

PROFLO PF92751

PROFLO PF92751 3/4 HP Stainless/Cast Iron Sump Pump Instruction Manual

[Introduction](#) [Safety](#) [Contents](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty](#)
& Support

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your PROFLO PF92751 3/4 HP Stainless/Cast Iron Sump Pump. Please read this manual thoroughly before attempting to install or operate the pump. Retain this manual for future reference.

The PROFLO PF92751 is designed to remove unwanted water from basements, crawl spaces, and other areas prone to flooding. Its robust stainless steel and cast iron construction ensures durability and reliable performance.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in electric shock, fire, serious injury, or death.

- Always disconnect power to the pump before performing any service or maintenance.
- Ensure the pump is properly grounded to prevent electrical shock.
- Do not operate the pump in areas containing flammable liquids or gases.
- This pump is designed for water only. Do not use it for chemicals, sewage, or other hazardous materials.
- Keep children and unauthorized personnel away from the pump during operation.
- Ensure all electrical connections are waterproof and meet local codes.
- Do not lift the pump by its power cord.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. If any parts are missing or damaged, contact your retailer immediately.

- PROFLO PF92751 Sump Pump (1 unit)
- Vertical Float Switch (pre-installed or separate)
- Instruction Manual

Note: Included components are typically the product only, as specified. Additional plumbing or electrical accessories are sold separately.

4. SETUP AND INSTALLATION

Proper installation is crucial for the efficient and safe operation of your sump pump. If you are unsure about any step, consult a qualified professional.

4.1 Sump Pit Preparation

The sump pump must be installed in a sump pit that is clean and free of debris. The pit should be large enough to accommodate the pump and allow for proper float switch operation without obstruction.



Figure 1: PROFLO PF92751 Sump Pump. This image shows the main unit of the PROFLO PF92751 sump pump, highlighting its stainless steel and cast iron construction.

4.2 Placement of the Pump

Place the pump on a solid, level surface at the bottom of the sump pit. Ensure the pump is not resting directly on dirt or gravel. Use bricks or a solid base if necessary to elevate it slightly and prevent clogging of the intake.



Figure 2: PROFLO PF92751 Sump Pump with visible float switch. This image provides a closer view of the sump pump, including its vertical float switch mechanism.

4.3 Discharge Piping

Connect a 2-inch NPT discharge pipe to the pump's outlet. Use appropriate fittings and sealants to ensure a watertight connection. The discharge pipe should lead to an approved drainage area, away from the foundation of the building.



Figure 3: Typical sump pump installation in a basement. This illustration shows a PROFLO sump pump correctly installed within a sump pit, connected to discharge piping that leads water away from the foundation.

4.4 Electrical Connection

The pump operates on 120 Volts (AC) and uses a corded electric power source. Plug the pump into a properly grounded 3-prong outlet. Do not use extension cords. If the outlet is not grounded, have a qualified electrician install one.

IMPORTANT: Ensure the vertical float switch can move freely without obstruction. The pump will not activate if the float switch is jammed.

5. OPERATING INSTRUCTIONS

Once installed and connected to power, the PROFLO PF92751 sump pump operates automatically via its vertical float switch.

5.1 Automatic Operation

1. As water enters the sump pit, the water level will rise.
2. When the water level reaches a predetermined height, the vertical float switch will activate the pump.
3. The pump will then begin to discharge water through the connected piping.
4. Once the water level drops to a lower predetermined height, the float switch will deactivate the pump.

5.2 Testing the Pump

Periodically test the pump to ensure it is functioning correctly. To test, slowly fill the sump pit with water until the float switch activates the pump. Observe that the pump turns on, discharges water, and then turns off when the water level drops.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliability of your sump pump.

- **Monthly Inspection:** Check the sump pit for debris (dirt, gravel, leaves) that could obstruct the pump or float switch. Remove any obstructions.
- **Float Switch Check:** Ensure the vertical float switch moves freely and is not tangled with wires or other objects.
- **Discharge Pipe:** Verify that the discharge pipe is clear and free of blockages. Ensure the discharge point is not frozen during cold weather.
- **Power Cord:** Inspect the power cord for any signs of damage or fraying. Replace if damaged.
- **Clean Pump Intake:** If the pump intake becomes clogged, disconnect power, remove the pump from the pit, and clean the intake screen.

WARNING: Always disconnect power before performing any maintenance or cleaning.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your sump pump. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Pump does not turn on	No power; Float switch obstructed; Motor overload; Clogged intake	Check power supply/breaker; Clear float switch; Allow motor to cool; Clean intake screen
Pump runs continuously	Float switch stuck in ON position; Check valve faulty; Continuous water inflow	Clear float switch; Inspect/replace check valve; Identify and address water source
Pump runs but no water discharges	Clogged discharge pipe; Air lock; Low water level; Impeller damaged	Clear discharge pipe; Relieve air lock (if applicable); Ensure sufficient water; Inspect impeller
Pump is noisy	Debris in impeller; Pump not stable; Worn bearings	Clean impeller; Secure pump base; Contact service for bearing issues

8. SPECIFICATIONS

Detailed technical specifications for the PROFLO PF92751 Sump Pump:

- **Model Number:** PF92751
- **Brand:** PROFLO
- **Horsepower:** 3/4 HP
- **Material:** Cast Iron, Stainless Steel
- **Power Source:** Corded Electric
- **Voltage:** 120 Volts (AC)
- **Discharge Size:** 2" NPT
- **Switch Type:** Vertical Float Switch

- **Item Weight:** 25.5 Pounds
- **UPC:** 781889401958

9. WARRANTY AND SUPPORT

The PROFLO PF92751 Sump Pump is provided with no manufacturer warranty. Please refer to your retailer's return policy for details on product returns or exchanges.

Customer Support

For technical assistance, troubleshooting guidance beyond this manual, or inquiries regarding parts, please contact PROFLO customer support or your authorized dealer. Contact information can typically be found on the PROFLO official website or through your product retailer.