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Wayne 57526-WYN2

Wayne 3/4 HP Submersible Sump Pump User Manual

Model: 57526-WYN2

1. PRODUCT OVERVIEW

The Wayne 3/4 HP Submersible Sump Pump (Model 57526-WYN2) is designed for indoor use to effectively remove water from basements and crawl spaces. Constructed with corrosion-resistant stainless steel and a cast-iron volute, this pump offers durability and reliable performance. Its top suction design helps prevent air lock and minimizes clogging from debris. This unit is capable of pumping up to 5,490 gallons per hour and features an enhanced switch design tested for over 1 million cycles.



Image 1.1: Front view of the Wayne 3/4 HP Submersible Sump Pump.

2. SAFETY INFORMATION

Read and understand all instructions before installing or operating this pump. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

2.1 General Safety

- This pump is designed for pumping clear water only. Do not use for flammable or corrosive liquids, or for sewage.
- Ensure the pump is placed on a solid, level surface in the sump basin.
- Keep hands and feet clear of the pump during operation.
- Do not operate the pump if the power cord or plug is damaged.
- Always disconnect power before servicing or performing maintenance on the pump.

2.2 Electrical Safety

- Connect to a properly grounded, 120V AC, 60 Hz outlet only.

- Do not remove the grounding prong from the power cord.
- Do not use extension cords.
- Ensure the electrical circuit is protected by a Ground Fault Circuit Interrupter (GFCI).
- All electrical wiring should comply with local codes and regulations.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Wayne 3/4 HP Submersible Sump Pump (Model 57526-WYN2)
- User Manual

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal pump performance and longevity. This pump is designed for easy installation, typically within 15 minutes.

4.1 Pre-Installation Checks

- Ensure the sump basin is at least 11 inches in diameter.
- Verify the power outlet is a grounded 120V AC, 60 Hz GFCI-protected receptacle.
- Gather necessary tools: pipe wrench, PVC cement, hacksaw or pipe cutter, measuring tape.

4.2 Installation Steps

1. **Step 1: Prepare the Sump Basin.** Clean the sump basin thoroughly, removing any debris or sediment. Place the pump on the bottom of the basin, ensuring it is stable and facing away from the inlet pipe.
2. **Step 2: Install Discharge Plumbing.** Connect a 1-1/2 inch NPT discharge pipe to the pump. Install a check valve in the discharge line above the pump to prevent back-flow of water into the sump basin. Ensure all connections are watertight.
3. **Step 3: Secure Power Cord and Optional Gate/Ball Valve.** If desired, install a gate or ball valve in the discharge line for easier future maintenance. Secure the power cord to the discharge pipe using cable ties, ensuring it does not interfere with the float switch operation.
4. **Step 4: Test the Pump.** Fill the basin with water to the 'ON' level (approximately 9 inches). The pump should activate and begin discharging water. Allow the pump to run until the water reaches the 'OFF' level (approximately 4 inches). Verify proper operation and check for any leaks.

PRODUCT DIMENSIONS

LENGTH: 10.5 IN.
WIDTH: 9 IN.
HEIGHT: 11 IN.
WEIGHT: 22 LBS.
POWER CORD: 8 FT.



FLOW RATE

HP	DISCHARGE HEAD	0'	5'	10'	15'	20'
3/4	Gallons Per Hour	5490	5076	4600	4100	3500

Image 4.1: Example of a Wayne Sump Pump installed in a sump basin.

5. OPERATING INSTRUCTIONS

The Wayne 3/4 HP Sump Pump operates automatically via an integrated vertical float switch. When water in the sump basin rises to the 'ON' level, the float activates the pump. The pump will continue to run until the water level drops to the 'OFF' level, at which point the float deactivates the pump.

5.1 Float Switch Operation

The float switch is designed to prevent hang-ups and ensure reliable activation. It is factory-set for optimal 'ON' and 'OFF' levels. Ensure the float has a clear path of movement within the sump basin and does not come into contact with the basin walls or other pipes.

3/4 HP CAST IRON AND STAINLESS STEEL SUBMERSIBLE SUMP PUMP



Image 5.1: Close-up view of the pump's vertical float switch mechanism.



Image 5.2: The enhanced switch design is tested for over 1 million on/off cycles, ensuring dependable starts.

6. MAINTENANCE

Regular maintenance ensures the long-term reliability and efficiency of your sump pump. Always disconnect power before performing any maintenance.

