

SOBO WP-3000F

SOBO WP-3000F Aquarium Internal Filter User Manual

Model: WP-3000F | Brand: SOBO

1. INTRODUCTION

Thank you for choosing the SOBO WP-3000F Aquarium Internal Filter. This high-performance filter system is designed to provide comprehensive biological, mechanical, and chemical filtration for your aquarium, ensuring a clean and healthy environment for your aquatic life. Please read this manual carefully before installation and operation to ensure proper use and longevity of the product.



Image: The SOBO WP-3000F internal filter submerged and actively filtering water in an aquarium, with fish swimming nearby.

2. PRODUCT FEATURES AND COMPONENTS

The SOBO WP-3000F filter is a 4-in-1 system offering multiple stages of filtration. It is fully submersible, designed for quiet operation, and easy to maintain.

- **Powerful Suction Cups:** For secure and easy mounting inside the aquarium.
- **Silent Water Pump:** Ensures quiet operation, minimizing disturbance to aquatic life and household.
- **Air Intake:** Allows for aeration of the water, enhancing oxygen levels.
- **Water Outlet:** Directs filtered water back into the aquarium.
- **Filter Bin:** Houses the filtration media.
- **Biochemical Sponge:** Provides mechanical and biological filtration, trapping debris and supporting beneficial bacteria.
- **Sedimentation Area:** Designed to collect larger particles, preventing them from clogging finer media.
- **High Performance:** Maximum output of 1200 L/H with 25W power consumption.
- **Ideal for Tanks:** Suitable for aquariums up to 3.5 feet in length.

PRODUCT FEATURES



Image: This diagram labels the key components of the SOBO WP-3000F internal filter, including the powerful suction cup, air intake, silent water pump, water outlet, filter bin, biochemical sponge, sedimentation area, and suction mouth.

3. SAFETY INFORMATION

WARNING: To avoid electric shock, special precautions should be taken since aquarium equipment is used in conjunction with water.

1. Always disconnect all electrical appliances from the power supply before placing hands in the aquarium, performing maintenance, or when the filter is not in use.
2. Ensure the filter is fully submerged in water during operation. Running the pump dry can cause damage.
3. Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
4. To avoid the possibility of the appliance plug or receptacle getting wet, position the aquarium to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. A "drip loop" should be arranged for each cord connecting an aquarium appliance to a receptacle.
5. This appliance is for indoor use only.
6. Keep out of reach of children.

4. INSTALLATION GUIDE

Follow these steps for proper installation of your SOBO WP-3000F internal filter:

1. **Unpack the Filter:** Carefully remove the filter and all its components from the packaging. Inspect for any damage.
2. **Assemble Filter Media:** Ensure the biochemical sponge and any other filter media are correctly placed within the filter bin. Refer to the product diagram for component placement.
3. **Attach Suction Cups:** Securely attach the powerful suction cups to the side of the filter unit.
4. **Position in Aquarium:** Place the filter inside your aquarium, ensuring it is fully submerged. Press the suction cups firmly against the inner glass wall to secure the filter in place. The water outlet should be positioned to create adequate water circulation.
5. **Connect Air Intake (Optional):** If you wish to utilize the air intake feature for aeration, connect an air tube (not included) to the air intake nozzle and position the other end above the water surface.
6. **Create Drip Loop:** Arrange the power cord to form a "drip loop" below the electrical outlet to prevent water from traveling along the cord to the outlet.
7. **Plug In:** Once the filter is securely installed and fully submerged, plug the power cord into a suitable electrical outlet.



Image: The SOBO WP-3000F internal filter and its packaging alongside a well-maintained, planted aquarium.

5. OPERATION INSTRUCTIONS

The SOBO WP-3000F filter is designed for continuous operation to maintain optimal water quality. Once installed and plugged in, the filter will begin to circulate and clean the aquarium water.

- Ensure the filter is always fully submerged when operating.
- Monitor the water flow from the outlet. A reduced flow may indicate a need for cleaning.
- If using the air intake feature, adjust the air flow as desired.

AQUARIUM INTERNAL FILTER



Image: The image illustrates the water flow from the SOBO WP-3000F filter, highlighting its function in absorbing dirt and clarifying aquarium water.

6. MAINTENANCE AND CLEANING

Regular maintenance is crucial for the efficient operation and longevity of your filter. Perform cleaning every 2-4 weeks, or more frequently if water flow decreases significantly.

