TS-303 for 230V)
- Discharge hoses
- Quick connect fittings

**LB-800A (Single Phase) pump Features**
- Up to 59’ shut off head
- Dual Inside Mechanical Seal With SiC faces provides longer operational life
- Oil Lifter provides lubrication of the seal faces (Patented)

**Technical Features of Automatic (A) Water Level Sensor**
- Sensitive electrodes detect water to start pump cycling even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off cycling in rough water to extend motor life
- Automatic water level sensor completely molded in resin and covered by rubber case for protection against rough handling.
- Jobsite tested for more than 30,000 on-off cycles without failure or damage

**Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Output (HP)</th>
<th>Phase</th>
<th>Discharge Bore (inch)</th>
<th>Cable Length (ft)</th>
<th>Dimension (inch)</th>
<th>Continuous Running Water Level (inch)</th>
<th>Shipping Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB-800</td>
<td>1</td>
<td>Single</td>
<td>2</td>
<td>50</td>
<td>7 9/16</td>
<td>13 7/16</td>
<td>2</td>
</tr>
<tr>
<td>LBT-800</td>
<td>1</td>
<td>Three</td>
<td>2</td>
<td>50</td>
<td>7 9/16</td>
<td>13 7/16</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Output (HP)</th>
<th>Phase</th>
<th>Discharge Bore (inch)</th>
<th>Cable Length (ft)</th>
<th>Dimension (inch)</th>
<th>Pump Starting Water Level (inch)</th>
<th>Shipping Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB-800A</td>
<td>1</td>
<td>Single</td>
<td>2</td>
<td>50</td>
<td>8 3/4</td>
<td>13 7/16</td>
<td>6 3/4</td>
</tr>
</tbody>
</table>

**Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.**
LB-1500 • LBT-1500 Slimline design pumps fit into 8” pipes. Powerful pump built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low levels and extended dry-run capability.

**LB-1500 (Single Phase) • LBT-1500 (Three Phase) Features**

- Circle Thermal Motor Protector: Protects against overheating, over amperage & run-dry
- Anti-Wicking Block: Prevents water incursion due to capillary wicking should the power cable be damaged or the end submerged
- Oil Lifter: Lubricates the seal faces and extends seal life by ten times using no additional power, even when oil is down to 1/3 normal level.
- Dual inside mechanical seals with silicon carbide faces, (both top and bottom) running in an oil filled chamber provides for the most durable seal design available
- High Chrome Iron Semi-Open Impeller resists wear from abrasive particles
- Synthetic Rubber Pump Casting: For wear resistance and easy maintenance
- V-Ring System: Protects the shaft seals

**Optional Accessories - See page 28-31**

- Float switch TS-304
- Discharge hoses
- Quick connect fittings
- Control panel
- 2” discharge

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Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Output (HP)</th>
<th>Phase</th>
<th>Discharge Bore (inch)</th>
<th>Cable Length (ft)</th>
<th>Dimension (inch)</th>
<th>Continuous Running Water Level (inch)</th>
<th>Shipping Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB-1500</td>
<td>2</td>
<td>Single</td>
<td>3 (2)*</td>
<td>50</td>
<td>7 3/8</td>
<td>23 5/16</td>
<td>3 1/8</td>
</tr>
<tr>
<td>LBT-1500</td>
<td>2</td>
<td>Three</td>
<td>3 (2)*</td>
<td>50</td>
<td>7 3/8</td>
<td>23 5/16</td>
<td>3 1/8</td>
</tr>
</tbody>
</table>

*2” is optional