

## SEAFLO SFSP-015-02

# SEAFLO SFSP-015-02 3-Way Bilge Pump Panel Rocker Switch Instruction Manual

## 1. INTRODUCTION

---

This manual provides detailed instructions for the installation, operation, and maintenance of the SEAFLO SFSP-015-02 3-Way Bilge Pump Panel Rocker Switch. This panel is designed for marine environments, offering reliable control for bilge pump systems across 12V, 24V, and 32V electrical systems.



Front view of the SEAFLO 3-Way Bilge Pump Panel Rocker Switch, showing the rocker switch and circuit breaker button.

## 2. PRODUCT FEATURES

- **Versatile 3-Way Control:** Manages your bilge pump with three distinct modes: Automatic (for float switch activation), Off (for safety), and Manual (for direct control). The Manual position features a spring return to Off for fail-safe operation.
- **Built-in 15A Circuit Breaker:** Integrates a 15 Amp circuit breaker to protect the bilge pump system from intermittent high currents, ensuring safe and efficient operation without the need for external fuses.
- **LED Indicator:** An integrated LED light activates when the switch is in the 'On' position, providing clear, real-time status updates at a glance.
- **Durable Construction:** Constructed with high-quality black plastic, the panel is resistant to corrosion and wear, making it suitable for harsh marine environments.
- **Multi-Voltage Operation:** Compatible with 12V, 24V, and 32V electrical systems, offering broad flexibility for various marine setups.

**SEAFLO**

# 3 position switch



**1 Auto:**

**2 Off:**

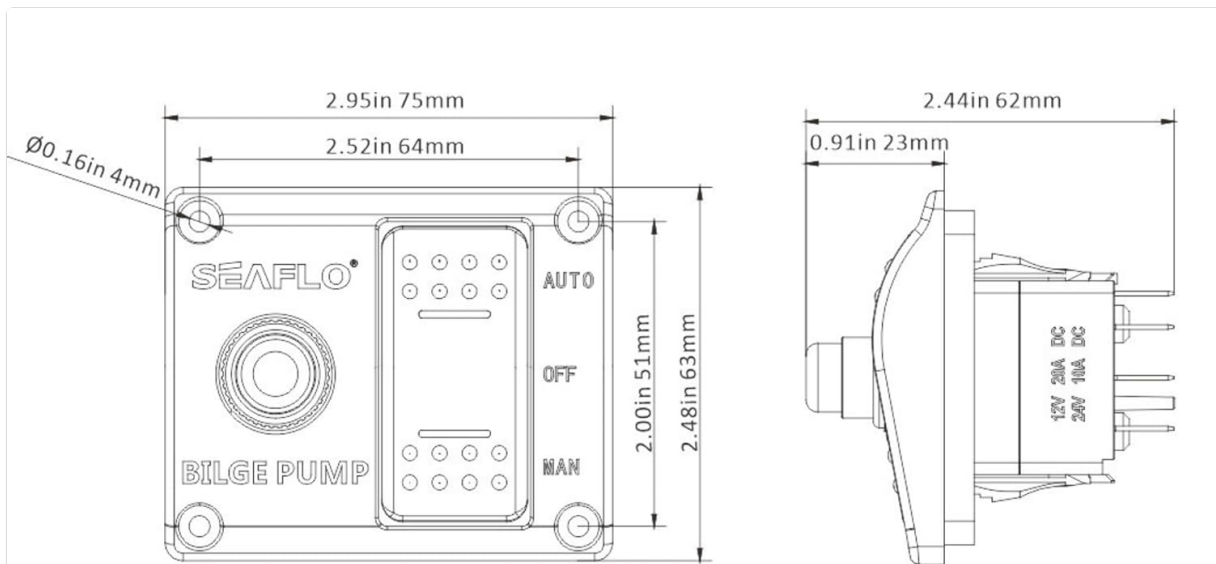
**3 Manual**

Diagram explaining the three positions of the rocker switch: Auto, Off, and Manual.

