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› [Superior Pump](#) /

› [Superior Pump 92017 3/10 HP Compact Remote Sink/Drain Pump System Instruction Manual](#)

Superior Pump 92017

Superior Pump 92017 3/10 HP Compact Remote Sink/Drain Pump System Instruction Manual

Model: 92017 | Brand: Superior Pump

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Superior Pump 92017 3/10 HP Compact Remote Sink/Drain Pump System. Please read and understand all instructions before installation and use. Retain this manual for future reference.

IMPORTANT SAFETY INFORMATION

WARNING: Risk of Electrical Shock. This pump is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded, grounding-type receptacle. Always disconnect the electricity before removing or servicing this device.

WARNING: This unit is not built to pump corrosive or flammable liquids. Doing so can cause fire, and/or personal injury. It will also void the warranty.

WARNING: This pump has not been investigated for use in swimming pool or marine areas.

CAUTION: This pump is designed for indoor and outdoor use. Ensure proper ventilation and avoid operating in enclosed spaces without adequate airflow.

PRODUCT COMPONENTS

The Superior Pump 92017 system includes the following key components:

- **Submersible Sump Pump:** A 3/10 HP permanent split capacitor motor designed for efficient water removal.
- **Vertical Float Switch:** Automatically turns the pump on and off based on water level.
- **Remote Sink/Drain Basin:** A durable, structural foam basin designed to collect water.
- **10-foot Power Cord:** Provides ample reach for power connection.
- **Removable Intake Screen:** Filters out debris to protect the impeller.
- **1-1/2" NPT Discharge:** Standard pipe connection for water expulsion.



Figure 1: Overview of the Superior Pump 92017 Compact Remote Sink/Drain Pump System, showing the submersible pump inside the basin.



Figure 2: Detailed view of the submersible sump pump, highlighting the oil-cooled motor, 10-foot power cords, and large side intakes.

