

SOBO FF-1303

SOBO FF-1303 Internal Filter User Manual

Model: FF-1303

INTRODUCTION

The SOBO FF-1303 Internal Filter is designed to provide efficient water filtration for both fresh and saltwater aquariums. This fully submersible filter helps maintain a clean and healthy aquatic environment by absorbing dirt and clearing the water. Please read this manual carefully before installation and operation to ensure proper use and longevity of your filter.



An image showing the Sobo FF-1303 Internal Filter, a compact device designed for aquarium water filtration.

SETUP INSTRUCTIONS

1. **Unpack the Filter:** Carefully remove the SOBO FF-1303 Internal Filter from its packaging. Inspect for

any damage.

2. **Rinse Components:** Rinse the filter unit and all its components, especially the filter sponge, thoroughly with clean water. Do not use soap or detergents.
3. **Assemble the Filter:** Ensure the filter sponge is correctly seated within the filter casing. Attach any suction cups or mounting brackets provided.
4. **Position in Aquarium:** Submerge the filter completely in the aquarium water. Position it in an area that allows for good water circulation. Ensure the water level is above the minimum operating level indicated on the filter, if any.
5. **Connect Power:** Once the filter is fully submerged and securely positioned, connect the power plug to a suitable electrical outlet.
6. **Check Operation:** Observe the filter to ensure water is flowing correctly and the filter is operating quietly.

Important: The filter must always be fully submerged when operating to prevent damage to the motor.

OPERATING INSTRUCTIONS

The SOBO FF-1303 Internal Filter is designed for continuous operation to maintain water quality. Once properly set up and powered on, the filter will begin drawing water through its intake, passing it through the filter sponge, and returning clean water to the aquarium.

- **Continuous Filtration:** For optimal water quality, keep the filter running 24 hours a day.
- **Water Flow:** The filter has a motor capacity of 1000 liters per hour (L/H), ensuring effective circulation and filtration for appropriately sized aquariums.
- **Power Consumption:** The unit operates at 13 watts.

Regularly check the water flow from the filter outlet. A reduced flow may indicate a clogged filter sponge or other issues requiring maintenance.

MAINTENANCE

Regular maintenance is crucial for the efficient operation and longevity of your SOBO FF-1303 Internal Filter.

1. **Disconnect Power:** Always unplug the filter from the electrical outlet before performing any maintenance.
2. **Remove from Aquarium:** Carefully remove the filter unit from the aquarium.
3. **Clean Filter Sponge:** Open the filter casing and remove the filter sponge. Rinse the sponge thoroughly with old aquarium water (from a water change) or dechlorinated tap water. Avoid using fresh tap water directly as it can kill beneficial bacteria. Replace the sponge if it is heavily degraded or cannot be cleaned effectively.
4. **Clean Impeller:** Periodically, remove the impeller and clean it along with its housing. Debris can accumulate here and reduce performance.
5. **Reassemble and Reinstall:** Reassemble the filter components, ensuring all parts are correctly fitted. Reinstall the filter in the aquarium and reconnect power.

Frequency: Clean the filter sponge every 1-2 weeks, or more frequently if water flow significantly decreases or water quality deteriorates.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter not starting or no water flow.	<ul style="list-style-type: none">• Power not connected.• Impeller jammed or dirty.• Filter not fully submerged.	<ul style="list-style-type: none">• Check power connection.• Unplug, remove, and clean impeller.• Ensure filter is fully submerged.
Reduced water flow.	<ul style="list-style-type: none">• Clogged filter sponge.• Impeller or intake blocked by debris.	<ul style="list-style-type: none">• Clean or replace filter sponge.• Unplug, remove, and clean impeller and intake.
Excessive noise.	<ul style="list-style-type: none">• Impeller not seated correctly or damaged.• Air trapped in the filter.	<ul style="list-style-type: none">• Unplug, check, and reseal impeller. Replace if damaged.• Gently shake the filter while submerged to release air.

If problems persist after following these steps, please contact the manufacturer's support.

SPECIFICATIONS

Feature	Detail
Model Number	FF-1303
Power	13 Watts
Motor Capacity	1000 Liters/Hour (L/H)
Compatibility	Freshwater and Saltwater Aquariums
Submersibility	Fully Submersible
Item Weight	4 kg 980 g
Package Dimensions	35.2 x 13.8 x 7.2 cm
Country of Origin	India

WARRANTY AND SUPPORT

Specific warranty information for the SOBO FF-1303 Internal Filter is not provided in this manual. For details regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact SOBO customer support directly.

For technical assistance, troubleshooting beyond this guide, or spare parts inquiries, please reach out to the manufacturer or your authorized dealer.

