ELECTRICAL WARNINGS

⚠ WARNING

ELECTRICAL SHOCK HAZARD
Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

⚠ WARNING

EXPLOSION OR FIRE HAZARD
Do not use with flammable liquids. Install in accordance with ANSI/NFPA 70.

Failure to follow these precautions could result in serious injury or death. Replace product immediately if switch or cable becomes damaged or cracked. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

Adjustable pumping range is 2 to 6.5 inches (5 to 17 cm).

Maximum operating temperature is 140°F (60°C).

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.

PREVENTATIVE MAINTENANCE

- Periodically inspect the product. Check that the cable has not become worn or that the housing has not been damaged so as to impair the protection of the product. Replace the product immediately if any damage is found or suspected.
- Periodically check to see that the float and rod are free to move and operate the switch.
- Use only approved replacement parts.

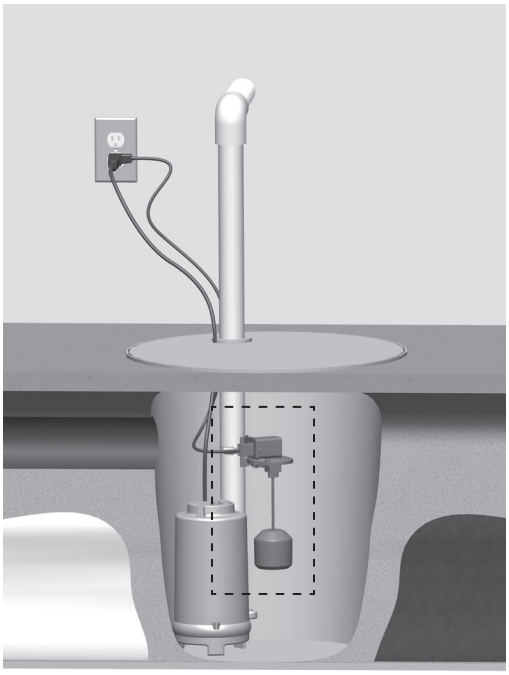
NOTICE!

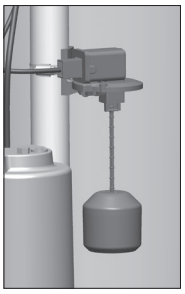
Products returned must be cleaned, sanitized, or decontaminated as necessary prior to shipment to ensure that employees will not be exposed to health hazards in handling said material. All applicable laws and regulations shall apply.

1105528B

Vertical Pump Switch

Installation Instructions





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

VERTICAL FLOAT SWITCH

This mechanically activated pump switch is designed for direct control of pumps in non-potable water applications. It is well suited for applications with limited space such as: small sump chambers, effluent applications, and laundry trays, as well as in large tanks.

It is available for pump down applications only.

ZOELLER® PUMP COMPANY

MAIL TO: P.O. BOX 16347 - Louisville, KY 40256-0347
SHIIP TO: 3649 Cane Run Road - Louisville, KY 40211-1961
(502) 778-2731 ~ 1 (800) 928-PUMP ~ FAX (502) 774-3624

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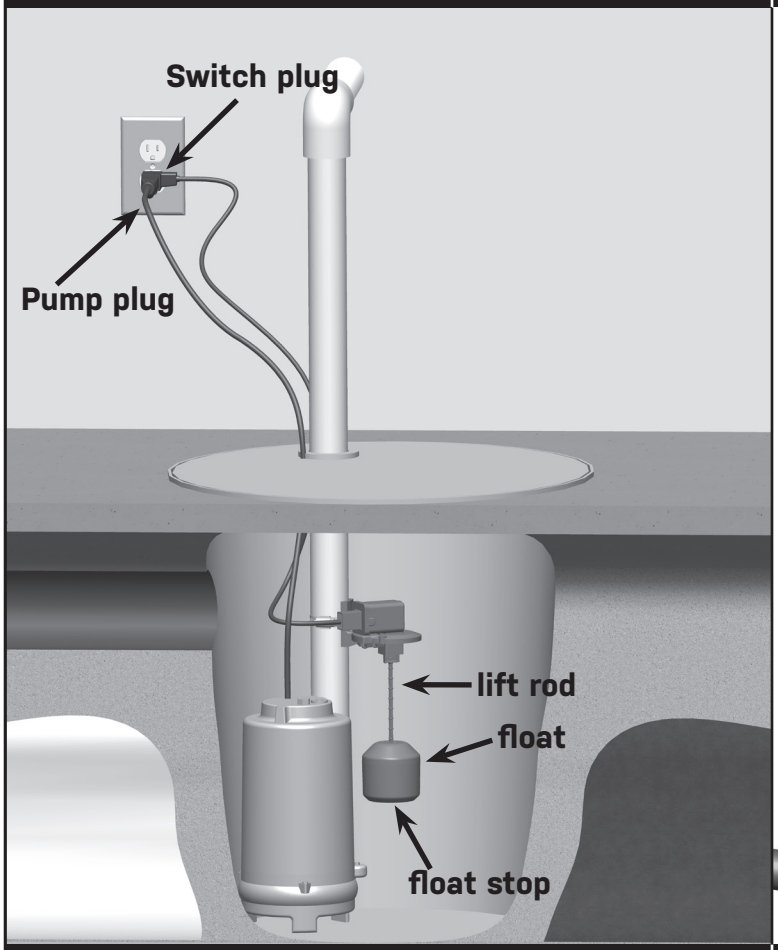
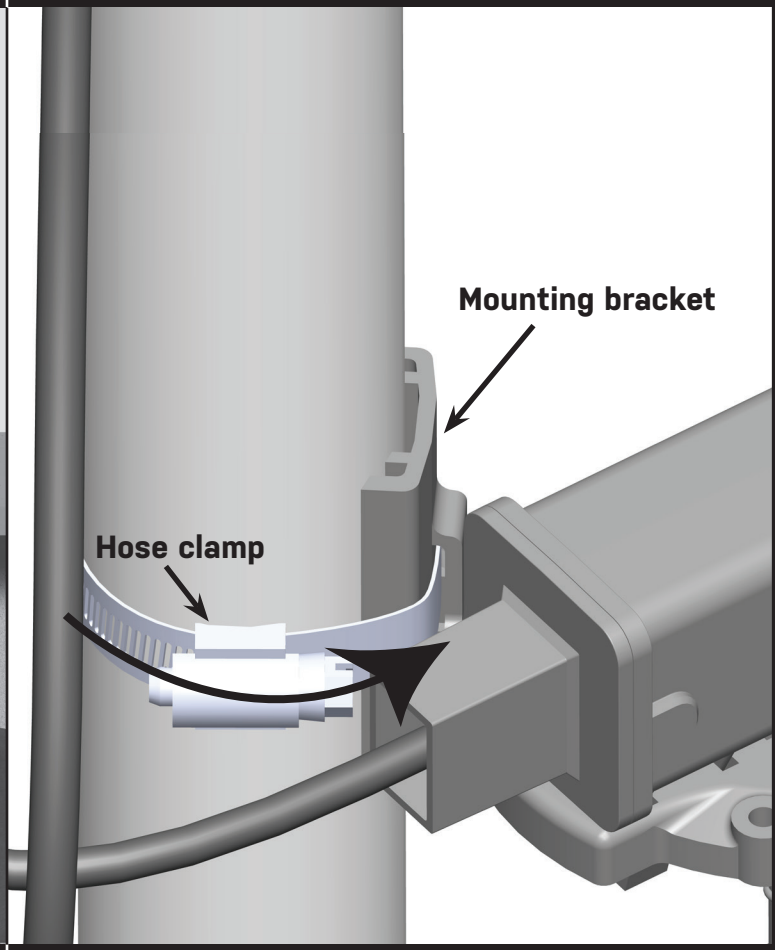
Instl. Instr. PN 1105528B
Printed in USA 02/25

