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## PROFLO PF92511

# PROFLO PF92511 1/2 HP Cast Iron Sump Pump Instruction Manual

Model: PF92511

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## 1. INTRODUCTION

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This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of your **PROFLO PF92511 1/2 HP 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 PF92511 is a robust 1/2 horsepower sump pump designed for residential dewatering applications. Constructed from durable cast iron, it is built to provide reliable performance in removing unwanted water from basements or crawl spaces, helping to prevent flooding and water damage.



Image 1.1: The PROFLO PF92511 1/2 HP Cast Iron Sump Pump. This image shows the compact design of the pump, highlighting its cast iron construction and side discharge outlet.

## 2. SAFETY INFORMATION

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**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 connected to a properly grounded electrical outlet with a Ground Fault Circuit Interrupter (GFCI).
- Do not operate the pump with a damaged cord or plug. Replace immediately.
- Do not use extension cords with this pump.
- Keep hands, feet, and clothing away from moving parts.
- This pump is designed for water only. Do not use it for flammable liquids, chemicals, or sewage.
- Ensure the sump pit is free of debris that could obstruct the pump or float switch.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.

- All electrical wiring must comply with local codes and ordinances. Consult a qualified electrician if unsure.

### 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged upon unpacking:

- PROFLO PF92511 1/2 HP Cast Iron Sump Pump
- Instruction Manual

If any parts are missing or damaged, do not attempt to install or operate the pump. Contact PROFLO customer service for assistance.

### 4. SETUP AND INSTALLATION

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Proper installation is crucial for the reliable operation of your sump pump. Follow these steps carefully:

#### 4.1 Sump Pit Preparation

Ensure the sump pit is clean and free of gravel, dirt, or other debris. The pit should be large enough to allow the pump and float switch to operate freely without obstruction.

#### 4.2 Discharge Piping

1. Connect a discharge pipe (typically 1-1/2 inch NPT) to the pump's side discharge outlet. Use thread sealant tape for a watertight connection.
2. Install a **check valve** in the discharge line above the pump. This prevents water from flowing back into the sump pit when the pump shuts off.
3. Route the discharge pipe to an appropriate drainage area, ensuring it is sloped away from the foundation and complies with local plumbing codes.

#### 4.3 Electrical Connection

1. The pump requires a dedicated 115V, 60Hz, 10A electrical circuit.
2. Plug the pump into a properly grounded **GFCI (Ground Fault Circuit Interrupter)** outlet.
3. Ensure the power cord is not pinched or stretched and is routed to prevent tripping hazards.

#### 4.4 Float Switch Adjustment

The float switch controls the automatic operation of the pump. Position the float switch to ensure it has full, unobstructed movement within the sump pit. The