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AquaMiracle QS-288

AquaMiracle Submersible Aquarium Filter QS-288 Instruction Manual

Model: QS-288

1. PRODUCT OVERVIEW

The AquaMiracle Submersible Aquarium Filter QS-288 is designed to provide comprehensive 3-stage filtration, aeration, and water circulation for aquariums ranging from 60 to 150 gallons. Its versatile design allows for both vertical and horizontal placement, making it suitable for various aquatic environments, including fish and turtle tanks.

• Filtration • Aerating • Circulating



Figure 1: AquaMiracle Submersible Aquarium Filter components.

Key Features:

- **3-Stage Filtration:** Utilizes coarse, carbonized, and fine sponges for thorough mechanical and chemical filtration.
- **Adjustable Water Flow:** Customize the flow rate to suit your aquarium's needs and inhabitants.
- **Aeration Function:** Includes an air venturi and tubing to increase oxygen levels in the tank.
- **Dual Water Outlet:** Distributes water in two directions for enhanced circulation.
- **Versatile Placement:** Can be positioned vertically in aquariums or horizontally in shallow turtle tanks.
- **Safety:** Fully submersible with an epoxy-sealed motor, tested for high voltage safety.

2. SETUP AND INSTALLATION

Follow these steps to properly set up and install your AquaMiracle Submersible Aquarium Filter QS-288:

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all filter media (coarse, carbonized, fine sponges) are present.
2. **Assemble Filter Media:** Insert the filter sponges into the main filter body in the correct order: coarse sponge at the bottom, followed by the carbonized sponge, and then the fine sponge at the top.
3. **Attach Pump Head:** Securely attach the pump head to the top of the filter body.
4. **Install Aeration Kit (Optional):** If using the aeration function, connect the air tubing to the designated nozzle on the pump head. Ensure the air venturi is properly attached and positioned above the water surface.
5. **Position Filter:** Place the filter inside your aquarium. The suction cups on the pump head will help secure it to the tank wall. Ensure the filter is fully submerged in water. It can be placed vertically or horizontally, depending on your tank type (fish or turtle).
6. **Connect Power:** Plug the filter into a suitable power outlet.

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Video 1: Unboxing, Assembly, and Installation of the AquaMiracle 3-Stage Submersible Aquarium Filter. This video demonstrates how to prepare the filter for use and secure it in your aquarium.



Figure 2: Correct positioning for the AquaMiracle filter in an aquarium or turtle tank.

3. OPERATING INSTRUCTIONS

The AquaMiracle filter offers several adjustable features to optimize your aquatic environment:

- **Water Flow Control:** A flow regulator is integrated into the filter design. Adjust this regulator to customize the water flow rate according to the specific needs of your fish or other aquatic inhabitants.
- **Aeration Adjustment:** The air venturi and tubing provide oxygenation. To achieve the best aeration, use only one water outlet and ensure the filter is not positioned too deep in the water. The bubble control on the air tubing allows you to regulate the amount of air introduced.
- **Dual-Nozzle Output:** The filter comes with two nozzles to distribute water in two directions, enhancing overall water circulation within the tank.



Figure 3: Overview of the AquaMiracle filter's versatile functions, including flow control and aeration.

4. MAINTENANCE

Regular maintenance of your AquaMiracle filter is crucial for maintaining optimal water quality and extending the life of the unit. The 3-stage filtration system is designed for easy cleaning.

1. **Disassemble Filter:** Unplug the filter from the power source. Carefully remove the filter from the aquarium. Detach the pump head from the filter body.
2. **Remove Sponges:** Extract the coarse, carbonized, and fine sponges from the filter body.
3. **Clean Sponges:** Rinse the coarse and fine sponges thoroughly under running water to remove accumulated debris. For the carbonized sponge, rinse gently without wringing or squeezing to preserve its structure. It is recommended to rinse filter media in old aquarium water during water changes to preserve beneficial bacteria.
4. **Clean Filter Body and Impeller:** Clean the inside of the filter body and inspect the impeller for any blockages or debris. Remove any foreign material.
5. **Reassemble:** Reinsert the cleaned sponges in the correct order (coarse, carbonized, fine), reattach the pump head, and place the filter back into the aquarium. Ensure it is fully submerged before plugging it back in.

