BP-46 and BP-46-230 Condensate Pump

Purpose

The DiversiTech Boiler Pump is designed to automatically remove the water produced by condensing furnace and boilers that produce high temperature condensate. Can also be used for air conditioning evaporation coils, especially when high lift is required. These pumps can also be used for other types of fresh water removal from refrigeration equipment, dehumidifiers, water dispensers, etc. where gravity drainage is impossible.

Advantages

With a 1 gallon tank, this pump is constructed from a heat resistant plastic and can handle water temperatures up to 212°F. This pump incorporates thermal overload protection and an independent high level alarm switch / boiler interlock. The check valve to prevent condensate flowing back into the pump and odours from drain pipes.

Features

• Suitable for condensate up to 212°F
• Independent high-level safety switch
• Maximum flow 204 gal/hr
• Maximum head 46'
• Withstands acidic condensate down to 2.8ph

Maximum Condensate Temperature

• Suitable for condensate up to 212°F

Rated Voltage

• BP-46 : 115VAC 60Hz
• BP-46-230 : 230VAC 60Hz

Alarm Contact Ratings

• 240VAC 3A Dry Contact

Input Type

• USA 3-Prong molded plug (120VAC)
• NEMA 6-15 plug (230VAC)

Maximum Lift Height

• 46' Vertical Lift

Flow Rate @ Zero Head

• BP-46 & BP-46-230 : 204 gal/hr

Dimensions

• BP-46: L:12.8” x W:6.3” x H:9.8”

Discharge Line

• 3/8”

Tank Capacity

• BP-46: 1 Gallon

Included Accessories

• Installed Independent High Level Safety Switch

Warranty

• 2 Years

<table>
<thead>
<tr>
<th>Height</th>
<th>Inlet Height</th>
<th>Inlet Size</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>Cable Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.8 in</td>
<td>4.5 in</td>
<td>1.2 in</td>
<td>12.8 in</td>
<td>6.3 in</td>
<td>6.8 lbs</td>
<td>5.9 ft</td>
</tr>
</tbody>
</table>

PRV Discharge should be routed through tundish before entering the pump.

DOC30615
www.diversitech.com
1.800.995.2222
# Package Metrics

**Producer of Goods:** DiversiTech  
**Domestic/Foreign:** Foreign  
**Commodity:** Foreign

## SKU Specific Package Metrics

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Lift</th>
<th>UPC</th>
<th>Order Multiple</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP-46</td>
<td>120V</td>
<td>46'</td>
<td>0095247160525</td>
<td>1</td>
</tr>
<tr>
<td>BP-46-230</td>
<td>240V</td>
<td>46'</td>
<td>0095247160532</td>
<td>1</td>
</tr>
</tbody>
</table>

### BP-46 Performance Curve

![BP-46 Performance Curve](image1)

### BP-46-230 230V Performance Curve

![BP-46-230 230V Performance Curve](image2)