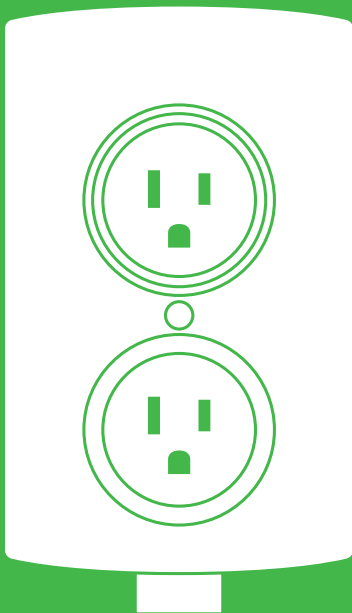




SMART OUTLET 2.0

INSTRUCTION AND OPERATING MANUAL



MODEL: PS0100

GENERAL INFORMATION

To ensure safe and reliable operation, please carefully read this service and installation manual in its entirety before installing and/or using this product. Reasonable care and safe methods in according with sound plumbing practices should be strictly adhered to. Before installation, refer to and understand all relevant local plumbing and electrical codes.

DO NOT THROW AWAY THIS MANUAL. Keep it in a safe place so that you may refer to it for periodic service and maintenance.

SPECIFICATIONS

| | |
|-----------------------|------------------------|
| Input | 120V, 15A, 60Hz |
| Output | 120V, 15A, 60Hz |
| WiFi Radio | 802.11 a/b/g/n 2.4 GHz |
| Operating Temperature | 0 to 158° F |
| Storage Temperature | 0 to 158° F |
| Relative Humidity | 0 to 100% |

SAFETY INFORMATION

⚠ ATTENTION

The PumpSpy Smart Outlet 2.0 is for residential indoor use only.

To reduce the risk of electrical shock, this device must be properly grounded in accordance with the National Electric Code (NEC) and all applicable state and local codes and ordinances. The receptacle used with the PumpSpy Smart Outlet 2.0 should be protected with a Ground Fault Circuit Interrupter (GFCI).

Never remove the ground prong from the PumpSpy Smart Outlet 2.0, or use an adapter that eliminates the ground prong.

Always plug your PumpSpy Smart Outlet 2.0 directly into your wall power outlet. Do not use an extension cord. Extension cords could present a safety hazard if not properly sized, become damaged or the connection falls into the sump pit.

Confirm that your PumpSpy Smart Outlet 2.0 is completely plugged into your wall power outlet and secured with the included hardware. Your device should sit as flush as possible with the wall outlet. If it seems loose, please contact an electrician.

Inspect the power outlet you intend to plug your PumpSpy Smart Outlet 2.0 into. If there is any damage or excessive wear on the outlet, please contact an electrician.

To reduce any risks of damage please read and understand any safety and operation instructions included with the sump pump and other devices you wish to use with your PumpSpy Smart Outlet 2.0.

Do not plug a sump pump or any other device into the PumpSpy Smart Outlet 2.0 if the device's ground prong has been removed or damaged.

Do not plug a sump pump or any other device into the PumpSpy Smart Outlet 2.0 if the device's power cord is cut or damaged.

Do not attempt to disassemble or open the PumpSpy Smart Outlet 2.0. There are no field serviceable parts or repair options.

PRODUCT OVERVIEW



WiFi Setup Button

Use the included tool to push the recessed button.

Status Indicator LED

Provides status information. More details on page 7.

Monitored AC Receptacle

Monitors the connected pump's current draw and runtime.

Wall Plate Screw Hole

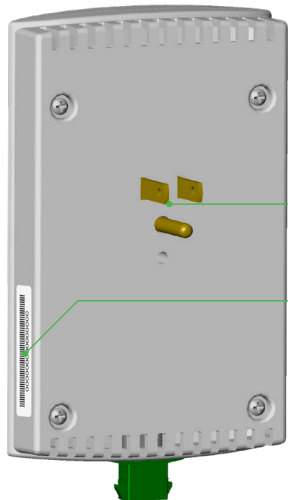
Gives the optional ability to mount to an AC wall outlet.

