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DEGGOX YU-228C

DEGGOX Aquarium Electric Sponge Filter (Model YU-228C)

Instruction Manual for 10-20 Gallon Aquariums

1. INTRODUCTION

Thank you for choosing the DEGGOX Aquarium Electric Sponge Filter. This filter is designed to provide efficient physical and biological filtration for your aquarium, promoting a healthy environment for aquatic life. It is suitable for both freshwater and saltwater tanks ranging from 10 to 20 gallons. This manual provides detailed instructions for the proper setup, operation, and maintenance of your filter.



Figure 1: Overview of the DEGGOX Aquarium Electric Sponge Filter.

2. SAFETY INSTRUCTIONS

- Read all instructions before using the appliance.
- Ensure the power supply voltage matches the rating label on the pump.
- Always unplug the filter from the power outlet before performing any maintenance, cleaning, or when handling the filter.
- Do not operate the filter if the power cord or plug is damaged.
- Keep the power cord away from sharp objects or hot surfaces.
- This appliance is for indoor use only and must be fully submerged in water during operation.
- Do not use this filter for purposes other than its intended use in aquariums.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Submersible Water Pump with Power Cord
- Filter Sponges (2 main, 4 spare)

- Bio Ceramic Media Balls (1 bag)
- Venturi Nozzle / Rain Bar Output Assembly
- Connecting Pipes and Fittings
- Suction Cups (3)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of the DEGGOX Electric Sponge Filter:



Figure 2: Labeled components of the filter.

- **Rain Shower:** Provides gentle water distribution and aeration.
- **3.5W Motor:** The submersible pump that drives water through the filter.
- **Filter Sponge:** Provides mechanical filtration to remove particles and biological filtration for beneficial bacteria.
- **AC Cord 5.9Ft:** Power cable for the pump.
- **Bio Ceramic Media Balls:** Provides extensive surface area for biological filtration.

5. SETUP INSTRUCTIONS

1. **Assemble the Filter:** Connect the two sponge filter units to the central pump assembly. Ensure the bio ceramic media balls are placed inside the bottom compartments of the sponge filters.
2. **Attach Output:** Connect the desired water output (venturi nozzle or rain bar) to the top of the pump's outlet pipe. The venturi nozzle can be rotated for flow direction.
3. **Position in Aquarium:** Submerge the assembled filter completely in your aquarium. Use the three powerful suction cups located on the base and central column to securely attach the filter to the inside wall of your tank.

**With 3 powerful suction cups,
it will cling to your tank.**



Figure 3: Filter attachment using suction cups.

4. **Connect to Power:** Once the filter is securely placed and fully submerged, plug the power cord into a suitable electrical outlet. No additional air pump is required.

6. OPERATING INSTRUCTIONS

The DEGGOX Electric Sponge Filter operates by drawing water through the filter sponges and bio ceramic media, then expelling filtered water back into the tank. This process provides both mechanical and biological filtration.

How this Electric Sponge Filter work?

