

DOUBLE FLOAT® Pump Switch

Mercury-activated, wide-angle switch designed to control pumps up to 1 HP at 120 VAC and 2 HP at 230 VAC.

This mercury-activated, wide-angle pump switch provides automatic control of pumps in non-potable water and sewage applications. It is well-suited for confined applications requiring an accurate pumping range. It is not sensitive to rotation or turbulence. This switch is voltage sensitive - use with correct voltage.

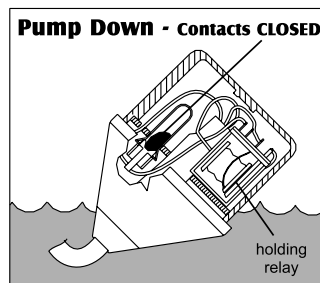
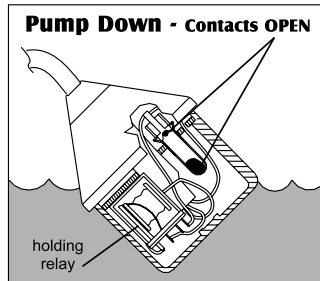
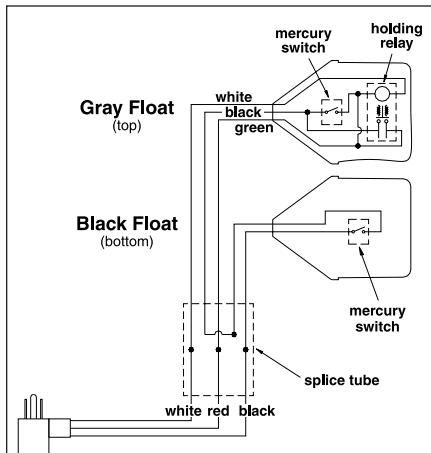
The Double Float® consists of two floats. Each float contains a heavy-duty mercury switch. One of the two floats contains a holding relay which enables the floats to function in series.

The holding relay eliminates pump chatter in turbulent conditions allowing the Double Float® to operate relay control panels for larger pump applications.



FEATURES

- Controls pumps up to 1 HP at 120 VAC and 2 HP at 230 VAC.
- Adjustable pumping range of 4.45 to 122 cm (1.75 to 48 inches).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in non-potable 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 (120 VAC units can only be used with 120 VAC applications within specified amp ratings. 230 VAC units can only be used with 230 VAC applications within specified amp ratings).
- in standard cable lengths of 5 or 10 meters and 10, 20, or 30 feet (longer lengths available).

SPECIFICATIONS

CABLE ATTACHED TO FLOAT HOUSING:
flexible 14 gauge, 2 and 3 conductor SJOW (UL, CSA), water-resistant, (CPE)

CABLE ABOVE SPLICE: flexible 14 gauge, 3 conductor SJWT (UL, CSA), water-resistant, thermoplastic

FLOAT: 8.58 cm diameter x 11.56 cm long (3.38 inch x 4.55 inch), high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 60°C (140°F)

MERCURY SWITCH: mercury-to-mercury contacts, hermetically sealed in a steel capsule

ELECTRICAL:

120 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:
15 amps

Maximum Pump Starting Current:
55 amps

Recommended Pump HP:
746 W (1 HP) or less

230 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:
12 amps

Maximum Pump Starting Current:
35 amps

Recommended Pump HP:
1492 W (2 HP) or less

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



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