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JPHYLL HC-288 Aquarium Water Pump User Manual

Model: HC-288 | Brand: JPHYLL

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JPHYLL HC-288 3-in-1 Submersible Aquarium Water Pump. This device is designed to provide filtration, oxygenation, and water circulation for your fish tank, contributing to a healthy aquatic environment. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. SAFETY INSTRUCTIONS

- Always ensure the pump is fully submerged in water before connecting it to a power source. Operating the pump dry can cause damage.
- Disconnect the power supply before performing any maintenance, cleaning, or when removing the pump from the water.
- This appliance is designed for indoor use in aquariums only. Do not use it for other purposes.
- Ensure the power cord is not damaged. Do not operate the pump with a damaged cord or plug.
- Keep the power plug and socket dry. Do not handle the plug with wet hands.
- Children should be supervised to ensure they do not play with the appliance.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any parts are missing or damaged, contact customer support.

- Submersible Pump (1 unit)
- White Filter Sponge (1 unit)
- Pump Accessories:
 - Rain shower pipe plug (1 unit)
 - Water outlet rain pipe (1 unit)
 - Upper water elbow (1 unit)
 - Fix the soft hook (1 unit)

- Oxygen pipe (1 unit)
- Small elbow for oxygen output (1 unit)
- Upper Water Trident (1 unit)
- Water supply pipe (1 unit)
- Anti-Suction Inlet (1 unit)



Figure 1: JPHYLL HC-288 Aquarium Water Pump and its various components. This image displays the main pump unit along with the filter sponge, rain pipe, oxygen pipe, and other connection accessories.

4. PRODUCT FEATURES

The JPHYLL HC-288 is a versatile 3-in-1 submersible pump designed for optimal aquarium health:

- **Filtration:** Equipped with a reusable filter sponge for 4-pronged filtration, ensuring clear water by removing debris and impurities.
- **Oxygenation:** Includes an oxygen pipe and air intake system to increase dissolved oxygen levels in the water, vital for fish health.
- **Water Circulation:** Creates water movement to distribute heat, nutrients, and oxygen evenly throughout the tank, preventing stagnant areas.
- **Quiet Operation:** Engineered for silent performance, minimizing disturbance to both aquatic life and household environment.
- **Extended Rain Pipe:** Features an extended rain pipe for a gentle waterfall effect, enhancing aesthetics and further aiding oxygen exchange.

5. SETUP INSTRUCTIONS

1. **Prepare the Pump:** Ensure the pump and all accessories are clean. Rinse the filter sponge under clean water before first use.

2. **Assemble Components:** Attach the desired accessories (e.g., water outlet rain pipe, upper water elbow, water supply pipe) to the pump's outlet. If using the oxygenation feature, connect the oxygen pipe to the small elbow for oxygen output and then to the pump.
3. **Position the Pump:** Place the pump inside your aquarium. Use the fix soft hook to secure it to the tank wall if necessary. Ensure the pump is positioned where it can draw water effectively and distribute filtered water and oxygen throughout the tank.
4. **Oxygen Tube Placement:** If using the oxygenation function, ensure the other end of the oxygen tube with the valve is placed outside the aquarium, above the water level, to draw in air. Keep the inside of the tube dry to ensure proper air intake.
5. **Submerge Completely:** Crucially, ensure the entire pump unit is fully submerged in water before connecting it to the power supply.
6. **Connect Power:** Once fully submerged, plug the pump into a suitable electrical outlet.

6. OPERATING INSTRUCTIONS

1. **Starting the Pump:** After following the setup instructions and ensuring the pump is fully submerged, plug the power cord into an electrical outlet. The pump will start operating immediately.
2. **Oxygenation Adjustment:** If the oxygen pipe is connected, air bubbles will be introduced into the water. The air flow can typically be adjusted using the valve on the oxygen pipe located outside the tank.
3. **Water Flow:** The pump provides continuous water circulation. Observe the water flow and adjust the position of the rain pipe or outlet to achieve desired water movement and surface agitation.
4. **Stopping the Pump:** To turn off the pump, simply unplug it from the electrical outlet. Always unplug before removing the pump from the water or performing any maintenance.

7. MAINTENANCE

Regular maintenance is essential for the efficient operation and longevity of your JPHYLL HC-288 pump.

1. **Frequency:** It is recommended to clean the pump and filter sponge every 2-4 weeks, or more frequently depending on the aquarium's bio-load and water conditions.
2. **Disconnect Power:** Always unplug the pump from the power outlet before beginning any maintenance.
3. **Remove from Tank:** Carefully remove the pump from the aquarium.
4. **Clean Filter Sponge:** Detach the filter sponge from the pump. Rinse the sponge thoroughly under clean, dechlorinated water. Avoid using tap water directly as chlorine can harm beneficial bacteria. If the sponge is heavily soiled or degraded, replace it.
5. **Clean Pump Impeller:** Disassemble the pump housing to access the impeller. Gently remove any debris, algae, or mineral buildup from the impeller and its chamber using a small brush or cotton swab. Ensure the impeller spins freely.
6. **Clean Accessories:** Rinse all pipes, elbows, and other accessories to remove any blockages or buildup.
7. **Reassemble and Restart:** Reassemble all components, place the pump back into the aquarium, ensure it is fully submerged, and then reconnect the power.

8. TROUBLESHOOTING

If you encounter issues with your JPHYLL HC-288 pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start or runs intermittently.	<ul style="list-style-type: none"> • Not plugged in or power outage. • Impeller jammed by debris. • Pump not fully submerged. • Damaged power cord. 	<ul style="list-style-type: none"> • Check power connection and outlet. • Unplug, remove pump, clean impeller and chamber. • Ensure pump is fully submerged before plugging in. • Inspect cord for damage; if damaged, discontinue use.
Low water flow.	<ul style="list-style-type: none"> • Filter sponge clogged. • Impeller partially blocked. • Outlet or pipes clogged. 	<ul style="list-style-type: none"> • Clean or replace filter sponge. • Unplug, remove pump, clean impeller. • Clean all connected pipes and outlets.
No or weak air bubbles (oxygenation).	<ul style="list-style-type: none"> • Oxygen pipe blocked or kinked. • Air intake valve closed or clogged. • End of oxygen tube submerged. 	<ul style="list-style-type: none"> • Check oxygen pipe for blockages or kinks. • Ensure air intake valve is open and clean. • Ensure the end of the oxygen tube is above water and dry.
Excessive noise or vibration.	<ul style="list-style-type: none"> • Impeller worn or damaged. • Debris in impeller chamber. • Pump not securely placed. 	<ul style="list-style-type: none"> • Unplug, inspect impeller for damage; replace if necessary. • Clean impeller and chamber thoroughly. • Ensure pump is stable and not touching tank walls or decorations.

9. SPECIFICATIONS

Feature	Detail
Model	HC-288
Brand	JPHYLL
Type	3-in-1 Submersible Aquarium Water Pump
Functions	Filtration, Oxygenation, Water Circulation
Material	Plastic

Feature	Detail
Color	Black
Power Source	Corded Electric
Pump Size (approx.)	2.24 x 1.65 inches
Batteries Required	No

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