1. **Disconnect Power:** Always unplug the filter from the electrical outlet before performing any maintenance.
2. **Remove from Aquarium:** Carefully detach the filter from the aquarium wall and remove it from the water.
3. **Disassemble Filter:** Gently separate the filter components, including the motor head, filter bin, and media.
4. **Clean Filter Media:** Rinse the biochemical sponge and other filter media in old aquarium water (from a water change) or dechlorinated tap water. Avoid using untreated tap water as it can kill beneficial bacteria. Replace media if it is heavily clogged or deteriorated.
5. **Clean Impeller and Housing:** Remove the impeller from the motor head and clean it thoroughly, along with its housing, using a small brush to remove any debris or mineral buildup.
6. **Clean Filter Casing:** Rinse the filter casing and water outlet with clean water.

7. **Reassemble and Reinstall:** Reassemble all components, ensuring they fit securely. Reinstall the filter in the aquarium as described in the Installation Guide and plug it back in.

AN UNCLEAN AQUARIUM IS HARMFUL TO THE LIFE OF YOUR PET FISH. SAY GOODBYE TO THE TROUBLE OF CONSTANTLY CHANGING CLOUDY AQUARIUM WATER.



BEFORE



AFTER

Image: This visual comparison shows a cloudy aquarium before filtration and a clear aquarium after using the filter, illustrating its water clarifying capability.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter not starting or weak flow	<ul style="list-style-type: none">◦ Not plugged in◦ Impeller jammed or dirty◦ Filter media clogged◦ Air in pump	<ul style="list-style-type: none">◦ Check power connection◦ Clean impeller and housing◦ Clean or replace filter media◦ Ensure filter is fully submerged and gently shake to release air
Excessive noise	<ul style="list-style-type: none">◦ Impeller dirty or damaged◦ Air in pump◦ Filter not securely mounted	<ul style="list-style-type: none">◦ Clean or inspect impeller for damage◦ Ensure filter is fully submerged and gently shake to release air◦ Re-secure suction cups to aquarium wall
Water remains cloudy	<ul style="list-style-type: none">◦ Filter media saturated or insufficient◦ Overfeeding fish◦ New tank syndrome (bacterial bloom)	<ul style="list-style-type: none">◦ Clean or replace filter media more frequently◦ Reduce feeding amounts◦ Perform partial water changes and allow beneficial bacteria to establish

8. SPECIFICATIONS

Feature	Detail
Model	WP-3000F
Power Consumption	25W
Voltage	AC 220-240V
Max Output	1200 L/H
Recommended Tank Size	Up to 3.5 Feet
Dimensions (L x W x H)	11 x 5 x 30 cm (approx.)
Weight	520 g
Country of Origin	China

9. WARRANTY AND SUPPORT

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

For more information about SOBO products, you may visit the official website:<http://www.newsobo.com>

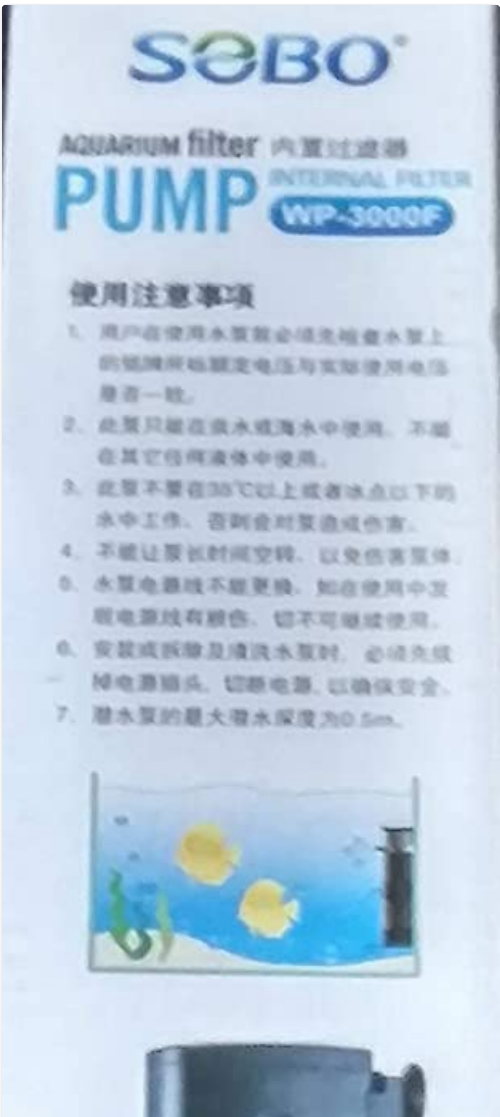




Image: The product packaging for the SOBO WP-3000F filter, displaying model information, specifications, and a QR code.