6.1 Routine Checks (Monthly)

- **Inspect Sump Basin:** Remove any debris, dirt, or sediment that may have accumulated in the basin.
- **Check Float Switch:** Manually lift the float to ensure it moves freely and activates the pump. The pump should turn on when the float is raised and turn off when lowered.
- **Inspect Power Cord:** Check the power cord for any signs of damage, fraying, or wear.
- **Test Operation:** Pour water into the sump basin to simulate a high water event and ensure the pump activates and discharges water correctly.

6.2 Cleaning

If the pump's intake screen becomes clogged, disconnect power, remove the pump from the basin, and clean the screen with a brush and water. Ensure all debris is removed before reinstalling.

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 run	No power; tripped GFCI; faulty float switch; motor overload.	Check power connection and GFCI. Reset if tripped. Inspect float switch for obstruction. Allow motor to cool if overloaded.
Pump runs continuously	Float switch obstructed; check valve faulty; water continuously entering basin.	Clear float switch path. Inspect check valve for proper function. Identify and address source of continuous water inflow.
Pump runs but does not pump water	Clogged intake screen; air lock; discharge pipe obstruction; low water level.	Clean intake screen. Ensure pump is fully submerged. Check discharge pipe for blockages. Ensure water level is above 'ON' level.
Pump is noisy or vibrates excessively	Debris in impeller; pump not stable; worn bearings.	Disconnect power and inspect impeller for debris. Ensure pump is on a stable surface. If bearings are worn, pump may require professional service or replacement.

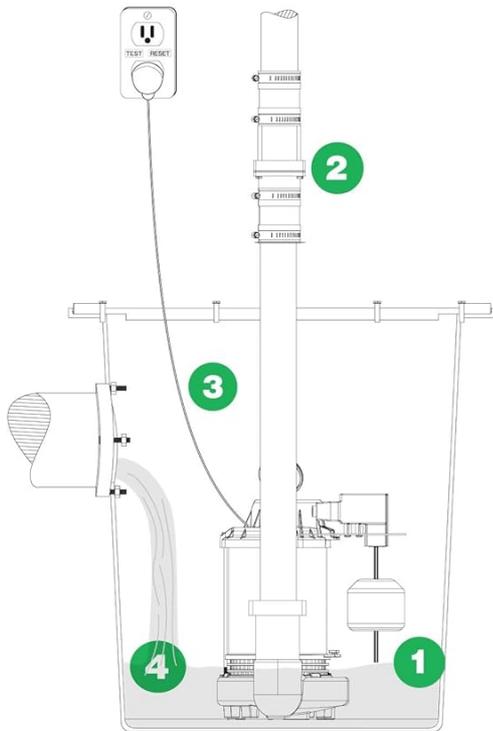
8. SPECIFICATIONS

Technical specifications for the Wayne 3/4 HP Submersible Sump Pump, Model 57526-WYN2.

Feature	Detail
Brand	Wayne
Model Number	57526-WYN2
Horsepower (HP)	3/4 HP
Power Source	Corded Electric
Voltage	120 Volts
Maximum Flow Rate	5,490 Gallons Per Hour (91.5 GPM)
Maximum Lifting Height	25 Feet
Material	Stainless Steel, Cast Iron
Product Dimensions (L x W x H)	10.5" x 9" x 11"
Item Weight	20.7 pounds (9.41 kg)
Discharge Size	1-1/2" NPT
Minimum Sump Basin Diameter	11 inches

Feature	Detail
ON Level	9 inches
OFF Level	4 inches

INSTALLATION INSTRUCTIONS



STEP 1

Clean basin and place pump on bottom, facing away from inlet.

STEP 2

Install discharge plumbing and check valve to prevent back-flow.

STEP 3

Install gate/ball valve if needed and secure power cord to discharge pipe.

STEP 4

Fill basin and test pump to ensure that it is working properly.

Image 8.1: Product dimensions and flow rate chart at various discharge heights.

9. WARRANTY INFORMATION

This Wayne Sump Pump (Model 57526-WYN2) is covered by a **5-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. It does not cover damage resulting from misuse, abuse, accident, neglect, improper installation, or unauthorized repairs. Keep your proof of purchase for warranty claims.

10. SUPPORT AND CONTACT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Wayne customer support. Refer to the official Wayne website or product packaging for the most current contact information.

When contacting support, please have your pump's model number (57526-WYN2) and date of purchase readily available.