

# 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:

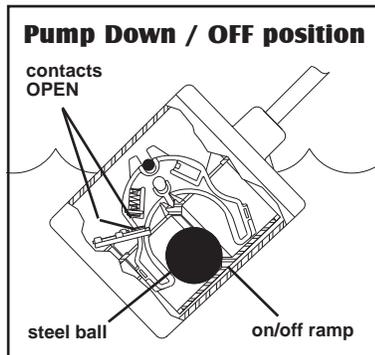
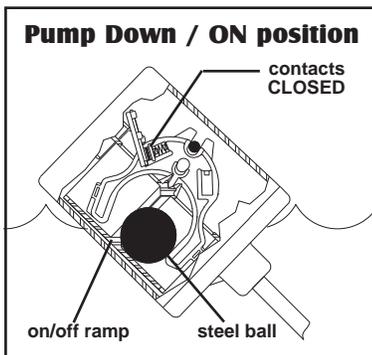
- potable water
- water
- sewage applications

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.

**SJE**  
**Rhombus**

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PUMP SWITCHES  
(MECHANICAL)

# 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.

## ORDERING INFORMATION

PUMP DOWN ↓		PUMP UP ↑		List Price	Shipping Weight
Part #	Description	Part #	Description		
1002630	10PMD1WP	1002707	10PMU1WP	\$58.45	1.64 lbs.
1002714	10PMD2WP	1002709	10PMU2WP	\$60.49	1.68 lbs.
1002712	10PMDWOP	1002706	10PMUWOP	\$51.32	1.56 lbs.
1002715	15PMD1WP	1002721	15PMU1WP	\$61.59	1.89 lbs.
1002717	15PMD2WP	1002723	15PMU2WP	\$63.64	1.93 lbs.
1002719	15PMDWOP	1002725	15PMUWOP	\$54.47	1.82 lbs.
1002727	20PMD1WP	1002733	20PMU1WP	\$64.88	2.28 lbs.
1002729	20PMD2WP	1002735	20PMU2WP	\$66.80	2.32 lbs.
1002731	20PMDWOP	1002737	20PMUWOP	\$57.62	2.20 lbs.
1002739	30PMD1WP	1002745	30PMU1WP	\$71.57	2.94 lbs.
1002741	30PMD2WP	1002747	30PMU2WP	\$73.61	2.99 lbs.
1002743	30PMDWOP	1002749	30PMUWOP	\$64.45	2.86 lbs.

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).

## OPTIONS

**MOUNTING CLAMP is standard.**

If mounting clamp is not required, specify and deduct 60¢ from list price.

**CABLE WEIGHT MOUNTING**

Is also available.

**PACKAGING**

**Boxed** - Standard

**Bagged** - Specify and deduct 40¢ from list price.

**Bulk** - Specify and deduct 60¢ from list price.

**ADDITIONAL CABLE**

Additional cable length over 30 feet is available at 80¢ per foot (list price).

UL Recognized for Water & Sewage



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  
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Call or fax your order!  
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