

# SJE AMPMASTER® PUMP SWITCH

Mechanically-Activated, Wide-Angle, 20 Amp Rated Switch

The SJE AmpMaster® mechanically-activated, wide-angle 20 amp rated pump switch is designed for direct control of pumps up to 1 1/2 HP at 125 VAC and 3 HP at 250 VAC for

- grinder applications
- high head sewage pump applications
- lift station applications
- septic tank effluent pump (STEP) systems

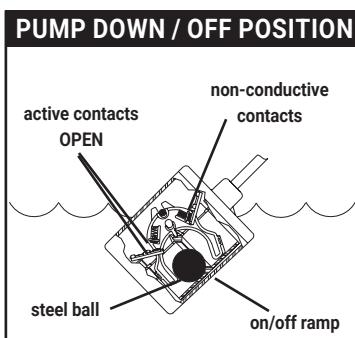
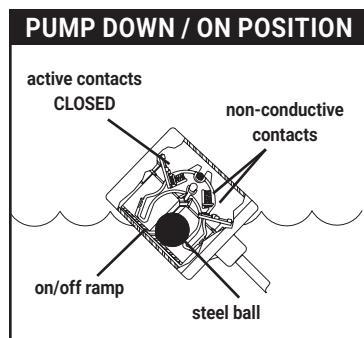
The SJE AmpMaster® pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

It is available for pump down applications only. 



## FEATURES

- Maximum pump running current of 20 amps
- Heavy-duty contacts mounted on high-conductivity copper substrates
- Controls pumps up to 1 1/2 HP at 125 VAC and 3 HP at 250 VAC
- Second set of non-conductive contacts enhance switch activation
- For direct wiring in 125 VAC or 250 VAC applications (piggy-back plug model not available)
- Adjustable pumping range of 9 to 24 inches (23 to 61 cm)
- Includes standard mounting clamp and boxed packaging



## OPTIONS

This switch is available:

- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available)

UL Recognized for Water & Sewage



LR54245



**SJE AMPMASTER® PUMP SWITCH** - Mechanically-activated, wide-angle 20 amp rated switch designed to control pumps up to 1 1/2 HP at 125 VAC and 3 HP at 250 VAC.

Part #	Description (Pump Down - Without Plug Only) 	Shipping Weight	List Price
1006310	10AMDWOP	1.79 lbs.	\$172.89
1006311	15AMDWOP	2.27 lbs.	\$180.96
1006312	20AMDWOP	2.72 lbs.	\$188.96
1006313	30AMDWOP	3.12 lbs.	\$206.30

D = Pump Down WOP = With Out Plug

**MOUNTING CLAMP** is standard.

**PACKAGING: Boxed** - Standard

**ADDITIONAL CABLE:** Longer cable lengths available.

## SPECIFICATIONS

**PUMPING RANGE:** 9 to 24 inches (23 cm to 61 cm)

**CABLE:** flexible 12 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 non-potable water up to 120°F (50°C)

## ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
125 VAC	20 amps	120 amps	1 1/2 HP or less
250 VAC	20 amps	120 amps	3 HP or less

**NOTE:** This switch must be used with pumps that provide integral thermal overload protection. Certain pump applications may require the use of an external capacitor start kit.

A Pump Switch is designed for Horsepower (HP) rated loads and is not suitable for control (pilot duty) applications. It will fail prematurely when switching loads less than 1 Amp at 120 VAC. Select a float switch from our Control Switch offering for control applications.

## OTHER INFORMATION

**PUMP DOWN** is normally open contacts for emptying. Available in pump down version only.

**DIRECT WIRING:** Units may be used with either 125 VAC or 250 VAC applications within specified amp ratings.