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TUNAI AQ-1000F

TUNAI S0B0 AQ-1000F Internal Aquarium Filter User Manual

Model: AQ-1000F

INTRODUCTION

Thank you for choosing the TUNAI S0B0 AQ-1000F Internal Aquarium Filter. This compact and energy-efficient filtration system is designed to maintain a clean, healthy, and balanced aquatic environment for your fish and plants. It provides powerful water circulation, strong and consistent flow, and is suitable for both freshwater and saltwater aquariums. This manual provides essential information for the proper setup, operation, and maintenance of your filter.



Image: The S0B0 AQ-1000F internal aquarium filter, a compact white and grey unit with a clear bottom section, designed for efficient water filtration.

SAFETY INSTRUCTIONS

- Always disconnect the filter from the power source before performing any maintenance, installation, or removal.
- Ensure your hands are dry when handling the power plug.
- Do not operate the filter if the power cord or plug is damaged.
- The filter is designed for submersible use only. Ensure it is fully submerged in water during operation.
- Keep out of reach of children.
- This appliance is for indoor use only.

PRODUCT OVERVIEW AND FEATURES

The S0B0 AQ-1000F is an internal filter designed for aquariums up to approximately 150 liters. It integrates multiple

functions to ensure optimal water quality.

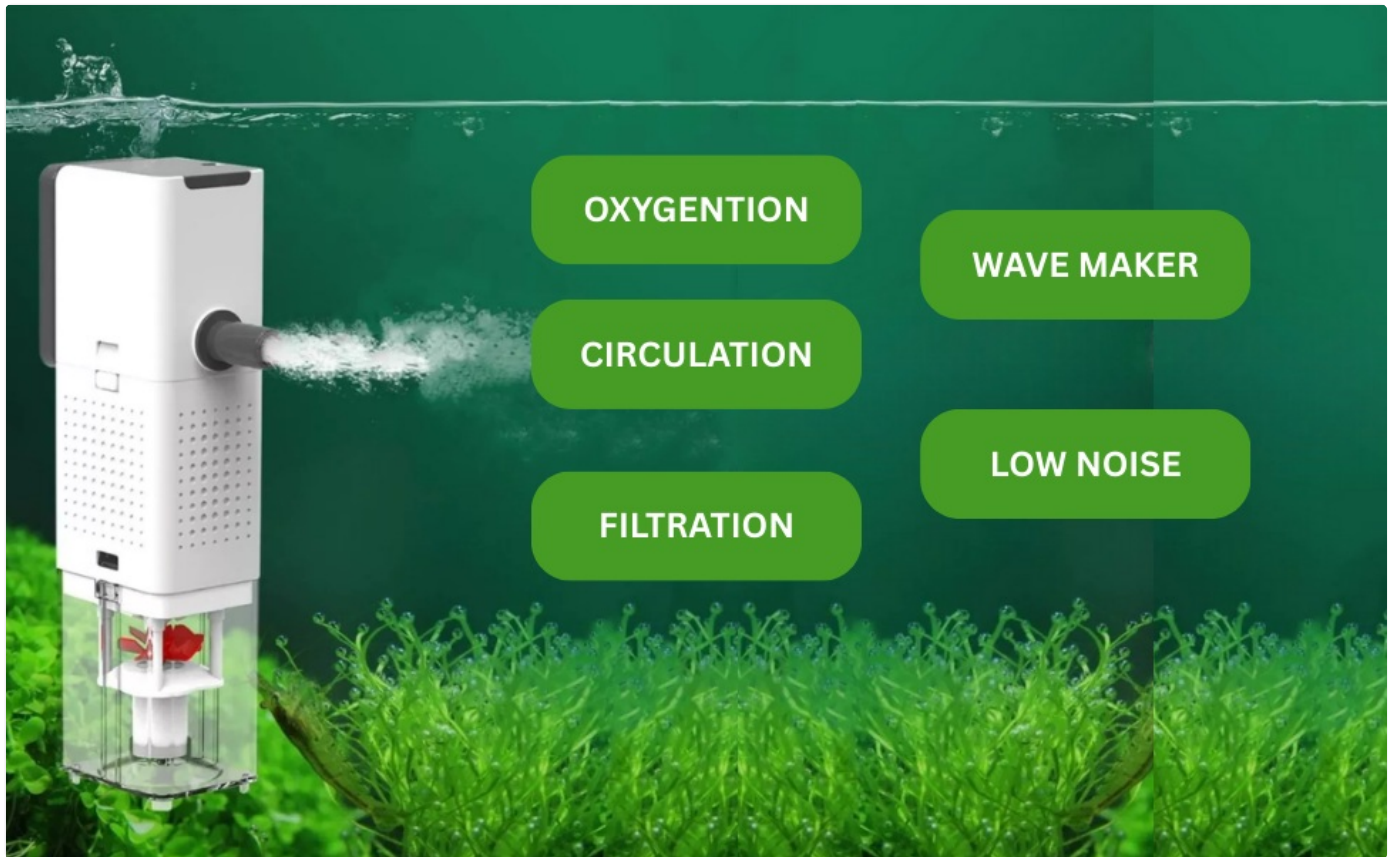


Image: Diagram illustrating the multi-functional capabilities of the S0B0 AQ-1000F filter, including oxygenation, circulation, filtration, wave making, and low noise operation, shown within an aquarium setting.