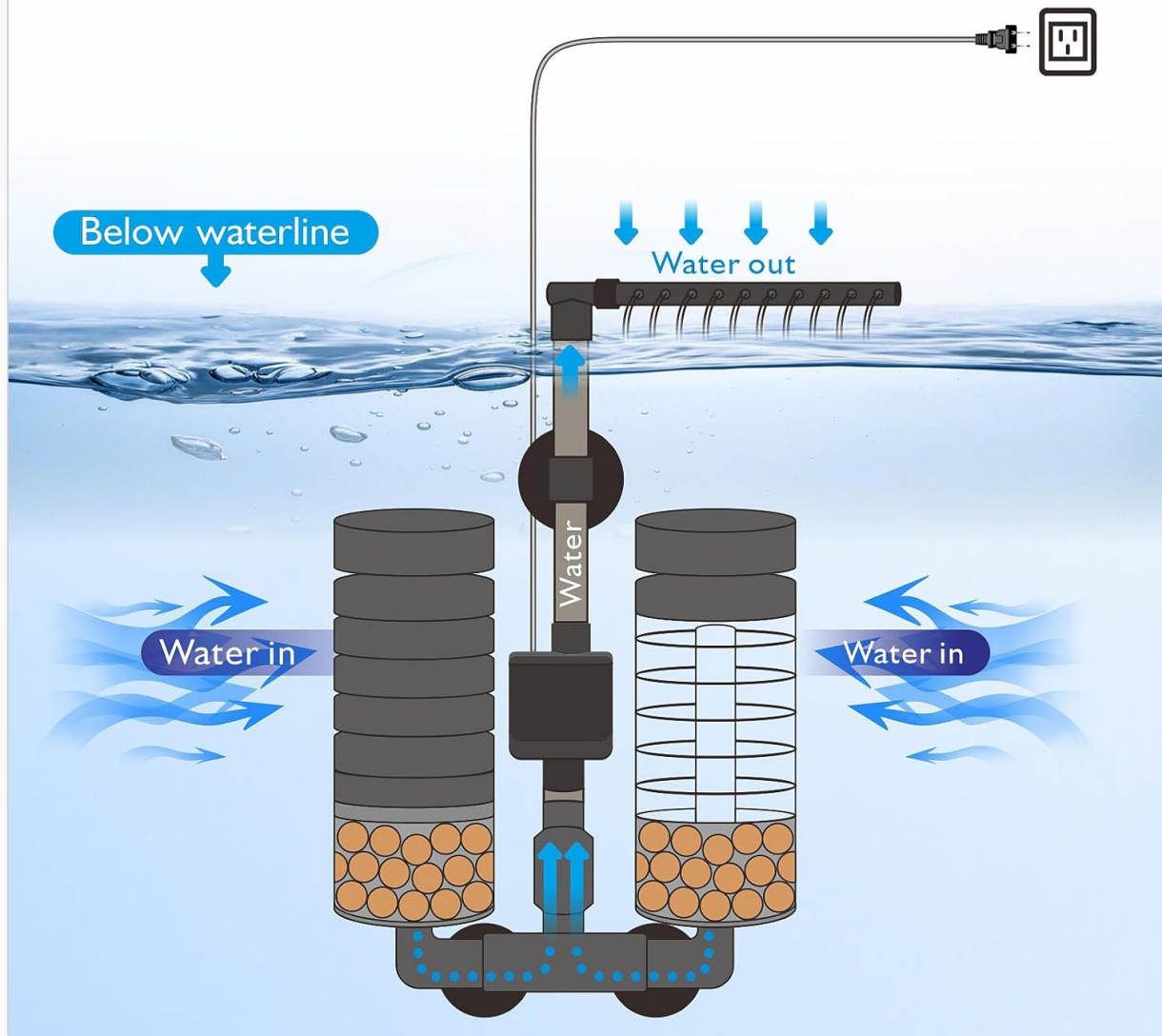


Figure 4: Illustration of the filter's water flow.

6.1. Venturi Nozzle and Rain Mode

The filter includes options for water output: a venturi nozzle and a rain bar. The venturi nozzle is designed to create a gentler water flow, which is beneficial for aquariums housing delicate species such as fry, shrimp, or bettas. The rain bar provides broader water distribution and aeration.



Figure 5: Venturi Nozzle (left) and Rain Bar (right) options.

6.2. Aquarium Compatibility

This filter is suitable for both freshwater and saltwater aquarium environments, providing effective filtration in either setup.



Figure 6: Filter usage in freshwater (left) and saltwater (right) aquariums.

7. MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your filter.

7.1. Filter Sponge Cleaning

The filter sponges can be reused. It is recommended to clean or replace one sponge per week. After initial installation, wait approximately two weeks before cleaning. Then, remove one side for cleaning, and clean the other side the following week. This staggered cleaning helps preserve beneficial bacteria in the filter.

