

Sobo WP-6000

Sobo WP-6000 4000 L/Hr Head Motor Instruction Manual

Model: WP-6000

INTRODUCTION

The Sobo WP-6000 Head Motor is a high-performance submersible pump designed for efficient water circulation and transfer in both freshwater and saltwater aquarium systems. It is ideal for use in sump tanks, providing reliable and quiet operation. This manual provides essential information for the safe and effective setup, operation, and maintenance of your WP-6000 Head Motor.

SETUP INSTRUCTIONS

- Unpacking:** Carefully remove the head motor and all accessories from the packaging. Inspect for any damage.
- Placement:** The Sobo WP-6000 is designed for fully submersible operation. Place the pump securely at the desired location within your aquarium or sump tank, ensuring it is completely submerged in water before powering on.
- Output Connection:** Connect appropriate tubing (not included) to the pump's output nozzle. Ensure a tight fit to prevent leaks.
- Power Connection:** Before plugging in, ensure your hands are dry and the power outlet matches the pump's voltage requirements. Plug the power cord into a grounded electrical outlet.



Image: Sobo WP-6000 Head Motor. This image shows the compact design of the submersible pump, typically used for water circulation in aquariums or sumps.

OPERATING INSTRUCTIONS

- **Initial Start-up:** After setup, ensure the pump is fully submerged. Plug in the power cord. The pump should start immediately, circulating water.
- **Continuous Operation:** The WP-6000 is designed for continuous operation. Monitor the water flow and pump performance regularly.
- **Flow Rate:** The pump provides a flow rate of 4000 liters per hour (L/Hr).
- **Maximum Head Height:** The pump can push water up to a maximum height of 4 meters.
- **Power Off:** To turn off the pump, simply unplug it from the electrical outlet. Always unplug the pump before performing any maintenance or adjustments.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Sobo WP-6000 Head Motor.

1. **Safety First:** Always unplug the pump from the power outlet before attempting any cleaning or

maintenance.

- 2. **Impeller Cleaning:** Over time, debris can accumulate around the impeller, reducing efficiency. Carefully remove the pump's front cover and impeller assembly. Clean the impeller and its housing with a soft brush and clean water.
- 3. **Ceramic Shaft:** The pump features a long-life ceramic shaft. Inspect it for any signs of wear or damage during cleaning. Avoid using abrasive materials that could scratch the shaft.
- 4. **Reassembly:** After cleaning, reassemble the pump components securely. Ensure all parts are correctly seated before returning the pump to the water and plugging it in.
- 5. **Frequency:** Perform routine cleaning every 2-4 weeks, or more frequently if you notice reduced flow or increased noise.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; Impeller jammed; Air lock	Check power connection; Clean impeller; Ensure pump is fully submerged and free of air bubbles.
Low water flow	Clogged impeller or intake; Kinked tubing; Insufficient water level	Clean impeller and intake; Straighten tubing; Ensure adequate water level.
Excessive noise or vibration	Debris in impeller; Worn impeller or shaft; Pump not stable	Clean impeller; Inspect impeller and ceramic shaft for damage; Secure pump firmly in place.

SPECIFICATIONS

- **Brand:** Sobo
- **Model:** WP-6000
- **Power Consumption:** 85 Watts
- **Flow Rate:** 4000 Liters/Hour (L/Hr)
- **Maximum Head Height:** 4 meters
- **Operation Type:** Fully Submersible
- **Shaft Material:** Long-life Ceramic
- **Application:** Freshwater and Saltwater Aquariums (Sump Tanks)

WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not available in the provided data. Please refer to the product packaging or contact your retailer for details on warranty coverage and technical assistance.

