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AQUANEAT SF-A004

AQUANEAT Aquarium Bio Sponge Filter Instruction Manual (Large up to 60 Gallons)

Model: SF-A004

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your AQUANEAT Aquarium Bio Sponge Filter. This filter is designed to provide both mechanical and biological filtration for your aquarium, promoting a healthy aquatic environment. It is suitable for tanks up to 60 gallons and is particularly beneficial for small fish, fry, and shrimp tanks due to its gentle filtration.

PRODUCT FEATURES

- **Dual Filtration:** Provides both mechanical filtration (trapping debris) and biological filtration (housing beneficial bacteria).
- **Oxygenation:** Air infusion chamber produces minute bubbles, increasing oxygen solubility in the water.
- **Fish Safe Design:** Soft sponge material prevents small fish, fry, or shrimp from being sucked into the filter.
- **Easy Maintenance:** Simple to set up and clean.
- **Recommended Tank Size:** Ideal for 40 to 60-gallon aquariums.
- **Dimensions:** Approximately 4.5 inches diameter x 8.0 inches height.

PACKAGE CONTENTS

The package includes one (1) AQUANEAT Aquarium Bio Sponge Filter (Model SF-A004).

SETUP INSTRUCTIONS

1. **Unpack the Filter:** Carefully remove the sponge filter from its packaging. Inspect all components for any damage.
2. **Assemble the Filter (if necessary):** The AQUANEAT sponge filter features a detachable design. Ensure the sponge is securely placed around the central plastic core and the air uplift tube is firmly inserted.

Detachable Design

Easy to be detached for cleaning



Image: Detachable design of the sponge filter, illustrating how the components fit together for assembly and cleaning.

3. **Connect Air Line:** Attach an air line tubing (not included) to the inlet on the top of the uplift tube.
4. **Connect Air Pump:** Connect the other end of the air line tubing to an air pump (not included). An air pump is essential for the filter's operation.
5. **Position in Aquarium:** Place the sponge filter at the bottom of your aquarium. The filter is weighted to stay submerged.
6. **Start Air Pump:** Turn on your air pump. Air will be pushed through the air line, into the filter, and out through the uplift tube, creating bubbles and drawing water through the sponge.



Image: Sponge filter in operation within an aquarium, demonstrating the air line connection and bubble output.

OPERATING INSTRUCTIONS

Once properly set up, the AQUANEAT Bio Sponge Filter will continuously operate to filter your aquarium water. The air pump creates an airlift effect, drawing water through the sponge material. The sponge mechanically traps particulate matter, while its porous surface provides a large area for beneficial bacteria to colonize, facilitating biological filtration by converting harmful ammonia and nitrites into less toxic nitrates.

- Ensure the air pump is always running to maintain filtration and oxygenation.
- Monitor water parameters regularly to ensure the filter is effectively maintaining water quality.
- The filter produces minimal current, making it ideal for sensitive fish species and fry.

MAINTENANCE

Regular cleaning of your sponge filter is crucial for optimal performance and to prevent the accumulation of excessive debris. However, it is important to clean it correctly to preserve the beneficial bacterial colony.

1. **Frequency:** Clean the sponge filter every 2-4 weeks, or when you notice a reduction in water flow or visible clogging.
2. **Cleaning Procedure:**
 - Turn off and unplug the air pump.
 - Carefully remove the sponge filter from the aquarium. It is recommended to place it in a bucket or container to avoid dripping dirty water.
 - Gently detach the sponge from the central core.
 - Rinse the sponge thoroughly in a bucket of old aquarium water (water removed during a water change). **Do not use tap water** as chlorine can kill beneficial bacteria.
 - Squeeze the sponge repeatedly until most of the trapped debris is removed and the water runs clearer.
 - Reassemble the filter and place it back into the aquarium.
 - Reconnect and restart the air pump.
3. **Sponge Replacement:** The sponge material is durable, but over time it may degrade or become too clogged to clean effectively. Replace the sponge when it shows signs of significant wear, tearing, or if cleaning no longer restores adequate flow.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No bubbles or weak flow	Air pump off or unplugged Air line kinked or disconnected Sponge clogged Air pump malfunction	Ensure air pump is on and connected. Check air line for kinks or disconnections. Clean the sponge as per maintenance instructions. Test air pump with another device or replace if faulty.
Water remains cloudy	New tank syndrome (insufficient beneficial bacteria) Overfeeding fish Sponge filter too small for tank size Sponge clogged	Allow time for biological filtration to establish (cycle the tank). Reduce feeding amounts. Ensure filter size matches tank volume (this model is for 40-60 gallons). Clean the sponge.
Filter floats	Air trapped inside the sponge or base Not fully submerged	Gently squeeze the sponge underwater to release trapped air. Ensure the filter is fully submerged and weighted down.

