

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.

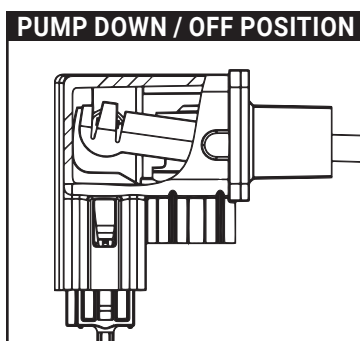
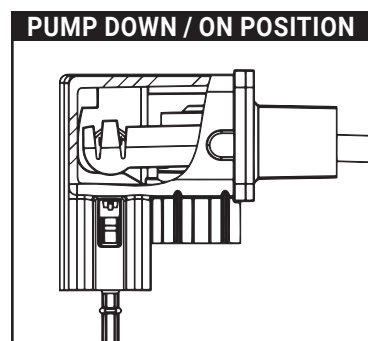
The SJE VerticalMaster® 3 Plus pump switch is not sensitive to turbulence.

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
1076764	10VM3P1WP	1.73 lbs.
1076768	10VM3P2WP	1.77 lbs.
1076772	10VM3PWOP	1.65 lbs.
1076765	15VM3P1WP	2.08 lbs.
1076769	15VM3P2WP	2.12 lbs.
1076773	15VM3PWOP	2.00 lbs.
1076766	20VM3P1WP	2.43 lbs.
1076770	20VM3P2WP	2.47 lbs.
1076774	20VM3PWOP	2.35 lbs.
1076767	30VM3P1WP	3.13 lbs.
1076771	30VM3P2WP	3.17 lbs.
1076776	30VM3PWOP	3.05 lbs.

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.