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> [WASSERMANN 1/2HP 3500GPH Submersible Utility Pump Model 61202 Instruction Manual](#)

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WASSERMANN 1/2HP 3500GPH Submersible Utility Pump

Model: 61202

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your WASSERMANN 1/2HP 3500GPH Submersible Utility Pump, Model 61202. This pump is designed for transferring clean or dirty water from various sources such as swimming pools, tubs, garden ponds, and flooded areas. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

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

- Always ensure the pump is fully submerged in water before connecting it to a power source. Operating the pump dry can cause severe damage.
- Connect the pump only to a properly grounded 115V AC outlet.
- Do not use the pump to transfer flammable or corrosive liquids.
- Keep hands, feet, and clothing away from the pump's intake and discharge openings while it is operating.
- Never lift or carry the pump by its power cord. Use the integrated handle.
- Disconnect the power supply before performing any maintenance or cleaning.
- This pump is UL certified for safety. Do not modify the pump or its components.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x WASSERMANN 1/2HP Submersible Utility Pump
- 1 x Stainless Steel Hose Clamp
- 1 x Teflon Tape
- 1 x User Manual
- Adapters: 1 x NPT1-1/2", 1 x NPT2", 1 x NPT3/4"

PRODUCT OVERVIEW

Familiarize yourself with the components of your WASSERMANN Submersible Utility Pump.



Figure 1: Pump Features Overview

This diagram illustrates the main features of the pump, including the portable handle for easy transport, durable thermoplastic construction, UL safety certification, the powerful 1/2 HP motor capable of 3500 gallons per hour (GPH) flow, and the integrated 10-foot power cord.



Multiple discharge hookup options

1-1/2 inch FNPT discharge includes: 1-1/2 inch adapter, 2inch adapter, and 3/4 inch garden hose adapter

UL LISTED with quality components

Tough **thermoplastic construction**; **Removable** intake screen filters out large solids; Convenient **carrying handle** molded into pump; **10-foot power cord**; Simple operation, plug pump in to turn on, unplug to turn off

HIGH FLOW BASE

1/2 HP high-flow utility pump moves up to 3500-gallons per hour, Handles up to 1-1/3 inch solids

Figure 2: Pump Base and Impeller Details

This image highlights the robust design of the pump's base, featuring stainless steel hardware for longevity, a maximum solid handling capacity of 1-1/3 inches, and a durable thermoplastic impeller. The elevated base plate is designed to minimize debris accumulation in the sump pit, ensuring consistent performance.

SETUP

1. Attaching the Discharge Hose

The pump features a 1-1/2" discharge. Use the included adapters to connect your desired hose size.

1. Select the appropriate adapter (NPT1-1/2", NPT2", or NPT3/4") for your hose.
2. Apply Teflon tape to the threaded discharge port of the pump.
3. Thread the chosen adapter onto the pump's discharge port and tighten securely.
4. Attach your discharge hose to the adapter and secure it with the provided stainless steel hose clamp.

TECHNICAL SPECIFICATIONS

POWER 1/2HP	AMP 4.5A
VOLTAGE 115V / 60 HZ	MAX. HEAD 25FT
DISCHARGE 1-1/2"	MAX. FLOW 3500GPH
MAX.SOLID 1-1/3"	POWER CORD 10FT

Head-FT	0	10	20	25
GPH	3500	2236	723	0



Figure 3: Multiple Discharge Hookup Options

This image demonstrates how to connect various hose sizes to the pump's 1-1/2 inch discharge using the provided adapters, ensuring a secure and leak-free connection for efficient water transfer.

2. Pump Placement

Place the pump in the area to be drained. Ensure the pump is stable and fully submerged in the water before operation. Submerge the pump at a slight tilt to allow any trapped air to escape, preventing airlock.



Figure 4: Submerging the Pump

Properly submerge the pump into the water, ensuring it is fully immersed before connecting to power. This helps prevent air pockets and ensures optimal performance.

3. Power Connection

Once the pump is fully submerged and the hose is securely attached, plug the 10-foot power cord into a standard 115V grounded electrical outlet.



