

XtremepowerUS 75125

XtremepowerUS 1.5HP High Flow Pool Pump Instruction Manual

Model: 75125

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1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your XtremepowerUS 1.5HP High Flow Pool Pump. This self-priming pump is designed for above-ground swimming pools and spas, featuring a 1.5-inch strainer basket filter and a powerful 1.5HP motor for optimal water circulation and filtration.

2. SAFETY INFORMATION

WARNING: Read and follow all instructions carefully before installing or operating this product. Failure to do so could result in serious injury or death.

- Always disconnect power before servicing the pump.
- Ensure the pump is installed on a solid, level surface.
- Do not operate the pump if the power cord is damaged.
- Keep children away from the pump and pool area during operation.
- Ensure proper grounding to prevent electrical shock.
- Do not run the pump dry; always ensure it is primed with water.
- Consult a qualified electrician for electrical connections if unsure.

3. COMPONENTS OVERVIEW

The XtremepowerUS 1.5HP High Flow Pool Pump system typically includes the following main components:

- **Pump Unit:** Main motor and housing with strainer basket.
- **Strainer Basket:** Collects debris before it reaches the pump impeller.
- **Strainer Lid:** Clear lid for easy inspection of the basket.
- **Mounting Base:** Provides a stable platform for the pump and filter.
- **Hose Adapters:** For connecting hoses (may be sold separately).
- **Hose Clamps:** To secure hose connections.
- **Filter Unit (Sand Filter):** (If purchased as a system) Filters water from the pump.
- **Multi-port Valve:** Controls water flow through the filter (part of filter unit).



1.5 HP POWER
Strong 115V/60Hz, 15A motor at 3450 r/min.

Image: The XtremepowerUS 1.5HP High Flow Pool Pump unit, showing the motor and the strainer basket with its clear lid.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your pool pump system. Refer to the video below for a visual guide.

Your browser does not support the video tag.

Video: Installation guide for the XtremepowerUS 1.5HP Above Ground Pool Pump. This video demonstrates the steps for assembling the pump and connecting it to a pool filter and an above-ground pool.

4.1. Mounting the Pump

1. **Place Pump on Base:** Position the pump unit onto the mounting base. Ensure the pump's screw holes align with the corresponding holes on the base, typically marked with a triangle symbol.
2. **Insert Nuts:** Flip the mounting base over. Insert all four nuts into the designated mounting spaces on the underside of the base.
3. **Secure Pump:** Flip the mounting base back. Place the bolts into the screw holes and tighten all four bolts using a socket wrench until secure.



1.5 HP POWER

Strong 115V/60Hz, 15A motor at 3450 r/min.

Image: The pool pump securely mounted on its base, ready for hose connections.

4.2. Connecting Hoses

4. **Install Hose Adapters:** If not already installed, screw the hose adapters onto the pump's inlet and outlet ports.
Note: Hose adapters may not be included and might need to be purchased separately.
5. **Place Filter on Base:** If using a sand filter, place it onto the mounting base next to the pump.
6. **Prepare Hoses:** Secure the hoses and insert an O-ring into the hose fitting groove on both ends of each hose to ensure a watertight seal.
7. **Connect Pump to Filter:** Connect one hose from the pump's discharge port to the filter's inlet port. Twist the

connection tight.

8. **Connect Pool Outlet to Pump:** Connect a hose from the pool's outlet (skimmer or main drain) to the pump's intake hose adapter. Ensure the O-ring is properly seated and tighten the hose clamp.
9. **Connect Filter to Pool Return:** Connect a hose from the filter's return line port (marked as "POOL" on the multi-port valve) to the pool's return inlet. Tighten the hose clamp.



EFFICIENT MOTOR

Air-flow ventilation for quiet, cool performance.

Image: The XtremepowerUS pool pump and filter system fully connected to an above-ground pool, showing the hose routing.



SIMPLE CONNECTION

Easy-to-install 1.5-inch union connections.

Image: A close-up view of the hose connection to the pool pump, highlighting the secure fitting.

5. OPERATION

5.1. Priming the Pump

Before starting the pump for the first time or after cleaning the strainer basket, it is crucial to prime the pump to ensure it is filled with water. Running the pump dry can cause severe damage.

1. Ensure all valves are open, allowing water to flow from the pool to the pump.
2. Remove the strainer lid and fill the strainer housing with water until it overflows.
3. Replace the strainer lid and ensure it is securely tightened.
4. Turn on the pump. The pump should begin to draw water and expel air. If water does not flow within a few minutes, turn off the pump and repeat the priming process.

5.2. Starting the Pump

Once primed, plug the pump into a grounded electrical outlet. The pump will begin circulating water. Monitor the

pressure gauge on your filter (if applicable) to ensure it operates within the recommended range.



Image: Visual representation of the pump's high flow rate (90 GPM / 5,400 GPH) and 3450 RPM motor, indicating powerful water circulation.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your pool pump.

6.1. Cleaning the Strainer Basket

The pump features an extra-large debris basket with a clear cover, allowing you to easily see when it needs cleaning. A clogged basket reduces pump efficiency and can lead to damage.

