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VAYINATO WP-2880F

VAYINATO Sobo WP-2880F Aquarium Top Filter Instruction Manual

Model: WP-2880F | Brand: VAYINATO

1. Product Overview

The VAYINATO Sobo WP-2880F is a powerful 3-in-1 aquarium top filter designed to maintain a clean and healthy aquatic environment. It integrates filtration, aeration, and water circulation into a single, efficient unit. With a robust 30W motor and a flow rate of 1800 liters per hour (L/H), this filter is suitable for medium to large aquariums.

Figure 1: The Sobo WP-2880F filter provides 3-in-1 functionality: filtration, water circulation, and oxygen supply.

Key Features:

- **1800 L/H High Flow Rate:** Ensures powerful circulation for efficient water cleaning.
- **3-in-1 Filtration System:** Combines mechanical filtration, aeration, and water circulation.
- **30W Energy Efficient Motor:** Provides strong output with optimized power usage.
- **Low Noise Operation:** Designed for quiet performance, ideal for home aquariums.
- **Easy Top Mount Installation:** Simple setup and hassle-free maintenance.

2. Safety Instructions

Please read and understand all safety instructions before operating this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect the power supply before performing any maintenance, installation, or cleaning.

- Ensure your hands are dry before handling the power plug or electrical components.
- Do not operate the filter if the power cord or plug is damaged.
- This appliance is designed for indoor use only and for use with aquariums. Do not use it for other purposes.
- Ensure the filter is fully submerged in water during operation to prevent dry running, which can damage the motor.
- Keep out of reach of children.
- Do not attempt to repair the appliance yourself. Refer to qualified service personnel.

3. Package Contents

Verify that all components are present and in good condition upon unpacking:

- Sobo WP-2880F Filter Unit (Filter box and pump)
- 1-foot High-Quality Sponge Filter Media
- Water Outlet Pipe and Connectors
- Adjustable Hanging Brackets

4. Setup and Installation

Follow these steps to properly set up and install your Sobo WP-2880F top filter:

1. **Assemble the Pump:** Attach the water outlet pipe and any necessary connectors to the pump unit. Ensure all connections are secure.
2. **Place Filter Media:** Open the filter box and place the provided 1-foot sponge filter media inside. Additional filter media (not included) can be added for enhanced biological and chemical filtration.

Figure 2: Example of filter media placement within the filter box. Sponge media is included, other media can be added.

3. **Connect Pump to Filter Box:** Insert the pump's water intake into the designated opening at the bottom of the filter box. Ensure a snug fit.
4. **Mount on Aquarium:** Use the adjustable hanging brackets to securely mount the filter box onto the rim of your aquarium. The pump unit should be submerged in the water, and the filter box should rest above the water level.

Figure 3: Proper installation of the top filter on an aquarium rim.

5. **Position Water Outlet:** Adjust the water outlet pipe to direct the filtered water back into the aquarium, creating surface agitation for aeration.

Figure 4: Illustration of water circulation and aeration provided by the filter.

6. **Check Water Level:** Ensure the water level in your aquarium is sufficient for the pump to operate correctly and remain fully submerged.

5. Operating Instructions

Once installed, operating the Sobo WP-2880F filter is straightforward:

1. **Power On:** Plug the power cord into a suitable electrical outlet. The pump will immediately begin drawing water from the aquarium into the filter box.
2. **Observe Flow:** Water will pass through the filter media in the filter box and return to the aquarium via the outlet pipe. Observe the water flow to ensure it is consistent and free of obstructions.
3. **Continuous Operation:** For optimal water quality, the filter should operate continuously.

6. Maintenance

Regular maintenance is crucial for the efficient and long-term operation of your filter. Always disconnect power before

maintenance.

Cleaning the Filter Media:

- **Frequency:** Clean the sponge filter media every 1-2 weeks, or more frequently if water flow decreases significantly.
- **Procedure:**

    a. Unplug the filter from the power outlet.
    b. Carefully remove the filter box from the aquarium.
    c. Remove the sponge filter media from the filter box.
    d. Rinse the sponge thoroughly with old aquarium water (from a water change) or dechlorinated tap water. Avoid using untreated tap water as it can kill beneficial bacteria.

Figure 5: Cleaning the filter sponge by rinsing out accumulated debris.

    e. Clean the inside of the filter box to remove any accumulated sludge.
    f. Reassemble the filter and reinstall it on the aquarium.
    g. Plug the filter back in.

Cleaning the Pump:

- **Frequency:** Clean the pump impeller and housing every 1-2 months, or if the pump becomes noisy or loses power.
- **Procedure:**
    a. Unplug the filter.
    b. Remove the pump unit from the filter box and aquarium.
    c. Carefully detach the impeller cover and remove the impeller.
    d. Clean the impeller and its shaft, as well as the impeller chamber, using a small brush or cotton swab to remove any debris or mineral buildup.
    e. Reassemble the pump, ensuring the impeller is correctly seated.
    f. Reinstall the filter and plug it back in.

7. Troubleshooting

If you encounter issues with your Sobo WP-2880F filter, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Filter not starting	No power; Impeller jammed; Air lock	Check power connection; Clean impeller; Gently shake pump to release air.
Low water flow	Clogged filter media; Clogged pump impeller; Low water level	Clean/replace filter media; Clean impeller; Ensure pump is fully submerged.
Excessive noise	Impeller dirty/damaged; Air in pump; Pump not fully submerged	Clean/inspect impeller; Gently shake pump; Ensure pump is fully submerged.
Water leaking from filter box	Improper assembly; Cracked housing	Check all connections and seals; Inspect filter box for damage.

8. Specifications

Specification	Detail
Model	WP-2880F
Power Consumption	30W
Max Flow Rate	1800 L/H
Product Dimensions (LxWxH)	25 x 10 x 7 cm
Item Weight	0.1 g
Manufacturer	Kintons
Country of Origin	China

9. Warranty and Support

For warranty information or technical support, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

You can visit the VAYINATO Store for more information:VAYINATO Store on Amazon.in

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