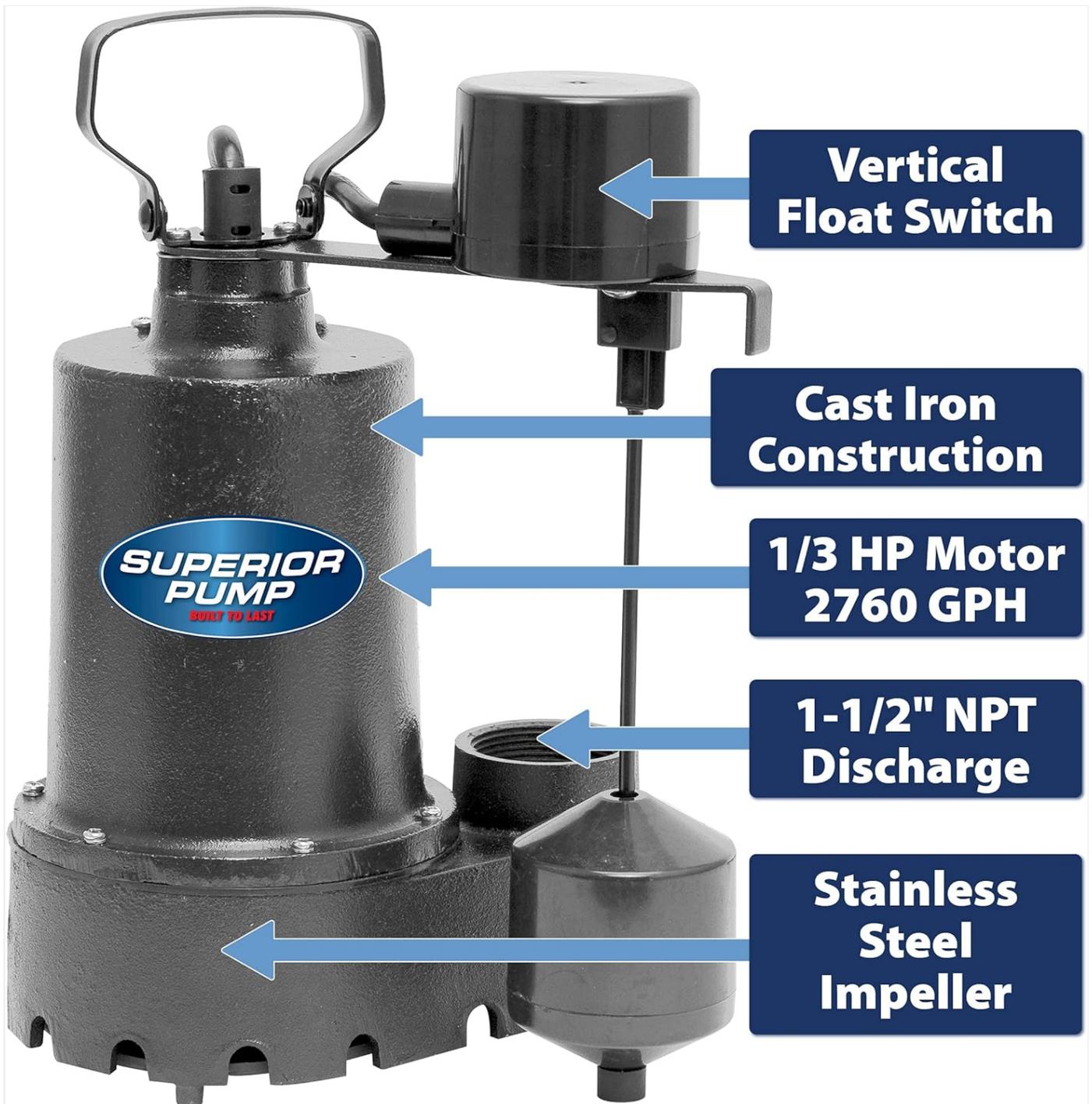


Figure 3: Close-up of the sump pump, illustrating the vertical float switch, cast iron construction, 3/10 HP motor, 1-1/2" NPT discharge, and stainless steel impeller.

SETUP AND INSTALLATION

Proper installation is crucial for the longevity and performance of your pump system. Refer to the video below for a visual guide.

Your browser does not support the video tag.

Video 1: "Install a Sump Pump" - An official guide from Superior Pump demonstrating the installation process for a sump pump.

Installation Steps:

1. **Disconnect Power:** Always unplug the old pump from the power source before beginning any work.
2. **Remove Old System:**

- Cut the old PVC discharge pipe above the basin cover.
 - Remove the basin cover.
 - Carefully remove the old pump from the basin.
3. **Clean Basin:** Clean out any debris or sediment from inside the basin to ensure optimal performance of the new pump.
 4. **Assemble New Pump:** Screw the new PVC section into the new sump pump's discharge port.
 5. **Place Pump in Basin:** Carefully lower the new sump pump into the basin. In sandy or dirty pits, consider using bricks or a pump base to elevate the pump and prevent debris from entering. Effluent and sewage pumps typically do not require elevation.
 6. **Connect Piping:** Slide the basin cover over the new sump pump PVC pipe. Connect the old PVC pipe to the new PVC pipe using a rubber boot check valve.
 7. **Adjust Float Switch:** Adjust the vertical float switch to the desired "on" and "off" points. Ensure the float moves freely without obstruction.
 8. **Power Connection:** Plug the float switch cord into the back of the piggy-back power cord, then plug the entire assembly into a properly grounded wall receptacle.
 9. **Test Operation:** Fill the basin with water until the float switch activates the pump. The pump should empty the basin. Adjust the float switch again if the pumping range is incorrect.

Typical Applications:

