

# 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:

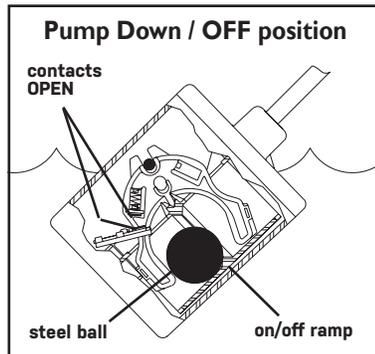
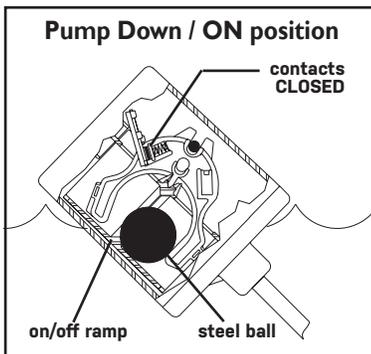
- water
- sewage applications

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



## FEATURES

- 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 non-potable water and sewage.
- CSA Certified.
- Five-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.

California Prop 65 requires the following:  WARNING Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**SEE REVERSE SIDE FOR ORDERING INFORMATION.**

**SEE PRICE BOOK FOR LIST PRICE.**



**SJE RHOMBUS.**

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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 ↑		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.
1036754	15PMD1WP-QF*	--	--	1.95 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.

D = Pump Down U = Pump Up 1 = 120VAC 2 = 230VAC

WP = With Plug WOP = With Out Plug

\*QF = Quick Fit (CSA certified only)

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

SEE PRICE BOOK FOR LIST PRICE.

## OPTIONS

**MOUNTING CLAMP**  
is standard - deduct optional

**CABLE WEIGHT MOUNTING**  
Is also available.

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

**ADDITIONAL CABLE**  
Longer cable lengths available. Please call for details.

UL Recognized for  
Water & Sewage



LR54245



## 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 water and sewage applications.

**PUMP UP** is normally closed contacts for filling in 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.



**SJE RHOMBUS.**

www.sjerrhombus.com  
customer.service@sjerinc.com

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

Product offering and pricing are subject to change without notice.  
Please visit [www.sjerrhombus.com](http://www.sjerrhombus.com) for the most current information.