## 3. SPECIFICATIONS

---

Feature	Specification
Model Number	SFSP-015-02
Voltage Compatibility	12V, 24V, 32V
Circuit Breaker Fuse	15A
Panel Material	Black Plastic
LED Indicator	Yes
Switch Positions	Automatic, Off, Manual (spring return)
Operation Mode	ON-OFF-ON
Contact Type	Normally Open
Connector Type	Screw Terminals
Circuit Type	3-way
Mounting Type	Panel Mount
Product Dimensions (L x W x H)	2.95 x 2.44 x 2.48 inches (75 x 62 x 63 mm)



<b>Model Number</b>	<b>SFSP-015-02</b>
<b>Voltage</b>	<b>12V, 24V, 32V</b>
<b>Fuse</b>	<b>15A</b>
<b>Panel Material</b>	<b>Plastic</b>
<b>LED Light</b>	<b>Yes</b>
<b>Position</b>	<b>Man-Off-Auto</b>

Technical drawing with dimensions and a table listing model number, voltage, fuse, panel material, LED light, and switch positions.

## 4. SETUP AND INSTALLATION

The SEAFLO SFSP-015-02 panel is designed for user-friendly installation and is compatible with most bilge pumps equipped with automatic float switches. Ensure all power is disconnected before beginning installation.

