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hygger HG-130

hygger 1320 GPH Aquarium Wave Maker Circulation Pump

Model: HG-130

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1. PRODUCT OVERVIEW

The hygger 1320 GPH Aquarium Wave Maker Circulation Pump is designed to create natural water movement within your aquarium, simulating river or ocean currents. This promotes a healthier environment for fish, corals, and aquatic plants by improving water circulation and increasing dissolved oxygen levels. Its ultra-quiet design and strong magnetic suction base ensure efficient and stable operation in both freshwater and saltwater tanks.



Image 1.1: The hygger 1320 GPH Aquarium Wave Maker Circulation Pump, shown partially submerged with water splashing around it, highlighting its function.

2. IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before use.
- This appliance is for indoor aquarium use only. Do not use for any other purpose.
- Ensure the power cord is not damaged. Do not operate if the cord or plug is damaged.

- Always disconnect the power supply before performing any maintenance, installation, or cleaning.
- Do not operate the pump dry. Ensure it is fully submerged in water before plugging it in.
- Keep out of reach of children.
- Ensure the voltage indicated on the pump matches your local power supply.
- Never pull the pump by its power cord.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x hygger 1320 GPH Aquarium Wave Maker Circulation Pump
- 1 x Magnetic Suction Base
- 2 x Suction Cups (pre-attached or separate, depending on model revision)

4. PRODUCT FEATURES

- **Aquarium Water Circulation:** Simulates natural water flow, creating a dynamic environment for aquatic life and promoting healthy growth.
- **Powerful & Quiet Operation:** This 6W pump delivers 1320 GPH (5000 L/H) flow with minimal noise, suitable for 15-120 gallon tanks. Features an ultra-quiet propeller, motor, and shock-absorbing design.
- **Enhanced Filtration:** The 360° rotating flow direction helps stir debris towards the filter, preventing accumulation and improving overall water quality.
- **Durable Components:** Equipped with a wear and corrosion-resistant ceramic shaft for extended service life.
- **Wide Application:** Safe for use in both freshwater and saltwater aquariums, including various fish tanks, aquatic aquariums, and coral aquariums.



Image 4.1: Illustration of the pump's internal components, including the ceramic shaft and magnetic ring, emphasizing its quiet operation (less than 20dB).



Image 4.2: The wave maker in an aquarium, demonstrating its ability to create waves, promote water circulation, agitate debris, and increase oxygenation.



Image 4.3: Examples of the wave maker's application in various aquarium types, including LPS, Freshwater Aquariums, FOT (Fish Only Tank), and SPS (Small Polyp Stony coral) tanks.

5. SETUP AND INSTALLATION

- 1. Prepare the Aquarium:** Ensure your aquarium is filled with water to the desired level.
- 2. Attach the Magnetic Base:** The wave maker comes with a strong magnetic bracket. Place the pump unit inside the aquarium at your desired location.
- 3. Secure the External Magnet:** Align the external magnet on the outside of the aquarium glass, directly opposite the internal pump unit. The strong magnetic force will hold the pump securely in place.
- 4. Positioning:** Position the pump to direct water flow as needed. The pump head can be rotated 360 degrees to achieve optimal water movement.
- 5. Connect Power:** Once the pump is securely installed and fully submerged, plug the power cord into a suitable electrical outlet.



Image 5.1: Diagram illustrating the strong magnetic attachment mechanism, showing the internal pump unit and the external magnet securing it to the aquarium glass.

360 Degree Rotation

Easily churn debris toward the filter, eliminating dead spots and improving water quality

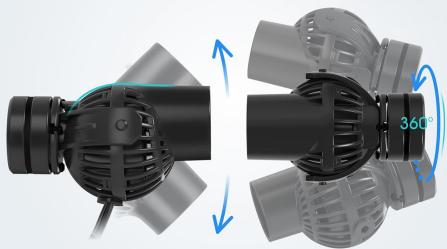


Image 5.2: Visual representation of the pump's 360-degree rotation capability, allowing users to easily adjust the water flow direction to eliminate dead spots and improve water quality.