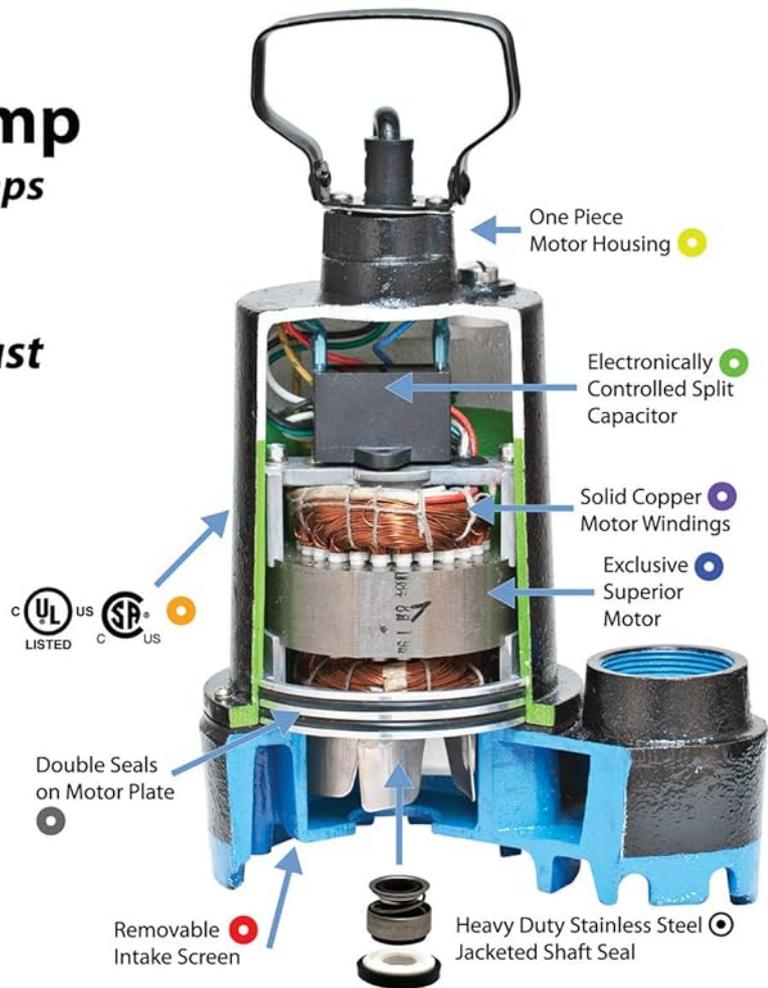


BUILT TO LAST

At Superior Pump we build high quality pumps

We have one mission...
make pumps **Built to Last**
We didn't reinvent the
pump...we just made it
stronger, more reliable
and most importantly
Affordable

Each pump is built
using a set of standard
features. Match the 
to the color below to learn
more about each feature



Intake Screen

All utility and sump pumps include a removable intake screen for easy cleaning.

Motor Housing

A one piece motor housing makes the pump stronger and dissipates heat with greater efficiency

Split Capacitor

It is like having two gears, 1st gear a boost for startup and then a 2nd gear for efficient continuous operation.
More Power / Less Energy

Solid Copper

No coated wiring here...only 100% solid copper motor windings featured in all Superior Pumps

Superior Motor

We design, build, test and install our own motors to ensure that every Superior Pump is **Built to Last**

Double Seals

Dual seals on the bottom of each motor plate ensures water from entering the motor housing and causing failure

Shaft Seal

This is no regular shaft seal....this is a Heavy Duty Stainless Steel Jacketed Shaft seal. Quality first.

Quality Tested

Every pump is approved by:

Figure 4: Diagram illustrating the pump system installed for a remote sink, showing discharge and vent lines.

