Pentair 011065

INTELLIFLO3 1.5HP VSF Pool Pump User Manual

Model: 011065

Your guide to efficient pool pump operation and maintenance.

1. Introduction

The Pentair INTELLIFLO3 1.5HP VSF (Variable Speed and Flow) pool pump is designed to provide superior energy efficiency and quiet operation for your swimming pool. This manual provides essential information for the safe installation, operation, and maintenance of your new pump, ensuring optimal performance and longevity.

2. Important Safety Information

WARNING: Read and follow all instructions in this manual and on the equipment. Failure to follow instructions can cause severe injury, death, or property damage.

- Always disconnect power to the pump before servicing.
- Installation must be performed by a qualified professional and comply with all local and national electrical and plumbing codes.
- Do not operate the pump if it is damaged.
- Ensure proper grounding and bonding to prevent electrical shock.
- Keep children away from the pump and pool equipment area.

3. Setup and Installation

Proper installation is crucial for the performance and safety of your INTELLIFLO3 pump. Consult a certified pool professional for installation.



Image: Side view of the Pentair INTELLIFLO3 1.5HP VSF pool pump, showing its compact design and connections.

1. **Placement:** Install the pump as close to the pool as possible to minimize friction loss. Ensure the location is well-ventilated, protected from direct sunlight and excessive moisture, and allows for proper drainage.
2. **Plumbing:** Use appropriate pipe sizes (typically 2-inch or 2.5-inch) to match the pump's ports. Ensure all connections are watertight and free of air leaks. Use unions for easy removal and servicing.
3. **Electrical Wiring:** Connect the pump to a dedicated circuit breaker. Ensure the voltage and amperage match the pump's requirements as specified on the motor label. All wiring must comply with local and national electrical codes.
4. **Priming:** Before starting, ensure the pump is filled with water. Open the skimmer and main drain valves, and remove the pump lid to fill the basket with water. Replace the lid securely.



Image: Angled view of the Pentair INTELLIFLO3 1.5HP VSF pool pump, highlighting the inlet and outlet ports.

4. Operating Instructions

The INTELLIFLO3 pump features a user-friendly interface for setting schedules and speeds.



Image: Top view of the Pentair INTELLIFLO3 1.5HP VSF pool pump with its control panel cover open, revealing the digital display.

- **Power On:** Once installed and primed, turn on the power at the circuit breaker. The pump's display will illuminate.
- **Initial Setup:** Follow the on-screen prompts to configure initial settings, including date, time, and basic pool parameters.
- **Setting Schedules:** Use the control panel or the Pentair Home app to set daily operating schedules. Variable speed pumps save energy by running at lower speeds for longer durations.
- **Manual Operation:** For tasks like vacuuming or backwashing, you can temporarily override the schedule and run the pump at a higher speed.
- **Flow and Speed Adjustment:** The pump automatically adjusts flow to maintain desired performance, but you can manually set specific RPMs or GPM (Gallons Per Minute) if needed.

5. Maintenance

Regular maintenance ensures the longevity and efficiency of your pump.

- **Pump Basket Cleaning:** Regularly inspect and clean the pump's strainer basket. Turn off the pump, relieve pressure, remove the lid, empty debris, and rinse the basket. Reinstall and prime the pump.
- **O-Ring Lubrication:** Periodically lubricate the pump lid O-ring with a silicone-based lubricant to maintain a good seal and prevent cracking.
- **Winterization:** In colder climates, follow proper winterization procedures to prevent freezing damage. This typically involves draining the pump and plumbing lines. Consult your pool professional for specific instructions.
- **General Inspection:** Routinely check for any unusual noises, leaks, or signs of wear. Address any issues promptly.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Pump not starting	No power; tripped breaker; motor issue	Check circuit breaker; ensure power supply; consult professional if motor is faulty.
Low water flow	Clogged strainer basket; air leak in suction line; dirty filter	Clean strainer basket; check for air leaks; clean or backwash filter.
Pump losing prime	Air leak in suction line; low water level in pool; clogged skimmer/main drain	Inspect suction lines for leaks; ensure adequate pool water level; clear skimmer/main drain.
Unusual noise	Cavitation (air in pump); worn bearings; debris in impeller	Check for air leaks; inspect impeller for debris; professional service for bearings.

7. Specifications

Technical specifications for the Pentair INTELLIFLO3 1.5HP VSF Pool Pump (Model 011065).

Specification	Detail
Brand	Pentair
Model Number	011065
Horsepower	1.5 HP
Item Weight	45 Pounds
Product Dimensions	28 x 18 x 15.8 inches
Manufacturer	PENTAIR WATER POOL AND SPA, IN
UPC	788379886103
ASIN	B0C3JNRWMN
Date First Available	June 27, 2024

8. Warranty and Support

For detailed warranty information and technical support, please refer to the documentation included with your product or visit the official Pentair website. Pentair provides comprehensive support and resources for their products.
Pentair Official Website: www.pentair.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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