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VAYINATO WP-206H

VAYINATO Sobo Transparent Nano Aquarium Hang On Back Filter WP-206H Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your VAYINATO Sobo Transparent Nano Aquarium Hang On Back Filter WP-206H. Please read this manual thoroughly before use to ensure proper function and longevity of the product. This filter is designed to provide efficient mechanical and biological filtration for small aquariums, promoting clear and healthy water conditions.

2. Safety Instructions

- Always disconnect the power supply before performing any maintenance or cleaning.
- Ensure your hands are dry when plugging or unplugging the unit.
- Do not operate the filter if the power cord or plug is damaged.
- This appliance is intended for indoor use only and for use with aquariums.
- Keep out of reach of children.
- Ensure the filter is securely mounted on the aquarium before operation.
- Never run the filter dry; always ensure the filter chamber is filled with water before starting.

3. Package Contents

Please check the package to ensure all components are present and undamaged:

- Filter Unit (main body with motor)
- Intake Tube
- Surface Skimmer Attachment
- Filter Media (sponge/carbon pad)
- Adjustable Flow Knob



Image: All components of the VAYINATO Sobo Hang On Back Filter, including the main unit, intake tube, and surface skimmer.

4. Product Features

- **Efficient Filtration System:** Provides mechanical and biological filtration for crystal-clear water.
- **Built-in Surface Skimmer:** Removes oil film and improves oxygen exchange in the aquarium.
- **Ultra Silent Operation:** Designed to run quietly.
- **Energy Efficient:** Low power consumption (3W) with high performance output.
- **Compact Design:** Ideal for nano and small tank setups, including shrimp, betta, and other small aquariums.



Image: The filter unit showcasing its key features: surface skimmer, flow controller, and bottom anti-collision design.

5. Setup Instructions

1. **Assemble the Intake Tube:** Connect the intake tube sections and the surface skimmer attachment to the main filter unit. Ensure all connections are secure.
2. **Insert Filter Media:** Place the provided filter media (e.g., sponge, carbon pad) into the filter chamber.
3. **Mount the Filter:** Hang the filter unit securely on the back or side of your aquarium. Ensure the intake tube is submerged in the water and the filter outlet is positioned to create a gentle waterfall effect.
4. **Prime the Filter:** Before plugging in, the filter chamber must be filled with water. Slowly pour aquarium water into the filter chamber until it is full. This prevents the motor from running dry and ensures immediate operation.



Image: A hand pouring water into the filter chamber, demonstrating the priming process before first use.



Image: The filter installed on an aquarium, with water flowing from the outlet, indicating proper operation.

6. Operating Instructions

1. **Power On:** After priming, plug the filter into a suitable power outlet. The filter should start operating immediately, drawing water from the aquarium and returning filtered water.
2. **Adjust Flow Rate:** Use the adjustable knob located on the top of the filter unit to control the water output. Turn the knob clockwise to decrease flow and counter-clockwise to increase flow, according to your aquarium's needs and inhabitants.



Image: A close-up view of the adjustable knob, indicating the direction to turn for increasing or decreasing water flow.

7. Maintenance

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

- **Weekly:** Check the intake tube and surface skimmer for any blockages from debris or plant matter. Clean as necessary.
- **Bi-weekly/Monthly (depending on bio-load):** Disconnect power. Remove the filter media. Rinse the sponge filter media in old aquarium water (not tap water) to preserve beneficial bacteria. Replace carbon media every 2-4 weeks as it loses effectiveness. Clean the impeller and impeller housing with a small brush to remove any buildup.
- **Reassembly:** Reassemble all parts, ensuring they are correctly fitted. Prime the filter with aquarium water before reconnecting power.

8. Troubleshooting

Problem	Possible Cause	Solution
Filter not starting or weak flow	• Not primed with water • Impeller clogged or damaged • Intake tube blocked • Power outage	• Fill filter chamber with water before plugging in. • Clean or replace impeller. • Clear any blockages from the intake tube. • Check power connection.
Excessive noise or vibration	• Impeller dirty or misaligned • Air trapped in filter • Filter not securely mounted	• Clean and re-seat the impeller. • Gently shake the filter to release trapped air. • Ensure filter is firmly attached to the aquarium.
Water not clear	• Filter media dirty or exhausted • Filter too small for tank size/bio-load	• Clean or replace filter media. • Perform partial water changes.

9. Specifications

- **Model:** WP-206H
- **Brand:** VAYINATO
- **Power Consumption:** 3 Watts
- **Flow Rate:** 250 Liters/Hour (L/H)
- **Item Weight:** 290 g
- **Package Dimensions:** 15.1 x 12.5 x 8.9 cm
- **Manufacturer:** VAYINATO

10. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact VAYINATO customer service directly. Keep your purchase receipt as proof of purchase.

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