Key Features:

- **Efficient Filtration:** Provides mechanical and biological filtration to remove debris and harmful substances.
- **Adjustable Flow Rate:** Allows customization of water flow to suit different aquarium needs and inhabitants.
- **Quiet Operation:** Engineered for minimal noise, ensuring a peaceful aquatic environment.
- **Compact Design:** Space-saving design that easily integrates into various aquarium setups.
- **Versatility:** Suitable for both freshwater and saltwater aquariums.
- **Anti-Suction Design:** Features a fish fecal outlet designed to prevent small fish from being drawn into the filter.

Anti-Suction Design of Fish Fecal Outlet to Prevent The Entry of Small Fish



Image: Close-up view of the filter's bottom section, highlighting the anti-suction design of the fish fecal outlet, which prevents small fish from entering the filter.

SETUP AND INSTALLATION

1. **Unpack the Filter:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Assemble Components:** Attach any separate components, such as the outlet nozzle or air intake tube, if they are not pre-assembled. Ensure all connections are secure.
3. **Position the Filter:** Place the filter inside your aquarium, ensuring it is fully submerged in water. The filter typically attaches to the aquarium wall using suction cups. Position it in an area that allows for good water circulation throughout the tank.
4. **Connect to Power:** Once the filter is securely placed and fully submerged, connect the power plug to a suitable electrical outlet.
5. **Adjust Flow (if applicable):** If your model has an adjustable flow rate, you can set it to your desired level after the filter starts operating.

OPERATING INSTRUCTIONS

Once installed and powered on, the S0B0 AQ-1000F filter will immediately begin circulating and filtering your aquarium water.

- Ensure the filter is always fully submerged during operation to prevent damage to the motor.
- Monitor the water flow. If the flow rate decreases significantly, it may indicate that the filter media is clogged and requires cleaning.
- The adjustable flow rate feature allows you to control the intensity of water movement. Turn the flow adjustment knob (if present) to increase or decrease the flow as needed for your specific aquarium inhabitants.

MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your SOB0 AQ-1000F filter and for maintaining a healthy aquarium environment.

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. **Disassemble Filter:** Gently separate the filter casing to access the filter media (sponge).
4. **Clean Filter Media:** Rinse the sponge filter thoroughly with old aquarium water (from a water change) or dechlorinated tap water. Avoid using untreated tap water as it can kill beneficial bacteria. Replace the sponge if it is heavily degraded or cannot be cleaned effectively.
5. **Clean Impeller:** Periodically inspect and clean the impeller and its housing. Remove any debris or mineral buildup that may hinder its rotation.
6. **Reassemble and Reinstall:** Put the filter components back together, ensuring they are securely fitted. Place the filter back into the aquarium, ensuring it is fully submerged, and then reconnect the power.

Recommended Cleaning Frequency: Regular cleaning of the sponge filter is recommended every 2-4 weeks, depending on the bioload of your aquarium.



High Quality Rotor

Before Use After Use

Quieter Operation

Image: Illustration showing the filter's high-quality rotor (impeller) and a comparison of an aquarium before and after using the filter, demonstrating improved water clarity and quieter operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Filter not starting or weak flow	Not plugged in or power outage Impeller jammed by debris Filter media clogged Not fully submerged	Check power connection. Disconnect power, clean impeller and housing. Disconnect power, clean or replace filter sponge. Ensure filter is fully underwater.
Excessive noise	Impeller dirty or damaged Air trapped in the filter Filter not securely mounted	Disconnect power, clean or inspect impeller for damage. Gently shake the filter while submerged to release air. Ensure suction cups are firmly attached to the aquarium wall.
Water remains cloudy	Filter media saturated or insufficient Overfeeding or overstocking New tank syndrome (bacterial bloom)	Clean or replace filter media. Consider additional filtration if tank is heavily stocked. Reduce feeding, perform partial water changes. Maintain regular water changes, allow beneficial bacteria to establish.

SPECIFICATIONS

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- Model: AQ-1000F
- Voltage: AC 220V-240V
- Frequency: 50/60Hz
- Watt: 15W
- F.Max: 1000L/H

Image: Visual display of the S0B0 AQ-1000F filter's key specifications, including model number, voltage, frequency, wattage, and maximum flow rate.

Specification	Detail
Model	AQ-1000F
Voltage	AC 110V-240V
Frequency	50Hz
Power	15W
Max Output (F.Max)	1000 L/H
Product Dimensions (LxWxH)	6 x 8 x 32.5 Centimeters
Item Weight	600 g

Specification	Detail
Included Components	1 Aquarium Internal Filter



Image: Visual representation of the S0B0 AQ-1000F filter's dimensions, showing its height (21 cm), width (6 cm), and depth (5 cm), along with its wattage and output.

SOBO Submersible Internal Filter Specifications				
MODEL. NO	VOLTAGE	FREQUENCY	WATT	F.MAX
AQ-500F	220-240V	50/60Hz	6W	500L/H
AQ-1000F	220-240V	50/60Hz	15W	1000L/H
AQ-1500F	220-240V	50/60Hz	25W	1500L/H
AQ-2000F	220-240V	50/60Hz	28W	1800L/H

Image: A detailed table comparing specifications (Model No., Voltage, Frequency, Watt, F.Max) for various SOBO submersible internal filter models, including AQ-500F, AQ-1000F, AQ-1500F, and AQ-2000F.

WARRANTY AND SUPPORT

For warranty information, please refer to the specific policy provided at the point of purchase or contact the seller directly. For any questions or assistance regarding your TUNAI SOBO AQ-1000F Internal Aquarium Filter, please contact Tunai Store customer support. They are available to assist you with product inquiries and support.

Contact Information: Please refer to your purchase documentation or the Tunai Store's official website for the most current contact details, including helpline numbers.

