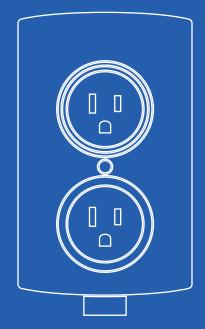# FLOODSTOP
IPS CORPORATION

Pump Monitor

INSTRUCTION AND OPERATING MANUAL

Model: FSPM

FloodStop® Pump Tech Support: 1-833-786-7779

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 FloodStop® Pump Monitor 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 FloodStop® Pump Monitor should be protected with a Ground Fault Circuit Interrupter (GFCI).

Never remove the ground prong from the FloodStop® Pump Monitor, or use an adapter that eliminates the ground prong.

Always plug your FloodStop® Pump Monitor 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 FloodStop® Pump Monitor 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 FloodStop® Pump Monitor into. If there is any damage or excessive wear on the outlet, please contact an electrician.
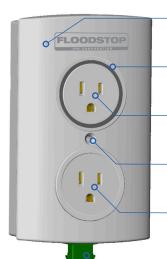
To reduce any risks of damage please read and understand any safety and operation instructions included with the sump pump and other devices you wish to use with your FloodStop® Pump Monitor.

Do not plug a sump pump or any other device into the FloodStop® Pump Monitor if the device's ground prong has been removed or damaged.

Do not plug a sump pump or any other device into the FloodStop® Pump Monitor if the device's power cord is cut or damaged.

Do not attempt to disassemble or open the FloodStop® Pump Monitor. 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)
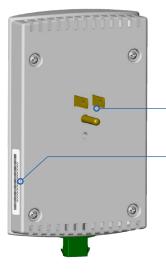Allows other devices to be plugged into AC power.

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

Pump Monitor
Monitors any connected 120VAC pump. Monitoring data is accessible within the FloodStop® 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 FloodStop® Pump Technical Customer Support: **(269) 743-2260.**

INSTALLATION

⚠ ATTENTION

Before installing the FloodStop® Pump Monitor, verify that your sump pump is in good working condition. Replace the sump pump if necessary.

1. Download the FloodStop® 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 Pump Monitor into the AC wall outlet. Secure the Pump Monitor to the AC wall outlet with the included mounting screw if desired.

4. Open the FloodStop® app and follow the on-screen instructions to connect the Pump Monitor to a WiFi network.

5. Plug your sump pump and float activation switch (if applicable) to the top receptacle on the Pump Monitor. Connect any other desired devices to the bottom receptacle on the Pump Monitor.

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 Pump Monitor at the green connection.
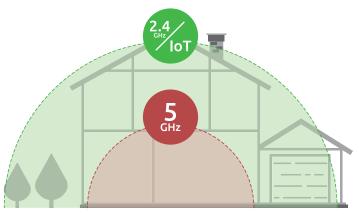
⚠ ATTENTION

To put the FloodStop® Pump Monitor in WiFi setup mode, the recessed WiFi setup button located in the upper left corner of the outlet face should be pressed with the included tool for 3-5 seconds. When done correctly, the Status Indicator LED will turn amber.

⚠ ATTENTION

The FloodStop® Pump Monitor 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 FloodStop® Pump Monitor 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 FloodStop® Pump Monitor will monitor the connected pump, relative humidity, and relative temperature. Pump alerts are sent when problems arise. Edit humidity and temperature alert parameters within the FloodStop® app.

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.

High / Low Humidity
The relative humidity is either higher or lower than the "normal range" parameters.

High / Low Temperature
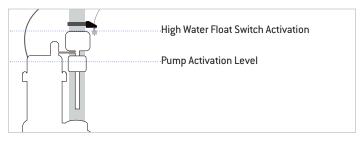The relative temperature is either higher or lower than the "normal range" parameters.

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

High Water Float Switch Activation

Pump Activation Level

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.

TERMS AND CONDITIONS OF SALE

Orders for this product are expressly made conditional on buyer's assent to company's terms and conditions of sale, which can be found at **https://ipscorp.com/pdf/ipsdp-tc.pdf,** or are available upon request by mail. Any terms and conditions in any of buyer's documents that are inconsistent with or add to seller's terms and conditions of sale are hereby rejected and are not binding upon company.

https://ipscorp.com/pdf/ipsdp-tc.pdf

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