**SJE VERTICALMASTER® Pump Switch**

Mechanically-activated switch designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.

This mechanically-activated pump switch is designed to operate in non-potable water and sewage applications with limited space. It works well in small sump chambers, effluent applications, and laundry trays, as well as in large tanks.

The SJE VerticalMaster® pump switch is not sensitive to turbulence.

It is available for pump down applications only.

**FEATURES**

- Heavy-duty contacts.
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- Adjustable pumping range of .75 to 6.5 inches (2 to 17 cm).
- Includes standard boxed packaging.
- UL Recognized for use in non-potable water and sewage.
- CSA Certified.
- Five-year limited warranty.

**SPECIFICATIONS**

- **CABLE:** flexible 16 gauge, 2 conductor (UL, CSA) SJOW or SJTOW, water-resistant (CPE)
- **MOUNTING BRACKET & HOSE CLAMP:** stainless steel
- **LIFT ROD:** injection molded acetal plastic
- **FLOAT STOP:** neoprene
- **SWITCH AND FLOAT HOUSING:** high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 125°F (52°C)
- **OVERALL DIMENSIONS:** 12 inch high x 5 inch x 3 inch wide (30.5 cm high x 12.7 cm x 7.6 cm wide)
- **SWITCH HOUSING DIMENSIONS (EXCLUDING CABLE ENTRANCE):** 2 inch high x 2.8 inch wide (5 cm high x 7.1 cm wide)
- **FLOAT HOUSING DIMENSIONS:** 2.3 inch high x 2.7 inch wide (5.8 cm high x 6.9 cm wide)

**ELECTRICAL:**

**120 VAC 50/60Hz Single Phase:**
- Maximum Pump Running Current: 13 amps
- Maximum Pump Starting Current: 60 amps
- Recommended Pump HP: 1/2 HP or less

**230 VAC 50/60Hz Single Phase:**
- Maximum Pump Running Current: 12 amps
- Maximum Pump Starting Current: 60 amps
- Recommended Pump HP: 1 HP or less

**NOTE:** This switch must be used with pumps that provide integral thermal overload protection.

**OPTIONS**

This switch is available:

- with a 120 VAC or 230 VAC piggy-back plug.
- without a plug for direct wiring in 120 VAC or 230 VAC applications.
- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available).

**SEE REVERSE SIDE FOR ORDERING INFORMATION.**
SJE VERTICALMASTER® Pump Switch

Mechanically-activated pump switch designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PUMP DOWN ONLY</th>
<th>Description</th>
<th>List Price</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003590</td>
<td>10VMWP</td>
<td>$79.46</td>
<td>1.73 lbs.</td>
</tr>
<tr>
<td>1003772</td>
<td>10VM2WP</td>
<td>$82.08</td>
<td>1.77 lbs.</td>
</tr>
<tr>
<td>1003776</td>
<td>10VMWOP</td>
<td>$70.02</td>
<td>1.65 lbs.</td>
</tr>
<tr>
<td>1003769</td>
<td>15VM1WP</td>
<td>$83.50</td>
<td>2.08 lbs.</td>
</tr>
<tr>
<td>1003773</td>
<td>15VM2WP</td>
<td>$86.24</td>
<td>2.12 lbs.</td>
</tr>
<tr>
<td>1003777</td>
<td>15VMWOP</td>
<td>$74.16</td>
<td>2.00 lbs.</td>
</tr>
<tr>
<td>1003770</td>
<td>20VM1WP</td>
<td>$87.65</td>
<td>2.43 lbs.</td>
</tr>
<tr>
<td>1003774</td>
<td>20VM2WP</td>
<td>$90.35</td>
<td>2.47 lbs.</td>
</tr>
<tr>
<td>1003778</td>
<td>20VMWOP</td>
<td>$78.29</td>
<td>2.35 lbs.</td>
</tr>
<tr>
<td>1003771</td>
<td>30VM1WP</td>
<td>$96.66</td>
<td>3.13 lbs.</td>
</tr>
<tr>
<td>1003775</td>
<td>30VM2WP</td>
<td>$99.59</td>
<td>3.17 lbs.</td>
</tr>
<tr>
<td>1003779</td>
<td>30VMWOP</td>
<td>$87.32</td>
<td>3.05 lbs.</td>
</tr>
</tbody>
</table>

1 = 120 VAC     2 = 230 VAC     WP = With Plug     WOP = Without Plug

NOTE: Descriptions are grouped by cable length measured in feet (10, 15, 20, 30).

OPTIONS

MOUNTING BRACKET AND HOSE CLAMP are standard.

PACKAGING
Boxed - standard

SPECIFICATIONS

PUMPING RANGE: 0.75 to 6.5 inches (2 cm to 17 cm)

CABLE: flexible 16 gauge, 2 conductor (UL, CSA) SJOW or SJTOW, water-resistant (CPE).

MOUNTING BRACKET AND CLAMP: stainless steel

LIFT ROD: injection molded acetal plastic

FLOAT STOP: neoprene

SWITCH AND FLOAT HOUSING: high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 125°F (52°C)

- Overall dimensions: 12 inch high x 5 inch x 3 inch wide (30.5 cm x 12.7 cm x 7.6 cm)
- Switch housing dimensions: 2 inch high x 2.8 inch diameter (5 cm x 7.1 cm)
- Float housing dimensions: 2.3 inch high x 2.8 inch diameter (5.8 cm x 6.9 cm)

ELECTRICAL:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Max. Pump Run Current</th>
<th>Max. Pump Start Current</th>
<th>Recommended Pump HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 VAC</td>
<td>12 amps</td>
<td>60 amps</td>
<td>1/2 HP or less</td>
</tr>
<tr>
<td>230 VAC</td>
<td>13 amps</td>
<td>60 amps</td>
<td>1 HP or less</td>
</tr>
</tbody>
</table>

OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying.

DIRECT WIRING
Units used for direct wiring (without plug) may be used in either 120 VAC or 230 VAC applications within specified amp ratings.

Call or fax your order!
I-888-DIAL-SJE (1-888-342-5753) • Fax 218-847-4617

www.sjerhombus.com customer.service@sjeinc.com

© 2018 SJE, Inc. All Rights Reserved.
SJE RHOMBUS is a trademark of SJE, Inc.