280-SERIES
Cast Iron Submersible Sump/Effluent Pump

1/2 hp
1-1/2" Discharge
3/4" Solids Handling

Features

• Liberty Pumps unique, one-piece “Uni-Body” casting
• Quick-connect 10’ standard power cord allows replacement of cord in seconds without breaking seals to motor (other lengths available)
• Permanently lubricated upper and lower bearings
• Oil-filled, hermetically sealed motor with thermal overload protection
• Stainless-steel removable bottom screen
• Stainless-steel rotor shaft
• Stainless-steel fasteners

115V Models

280 Manual
281 Wide-Angle Float Switch with Quick-connect
283 Wide-Angle Float Switch, Series Plug
287 Vertical Magnetic Float (VMF) Switch for heavy-duty sump pump applications

208–230V Models

280HV Manual
281HV Wide-Angle Float Switch with Quick-connect
283HV Wide-Angle Float Switch, Series Plug
287HV Vertical Magnetic Float (VMF) Switch

Wide-angle float switches are mercury-free, mechanically activated.
Models 281, 283
14”

Model 287
10”

The Model 283 features a fully adjustable wide-angle float switch. Differential adjustments can be made easily by tethering the float switch to the discharge pipe or other mounting point. Vertical float switch Model 287 is not adjustable.

<table>
<thead>
<tr>
<th>Model</th>
<th>10’</th>
<th>25’(-2)</th>
<th>35’(-3)</th>
<th>50’(-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td>Standard</td>
<td>Optional</td>
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<tr>
<td>281</td>
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<tr>
<td>283</td>
<td>Standard</td>
<td>Optional</td>
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</tr>
<tr>
<td>287</td>
<td>Standard</td>
<td>Optional</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

10’ cord length standard on all models. For optional lengths, add “-2, -3 or -5” suffix to model number.

Example: for model 280 with 35’ cord, order 280-3

140°F (60°C) Intermittent
104°F (40°C) Continuous duty

Oil-Filled; Thermally Protected (PSC) Permanent Split Capacitor

Class 25 cast iron

29 lbs
13”
10” (Model 287)

Stainless

Stainless

Unitized ceramic carbon

Vortex style engineered polymer

Powder coat

Upper and lower ball bearings

The Model 283 features a fully adjustable wide-angle float switch. Differential adjustments can be made easily by tethering the float switch to the discharge pipe or other mounting point. Vertical float switch Model 287 is not adjustable.

10' cord length standard on all models. For optional lengths, add “-2, -3 or -5” suffix to model number.

Example: for model 280 with 35' cord, order 280-3

60 Hz, 3450 RPM