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› Pawfly Aquarium Wave Maker 2000 GPH Instruction Manual

Pawfly WP-2751

Pawfly Aquarium Wave Maker 2000 GPH Instruction Manual

Model: WP-2751

1. PRODUCT OVERVIEW

The Pawfly Aquarium Wave Maker is a submersible circulation pump designed to create water movement in freshwater and marine aquariums. It helps reduce waste deposition, promotes oxygen circulation, and distributes food for aquatic life. This model provides a maximum flow rate of 2000 gallons per hour (GPH) and is suitable for tanks up to 150 gallons.



Image: The Pawfly Aquarium Wave Maker submerged in a fish tank, mimicking natural sea waves.

Key Features:

- **Large Water Flow:** Up to 2000 GPH, suitable for 50-150 gallon freshwater tanks and 30-100 gallon marine tanks.
- **Compact Design:** Space-saving and unobtrusive.
- **360° Adjustable Angle:** Allows for multi-directional water flow to eliminate stagnant areas.
- **Quiet Operation:** Operates at less than 35 dB.
- **Durable Components:** Features a pure copper motor and a wear-resistant ceramic shaft.
- **Strong Suction Cup Base:** Ensures secure attachment to aquarium glass.

2. SAFETY INSTRUCTIONS

Please read and follow these safety guidelines carefully to prevent injury or damage.

- Always disconnect power to all aquarium equipment before performing any maintenance, installation, or handling of the wave maker.
- This appliance is for indoor aquarium use only. Do not use it for purposes other than its intended use.
- Ensure the power cord is not damaged. Do not operate the wave maker if the cord or plug is damaged.
- Do not operate the pump dry. It must be fully submerged in water during operation.
- Keep out of reach of children.
- Ensure a drip loop is formed with the power cord to prevent water from traveling along the cord and reaching the electrical outlet.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Pawfly Aquarium Wave Maker (1 unit)
- Suction Cup Base (1 unit)

4. SETUP

Follow these steps to properly install your wave maker:

1. **Clean the Installation Area:** Ensure the inside surface of your aquarium glass where you intend to place the wave maker is clean and free of algae or debris.
2. **Attach the Suction Cup:** Position the wave maker with its suction cup base against the clean glass. Lift the fastener on the suction cup. Press the suction cup firmly against the glass to expel any air.
3. **Secure the Fastener:** Press down the fastener on the suction cup to create a strong seal, securing the wave maker in place.
4. **Adjust Angle:** The wave maker head can rotate 360° on its base and tilt up to 45°. Adjust the angle to direct water flow as desired to create optimal circulation in your tank.
5. **Submerge Completely:** Ensure the entire wave maker is fully submerged in water before connecting to power.

Strong Suction Cups

Stick tightly to the smooth surface without falling off



Lift the fastener on the sucker



Press the sucker hard against the fish tank



Press down the fastener to expel the air

Image: Visual guide demonstrating how to attach the wave maker using its suction cup: 1. Lift fastener, 2. Press sucker hard, 3. Press down fastener to expel air.

Rotatable Head

Bring multi-directional waves for all-round circulation



Image: Illustration of the wave maker's rotatable head, showing 45° tilt and 360° rotation capabilities for multi-directional flow.

5. OPERATING INSTRUCTIONS

Operating the Pawfly Wave Maker is straightforward:

1. **Connect to Power:** Once installed and fully submerged, plug the power cord into a suitable electrical outlet. The wave maker will start operating immediately.

2. **Adjust Water Flow (if applicable):** Some models feature a sliding knob for slight adjustment of water flow. Slide the knob to increase or decrease the flow rate according to your preference and tank needs.
3. **Monitor Performance:** Observe the water movement in your aquarium to ensure optimal circulation and wave patterns.