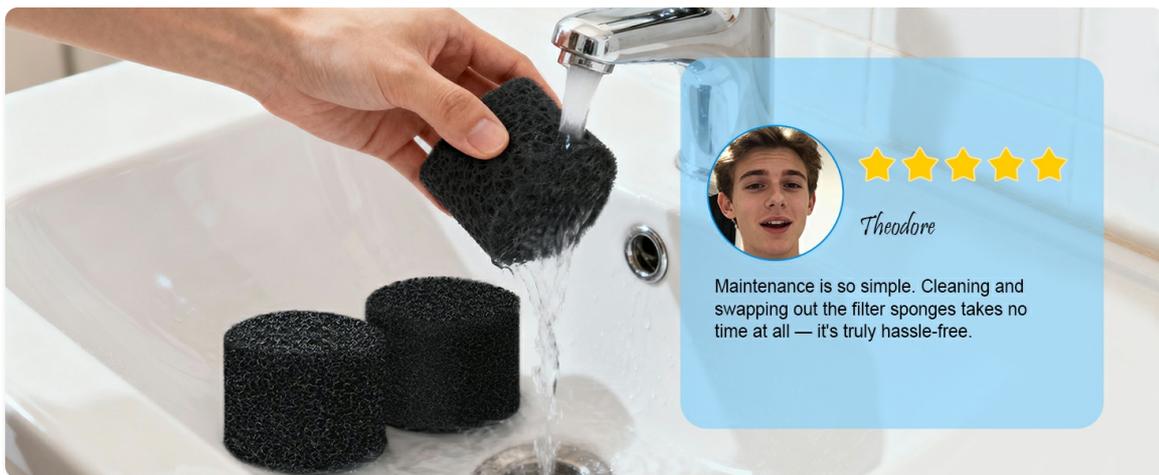


Figure 4: The 3-stage filter sponges are designed for easy removal and cleaning.

5. TROUBLESHOOTING

If you encounter issues with your AquaMiracle filter, refer to the following common problems and solutions:

- **Reduced Water Flow:**
 - Check if the filter media is clogged. Clean or replace sponges as needed.
 - Ensure the impeller is free of debris and spinning correctly.
 - Verify the flow control regulator is set to the desired level.
- **No Aeration/Few Bubbles:**

- Ensure the air tubing is securely connected and not kinked.
 - Check the air venturi for blockages.
 - Adjust the bubble control on the air tubing.
 - Confirm the filter is not submerged too deeply, which can reduce aeration effectiveness.
- **Unusual Noise:**
 - Check the impeller for any foreign objects or damage.
 - Ensure the filter is securely attached to the tank wall and not vibrating against the glass.
- **Cloudy Water:**
 - Clean or replace all filter media, especially the fine sponge.
 - Perform a partial water change.
 - Ensure the filter is running continuously.

6. SPECIFICATIONS

Feature	Specification
Model Number	QS-288
Maximum Flow Rate	300 GPH (1140 L/H)
Maximum Lift	4.5 ft (1.35 m)
Power	12 W
Voltage	120 Volts
Recommended Tank Size	60-150 Gallons
Product Dimensions (L x W x H)	2.95" x 2.95" x 10.24"
Item Weight	1.6 Pounds
Material	Copper, Steel, Rubber, ABS
Included Components	Aquarium filter unit, 3-stage filter sponges, aeration kit



Figure 5: AquaMiracle filter model comparison, including QS-288 specifications.

7. WARRANTY AND SUPPORT

The AquaMiracle Submersible Aquarium Filter QS-288 comes with a **1-Year Manufacturer Warranty**.

For any questions, troubleshooting assistance, or warranty claims, please contact AquaMiracle customer support through the retailer's platform or visit the official AquaMiracle store online.