

SOBO WP-5000

SOBO WP-5000 Submersible Power Head Instruction Manual

Model: WP-5000

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your SOBO WP-5000 Submersible Power Head. Please read these instructions carefully before installation and use, and retain them for future reference. This pump is designed for water circulation and lifting in aquariums, ponds, and filter systems.



Image 1: SOBO WP-5000 Submersible Power Head. This image displays the product packaging, showing the pump unit, model number WP-5000, and key specifications like AC 220-240V, 50/60Hz, 60W power, 3M max head, and 3000 L/H max flow rate. The packaging also highlights features such as being completely submersible, quiet operation, suction cups, a ceramic shaft, and suitability for fresh and sea water.

2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before performing any maintenance, installation, or removal of the pump.
- Ensure the voltage and frequency of your power supply match the specifications on the pump label (AC 220-240V, 50/60Hz).
- Do not operate the pump dry. Ensure it is fully submerged in water before connecting to power.
- The pump is designed for water use only. Do not use it for flammable or corrosive liquids.
- Regularly inspect the power cord for damage. Do not use the pump if the cord is damaged.
- Keep children and pets away from the pump during operation.
- Ensure proper grounding for electrical safety.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- SOBO WP-5000 Submersible Power Head (1 unit)
- Outlet nozzle/adapter (if included)
- Suction cups (pre-attached or separate)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

1. **Placement:** Position the pump in the desired location within your aquarium, pond, or filter sump. Ensure it is placed on a stable, flat surface.
2. **Attachment:** Use the integrated suction cups on the bottom of the pump to secure it firmly to the glass or other smooth surface. Press down firmly to ensure a good seal.
3. **Outlet Connection:** Attach the appropriate hose or tubing to the pump's outlet nozzle. Ensure the connection is secure to prevent leaks.
4. **Submersion:** Ensure the pump is fully submerged in water before connecting it to the power supply. Operating the pump dry can cause damage.
5. **Power Connection:** Plug the power cord into a suitable electrical outlet.

5. OPERATION

Once installed and connected to power, the SOBO WP-5000 will begin circulating water. The pump is designed for continuous operation in submerged conditions.

- **Flow Rate:** The pump has a maximum flow rate of 3000 Liters per Hour (L/H) and a maximum head of 3 meters. Actual flow rate will vary depending on the height the water is pumped and any restrictions in the tubing.

- **Quiet Operation:** The pump is engineered for extremely quiet operation, minimizing disturbance to your aquatic environment.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your pump.

1. **Disconnect Power:** Always unplug the pump from the power outlet before any maintenance.
2. **Cleaning the Impeller:**
 - Carefully remove the front cover of the pump.
 - Gently remove the impeller assembly.
 - Clean the impeller and its chamber with a soft brush and clean water to remove any debris, algae, or mineral buildup.
 - Inspect the ceramic shaft for wear or damage.
 - Reassemble the impeller and cover, ensuring all parts fit securely.
3. **Cleaning the Casing:** Wipe the exterior of the pump with a soft cloth to remove any residue.
4. **Frequency:** Perform cleaning every 2-4 weeks, or more frequently if the water is particularly dirty or if you notice a decrease in performance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; Impeller jammed; Damaged motor.	Check power connection; Clean impeller; Contact support if motor is damaged.
Reduced flow rate	Clogged impeller/intake; Kinked tubing; Low water level.	Clean impeller and intake; Straighten tubing; Ensure pump is fully submerged.
Excessive noise/vibration	Impeller obstructed or damaged; Pump not securely placed.	Clean/inspect impeller; Secure pump with suction cups.
Pump stops intermittently	Overheating due to dry running or blockage; Power fluctuations.	Ensure full submersion and clear intake; Check power supply stability.

8. SPECIFICATIONS

Model	WP-5000
Power	60W
Voltage/Frequency	AC 220-240V / 50/60Hz
Maximum Flow Rate (F.Max)	3000 L/H
Maximum Head (H.Max)	3 Meters
Dimensions (L x W x H)	15L x 5W x 5H Centimeters

Item Weight	1010 Grams (approx. 1.01 kg)
Shaft Material	Ceramic
Suitability	Fresh and Sea Water Appliances




9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

For further assistance, you may also visit the official SOBO brand store or contact their customer service channels as provided by your point of purchase.

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Related Documents - WP-5000

	<p>SOBO WP-1000F Aquarium Internal Filter Pump - User Guide</p> <p>Detailed instructions and safety information for the SOBO WP-1000F aquarium internal filter pump, covering operation, maintenance, and performance.</p>
	<p>SOBO SF-1000F-UV Aquarium External Filter - Product Overview</p> <p>Information on the SOBO SF-1000F-UV aquarium external filter, a high-performance filtration solution for aquariums.</p>
	<p>SuperFish TopClear Pond Filter User Manual (Models 5000-18000)</p> <p>Comprehensive user manual for SuperFish TopClear pressure pond filters with built-in UVC. Covers installation, operation, safety, maintenance, and technical specifications for models 5000, 10000, 15000, and 18000. Includes detailed diagram descriptions and part lists.</p>



[PondHero Turn2Clean 3000/5000 UV Biological Pond Filter User Manual](#)

User manual for the PondHero Turn2Clean 3000/5000 UV Biological Pond Filter, providing detailed instructions on installation, operation, maintenance, safety precautions, and warranty information.



[ClariSea Gen3 Quick Start Assembly Guide | DDO Developments](#)

Concise guide to assembling and operating the ClariSea Gen3 automatic fleece filter by DDO Developments. Includes fleece change instructions, optional kit details, and performance insights.