

sobo AQ-182H

SOBO AQ-182H Multi-functional 4-Chamber Bio Top Aquarium Filter

USER INSTRUCTION MANUAL

Introduction

Thank you for choosing the SOBO AQ-182H Multi-functional Bio Top Filter. This filter is designed to provide efficient mechanical, biological, and chemical filtration for your aquarium, ensuring a healthy and clear aquatic environment. Please read this manual thoroughly before installation and operation to ensure proper use and maintenance.

Key Features:

- 4-Stage Filtration System: Mechanical, biological, and chemical filtration for superior water quality.
- Powerful Performance: Maximum flow rate of 700L/H with an energy-efficient 9W motor.
- Transparent Filter Box: Allows easy monitoring of filter media and cleaning requirements.
- Complete Filter Media Included: Sponge, bio balls, and filter pad for immediate use.
- Improves Water Clarity: Effectively removes debris, reduces odors, and supports beneficial bacteria.

Important Safety Instructions

WARNING: To avoid injury, basic safety precautions should be observed, including the following:

- Read and follow all safety instructions and all notices on the product.
- 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.
- To avoid the possibility of the appliance plug or receptacle getting wet, position the aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug.
- Never pull the cord to unplug from the outlet. Grasp the plug and pull to disconnect.
- Always unplug the appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning.
- Do not immerse the power head or electrical parts in water.
- This appliance is intended for household use only.
- Ensure the voltage and frequency of your power supply match the specifications on the product label.

Package Contents

Please check the package to ensure all items are present and undamaged:

- SOBO AQ-182H Filter Unit (with transparent filter box, power head, and intake tube)
- Filter Media (Sponge, Bio Balls, Filter Pad)
- Power Cable



Image 1: SOBO AQ-182H Bio Top Filter packaging. The image displays the product box with the filter unit visible, highlighting its multi-chamber design and included media.

Setup and Installation

1. **Unpack the Filter:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Assemble Filter Media:**
 - Rinse all filter media (sponge, bio balls, filter pad) thoroughly with aquarium water or dechlorinated tap water before placing them into the filter chambers. This removes any manufacturing dust.
 - Place the filter media into the designated chambers. Typically, mechanical filtration (sponge) goes first, followed by biological media (bio balls), and then chemical media (if used, or additional filter pad). The transparent design allows you to see the arrangement.
3. **Attach Intake Tube:** Connect the intake tube to the bottom of the power head. Ensure it is securely fitted.
4. **Position the Filter:** The SOBO AQ-182H is a hang-on filter. Place the filter unit on the rim of your aquarium. Ensure

it is level and stable. The intake tube should extend into the aquarium water.

5. **Fill with Water:** Before plugging in, ensure the filter box is filled with aquarium water. This primes the pump and prevents dry running.
6. **Connect Power:** Once the filter is properly positioned and filled with water, plug the power cable into a suitable electrical outlet. Ensure there is a drip loop to prevent water from traveling along the cord to the outlet.
7. **Check Operation:** The filter should start pumping water immediately. Observe the water flow and check for any leaks.

Operating Instructions

Once installed and powered on, the SOBO AQ-182H filter will continuously circulate and filter your aquarium water. The transparent design allows for easy visual inspection of the water flow and media condition.

- **Continuous Operation:** For optimal water quality, it is recommended to operate the filter continuously.
- **Flow Rate:** The filter provides a maximum flow rate of 700L/H. Ensure the water level in your aquarium is maintained to allow for proper water intake.
- **Monitoring:** Regularly observe the water clarity and the condition of the filter media through the transparent casing. Reduced flow or visible debris on the media indicates it's time for maintenance.

Maintenance

Regular maintenance is crucial for the efficient operation and longevity of your filter, as well as for maintaining a healthy aquarium environment.

1. **Unplug the Filter:** Always unplug the filter from the power outlet before performing any maintenance.
2. **Remove Filter Unit:** Carefully lift the filter unit off the aquarium rim.
3. **Clean Filter Media:**
 - Remove the filter media from the chambers.
 - Rinse the sponge and filter pad thoroughly in old aquarium water (siphoned during a water change) or dechlorinated tap water. Avoid using untreated tap water as chlorine can kill beneficial bacteria.
 - Gently rinse bio balls if they appear clogged, again using aquarium water. Avoid over-cleaning biological media to preserve beneficial bacteria.
 - Replace heavily soiled or degraded filter pads/sponges as needed.
4. **Clean Impeller and Housing:**
 - Remove the power head from the filter box.
 - Carefully remove the impeller cover and the impeller itself.
 - Clean the impeller and its housing with a small brush to remove any accumulated debris or algae.
 - Reassemble the impeller and cover securely.
5. **Clean Intake Tube:** Use a brush to clean any algae or debris from the intake tube.
6. **Reassemble and Restart:** Place the cleaned media back into the filter chambers, reattach the power head and intake tube, position the filter on the aquarium, fill with water, and plug it back in.

Frequency: Mechanical media (sponge, filter pad) should be cleaned every 1-2 weeks, or when flow rate noticeably decreases. Biological media should be rinsed less frequently, perhaps monthly or bi-monthly, only if visibly clogged.

Troubleshooting

Problem	Possible Cause	Solution
Filter not starting / No power	• Power cord unplugged • Power outage • Faulty outlet	• Check power connection • Check household circuit breaker • Test outlet with another appliance
Low water flow	• Clogged filter media • Dirty impeller/impeller housing • Low water level in aquarium • Air in the system	• Clean or replace filter media • Clean impeller and housing • Ensure aquarium water level is above the minimum intake level • Ensure filter is primed (filled with water) before starting
Excessive noise	• Dirty or damaged impeller • Air trapped in the filter • Filter not sitting level	• Clean impeller; replace if damaged • Gently rock the filter to release trapped air • Ensure the filter is level on the aquarium rim
Water leaking	• Improper assembly • Cracked housing	• Check all connections and ensure components are properly seated • Inspect the filter housing for cracks; replace if damaged

Specifications

Model Name	SOBO AQ-182H
Brand	SOBO
Power Consumption	9W
Maximum Flow Rate	700 Liters Per Hour (L/H)
Product Dimensions (L x W x H)	42L x 14W x 14H Centimeters
Material	Activated Carbon, Ceramic, Cotton (Filter Media)
Filtration Stages	4-Stage (Mechanical, Biological, Chemical)
Installation Type	Hang-On
Power Source	Corded Electric

Warranty and Support

For warranty information and customer support, please contact your retailer or the importer directly. Keep your proof of purchase for any warranty claims.

Importer Contact Information:

Email: Globalimportandexport9@gmail.com

Customer Care: 08796-519789

Packer Contact Information:

Email: Globalimportandexport9@gmail.com

Customer Care: 08796-519789

Please have your model number (AQ-182H) and purchase date ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question