Manuals+
Q & A | Deep Search | Upload

XtremepowerUS 75410

XtremepowerUS 3.0HP SuperFlow Variable Speed Pool Pump

Model: 75410

Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your XtremepowerUS 3.0HP SuperFlow Variable Speed Pool Pump. Please read all instructions carefully before installation and use to ensure optimal performance and longevity of the product. This pump is designed for efficient water circulation in in-ground and above-ground pools, spas, and aquaculture systems.

Safety Information

WARNING: Failure to follow these instructions can result in serious injury or death.

- Always disconnect power to the pump before performing any service or maintenance.
- Installation must be performed by a qualified professional in accordance with all local and national electrical and plumbing codes.
- Ensure the pump is properly grounded to prevent electrical shock.
- Do not operate the pump if it is damaged or has exposed electrical wiring.
- Keep children and pets away from the pump during operation.
- This pump operates on 220-240 Volts. Verify your power supply matches the pump's requirements.

Package Contents

Verify that all components are present before beginning installation:

- XtremepowerUS 3.0HP SuperFlow Variable Speed Pool Pump (Model 75410)
- 1.5-inch Adapter Ports (2)
- 2-inch Adapter Ports (2)
- O-rings for adapters (2)
- Instruction Manual

Image: The XtremepowerUS pool pump includes both 1.5-inch and 2-inch adapter fittings and O-rings for versatile plumbing connections.

Specifications

Feature	Specification
Brand	XtremepowerUS
Model Number	75410
Horsepower	3.0 HP
Maximum Flow Rate	9720 GPH
Inlet/Outlet Size	1.5" & 2" (with included adapters)
Input Voltage	230V, 60Hz, 10.0 Amps

Product Dimensions	25.5"L x 11"W x 13.7"H
Item Weight	47 Pounds
Material	Metal, PPGF30 (Reinforced Thermoplastic)
Specific Uses	In-Ground Pool, Above-Ground Pool, Spa, Aquaculture

Image: A visual representation of the XtremepowerUS pool pump with key specifications highlighted, including horsepower, flow rate, and electrical requirements.

Image: The physical dimensions of the XtremepowerUS pool pump are shown, indicating its length, width, and height for installation planning.

INSTALLATION

1. Pre-Installation Checks

- Ensure the installation site is level, well-ventilated, and protected from direct sunlight and excessive moisture.
- Confirm that the power supply matches the pump's 220-240V requirement.
- Gather all necessary plumbing tools and materials.

2. Mounting the Pump

Secure the pump to a solid, level base using appropriate fasteners. This will minimize vibration and noise during operation.

3. Plumbing Connections

1. Identify the inlet (suction) and outlet (discharge) ports on the pump.

2. Attach the appropriate 1.5-inch or 2-inch adapter ports to your plumbing lines using PVC cement or thread sealant, ensuring a watertight seal.
3. Connect the pool's suction line to the pump's inlet and the return line to the pump's outlet.
4. Ensure all connections are tight to prevent air leaks, which can affect pump performance.

4. Electrical Connections

IMPORTANT: Electrical wiring should only be performed by a licensed electrician.

- Ensure the main power supply is OFF at the circuit breaker before making any electrical connections.
- Connect the pump to a dedicated 220-240V, 60Hz circuit with appropriate overcurrent protection.
- Properly ground the pump according to local electrical codes.
- Verify all wiring connections are secure and insulated.

5. Priming the Pump

1. Before starting the pump, ensure the filter basket is clean and filled with water.
2. Open all suction and return line valves.
3. Turn on the pump. It may take a few minutes for the pump to prime and begin circulating water. If it does not prime within 5 minutes, turn it off, check for air leaks, and repeat the process.

Operation

The XtremepowerUS SuperFlow pump features an easy-to-use interface with variable speed control and a programmable timer.

Image: The XtremepowerUS pool pump with its control panel visible, highlighting its high efficiency and energy-saving capabilities at various power levels.

Control Panel Overview

The control panel allows you to adjust pump speed, set timers, and activate special modes. Refer to the markings on the panel for specific button functions.

Variable Speed Settings

This pump offers infinitely variable speed control, allowing you to optimize flow for different pool needs and save energy. Lower speeds are suitable for routine filtration, while higher speeds are used for backwashing or operating pool cleaners.

- Use the **+** and **-** buttons to increase or decrease the RPM (revolutions per minute) or flow rate.
- The digital display will show the current speed or programmed setting.

Timer Programming

The 24-hour timer allows for up to 4 customizable periods, enabling automated operation.

1. Press the 'Timer' button to enter programming mode.
2. Use the **+** and **-** buttons to set the start time and duration for each period.
3. Adjust the desired speed (RPM) for each programmed period.
4. Save your settings before exiting programming mode.

Quick Clean Mode

Activate the Quick Clean Mode for maximum cleaning efficiency. This mode typically runs the pump at a higher speed for a set duration to quickly circulate and filter the pool water.

- Press the 'Quick Clean' button on the control panel.
- The pump will operate at a high RPM (e.g., 3450 RPM) for a pre-set or adjustable period.

Your browser does not support the video tag.

Video: This video demonstrates the features and operation of the XtremepowerUS variable speed pool pump, including its programmable settings and energy efficiency.

Maintenance

1. Filter Basket Cleaning

The oversized filter basket collects debris and requires regular cleaning to maintain pump efficiency.

1. Turn off the pump and disconnect power.
2. Remove the clear lid of the filter basket.
3. Lift out the basket and empty any collected debris.
4. Rinse the basket thoroughly with water.
5. Inspect the O-ring on the lid for damage and ensure it is properly seated before replacing the lid.
6. Securely fasten the lid.

2. General Care

- Regularly inspect the pump for any signs of wear, leaks, or damage.
- Keep the area around the pump clean and free of obstructions to ensure proper ventilation.
- The unique removable rain cover helps protect the motor from rainwater erosion, prolonging its life. Ensure it is properly in place.

3. Winterization

In colder climates, proper winterization is crucial to prevent damage from freezing.

- Drain all water from the pump and plumbing lines.
- Store the pump in a dry, frost-free location if possible, or ensure it is completely drained and protected from freezing temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker, faulty wiring	Check power supply, reset breaker, inspect wiring (by qualified electrician)

Pump runs but no water flow	Not primed, air leak, clogged basket/impeller	Prime the pump, check for air leaks in plumbing, clean filter basket and impeller
Low water flow	Clogged filter basket, partially closed valves, low water level	Clean filter basket, open all valves, ensure adequate pool water level
Excessive noise/vibration	Air leak, loose mounting, debris in impeller	Check for air leaks, tighten mounting bolts, clean impeller
Pump shuts off unexpectedly	Overheating, electrical issue	Ensure proper ventilation, check for clogs, consult electrician for electrical issues

Warranty and Support

XtremepowerUS products are manufactured to high-quality standards. For warranty information, technical support, or replacement parts, please refer to the contact information provided with your purchase documentation or visit the official XtremepowerUS website. Keep your purchase receipt as proof of purchase for warranty claims.

© 2026 XtremepowerUS. All rights reserved.