Adjustable Water Flow

Only slight adjustment of water flow can be achieved

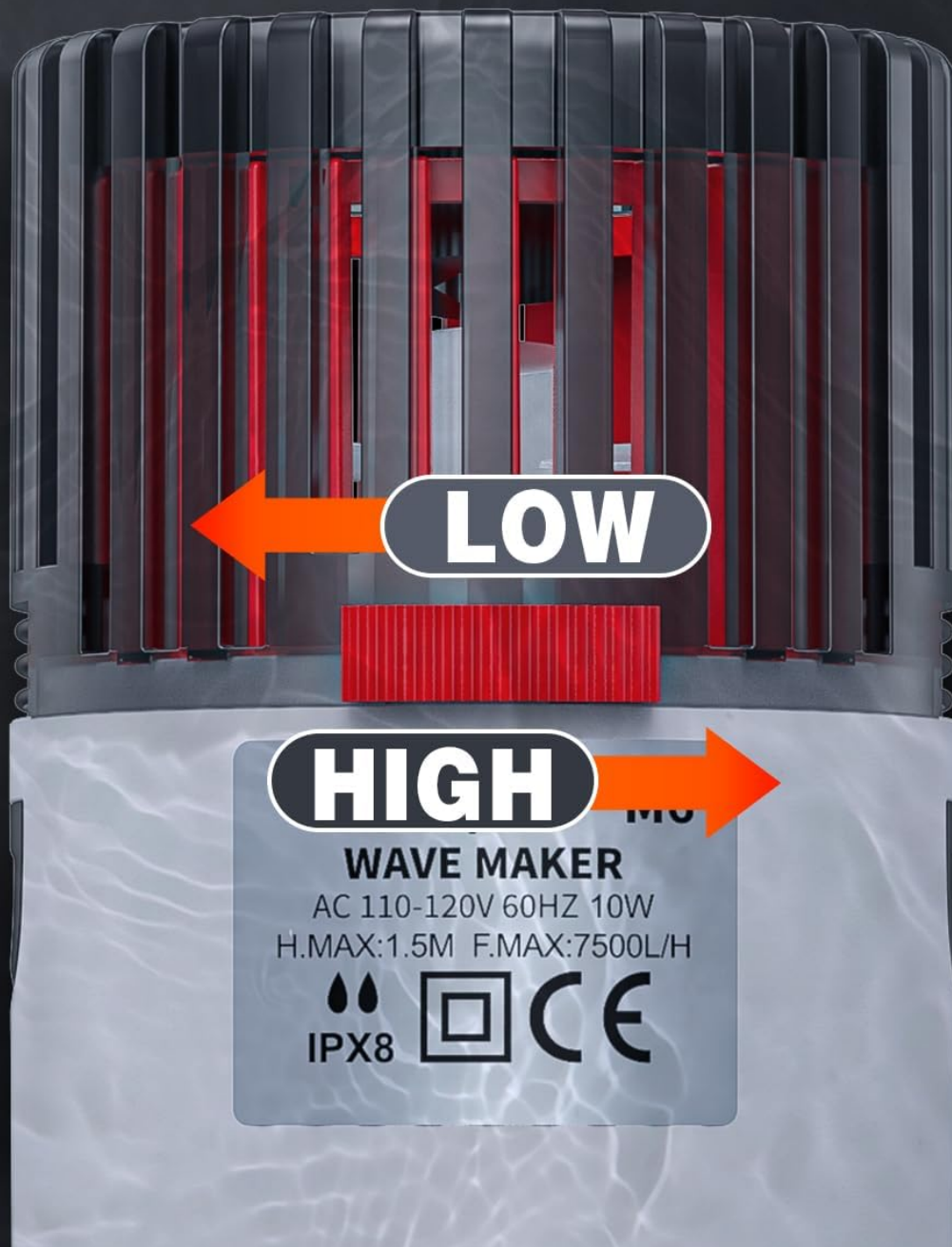


Image: Detail of the wave maker's adjustable water flow mechanism, indicating how to slide the knob for different flow intensities.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your wave maker.

- **Disconnect Power:** Always unplug the wave maker before any cleaning or maintenance.
- **Clean Impeller:** Periodically remove the front cover and impeller to clean off any accumulated algae, debris, or mineral deposits. Use a soft brush and clean water.
- **Inspect Ceramic Shaft:** Check the ceramic shaft for any signs of wear or damage. Replace if necessary.
- **Clean Suction Cup:** Ensure the suction cup is clean to maintain a strong grip. If it loses suction, clean both the cup and the aquarium glass thoroughly.
- **Reassemble:** After cleaning, reassemble all parts carefully, ensuring the impeller is correctly seated.



Image: Internal view highlighting the durable ceramic impeller shaft and the pure copper motor, key components for maintenance.

7. TROUBLESHOOTING

If you encounter issues with your Pawfly Wave Maker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Wave maker does not turn on.	No power, damaged cord/plug, impeller jammed.	Check power connection. Inspect cord for damage. Disconnect power, remove and clean impeller.
Reduced water flow.	Impeller clogged with debris, air trapped, flow adjustment set low.	Disconnect power, clean impeller and pump housing. Ensure pump is fully submerged and free of air bubbles. Adjust flow knob to higher setting.

Problem	Possible Cause	Solution
Excessive noise or vibration.	Impeller dirty or damaged, air trapped, improper installation.	Disconnect power, clean impeller and check for damage. Ensure pump is fully submerged and suction cup is securely attached. Re-seat impeller if it seems unbalanced.
Suction cup not holding.	Suction cup or glass dirty, air trapped under cup.	Clean both the suction cup and the aquarium glass thoroughly. Reapply the suction cup, ensuring all air is expelled by pressing down the fastener.

8. SPECIFICATIONS

Feature	Specification
Model Number	WP-2751
Max Flow Rate	2000 GPH (gallons per hour)
Power	10 W
Max Lift Height	5 ft
Applicable Freshwater Tank Size	50-150 gallons
Applicable Marine Tank Size	30-100 gallons
Material	Copper (motor), Ceramic (shaft)
Noise Level	< 35 dB
Style	Submersible

Compact but Powerful

Entirely drive water & greatly reduce waste deposition



Max Flow Rate	Applicable Tank	Power	Max Lift Height
2000 GPH	150 Gallons	10 W	5 ft.

Image: Product dimensions showing the compact size of the wave maker.

9. WARRANTY & SUPPORT

For warranty information or technical support, please contact Pawfly customer service through the retailer where the product was purchased or visit the official Pawfly website. Please have your model number (WP-2751) and purchase date available when contacting support.

Online Resources:

- Pawfly Store on Amazon: [Visit Pawfly Store](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question