

# SJE PUMPMASTER® Pump Switch

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

This mechanically-activated, wide-angle pump switch provides automatic control of pumps in:

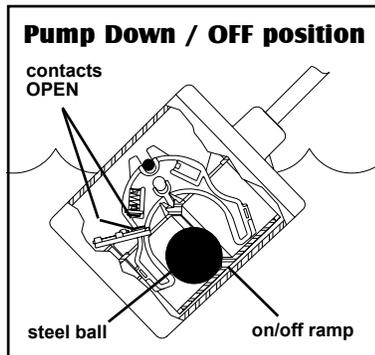
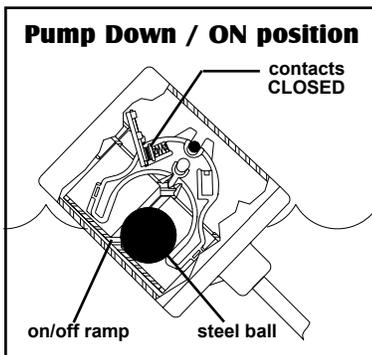
- potable water
- water
- sewage applications

The SJE PumpMaster® pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



## FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- Heavy-duty contacts.
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- Adjustable pumping range of 7 to 36 inches (18 to 91 cm).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in water and sewage.
- CSA Certified.
- Three-year limited warranty.



## OPTIONS

This switch is available:

- for pump down or pump up applications as specified by part number.
- 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).

## SPECIFICATIONS

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

**FLOAT:** 3.05 inch diameter x 3.56 inch long (7.75 x 9.04 cm) high impact, corrosion resistant, PVC housing for use in sewage and water up to 140°F (60°C)

### ELECTRICAL:

#### 120 VAC 50/60Hz Single Phase:

**Maximum Pump Running Current:**

13 amps

**Maximum Pump Starting Current:**

85 amps

**Recommended Pump HP:**

1/2 HP or less

#### 230 VAC 50/60Hz Single Phase:

**Maximum Pump Running Current:**

13 amps

**Maximum Pump Starting Current:**

85 amps

**Recommended Pump HP:**

1 HP or less

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

SEE BACKSIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.

**SJE**  
**Rhombus**

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## ORDERING INFORMATION

PUMP DOWN ↓		PUMP UP ↑		Shipping Weight
Part #	Description	Part #	Description	
1002630	10PMD1WP	1002707	10PMU1WP	1.64 lbs.
1002714	10PMD2WP	1002709	10PMU2WP	1.68 lbs.
1002712	10PMDWOP	1002706	10PMUWOP	1.56 lbs.
1002715	15PMD1WP	1002721	15PMU1WP	1.89 lbs.
1002717	15PMD2WP	1002723	15PMU2WP	1.93 lbs.
1002719	15PMDWOP	1002725	15PMUWOP	1.82 lbs.
1002727	20PMD1WP	1002733	20PMU1WP	2.28 lbs.
1002729	20PMD2WP	1002735	20PMU2WP	2.32 lbs.
1002731	20PMDWOP	1002737	20PMUWOP	2.20 lbs.
1002739	30PMD1WP	1002745	30PMU1WP	2.94 lbs.
1002741	30PMD2WP	1002747	30PMU2WP	2.99 lbs.
1002743	30PMDWOP	1002749	30PMUWOP	2.86 lbs.

## OPTIONS

**MOUNTING CLAMP** is standard - deduct optional

**CABLE WEIGHT MOUNTING** Is also available.

**PACKAGING**  
**Boxed** - standard  
**Bagged** - optional  
**Bulk** - optional

**ADDITIONAL CABLE**  
 Additional cable length over 30 feet is available.

UL Recognized for Water & Sewage



D = Pump Down U = Pump Up 1 = 120VAC 2 = 230VAC  
 WP = With Plug WOP = With Out Plug

**NOTE:** Descriptions are grouped by cable length measured in feet (10, 15, 20, 30).  
**SEE PRICE BOOK FOR LIST PRICE.**

Passed NSF standard 61 protocol by an approved Water Quality Association laboratory.



## SPECIFICATIONS

**PUMPING RANGE:** 7 to 36 inches (18 cm to 91 cm)

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

**FLOAT:** 3.05 inch diameter x 3.56 inch long (7.75 cm x 9.04 cm), high impact, corrosion resistant, PVC housing for use in sewage and water up to 140°F (60°C)

### ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
120 VAC	13 amps	85 amps	1/2 HP or less
230 VAC	13 amps	85 amps	1 HP or less

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

## OTHER INFORMATION

**PUMP DOWN** is normally open contacts for emptying in potable water, water, and sewage applications.

**PUMP UP** is normally closed contacts for filling in potable water, water, and sewage applications.

### DIRECT WIRING

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



[www.sjrhombus.com](http://www.sjrhombus.com)  
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**Call or fax your order!**  
**1-888-DIAL-SJE (1-888-342-5753) Fax 218-847-4617**