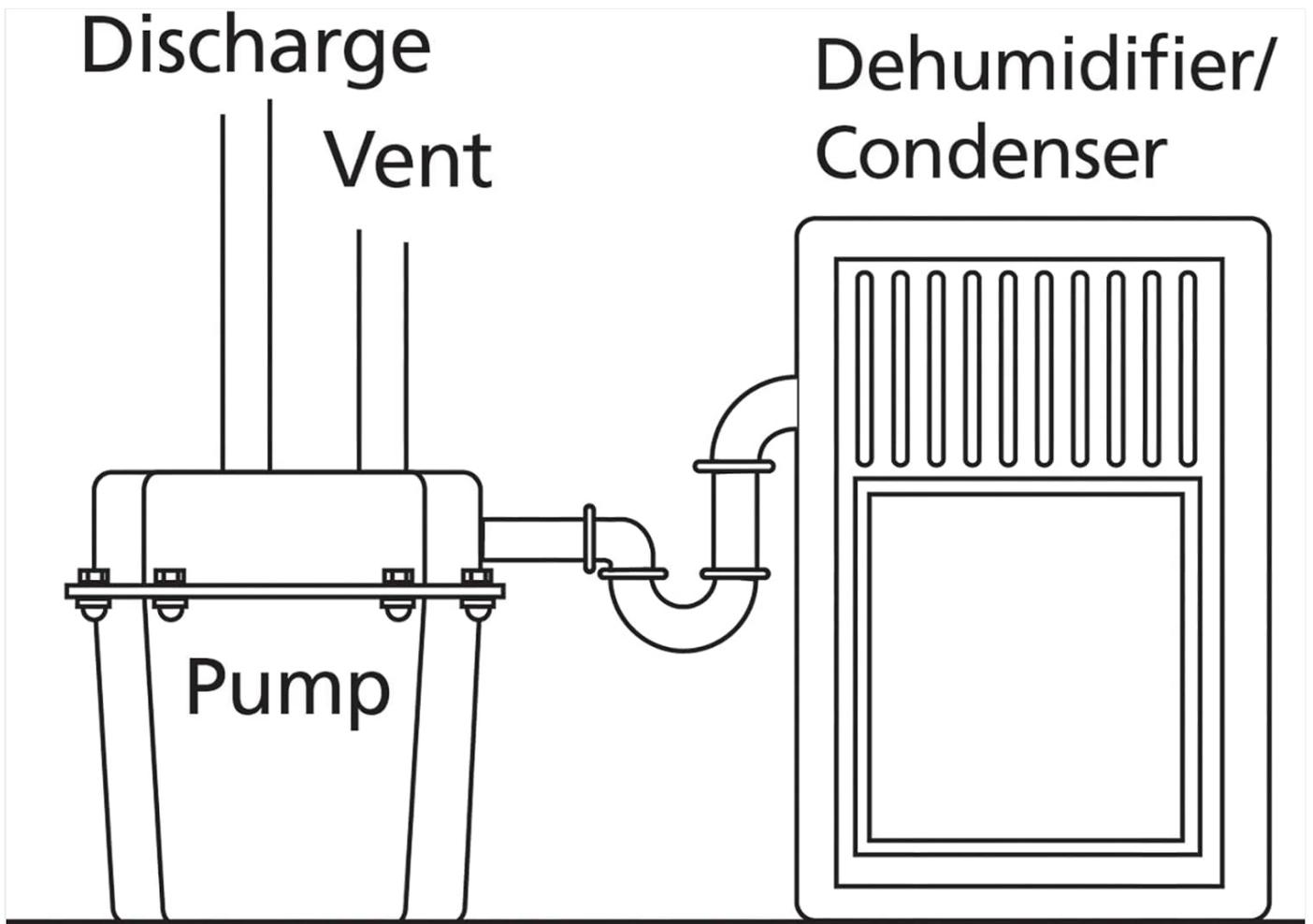


Figure 5: Diagram illustrating the pump system installed for a washing machine, showing connection to a laundry tub and discharge/vent lines.

