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› XtremepowerUS 1.5HP Variable Speed Above Ground Swimming Pool Pump Instruction Manual

XtremepowerUS 75025

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Model: 75025 | Brand: XtremepowerUS

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your XtremepowerUS 1.5HP Variable Speed Above Ground Swimming Pool Pump. Designed for above-ground pools and spas, this pump features a digital control interface, variable speed settings, and a programmable timer for optimal performance and energy efficiency.

2. SAFETY INFORMATION

Important Safety Instructions: Read and follow all instructions before installing and operating this product. 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 and 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 any parts are damaged or missing.
- Keep children away from the pump and pool equipment area.
- The pump is designed for above-ground pool use only.
- This product is safety certified to meet specific product standards and requirements.

3. PRODUCT OVERVIEW

The XtremepowerUS 1.5HP Variable Speed Pool Pump is engineered for durability and efficient water circulation. Key components include:

- **Digital Control Interface:** Provides easy access to speed settings and timer functions.
- **1.5 HP Motor:** High-performance motor with built-in airflow ventilation and thermal overload protection for quiet and smooth operation.
- **Corrosion-Proof Polymeric Housing:** Ensures long-lasting durability.
- **Clear Lid Design:** Allows for easy monitoring of the pump basket and debris levels.
- **1.5" Fitting Adapter:** Included for versatile connection options.



Figure 3.1: Overview of the XtremepowerUS 1.5HP Variable Speed Pool Pump.

4. SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and longevity. This pump is specifically designed for above-ground pools.

1. **Placement:** Position the pump on a solid, level surface, close to the pool and filter system. Ensure adequate ventilation around the motor.
2. **Plumbing Connections:** Connect the pump to your pool's filtration system using the provided 1.5" fitting adapters. Ensure all connections are tight to prevent leaks.
3. **Electrical Connection:** Connect the pump to a dedicated, grounded electrical outlet. Verify that the voltage matches the pump's requirements (115/230V). Consult a qualified electrician if unsure.
4. **Priming the Pump:** Before starting, ensure the pump basket is filled with water to prime the system.



Figure 4.1: Example setup of the pool pump with an above-ground pool and filter.

5. OPERATING INSTRUCTIONS

The pump features an intuitive LCD control panel for managing its operation.



Figure 5.1: The LCD control panel for speed and timer settings.

5.1. Control Panel Functions

- **LCD Screen:** Displays current wattage consumption, speed settings, and timer information.
- **Pre-set Modes:**
 - **ECO (Default 1500 RPM):** Energy-saving mode for continuous filtration.
 - **CLEAN (Default 2400 RPM):** Higher speed for routine cleaning.
 - **BOOST (Default 3250 RPM):** Maximum speed for quick cleaning or backwashing.
- **Custom Speed Adjustment:** Quick-start button speeds can be adjusted between 1000 to 3450 RPM using the up/down arrows.
- **24-Hour Timer:** Customize operating schedules with specific speeds and durations for efficiency.

5.2. Initial Start-up

1. Ensure the pump is primed and all connections are secure.

2. Turn on the power supply to the pump.
3. Use the control panel to select a desired operating mode (ECO, CLEAN, or BOOST) or set a custom speed.
4. Program the 24-hour timer as needed for automated operation.

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Video 5.2.1: Official product video demonstrating the XtremepowerUS 1.5HP Variable Speed Above Ground Swimming Pool Pump in operation, highlighting its features and quiet performance.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pump.

- **Basket Cleaning:** Periodically check and clean the pump's clear lid basket to remove debris. Turn off the pump before opening the lid.
- **Inspect Seals and O-rings:** Check for wear and tear on seals and O-rings. Replace as needed to prevent leaks.
- **Motor Ventilation:** Ensure the motor's ventilation areas are clear of obstructions to prevent overheating.
- **Winterization:** In colder climates, follow proper winterization procedures to protect the pump from freezing temperatures.



Figure 6.1: The clear lid allows for easy visual inspection of the pump basket.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Pump not starting or running	No power, tripped breaker, motor overload, clogged impeller.	Check power supply and breaker. Reset motor overload. Inspect and clear impeller.
Low water flow	Clogged skimmer/pump basket, dirty filter, air leak in suction line, low water level.	Clean baskets and filter. Check for air leaks. Ensure adequate pool water level.

Problem	Possible Cause	Solution
Pump making unusual noise	Air leak, cavitation, worn bearings, debris in impeller.	Check for air leaks. Ensure proper water flow. Inspect impeller for debris. Contact support if bearings are suspected.
E300 Error Code	Indicates an issue with low-speed operation or capacity.	Increase RPM above 1500. If the issue persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	XtremepowerUS
Model Number	75025
Horsepower	1.5 HP
Voltage	115 Volts
Maximum Flow Rate	81 Gallons Per Minute (4900 GPH)
Maximum Lifting Height	59 Feet
Variable Speed Range	1000 - 3450 RPM
Product Dimensions	24.25"L x 10.25"W x 10"H
Item Weight	26.2 Pounds
Material	Metal, PPGF30
Waterproof Level	IPX5
Max Temperature	Up to 122°F

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or contact XtremepowerUS directly. Note that some extended warranties may require professional installation for activation.

Manufacturer: XtremepowerUS

UPC: 812365037702