1. **Turn Off Power:** Always turn off the pump and disconnect it from the power source before cleaning.
2. **Close Valves:** Close any isolation valves between the pool and the pump to prevent water flow.
3. **Remove Lid:** Unscrew and remove the clear strainer lid.
4. **Remove Basket:** Carefully lift out the strainer basket.
5. **Clean Basket:** Empty any debris from the basket and rinse it thoroughly with a garden hose.
6. **Inspect O-ring:** Check the lid's O-ring for cracks or wear. Replace if necessary.
7. **Reassemble:** Place the clean basket back into the housing, ensure the O-ring is properly seated, and securely tighten the lid.
8. **Prime Pump:** Follow the priming steps in Section 5.1 before restarting the pump.



LARGE DEBRIS BASKET

Reduces cleaning frequency with clear visibility.

Image: A close-up of the pump's large debris basket with a clear lid, designed for easy monitoring and reduced cleaning frequency.

6.2. Winterization

In colder climates, proper winterization is essential to prevent freeze damage. Consult your pool professional for specific winterization procedures for your pool type.

- Drain all water from the pump and filter.
- Disconnect hoses and store them in a dry, protected area.
- Store the pump in a warm, dry location during winter months.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your pool pump.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker, faulty motor.	Check power connection, reset breaker, contact support if motor is faulty.
Low water flow	Clogged strainer basket, air leak in suction line, low water level in pool, clogged filter.	Clean strainer basket, check hose connections for leaks, ensure adequate pool water level, backwash/clean filter.
Pump is noisy	Air in system, cavitation, worn bearings.	Prime pump, check for suction leaks, contact support for worn bearings.
Water leaking from pump	Loose connections, damaged O-rings/seals, cracked housing.	Tighten connections, replace O-rings/seals, contact support for cracked housing.

8. SPECIFICATIONS

Technical specifications for the XtremepowerUS 1.5HP High Flow Pool Pump, Model 75125:

Feature	Detail
Brand	XtremepowerUS
Model Number	75125
Horsepower	1.5 HP
Voltage	115V/60Hz
Amperage	15 Amps
Speed	3450 r/min
Maximum Flow Rate	90 GPM / 5,400 GPH
Inlet Internal Fitting	1.5" NPT
Maximum Temperature	122°F (50°C)
Waterproof Level	IPX5
Product Dimensions	22.5"L x 7.5"W x 10"H
Item Weight	25 Pounds
Power Source	Corded Electric
Specific Uses	Above-Ground Pool

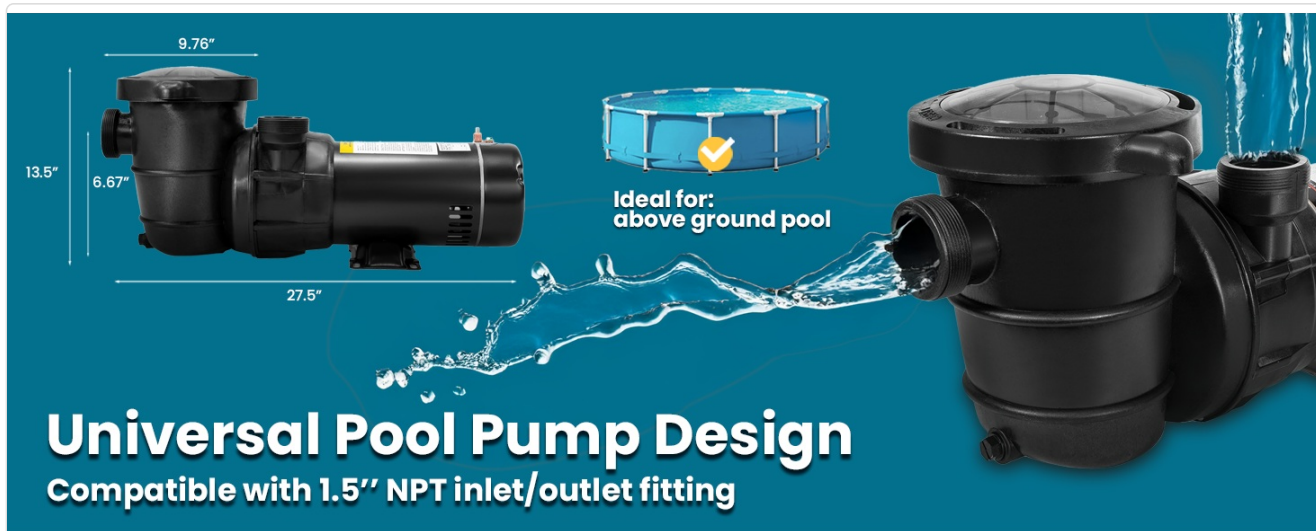


Image: Diagram illustrating the universal design and key dimensions of the XtremepowerUS pool pump, compatible with 1.5" NPT inlet/outlet fittings.

9. WARRANTY & SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact XtremepowerUS customer service. Refer to your product packaging or the official XtremepowerUS website for the most current contact details and warranty terms.

Website: [XtremepowerUS Official Store](#)