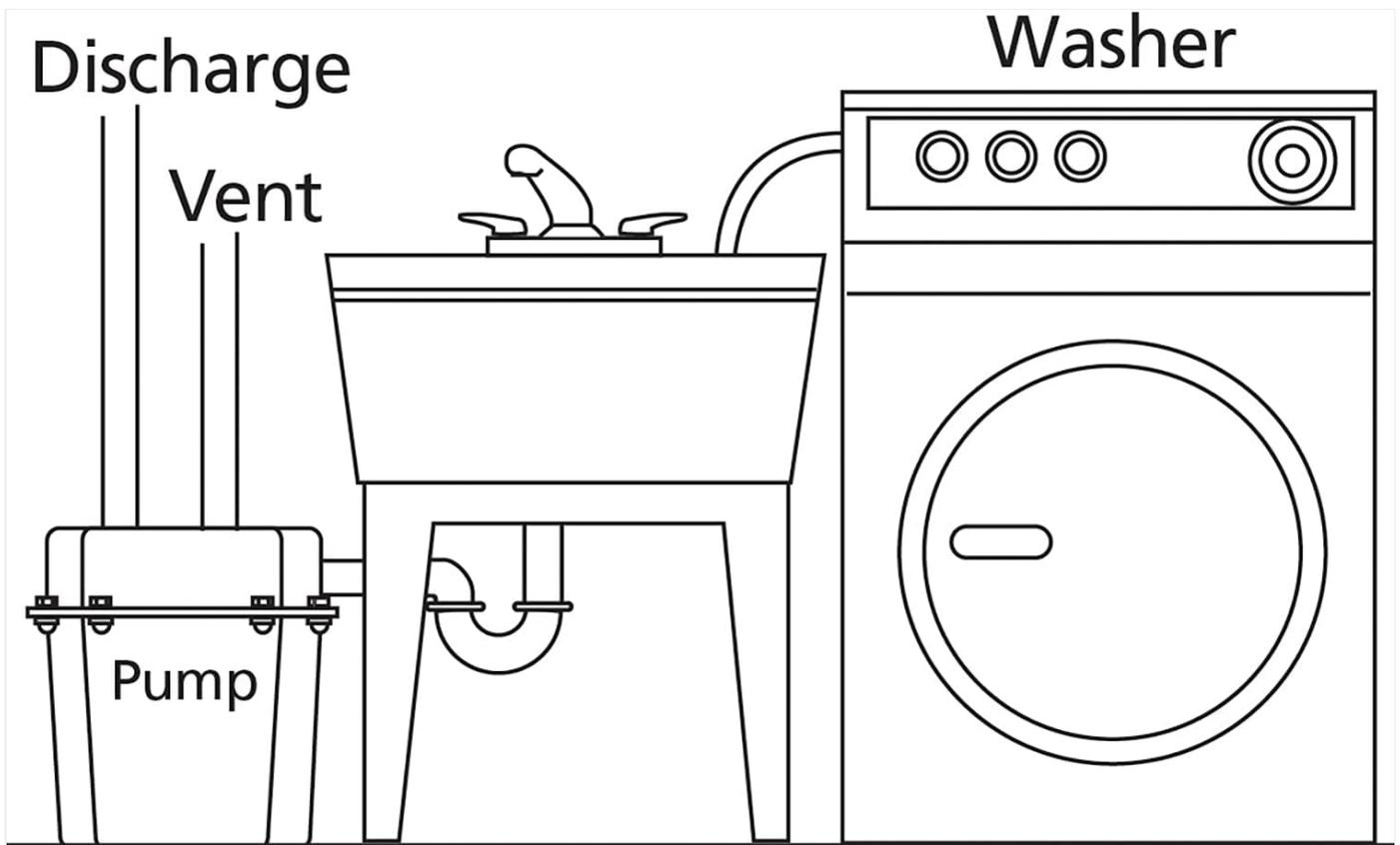


Figure 6: Diagram illustrating the pump system installed for a dehumidifier or condenser, showing the connection and discharge/vent lines.

OPERATING INSTRUCTIONS

The Superior Pump 92017 operates automatically via its vertical float switch. When water in the basin reaches a predetermined level, the float switch activates the pump, which then removes the water. Once the water level drops, the float switch deactivates the pump.

- Ensure the pump is always submerged in water when operating to prevent overheating.
- Do not run the pump dry.
- Regularly check the float switch for free movement.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your pump.

- **Inspect Regularly:** Periodically check the pump and basin for any signs of wear, damage, or debris accumulation.
- **Clean Intake Screen:** The removable intake screen should be cleaned regularly to prevent clogging and maintain optimal flow.
- **Check Float Switch:** Ensure the float switch is free of obstructions and moves smoothly.
- **Winterization:** If the pump is in an area subject to freezing temperatures, ensure it is properly drained or removed and stored in a warm, dry place to prevent damage.