- Unplug the filter from the power source.
- Carefully remove one filter sponge unit from the main assembly.
- Gently rinse the sponge in old aquarium water (from a water change) to avoid killing beneficial bacteria with chlorinated tap water.
- Reattach the cleaned sponge unit.
- Repeat the process for the other sponge unit the following week.

7.2. Bio Ceramic Media Balls

The bio ceramic media balls generally require less frequent cleaning. If they appear heavily soiled, gently rinse them in old aquarium water during sponge cleaning. Avoid aggressive cleaning to preserve the bacterial colonies.

7.3. Pump Maintenance

Periodically inspect the pump impeller for debris or blockages. Disassemble the pump housing (after unplugging) and clean any accumulated detritus to ensure smooth operation.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter not running / No water flow	<ul style="list-style-type: none"> • Power cord unplugged • Impeller jammed or dirty • Pump motor failure 	<ul style="list-style-type: none"> • Check power connection • Unplug, disassemble pump, clean impeller • Contact customer support if motor fails
Weak water flow	<ul style="list-style-type: none"> • Filter sponges clogged • Impeller partially blocked • Water level too low 	<ul style="list-style-type: none"> • Clean filter sponges • Clean impeller • Ensure filter is fully submerged
Excessive noise	<ul style="list-style-type: none"> • Impeller dirty or damaged • Filter not securely attached • Air trapped in pump 	<ul style="list-style-type: none"> • Clean or inspect impeller for damage • Re-secure suction cups • Gently shake filter to release air

9. SPECIFICATIONS

Feature	Detail
Model Number	YU-228C
Recommended Tank Size	10 to 20 Gallons
Power	3.5W (Motor)
Item Weight	0.8 Pounds (12.8 ounces)
Product Dimensions (LxWxH)	9.25 x 7.47 x 2.76 inches
Color	Black
Filtration Type	Physical and Biochemical
Compatibility	Freshwater and Saltwater

Model 1



Model 2

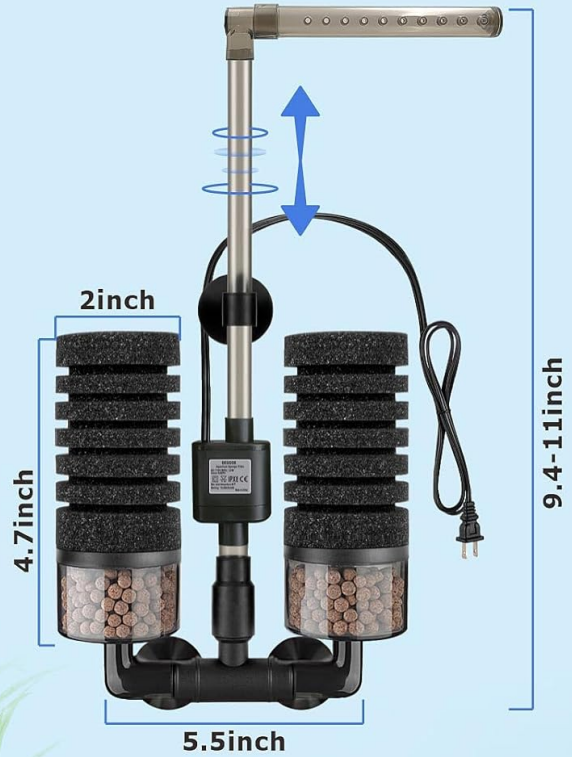


Figure 7: Dimensional comparison of filter models. This manual pertains to the 10-20 Gallon model (Model 1).

10. WARRANTY

This DEGGOX product is covered by a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or improper installation.

Please retain your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact DEGGOX customer support. You can find more information and contact details by visiting the official DEGGOX store:

[Visit the DEGGOX Store on Amazon](#)