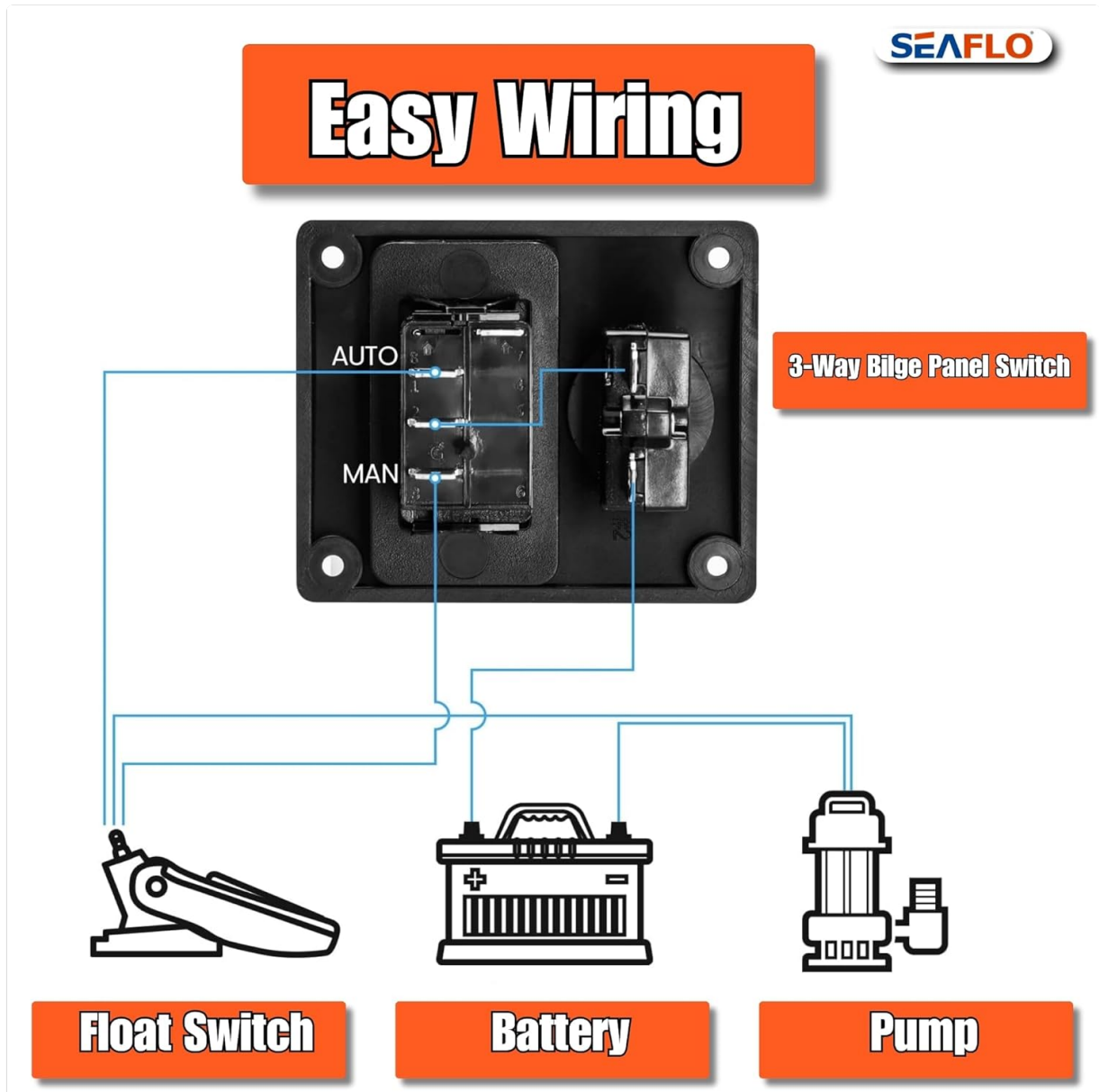
### 4.1 Mounting the Panel

1. Choose a suitable, dry location on your vessel's panel for mounting.
2. Use the provided dimensions (refer to specifications) to cut an appropriate opening for the switch panel.
3. Secure the panel using the included mounting screws.

### 4.2 Wiring Instructions

Refer to the wiring diagram below for proper connections. Ensure all connections are secure and properly insulated to prevent short circuits and corrosion.

- Connect the positive (+) wire from your battery to the designated positive terminal on the switch panel.
- Connect the negative (-) wire from your battery to the designated negative terminal on the switch panel.
- Connect the bilge pump's positive wire to the 'Pump' output terminal on the switch panel.
- If using an automatic float switch, connect its output wire to the 'Auto' input terminal on the switch panel.



Wiring diagram for the SEAFLO 3-Way Bilge Pump Panel, connecting to a float switch, battery, and bilge pump.



Rear view of the SEAFLO bilge pump switch panel, showing the electrical terminals and circuit breaker.



The SEAFLO bilge pump switch panel shown with included mounting screws and wire connectors.

## 5. OPERATING INSTRUCTIONS

The SEAFLO 3-Way Bilge Pump Panel provides three operational modes for your bilge pump:

- **Automatic (AUTO):** When the rocker switch is in the 'AUTO' position, the bilge pump will activate automatically when the connected float switch detects a rise in water level. The LED indicator will illuminate when the pump is running in this mode.
- **Off (OFF):** In the 'OFF' position, the bilge pump is completely disengaged and will not operate, regardless of the float switch status. This position is for safety and when the pump is not needed.
- **Manual (MAN):** Moving the rocker switch to the 'MAN' position will manually activate the bilge pump. This position is spring-loaded, meaning the switch will return to the 'OFF' position once released. This prevents accidental continuous operation and potential pump burnout. The LED indicator will illuminate when the pump is running in this mode.



# LED Indicator Lights



Auto

Manual

Illustration showing the green LED for automatic mode and red LED for manual mode on the bilge pump switch.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your SEAFLO bilge pump panel.

- **Cleaning:** Periodically wipe the panel surface with a damp cloth to remove salt, dirt, and grime. Avoid abrasive cleaners.
- **Connection Checks:** Annually inspect all electrical connections for corrosion, looseness, or damage. Tighten any loose connections and replace corroded wiring as necessary.
- **Circuit Breaker:** If the circuit breaker trips, investigate the cause (e.g., pump blockage, excessive current draw) before resetting.

## 7. TROUBLESHOOTING

If you encounter issues with your SEAFLO bilge pump panel, consider the following troubleshooting steps:

- **Pump Not Operating:**
  - Check if the switch is in the 'OFF' position.

- Verify that the vessel's main power supply is active.
  - Inspect all wiring connections for looseness or corrosion.
  - Check the 15A circuit breaker on the panel. If tripped, reset it after identifying and resolving the cause.
  - Test the bilge pump directly to ensure it is functional.
- **LED Indicator Not Lighting:**
    - Ensure the switch is in 'AUTO' or 'MAN' position and the pump is active.
    - Check power connections to the panel.
  - **Manual Mode Not Engaging:**
    - Ensure the switch is fully pushed to the 'MAN' position. Remember it is spring-loaded and will return to 'OFF' when released.

## 8. WARRANTY AND SUPPORT

---

The SEAFLO SFSP-015-02 3-Way Bilge Pump Panel Rocker Switch is backed by a **4-Year Warranty**, ensuring reliable performance. For technical support, warranty claims, or further assistance, please contact SEAFLO customer service through their official channels or visit the [SEAFLO Store](#).