Figure 5: Connecting to Power

After submerging the pump, connect the power cord to a 115V outlet. The pump will begin operating immediately upon connection.

OPERATING INSTRUCTIONS

The WASSERMANN Submersible Utility Pump is designed for simple operation:

1. **To Start:** Ensure the pump is fully submerged and the discharge hose is properly connected. Plug the power cord into a 115V grounded outlet. The pump will start automatically.
2. **To Stop:** Unplug the power cord from the electrical outlet.
3. **Do Not Run Dry:** Never operate the pump without water. Running the pump dry will cause overheating and permanent damage. Monitor water levels to prevent dry running.

Applications

This pump is suitable for various water transfer tasks, including:

- Draining swimming pools and hot tubs.
- Removing standing water from flooded basements or areas.
- Transferring water for garden ponds or irrigation.



Figure 6: Clean and Dirty Water Operation

The pump is capable of handling both clean and dirty water, making it versatile for various draining and transfer needs. Note the maximum solid size capacity of 1-1/3 inches.



WIDE APPLICATIONS

Figure 7: Wide Range of Applications

This image illustrates the broad utility of the pump, suitable for draining flooded areas, maintaining garden ponds, emptying outdoor bathtubs, and facilitating irrigation tasks.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pump.

Cleaning the Pump

Periodically inspect and clean the pump's intake screen and impeller to prevent blockages and maintain efficiency. Always disconnect power before cleaning.

1. **Step 1: Remove the Base.** Unscrew the screws holding the pump's base plate in place.



Figure 8: Removing Base Screws

2. **Step 2: Clean Impeller and Intake.** Carefully remove the base and clean any debris from the impeller and intake screen using a brush or water.



Figure 9: Cleaning Impeller and Intake

3. **Step 3: Inspect.** Ensure all debris is removed and the impeller spins freely.



Figure 10: Cleaned Impeller

4. **Step 4: Reassemble.** Reattach the base plate and secure it with the screws.



Figure 11: Reassembling the Base

Storage

When not in use, clean the pump thoroughly and store it in a dry, frost-free location. Ensure the power cord is neatly coiled and not kinked.

TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start	No power supply Power cord damaged Motor overload	Check power outlet and circuit breaker Inspect power cord for damage Unplug, wait 5 minutes, then replug
Pump runs but no water flow	Pump not fully submerged Air trapped in pump (airlock) Intake screen or impeller blocked	Ensure pump is completely underwater Tilt pump to release air, then re-submerge Disconnect power and clean intake/impeller
Low water flow	Hose kinked or blocked Intake screen partially blocked Discharge head too high	Check and clear hose Disconnect power and clean intake screen Ensure discharge height is within specifications (Max 25 FT)
Pump stops unexpectedly	Overheating due to dry running Power interruption	Ensure continuous water supply; allow to cool before restarting Check power supply

SPECIFICATIONS

TECHNICAL SPECIFICATIONS



POWER 1/2HP	AMP 4.5A
VOLTAGE 115V	MAX. HEAD 25FT
DISCHARGE 1-1/2"	MAX. FLOW 3500GPH
MAX.SOLID 1-1/3"	POWER CORD 10FT



Head-FT	0	10	20	25
GPH	3500	2236	723	0

Weight:
11 lbs

Figure 12: Technical Specifications

This image provides a comprehensive overview of the pump's performance metrics and physical characteristics.

Feature	Detail
Power	1/2 HP
Voltage	115 Volts
Maximum Flow Rate	3500 Gallons Per Hour (GPH)
Maximum Lifting Height (Head)	25 Feet
Discharge Size	1-1/2 inches
Maximum Solid Size	1-1/3 inches
Power Cord Length	10 Feet
Material	Thermoplastic
Product Dimensions (L x W x H)	6.54" x 6.26" x 13.7"
Item Weight	10.08 pounds

WARRANTY AND SUPPORT

For any questions or concerns regarding your WASSERMANN Submersible Utility Pump, please do not hesitate to contact our service team. We are committed to providing assistance within 24 hours. Please refer to your product packaging or the manufacturer's official website for specific warranty details and terms. Keep your purchase receipt as proof of purchase for any warranty claims.