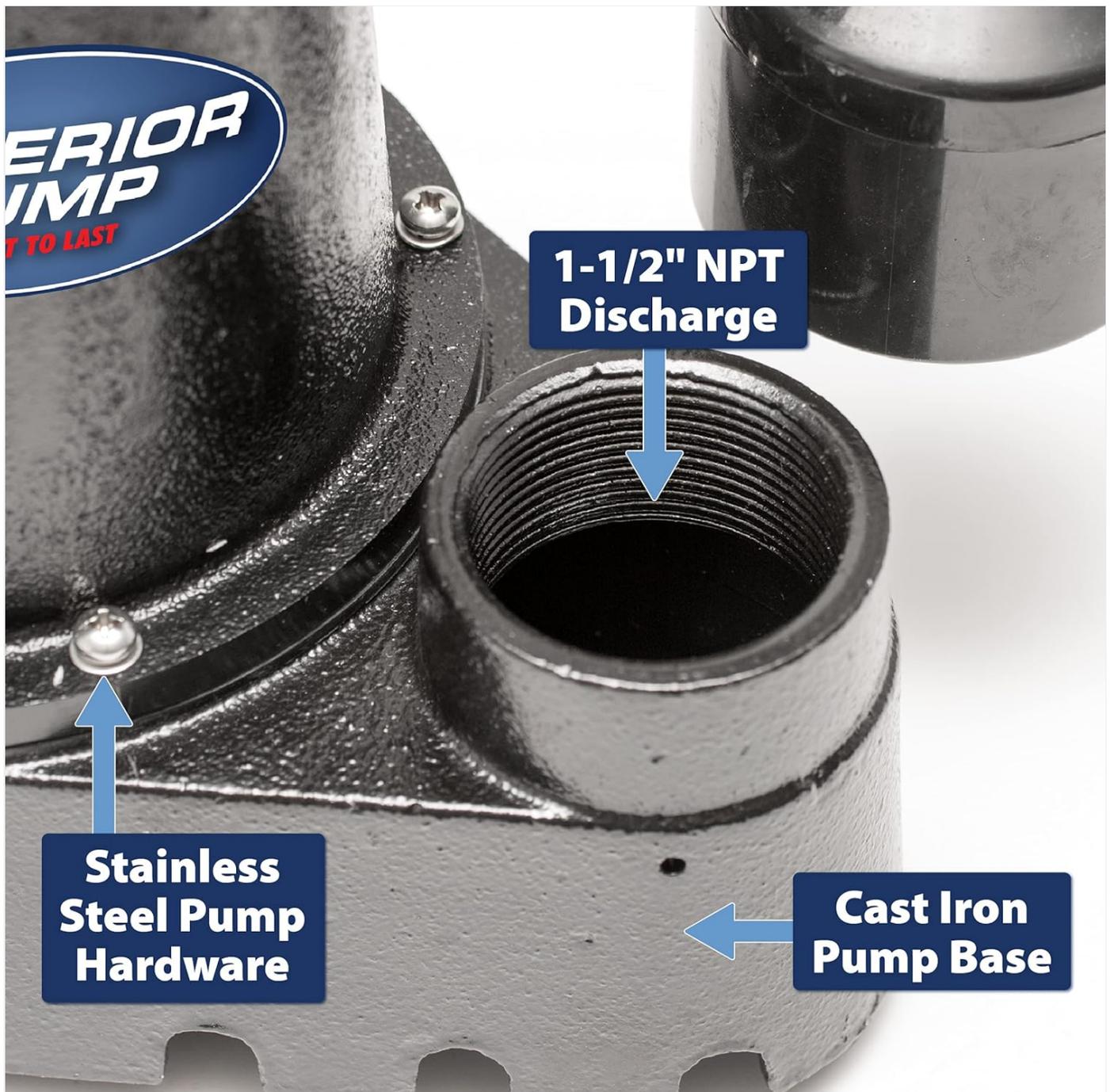


Figure 7: View of the pump's underside, showing the removable intake screen that filters out debris and the stainless steel impeller.

TROUBLESHOOTING

If your pump is not operating as expected, consult the following common issues and solutions:

Problem	Possible Cause	Solution
Pump does not turn on.	No power, clogged intake, stuck float switch.	Check power connection, clean intake screen, free the float switch.
Pump runs continuously.	Stuck float switch, check valve issue, continuous water inflow.	Check float switch, inspect check valve, identify and stop water source.
Pump runs but no water is discharged.	Clogged discharge pipe, airlock, low water level.	Clear discharge pipe, prime the pump, ensure adequate water in basin.

SPECIFICATIONS

- **Model:** 92017
- **Brand:** Superior Pump
- **Horsepower:** 3/10 HP
- **Material:** Plastic (Basin), Cast Iron (Pump)
- **Power Source:** AC
- **Voltage:** 120 Volts
- **Maximum Flow Rate:** 48 Gallons Per Minute
- **Maximum Lifting Height:** 10 Feet
- **Product Dimensions:** 15"L x 15"W x 13.5"H
- **Item Weight:** 17.96 Pounds
- **UPC:** 725113920174

WARRANTY AND SUPPORT

All Superior Pumps are backed by a 1 to 5 year limited warranty. For specific warranty details and support, please refer to the documentation included with your product or visit the official Superior Pump website.

For additional assistance or to purchase accessories, please contact Superior Pump customer service.

Related Documents - 92017

	<p>Superior Pump Remote Sink/Drain Pump System Installation and Operation Manual</p> <p>Comprehensive guide for installing, operating, and maintaining Superior Pump's Remote Sink/Drain Pump Systems, including safety warnings, specifications, troubleshooting tips, and performance data for models 92072, 92017, and 92051.</p>
	<p>Superior Pump Remote Sink/Drain Pump System Installation & Operation Manual</p> <p>This manual provides comprehensive installation, operation, and maintenance instructions for Superior Pump Remote Sink/Drain Pump Systems, including models 92072-U, 92017-U, and 92051-U. It covers safety guidelines, replacement parts, specifications, troubleshooting, performance data, assembly, installation, operation, and maintenance procedures.</p>
	<p>Superior Pump Sprinkler Pumps 96210, 96215, 96220 Owner's Manual</p> <p>Installation, operation, safety, and troubleshooting guide for Superior Pump sprinkler pumps models 96210, 96215, and 96220. Includes electrical connections and warranty information.</p>



[Superior Pump Product Catalog - Pumps and Accessories](#)

Superior Pump offers a comprehensive catalog of high-quality pumps and accessories, including utility, sump, sewage, effluent, jet, and transfer pumps. With 150 years of family-owned experience and a commitment to 'Built To Last' quality, they provide innovative solutions and exceptional 7-day customer support.