Swimline 71206

SWIMLINE HYDROTOOLS Above-Ground Pool Motor Pump Instruction Manual

Model: 71206 | Brand: Swimline

1. Product Overview

The SWIMLINE HYDROTOOLS Hydro-Flo 0.3 HP Pool Motor Pump is designed for efficient and quiet operation in above-ground and on-ground pools, hot tubs, spas, thermal springs, and garden irrigation systems. It features a professional-grade impeller motor with wide openings to maximize flow and minimize clogging. Constructed from commercial-grade thermoplastic, it is built to withstand corrosion, UV rays, and long-term wear. An automatic thermal air-flow ventilation system ensures durability and longevity. This pump is compliant with all DOE, ETL, CSA, and UL security standard certifications.



Figure 1: SWIMLINE HYDROTOOLS 0.3 HP Pool Motor Pump.

Key Features:

- **Powerful Flow:** 0.3 HP motor with 2220 GPH (Gallons Per Hour) flow rate, 3450 RPM, and 30 Ft. Water Lift.
- **Versatile Compatibility:** Compatible with sand, cartridge, and DE filters. Suitable for various water circulation needs.
- **Durable Construction:** Made from commercial-grade thermoplastic for resistance against corrosion, UV rays, and wear.
- **Thermal Protection:** Features an automatic thermal air-flow ventilation system.
- **Certified Safety:** Compliant with DOE, ETL, CSA, and UL security standards.



Figure 2: Key features highlighting durable materials and design.



Figure 3: Versatile applications of the Hydro-Flo pump.

2. Safety Information

Please read and understand all instructions before installing or operating this pump. Failure to follow these instructions could result in serious injury or death.

- **Electrical Safety:** Always disconnect power to the pump before performing any service or maintenance. Ensure all electrical connections are made by a qualified electrician and comply with local codes.
- **Water Safety:** Never operate the pump dry. Ensure the pump is filled with water before starting to prevent damage and overheating.
- **Installation:** Install the pump in a well-ventilated area, away from direct sunlight and excessive moisture. Ensure proper grounding.
- **Children:** Keep children away from the pump and all pool equipment.
- **Maintenance:** Only perform maintenance as described in this manual. For complex issues, consult a qualified technician.

3. Setup

3.1 Unpacking and Inspection

Carefully remove the pump from its packaging. Inspect for any signs of shipping damage. Report any damage to your supplier immediately.

3.2 Location

Choose a location that is level, well-drained, and provides adequate ventilation. The pump should be as close to the pool as possible to minimize friction loss in the plumbing.

3.3 Plumbing Connections

Connect the pump to your existing pool filtration system using appropriate PVC piping and fittings. Ensure all connections are watertight. The pump is designed for vertical discharge, but can be converted to horizontal discharge with proper modifications.



Figure 4: Pump connected to a typical pool filter system.

3.4 Electrical Connections

All electrical wiring must be performed by a licensed electrician and conform to local electrical codes. Ensure the power supply matches the pump's voltage requirements (115V, 60Hz). The pump is thermally protected.



Figure 5: Motor label showing electrical specifications and wiring details.

4. Operating Instructions

4.1 Initial Startup (Priming the Pump)

Before starting the pump for the first time, or after draining the system, it is crucial to prime the pump. This involves filling the pump with water to properly onboard and avoid overheating. Remove the lid of the pump's strainer basket and fill the basket and suction line with water until it overflows. Replace the lid securely. Once primed, turn on the power to the pump.

4.2 Daily Operation

The pump is designed for continuous operation to maintain water circulation and filtration. The optimal run time depends on pool size, usage, and environmental factors. Consult your pool professional for recommended daily run times.

5. Maintenance

5.1 Strainer Basket Cleaning

Regularly inspect and clean the pump's strainer basket. Turn off the pump and disconnect power. Remove the strainer basket lid, lift out the basket, and empty any debris. Rinse the basket thoroughly and replace it, ensuring the lid is sealed properly to prevent air leaks.

5.2 Motor Ventilation

Ensure the motor's ventilation openings are clear of debris to allow for proper air circulation and prevent overheating. The pump features an automatic thermal air-flow ventilation system.

5.3 Winterization

In areas subject to freezing temperatures, the pump must be properly winterized to prevent damage. Consult a pool professional for specific winterization procedures for your system.

6. Troubleshooting

Problem	Possible Cause	Solution
Pump does not start	No power; tripped breaker; motor overload; seized impeller.	Check power supply and breaker. Allow motor to cool if overloaded. Consult technician if impeller is seized.
Low water flow / No prime	Strainer basket clogged; air leak in suction line; low water level in pool; pump not primed.	Clean strainer basket. Check for air leaks. Ensure adequate pool water level. **Fill the pump with water during first use to properly onboard & avoid overheating.**
Excessive noise	Air leak in suction line; cavitation (lack of water); worn bearings.	Check for air leaks. Ensure pump is properly primed and water level is sufficient. Consult technician for worn bearings.
Pump overheating	Insufficient water flow; poor ventilation; motor issues.	Ensure proper water flow and clear ventilation. Check for clogs. If problem persists, consult technician.

7. Specifications

Attribute	Value
Brand	Swimline
Model Number	71206
Horsepower (HP)	0.3 HP
Flow Rate	2220 GPH
RPM	3450 RPM
Maximum Water Lift	30 Ft.
Voltage	115V
Frequency	60 Hz
Material	Thermoplastic (Plastic)
Color	Black
Product Dimensions	12.25 x 6.38 x 8.13 inches
Item Weight	9.22 pounds
Style	Vertical Discharge (Can be converted to Horizontal)

Attribute	Value
UPC	723815712066

8. Warranty and Support

SWIMLINE HYDROTOOLS offers a **1-year guarantee** against manufacturing defects for this pump. For customer service inquiries or to claim warranty, please refer to the contact information provided with your product packaging or visit the official Swimline website.
For additional support and product information, you may visit theSwimline Store on Amazon.

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