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> SOBO WP-7000 Submersible Power Head Instruction Manual

SOBO WP-7000

SOBO WP-7000 Submersible Power Head Instruction Manual

Model: WP-7000 | Brand: SOBO

1. INTRODUCTION

Thank you for choosing the SOBO WP-7000 Submersible Power Head. This pump is designed for efficient water circulation and lifting in various aquatic applications, including aquariums, ponds, fountains, and sump filter systems. It features a completely submersible motor, quiet operation, and a durable ceramic shaft suitable for both fresh and saltwater environments. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance.

2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before performing any maintenance or installation on the pump.
- Ensure the pump is fully submerged in water during operation to prevent overheating and damage.
- Do not operate the pump if the power cord or plug is damaged.
- This pump is designed for water circulation only. Do not use it for flammable liquids or other non-aquatic purposes.
- Keep out of reach of children.
- Ensure the electrical outlet is properly grounded and protected by a Residual Current Device (RCD) or Ground Fault Circuit Interrupter (GFCI).
- The pump is suitable for AC 220-240V, 50/60Hz power supply. Verify your local power specifications match these requirements.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- SOBO WP-7000 Submersible Power Head
- Output Nozzles/Adapters (various sizes)

- Suction Cups (for secure mounting)
- User Manual (this document)



Image: The SOBO WP-7000 pump shown with its included accessories, including different sized output nozzles and suction cups for mounting.

4. SETUP AND INSTALLATION

1. **Unpack and Inspect:** Carefully remove the pump and all accessories from the packaging. Inspect for any visible damage.
2. **Choose Placement:** Select a suitable location within your aquarium, pond, or sump where the pump can be fully submerged and provide optimal water circulation.
3. **Attach Output Nozzle:** Select the appropriate output nozzle or adapter for your hose size and attach it securely to the pump's outlet. Ensure a tight fit to prevent leaks.
4. **Secure Pump:** Attach the provided suction cups to the bottom or side of the pump. Press the pump firmly against a clean, smooth surface inside the water body to secure it in place. Ensure it is stable and will not shift during operation.
5. **Submerge Pump:** Place the pump into the water, ensuring it is completely submerged before connecting to power.
6. **Connect Power:** Plug the power cord into a suitable, grounded electrical outlet.



Image: Side view of the SOBO WP-7000 submersible pump, illustrating its compact design for easy placement.

5. OPERATING INSTRUCTIONS

Once the pump is installed and fully submerged, it is ready for operation:

- **Power On:** Turn on the power at the electrical outlet. The pump will immediately begin to circulate water.
- **Monitor Flow:** Observe the water flow to ensure it is consistent and meets your requirements. The WP-7000 has a maximum flow rate of 5500 L/H and a maximum lifting height of 5 meters.
- **Continuous Operation:** This pump is designed for continuous operation. However, regular checks for blockages and proper functioning are recommended.
- **Power Off:** To stop the pump, simply turn off the power at the electrical outlet.

SOBO®

aquarium submersible pump 水陆两用潜水泵



WP-7000

AC 220-240V 50/60Hz 105W
H.MAX:5M F.MAX:5500L/H

- Completely submersible motor
- Extremely quiet operation
- Suction cups to fit any aquariums
- Long lasting wearproof ceramic shaft
- Suitable for fresh and sea water appliances



Image: The SOBO WP-7000 submersible pump displayed alongside its retail packaging, highlighting the product's branding.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your SOBO WP-7000 pump.

1. **Disconnect Power:** Always unplug the pump from the power source before any maintenance.
2. **Remove from Water:** Carefully remove the pump from its submerged location.
3. **Clean Intake Screen:** The pump has an intake screen to prevent large debris from entering. Regularly clean this screen to ensure unrestricted water flow.
4. **Access Impeller:** Depending on the pump design, you may need to remove the front cover to access the impeller chamber. Gently remove the impeller and clean any accumulated debris, algae, or mineral deposits from the impeller and its housing.
5. **Inspect Ceramic Shaft:** The pump features a wear-proof ceramic shaft. Inspect it for any signs of damage or excessive wear. Replace if necessary.
6. **Rinse Components:** Rinse all cleaned components with clean water.
7. **Reassemble:** Carefully reassemble the pump, ensuring all parts are correctly seated and secured.
8. **Reinstall:** Place the pump back into the water and reconnect the power.



Image: Front view of the SOBO WP-7000 submersible pump, highlighting the water intake area which should be kept clear for optimal performance.

7. TROUBLESHOOTING

If you encounter issues with your SOBO WP-7000 pump, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Pump does not start	No power supply Impeller jammed Damaged motor	Check power connection and outlet Clean impeller and housing Contact customer support
Reduced water flow	Clogged intake screen Blocked impeller Kinked hose	Clean intake screen Clean impeller and housing Straighten or replace hose
Excessive noise/vibration	Impeller obstructed or damaged Pump not securely mounted	Clean or replace impeller Re-secure pump with suction cups
Pump runs but no water flow	Air lock Impeller not spinning	Ensure pump is fully submerged and gently shake to release air Check and clean impeller

8. SPECIFICATIONS

Detailed technical specifications for the SOBO WP-7000 Submersible Power Head:

Feature	Specification
Model Number	WP-7000
Power	105W
Voltage	AC 220-240V
Frequency	50/60Hz
Maximum Flow Rate (F.Max)	5500 L/H (Liters Per Hour)
Maximum Lifting Height (H.Max)	5 M (Metres)
Material	Ceramic (shaft)
Operation	Completely Submersible
Suitability	Fresh and Sea Water Appliances
Item Weight	2.47 Kilograms

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. SOBO products are designed for reliability and performance. If you experience any issues not covered in the troubleshooting section, please reach out to the authorized SOBO service center or your point of purchase for assistance.

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