

Sobo FE/FK-1503

Sobo FE/FK-1503 Aquarium Internal Filter User Manual

PRODUCT OVERVIEW

The Sobo FE/FK-1503 is an internal aquarium filter designed to provide efficient filtration for your fish tank. It is fully submersible and suitable for aquariums up to 3 feet in length. This filter helps maintain clear and healthy water by absorbing dirt and removing impurities.

Key Features:

- Ideal for comprehensive aquarium filtration.
- Filter sponge effectively absorbs dirt and clarifies water.
- Fully submersible design for easy placement.
- Suitable for tanks up to 3 feet.



Image: The Sobo FE/FK-1503 internal aquarium filter, showing its compact design and multi-stage filtration chambers.

SAFETY PRECAUTIONS

- Ensure the power plug is inserted into a power socket outlet at a higher point than the aquarium to prevent water backflow via the wire.
- Do not operate the pump if it is not fully submerged in water.
- Always disconnect power before performing any maintenance or handling the filter.
- This appliance is intended for indoor use only.

SETUP INSTRUCTIONS

1. **Unpack the Filter:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Assemble Components:** Ensure all filter media (sponges, ceramic rings if included) are correctly placed within the filter chambers. The filter typically comes pre-assembled.

3. **Position in Aquarium:** Place the filter inside the aquarium, ensuring it is fully submerged in water. Use the suction cups (if provided) to secure it to the aquarium wall.
4. **Connect Power:** Route the power cord safely. Plug the filter into a suitable electrical outlet. Ensure the outlet is positioned higher than the water level to prevent water from entering the socket.
5. **Adjust Flow (Optional):** If your model includes a flow control lever, adjust it to achieve the desired water flow rate.

OPERATING INSTRUCTIONS

Once the filter is set up and plugged in, it will begin operating immediately. The pump will draw water through the filter media, cleaning it before returning it to the aquarium.

- Ensure the filter is always fully submerged during operation. Running the pump dry can cause damage.
- Monitor the water flow. A reduced flow rate often indicates a clogged filter or intake screen, requiring maintenance.
- The filter is designed for continuous operation.

MAINTENANCE

Regular maintenance is crucial for the longevity and efficient performance of your filter. A clogged or dirty intake screen will reduce pump performance.

1. **Disconnect Power:** Always unplug the filter from the power outlet before attempting any maintenance.
2. **Remove from Aquarium:** Carefully remove the filter unit from the aquarium.
3. **Disassemble:** Remove the front cover and the impeller cover. Then, carefully remove the impeller unit.
4. **Clean Components:**
 - Wash the intake screen and filter media (sponges) frequently under running water to remove accumulated debris.
 - Use a small brush to clean the impeller cylinder and the impeller itself.
 - Rinse all parts thoroughly.
5. **Reassemble:** Put all components back together in reverse order of disassembly. Ensure the impeller is seated correctly.
6. **Reinstall:** Place the cleaned filter back into the aquarium, ensuring it is fully submerged, and then reconnect the power.



Image: Product packaging for the Sobo FE/FK-1503 filter, displaying key features and basic maintenance guidelines.

TROUBLESHOOTING

If the pump fails to operate or its performance is reduced, check the following:

- **No Power:** Check and ensure there is a consistent power supply to the pump unit. Verify the power plug is securely inserted into the outlet.
- **Reduced Flow/Clogging:** A clogged intake screen or dirty filter media will significantly reduce

performance. Perform maintenance as described in the "Maintenance" section.

- **Impeller Issues:** If the pump hums but does not pump water, the impeller might be jammed or damaged. Disassemble the pump head and inspect the impeller for debris or wear. Clean or replace if necessary.
- **Air in Pump:** Ensure the pump is fully submerged and free of air pockets. Gently shake the filter while submerged to release any trapped air.

SPECIFICATIONS

Model	FE/FK-1503
Voltage	AC 220-240V
Frequency	50/60Hz
Power Consumption	15W
Max Flow Rate (F.MAX)	1200 L/HR
Dimensions (LxWxH)	10 x 12 x 35 cm
Item Weight	710 g
Manufacturer	Sobo
Country of Origin	China

WARRANTY AND SUPPORT

Information regarding warranty coverage for this product is typically provided by the retailer or manufacturer at the time of purchase. Please refer to your purchase receipt or contact the seller for specific warranty details.

For technical support or inquiries, please contact the retailer or the manufacturer, Sobo. Contact details for the packer, Central Fish Aquarium, are also available on the product packaging or purchase documentation.

Packer Contact: CENTRAL FISH AQUARIUM MOORE MARKET CHENNAI -3 CONTACT NO : 9383347593