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› Aquastrong 2/3 HP Above Ground Pool Pump with Timer (Model PSP060T-PU) Instruction Manual

AQUASTRONG PSP060T-PU

Aquastrong 2/3 HP Above Ground Pool Pump with Timer

Model: PSP060T-PU

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Aquastrong 2/3 HP Above Ground Pool Pump with Timer. Please read these instructions thoroughly before installation and use to ensure optimal performance and longevity of the product. Keep this manual for future reference.



The Aquastrong 2/3 HP Above Ground Pool Pump, featuring a built-in timer and a navy blue finish.

2. SAFETY INFORMATION

WARNING: Always disconnect power before servicing the pump. This pump is designed for above-ground swimming pools only. Do not operate the pump dry. Ensure all electrical connections are made by a qualified electrician and comply with local codes.

- Read all instructions before using this product.
- Ensure the power supply matches the pump's voltage requirements (115V).
- Proper grounding is essential to reduce the risk of electric shock.
- Keep children away from the pump and electrical connections.
- Do not run the pump without water, as this can cause severe damage.
- The 6ft cord is UL tested for safety. Ensure it is not damaged or frayed.



The pump features a safe, UL-certified power cord for reliable operation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Aquastrong Pool Pump (Model PSP060T-PU)
- Filter Basket
- 1.25" & 1.5" ID Inlet/Outlet Adapters
- User Manual

4. SETUP AND INSTALLATION

4.1 Placement

Place the pump on a solid, level surface as close to the pool as possible to minimize friction loss from plumbing. Ensure adequate ventilation and protection from direct sunlight and harsh weather conditions. The pump should be accessible for maintenance.

4.2 Plumbing Connections

The pump is equipped with 1.25" and 1.5" ID inlet and outlet ports. Use the appropriate adapters for your pool's plumbing. Ensure all connections are tight to prevent air leaks, which can affect priming and pump performance.



Continuous Duty Motor

- Strong power produces high flow, more efficient pool circulation.
- Stable operation and ultra-low noise.



Illustration of different hose connection methods for the pump's inlet and outlet.

4.3 Priming the Pump

Before starting the pump for the first time, or after cleaning the filter basket, the pump must be primed. Fill the pump housing with water through the skimmer or by removing the filter basket lid and pouring water directly into the basket until the water level is above the pump's inlet. Replace the lid securely. The pump is self-priming, but initial manual priming assists in faster startup.

4.4 Electrical Connection

Connect the pump to a properly grounded 115V electrical outlet. Ensure the circuit is protected by a Ground Fault Circuit Interrupter (GFCI). Do not use extension cords. The pump includes an earthing terminal; connect a lightning ground wire if required by local regulations.

AQUASTRONG®



Built-in Automatic Pool Timer



Detailed view of the pump components, including inlet/outlet, filter basket, motor, power cord, earthing terminal, and timer.

5. OPERATING INSTRUCTIONS

5.1 Initial Start-up

1. Ensure the pump is properly primed and all connections are secure.
2. Plug the pump into a grounded 115V GFCI outlet.
3. Press the ON/OFF button to start the pump. Observe for proper water flow.

5.2 Setting the Built-in Timer

The pump features a 24-hour programmable timer with nine selectable operating hours (2, 4, 6, 8, 10, 12, 14, 16, 24 hours).

1. **Step 1:** Determine the desired daily start time. The time you activate the timer becomes the daily start time.
2. **Step 2:** Press the 'TIMER' button repeatedly to cycle through the available running hours (indicated by illuminated

LEDs). Select the desired duration.

3. **Step 3:** The pump will now run for the set number of hours each day, starting at the time you initially set the timer.



Visual guide for setting the swimming pool timing plan on the pump's control panel.

SIMPLE SETUP



Nine selectable operating hours

The time activate the timer becomes the daily start time.

The pump's control panel displaying the nine selectable operating hours for the built-in timer.

6. MAINTENANCE

6.1 Filter Basket Cleaning

Regularly check and clean the large filter basket to ensure efficient operation and prevent debris from entering the pump. The transparent lid allows for easy visual inspection.

1. **Step 1:** Disconnect power to the pump.
2. **Step 2:** Turn the transparent lid counter-clockwise to remove it.
3. **Step 3:** Lift out the filter basket and empty any collected debris (leaves, hair, grit, etc.).
4. **Step 4:** Rinse the basket thoroughly with water.
5. **Step 5:** Place the clean basket back into the pump housing, ensuring it is seated correctly.
6. **Step 6:** Replace the lid and turn clockwise until securely tightened. Reconnect power.

SWIMMING POOL TIMING PLAN

In just three steps



Step 1
Select daily start time



Step 2
Set running hours



Step 3
Turn on the pump

TIPS:

The time you set the timer will be recorded as a fixed daily start time.

The extra-large filter basket is designed to collect debris, making it easy to check and clean.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; tripped GFCI; motor overload.	Check power connection; reset GFCI; allow motor to cool and restart.
Pump runs but no water flow	Pump not primed; air leak in suction line; clogged filter basket.	Prime the pump; check all connections for tightness; clean filter basket.
Low water flow	Clogged filter basket; restricted plumbing; low water level in pool.	Clean filter basket; check plumbing for obstructions; ensure adequate pool water level.

Problem	Possible Cause	Solution
Excessive noise	Air leak in suction; cavitation; worn bearings.	Check for air leaks; ensure proper water flow to pump; contact support if bearings are suspected.

8. SPECIFICATIONS

- Model:** PSP060T-PU
- Horsepower:** 2/3 HP
- Voltage:** 115 Volts
- Frequency:** 60Hz
- Maximum Flow Rate:** 3000 GPH (50 Gallons Per Minute)
- Maximum Lifting Height:** 40 Feet (Max Head: 35ft mentioned in image)
- Inlet/Outlet ID:** 1.25" & 1.5" (with adapters)
- Material:** Cast Iron, Plastic
- Product Dimensions (L x W x H):** 18" x 7" x 10"
- Cord Length:** 6 ft (UL certified)

AQUASTRONG®



Extra-Large Filter Basket For



Leaf



Hair



Branch



Grit

Overview of the Aquastrong pump's key performance specifications.

Suitable for 12-16 inch sand tanks



The pump features a continuous duty motor designed for efficient and quiet operation.

9. WARRANTY & SUPPORT

9.1 Warranty Information

Aquastrong products come with a **TWO-YEAR warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty ensures your water system remains stable and worry-free.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Aquastrong customer support. Refer to the product packaging or the official Aquastrong website for the most current contact information.

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