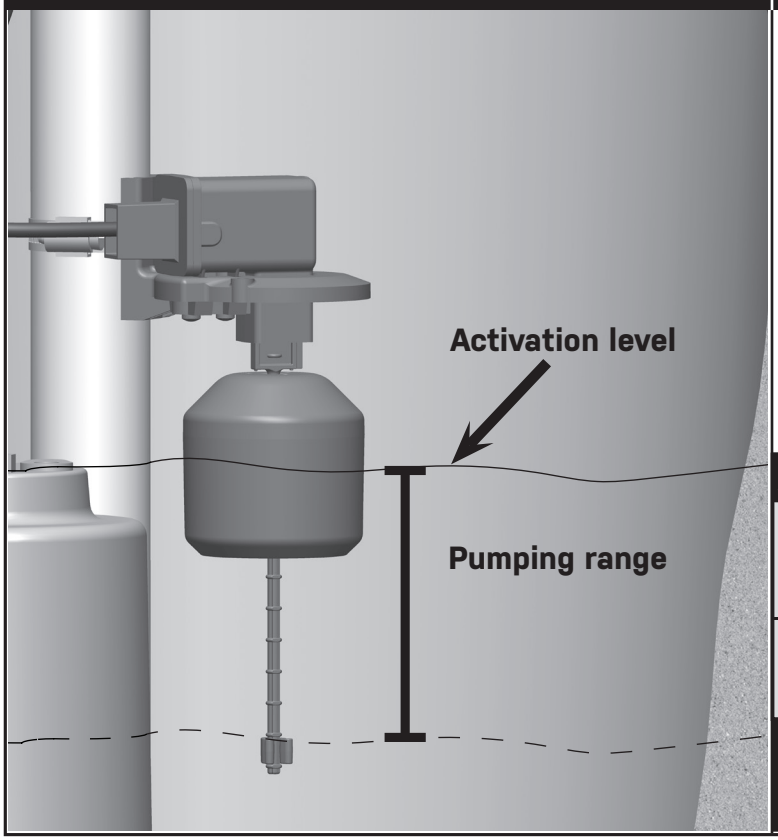
1 Determine location for float switch.



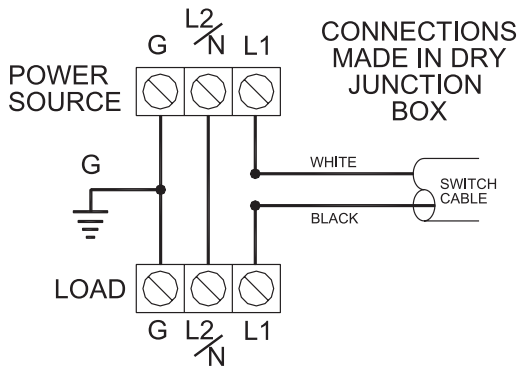
2 Secure float switch to discharge pipe by inserting the hose clamp through the mounting bracket slots and tightening the hose clamp.



3 Adjust pumping range. A second clip or stopper can be added to the rod to change pump range.



4 For units without plugs, connect wires as shown.



⚠ WARNING

In 230 VAC installations, one side of the line going to the load is always **HOT**. This condition exists if the switch is on or off. Install double pole disconnect on all 230 VAC circuits. Ensure cable connections are performed in a **dry** junction box or other watertight seal that seals both conductors and cable jacket. Failure to do so could result in electrical shock hazard and/or water traveling down cable and entering the switch. Failure to guard against this may affect switch performance.

5 Test unit after installation to ensure proper operation.