AC Receptacle (Not Monitored)

Allows other devices to be plugged into AC power.

Float Switch Connection

The connection for the included High Water Float Switch.



AC Connection Prongs

Connects the device to AC power.

Device ID

The unique device identification number.

INCLUDED COMPONENTS



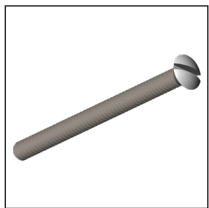
Smart Outlet 2.0

Monitors any connected 120VAC pump. Monitoring data is accessible within the PumpSpy app on iOS and Android devices.



High Water Float Switch

Activates when there is a high water level within the sump basin. Includes hardware to mount to a discharge pipe.



Wall Plate Screw

Inserts into the wall plate screw hole and then screwed into an AC wall outlet.

UNPACKING

Inspect this device before beginning installation. Occasionally, products are damaged during shipping. If the outlet or any components are damaged, contact PumpSpy Technical Customer Support: **(833) 786-7779 | support@pumpspy.com**

INSTALLATION

ⓘ ATTENTION

Before installing the PumpSpy Smart Outlet 2.0, verify that your sump pump is in good working condition. Replace the sump pump if necessary.

1. Download the PumpSpy app from the App Store (iOS devices) or Google Play (Android devices).
2. Unplug your sump pump and any other cords from the AC wall outlet.
3. Plug the Smart Outlet 2.0 into the AC wall outlet. Secure the Smart Outlet 2.0 to the AC wall outlet with the included mounting screw if desired.
4. Open the PumpSpy app and follow the on-screen instructions to connect the Smart Outlet 2.0 to a WiFi network.
5. Plug your sump pump and float activation switch (if applicable) to the top receptacle on the Smart Outlet 2.0. Connect any other desired devices to the bottom receptacle on the Smart Outlet 2.0.
6. Install the High Water Float Switch at least 1" higher than the "on" level of the main sump pump. More details on Page 8. Use a screwdriver to secure the hose clamp to the discharge pipe. Connect the High Water Float Switch to the bottom of the Smart Outlet 2.0 at the green connection.

Download the PumpSpy app to begin

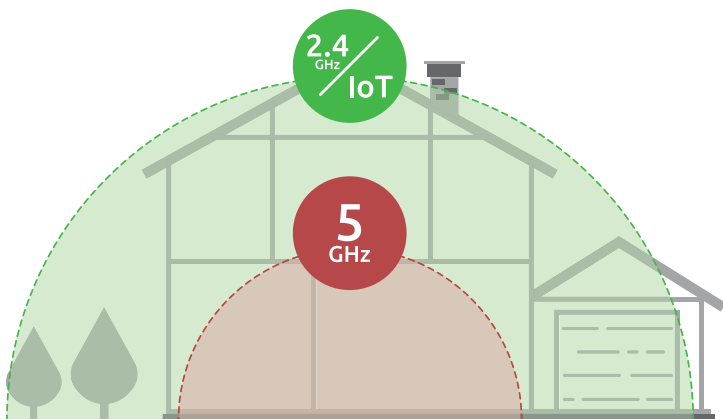


! ATTENTION

To put the PumpSpy Smart Outlet 2.0 in WiFi setup mode, the recessed WiFi setup button within the spyglass of the PumpSpy icon should be pressed with the included tool for 3-5 seconds. When done correctly, the Status Indicator LED will turn amber.

! ATTENTION

The PumpSpy Smart Outlet 2.0 is only compatible with 2.4 GHz or IoT (Internet of Things) networks. 5 GHz networks do not offer a sufficient coverage range.



STATUS INDICATOR LED

The PumpSpy Smart Outlet 2.0 contains a Status Indicator LED ring around the top outlet receptacle. The color of the Status Indicator LED can be Solid Green, Solid Amber, Solid Red, or Blinking Red.

Each color has a specific meaning.



