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> UPETTOOLS BT302 Aquarium Bio-Sponge Filter Replacement Sponges User Manual

## UPETTOOLS BT302

# UPETTOOLS BT302 Aquarium Bio-Sponge Filter Replacement Sponges User Manual

Model: BT302

## INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your UPETTOOLS BT302 Aquarium Bio-Sponge Filter Replacement Sponges. These sponges are designed to provide effective biological and mechanical filtration for your aquarium, contributing to a healthy aquatic environment. Please read this manual thoroughly before use.



Image: Three circular white bio-sponge filter replacements, ready for use in an aquarium filter system.

## PRODUCT OVERVIEW

## Features

- **Efficient Filtration:** Provides both mechanical and biological filtration to maintain water clarity and quality.
- **Oxygen Supply:** Designed to work with an air pump to enhance oxygenation in the aquarium.
- **Compact Design:** Space-saving form factor suitable for various aquarium sizes.
- **Easy Maintenance:** Components are designed for toolless disassembly and cleaning.
- **Durable Material:** Constructed from high-quality sponge material for long-lasting performance.

## Components

The UPETTOOLS BT302 Bio-Sponge Filter system typically consists of the following parts (note: this product is for replacement sponges, not the full filter unit):

- Filter Sponge (BT302 Replacement Sponge)
- Filter Ball (Bio Balls)
- Bubble Stone (Air Stone)
- Partition
- Grid Cover
- Air Inlet Tube



Image: An exploded diagram illustrating the various components of the UPETTOOLS BT302 filter, including the filter sponge, bio balls, bubble stone, partition, and grid cover.

## SETUP INSTRUCTIONS

1. **Preparation:** Ensure your aquarium is clean and filled with water. An air pump and airline tubing (not included) are required for operation.
2. **Disassemble Filter Unit:** If replacing an existing sponge, carefully disassemble your UPETTOOLS BT302 filter unit. Refer to the "Toolless disassembly" diagram in the Product Overview section.
3. **Insert Replacement Sponge:** Place the new BT302 replacement sponge into the designated

compartment within the filter unit. Ensure it sits flush and covers the filter ball area.

4. **Reassemble Filter:** Carefully reassemble the filter unit, ensuring all components are securely in place.
5. **Connect Air Line:** Attach one end of the airline tubing to the air inlet on the filter unit. Connect the other end to your air pump.
6. **Position in Aquarium:** Submerge the filter unit completely in your aquarium. Use the integrated suction cups (if applicable to your filter model) to secure it to the tank wall.
7. **Activate Air Pump:** Turn on your air pump. Air bubbles should begin to rise from the bubble stone, drawing water through the sponge and bio balls for filtration.



Image: The UPETTOOLS filter unit submerged in an aquarium, connected to an air line, demonstrating proper installation.

## OPERATING INSTRUCTIONS

Once installed and connected to an air pump, the UPETTOOLS BT302 filter operates continuously. The air pump pushes air through the bubble stone, creating fine bubbles that rise and draw water through the filter sponge and bio balls. This process achieves:

- **Mechanical Filtration:** The sponge traps physical debris and particles from the water.
- **Biological Filtration:** The porous surface of the sponge and bio balls provides a large area for beneficial bacteria to colonize. These bacteria convert harmful ammonia and nitrites into less toxic nitrates.
- **Aeration:** The rising air bubbles facilitate gas exchange at the water surface, increasing dissolved oxygen levels essential for aquatic life.

Ensure the air pump is always running for continuous filtration and oxygenation. Adjust the airflow from your air pump if necessary to achieve desired bubble intensity.



Image: A diagram illustrating the water flow path through the filter, showing how water is drawn through the sponge and released with air bubbles.

## MAINTENANCE

Regular maintenance of your filter sponge is crucial for optimal performance and aquarium health. The frequency of cleaning depends on your tank's bioload and size.

### 1. Cleaning the Sponge:

- Disconnect the air pump.
- Carefully remove the filter unit from the aquarium.
- Disassemble the filter unit (refer to the "Toolless disassembly" diagram).
- Remove the dirty sponge.
- Rinse the sponge 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 sponge to remove trapped debris.
- Reassemble the filter with the cleaned sponge and return it to the aquarium. Reconnect the air pump.

### 2. Sponge Replacement:

Over time, sponges may degrade or become too clogged to clean effectively. Replace the sponge when it shows signs of wear, tear, or permanent clogging. The UPETTOOLS BT302 replacement sponges are specifically designed for this filter model.

*Note:* While some users may attempt to cut generic filter media, using genuine UPETTOOLS BT302 replacement sponges ensures proper fit and filtration efficiency.

3. **Bio Ball Maintenance:** The bio balls rarely need cleaning. If they appear excessively dirty, rinse them gently in old aquarium water, similar to the sponge.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No bubbles or weak airflow	Air pump off or faulty, airline kinked/blocked, bubble stone clogged, sponge clogged.	Check air pump power and function. Inspect airline for kinks or blockages. Clean or replace bubble stone. Clean or replace filter sponge.

Problem	Possible Cause	Solution
Water remains cloudy	Sponge is saturated with debris, insufficient biological filtration, overfeeding, new tank syndrome.	Clean or replace filter sponge. Ensure proper tank cycling. Reduce feeding. Perform partial water changes.
Filter floats	Air trapped inside, suction cups not adhering.	Gently shake the filter underwater to release trapped air. Re-attach suction cups to a clean tank surface.

## SPECIFICATIONS

Feature	Detail
Model	BT302
Sponge Dimensions (approx.)	Diameter: 2.83 inches, Thickness: 0.27 inches
Recommended Tank Size (for full filter unit)	3-7 Gallons
Compatible Air Pump Wattage	>1W
Outlet Size	Compatible with 4mm airline
Item Weight (3 Pcs)	0.282 ounces
Package Dimensions	4.88 x 4.09 x 0.87 inches



Image: A diagram illustrating the dimensions of the BT302 replacement sponge, showing a diameter of 2.83 inches and a thickness of 0.27 inches.

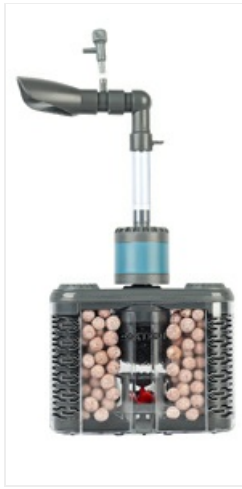


Image: A visual representation of the filter specifications, including recommended tank size and air pump wattage, shown with a small fish tank and an external air pump.

## WARRANTY AND SUPPORT

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For any questions, concerns, or support regarding your UPETTOOLS product, please refer to the retailer's return policy or contact UPETTOOLS customer service directly through their official channels. Keep your purchase receipt for warranty claims, if applicable.

This product is designed for durability and performance when used as directed. Proper maintenance, as outlined in this manual, will extend the lifespan of your filter sponges.