

SJE VERTICALMASTER® 3 PLUS PUMP SWITCH

Mechanically-Activated Switch for Limited Space Applications

The SJE VerticalMaster® 3 Plus mechanically-activated pump switch is designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC for

- non-potable water applications
- effluent applications
- limited space applications

It works well in small sump chambers, effluent applications, and laundry trays, as well as in large tanks.

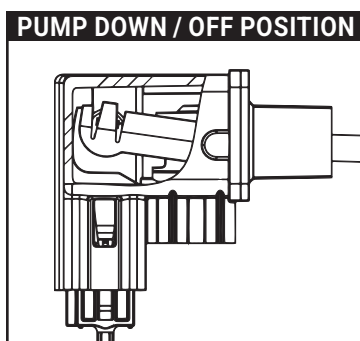
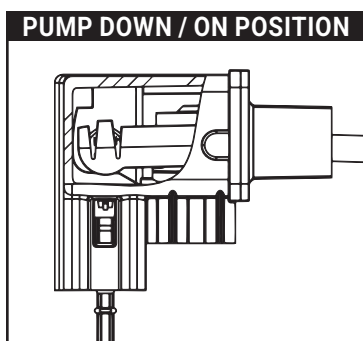
The SJE VerticalMaster® 3 Plus pump switch is not sensitive to turbulence.

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 2 to 6.5 inches (5 to 17 cm)



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



U.S. Patents
D837745-S, 10141141-BS,
D818441-S, D817455-S,
20170250041-A1


Canadian Patent
CA3011555

Canadian Design
174,615; 179,579; 174,614

Foreign Patents Pending



SJE VERTICALMASTER® 3 PLUS 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 in limited space applications.

Part #	Description (Pump Down Only) 	Shipping Weight	List Price
1076764	10VM3P1WP	1.73 lbs.	\$111.03
1076768	10VM3P2WP	1.77 lbs.	\$115.01
1076772	10VM3PWOP	1.65 lbs.	\$97.44
1076765	15VM3P1WP	2.08 lbs.	\$116.70
1076769	15VM3P2WP	2.12 lbs.	\$120.10
1076773	15VM3PWOP	2.00 lbs.	\$103.68
1076766	20VM3P1WP	2.43 lbs.	\$122.36
1076770	20VM3P2WP	2.47 lbs.	\$126.34
1076774	20VM3PWOP	2.35 lbs.	\$109.34
1076767	30VM3P1WP	3.13 lbs.	\$134.83
1076771	30VM3P2WP	3.17 lbs.	\$138.80
1076776	30VM3PWOP	3.05 lbs.	\$121.80

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).

MOUNTING BRACKET and HOSE CLAMP are standard.

PACKAGING: Boxed - Standard

SPECIFICATIONS

PUMPING RANGE: 2 to 6.5 inches (5 cm to 17 cm)

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

MOUNTING BRACKET: polypropylene

LIFT ROD: acetal

FLOAT STOP: acetal

SWITCH AND FLOAT HOUSING: high impact, corrosion resistant, PVC housing for use in effluent and non-potable water up to 140°F (60°C)

- **Switch Housing:** Height 2.6" x Length 3.3" x Width 1.5" (6.6 cm x 8.5 cm x 3.9 cm)
- **Float Housing:** Height 2.87" x Diameter 2.87" (7.3 cm x 7.3 cm)
- **Float Rod Length:** 8.55"

ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
120 VAC 230 VAC	13 amps 13 amps	78 amps 78 amps	1/2 HP or less 1 HP or less

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

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.

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