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> AQUANEAT Aquarium Air Driven Corner Sponge Filter (Model CF-A005) Instruction Manual

AQUANEAT CF-A005

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For Nano Fish Tanks up to 20 Gallons

INTRODUCTION

Thank you for choosing the AQUANEAT Air Driven Corner Sponge Filter. This filter is designed to provide efficient mechanical and biological filtration for your nano fish tank, ensuring a healthy and oxygen-rich environment for your aquatic pets. Its compact corner design makes it suitable for tanks up to 20 gallons.

PACKAGE CONTENTS

The AQUANEAT Air Driven Corner Sponge Filter package includes the following components:

- 1 x Corner Sponge Filter Unit
- 4 ft x Airline Tubing
- 4 x Suction Cups
- 1 x Control Valve
- 1 x Tee Connector
- 1 x Non-Return Check Valve

Product Size

Fit for tanks up to 20 gallon



Image: AQUANEAT Corner Sponge Filter with all included accessories: airline tubing, suction cups, control valve, tee, and check valve.

SETUP INSTRUCTIONS

- 1. Assemble the Filter Unit:** Ensure all filter media (sponges, ceramic rings) are correctly placed within the filter housing. The filter media layers typically consist of a coarse sponge, a fine sponge, and biological media like ceramic rings.
- 2. Connect Airline Tubing:** Attach one end of the airline tubing to the air intake nozzle on the top of the sponge filter unit.
- 3. Install Check Valve:** Cut the airline tubing and insert the non-return check valve. This prevents water from siphoning back into your air pump during a power outage. Ensure the check valve is oriented correctly (airflow direction is usually indicated by an arrow).
- 4. Connect to Air Pump:** Connect the other end of the airline tubing (after the check valve) to your air pump (sold separately).
- 5. Place in Tank:** Position the corner sponge filter securely in a corner of your aquarium. Use the provided suction cups to attach it firmly to the tank wall. Ensure the filter is fully submerged. If it floats, gently squeeze it underwater to release trapped air.
- 6. Adjust Airflow:** Turn on your air pump. Use the control valve to adjust the airflow to achieve the desired bubble rate and water circulation.

Fit Corner Nicely



Image: The AQUANEAT Corner Sponge Filter positioned neatly in the corner of an aquarium, demonstrating its space-saving design.

OPERATING INSTRUCTIONS

The AQUANEAT Air Driven Corner Sponge Filter operates by drawing water through its sponge media using air bubbles from an air pump. This process provides both mechanical and biological filtration, while also oxygenating the water.

- **Mechanical Filtration:** The sponges trap particulate matter, keeping the water clear.
- **Biological Filtration:** The porous surface of the sponges and ceramic rings provides a large area for beneficial bacteria to colonize. These bacteria break down harmful ammonia and nitrites into less toxic nitrates.
- **Oxygenation:** The air bubbles released by the filter agitate the water surface, facilitating gas exchange and increasing dissolved oxygen levels, which is crucial for fish health.

This filter is particularly suitable for small fish species like dwarf cichlids, guppies, and killifish, as well as for use in hatcheries, maternity tanks, and fry tanks. It produces a minimal current and has no strong intake to suck in small fish or fry.

Multiple Filter Media

Keep water crystal clear



Image: An exploded view diagram illustrating the multiple filter media layers within the filter, including sponges and biological media, and the path of water flow for effective filtration.

MAINTENANCE

Regular maintenance is essential to ensure the optimal performance and longevity of your filter and the health of your aquarium. Clean the filter every 2-4 weeks, or when you notice reduced water flow or visible debris accumulation.

1. **Disconnect Air Pump:** Turn off and disconnect the air pump from the airline tubing.
2. **Remove Filter:** Carefully remove the filter unit from the aquarium.
3. **Disassemble and Clean:** Disassemble the multi-layer filter unit. Remove the sponges and rinse them thoroughly in old aquarium water (water removed during a water change). **Do not use tap water** as chlorine can kill beneficial bacteria. Gently squeeze the sponges to remove trapped debris.
4. **Clean Housing:** Rinse the plastic housing and any other media (like ceramic rings) in old aquarium water.
5. **Reassemble:** Reassemble the filter unit, ensuring all media are correctly placed.
6. **Reinstall:** Place the cleaned filter back into the aquarium, reattach the airline tubing, and restart the air pump.

Note: It is recommended to perform filter cleaning in conjunction with a partial water change to utilize the removed tank water for rinsing.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter floats or does not stay submerged.	Air trapped inside the filter or insufficient suction cup adhesion.	Gently squeeze the filter underwater to release trapped air. Ensure suction cups are clean and firmly pressed against the tank wall. If necessary, add a small weight to the bottom of the filter.
Reduced airflow or bubbling.	Clogged air stone/tubing, dirty filter media, or weak air pump.	Check air pump for proper function. Clean or replace air stone. Clean filter media as per maintenance instructions. Ensure airline tubing is not kinked.
Water remains cloudy.	Overfeeding, insufficient filtration, or new tank syndrome.	Reduce feeding. Ensure filter media is clean and correctly assembled. Perform regular water changes. Allow new tanks to cycle properly. Consider adding additional biological media if needed.

SPECIFICATIONS

Feature	Detail
Model Number	CF-A005
Recommended Tank Size	Up to 20 Gallons
Dimensions (L x W x H)	4.25"L x 3"W x 3.25" to 6"H (Adjustable height)
Item Weight	0.634 ounces
Filtration Type	Mechanical and Biological
Power Source	Air Pump (not included)



Image: A detailed diagram indicating the length, width, and adjustable height dimensions of the AQUANEAT Corner Sponge Filter.

WARRANTY INFORMATION

Specific warranty details for the AQUANEAT Air Driven Corner Sponge Filter are not provided in the available product information. Please refer to the product packaging or contact AQUANEAT customer support for warranty inquiries.

CUSTOMER SUPPORT

For further assistance, technical support, or questions regarding your AQUANEAT product, please visit the official AQUANEAT website or contact their customer service department. Contact information may also be found on the product packaging.

You can visit the AQUANEAT store on Amazon: [AQUANEAT Store](#)