SPECIFICATIONS

- **Model Number:** SF-A004
- **Brand:** AQUANEAT
- **Recommended Tank Size:** 40-60 Gallons
- **Dimensions (Approximate):** 4.5 inches (Diameter) x 8.0 inches (Height)
- **Item Weight:** 8.1 ounces (230 Grams)
- **Material:** Soft sponge, plastic

4.5-Inch

Large Size

For 40-60 gallon
tanks

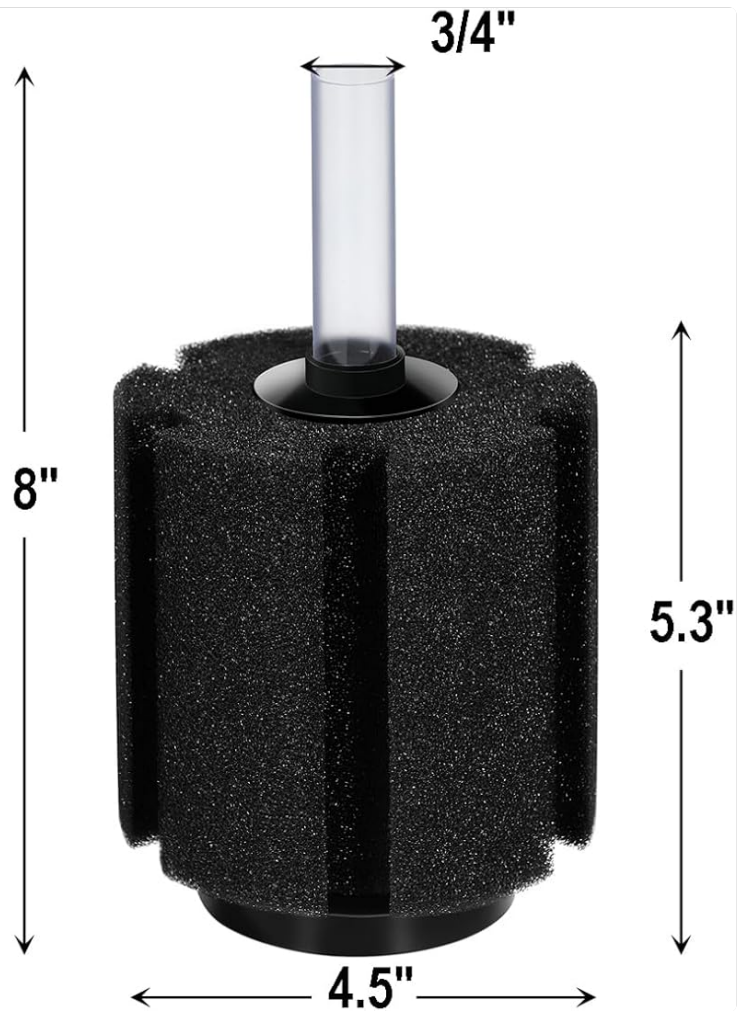


Image: Dimensional diagram of the AQUANEAT sponge filter, indicating its height and diameter.

WARRANTY AND SUPPORT

AQUANEAT products are manufactured to high-quality standards. For any questions regarding product operation, maintenance, or potential defects, please contact AQUANEAT customer support through your retailer or the official brand website. Please retain your proof of purchase for warranty claims.