Solid Green

- “All clear” status.
- No active alerts.
- Connected to WiFi.



Solid Amber

- In WiFi setup mode.
- The device will be in WiFi setup mode for 5 minutes before timing out.



Solid Red

- An alert is active.
- OR-
- Not connected to a WiFi network.



Blinking Red

- The device timed out of WiFi setup mode.
- OR-
- The device is searching for a WiFi network. This happens after entering a network’s credentials.

ALERTS

The PumpSpy Smart Outlet 2.0 will monitor the connected pump and send alerts when problems arise.

High Water

This alert is triggered when the High Water Float Switch is activated. Inspect the pump for proper operation.

Excess Runtime

The monitored pump has been running more than 5 minutes. Inspect the pump for a stuck float switch or a blocked discharge.

Excess Current Draw

The monitored pump is drawing more current than normal. Inspect the pump for proper operation or a blocked discharge.

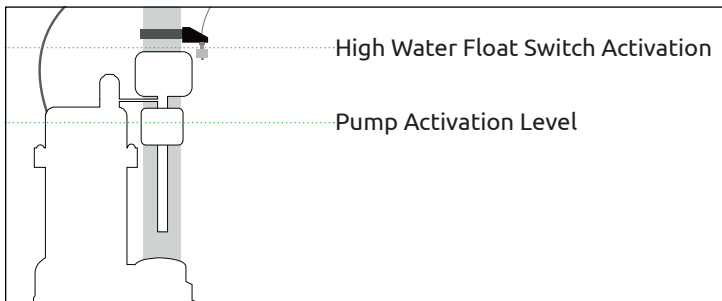
AC Power Loss

The connection to AC power has been lost. If other devices have power, inspect for a tripped GFCI or breaker.

WiFi Connection Loss

The connection to a WiFi network has been lost. Confirm that the router and modem have power and an Internet connection.

HIGH WATER FLOAT SWITCH DIAGRAM



COMPLIANCE

This device complies with part 15 of the FCC and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's warranty.

LIMITED THREE-YEAR WARRANTY

WHAT THIS WARRANTY COVERS

When used and maintained in normal use and in accordance with the Installation and Operating Instructions, your PumpSpy® product is warranted against original defects in material and workmanship for a full three years from date of purchase (the “Warranty Period”). During the warranty period, PumpSpy will repair or replace at no cost to you, to correct such defects in products found upon examination by PumpSpy to be defective in materials or workmanship.

WHAT THIS WARRANTY DOES NOT COVER

This warranty does not cover use of the product in a non-residential application, improper installation and/or improper maintenance of the product, damage due to misuse, acts of God, nature, vandalism or other acts beyond the control of PumpSpy, owner’s acts or omissions, use outside the country in which the product was initially purchased and resales of the product by the original owner. This warranty does not cover pick up, delivery, transportation or house calls. However, if you mail your product to PumpSpy for warranty service, cost of shipping will be paid one way. This warranty does not cover products purchased from a party that is not an authorized retailer, dealer, or distributor of PumpSpy products.

OTHER IMPORTANT TERMS

This warranty is not transferable and may not be assigned. This warranty shall be governed and construed under the laws of the state of Michigan. The warranty period will not be extended by any replacement or repair performed under this warranty. THIS WARRANTY IS THE EXCLUSIVE WARRANTY AND REMEDY PROVIDED BY PumpSpy. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT WILL PumpSpy BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND OR NATURE TO OWNER OR ANY PARTY CLAIMING THROUGH OWNER WHETHER BASED IN CONTRACT, NEGLIGENCE, TORT OR STRICT PRODUCTS LIABILITY OR ARISING FROM ANY CAUSE WHATSOEVER. Some states do not allow for the exclusion of consequential damages, so the above exclusion may not apply to you. This warranty gives you specific rights. You may also have others that vary state to state.



2723 Kersten Ct.
Kalamazoo, MI 49048
1-833-PUMPSPY

www.PumpSpy.com

© 2023 PumpSpy. All Rights Reserved.

96403-02