6. OPERATING INSTRUCTIONS

Operating the hygger Wave Maker is straightforward:

- **Power On/Off:** Once plugged in, the pump will begin operating. To turn it off, simply unplug the power cord from the electrical outlet.
- **Adjusting Flow Direction:** The pump head can be manually rotated 360 degrees. Gently adjust the angle of the pump to direct the water flow to your desired area within the aquarium. This helps in creating varied current patterns and preventing debris settlement.
- **Continuous Operation:** The pump is designed for continuous operation. Monitor your aquarium's inhabitants to ensure the water flow is not too strong for them.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your wave maker:

1. **Disconnect Power:** Always unplug the pump from the power outlet before any maintenance.
2. **Remove from Aquarium:** Carefully detach the pump from the aquarium glass.
3. **Disassemble:** Gently twist and pull apart the pump housing to access the impeller and ceramic shaft. Refer to the product diagram for specific disassembly points.
4. **Clean Impeller and Shaft:** Remove any debris, algae, or mineral buildup from the impeller blades and the ceramic shaft. A soft brush or cotton swab can be used. Rinse thoroughly with clean water.
5. **Clean Pump Housing:** Clean the inside of the pump housing and the intake/output grilles.
6. **Reassemble:** Carefully reassemble the pump, ensuring all parts fit correctly.
7. **Reinstall:** Reinstall the pump in the aquarium following the setup instructions.

Note: The ceramic shaft is designed for durability, but handle it with care during cleaning to avoid damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start or operate.	No power; Impeller jammed; Damaged motor.	Check power connection. Clean impeller and shaft. If still not working, contact support.
Reduced water flow.	Impeller clogged with debris/algae; Mineral buildup.	Clean the impeller, shaft, and pump housing thoroughly.
Excessive noise or vibration.	Impeller not seated correctly; Debris in impeller; Pump not securely mounted.	Ensure impeller is properly seated. Clean impeller. Re-secure pump with magnetic base.

Problem	Possible Cause	Solution
Pump runs dry.	Water level too low.	Immediately unplug the pump. Refill aquarium to appropriate level. Reinstall pump.

9. SPECIFICATIONS

Attribute	Value
Brand	hygger
Model Number	HG-130
Maximum Flow Rate	1320 GPH (5000 Liters Per Hour)
Power Consumption	6W
Voltage	120 Volts
Product Dimensions (L x W x H)	4.1 x 2.5 x 2.5 inches
Item Weight	12.5 ounces
Material	Ceramic (shaft)
Power Cord Length	6 ft (1.87m)
Recommended Tank Size	15-120 Gallons

10. WARRANTY AND SUPPORT

This hygger product comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

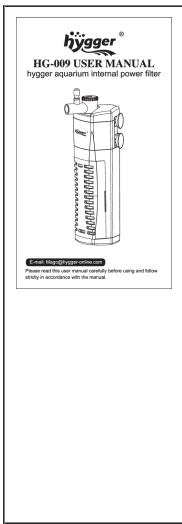
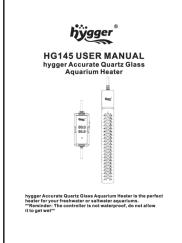
For warranty claims, technical support, or any questions regarding your hygger Aquarium Wave Maker, please contact hygger customer service. Please have your purchase receipt and product model number (HG-130) available when contacting support.

Contact information can typically be found on the hygger official website or through your retailer's customer service portal.

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Related Documents - HG-130

	<p>Hygger HG112 User Manual: Aquarium DC Wave Maker Pump Detailed user manual for the Hygger HG112 DC wave maker pump, covering features, installation, programming, troubleshooting, and specifications for aquariums from 55 to 150 gallons.</p>
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	<p>Hygger 009 Aquarium Internal Power Filter User Manual</p> <p>Comprehensive user manual for the Hygger 009 internal power filter, covering features, technical specifications, installation, operation, and maintenance for freshwater and saltwater aquariums.</p>
	<p>Hygger HG163 Aquarium Heater User Manual</p> <p>User manual for the Hygger HG163 Hollowed-out Aquarium Heater, providing instructions, features, specifications, troubleshooting, and safety warnings for freshwater and saltwater aquariums.</p>
	<p>Hygger HG085 Titanium Tube Heater User Manual</p> <p>Comprehensive user manual for the Hygger HG085 Titanium Tube Heater, detailing features, specifications, installation instructions, safety warnings, troubleshooting, and disposal information for aquarium use.</p>
	<p>Hygger HG085 Titanium Tube Heater User Manual Aquarium Temperature Control</p> <p>Comprehensive user manual for the Hygger HG085 Titanium Tube Heater. Learn about product features, specifications, installation, operation, safety warnings, troubleshooting, and warranty for your aquarium.</p>
	<p>Hygger HG145 Accurate Quartz Glass Aquarium Heater User Manual</p> <p>Comprehensive user manual for the Hygger HG145 Accurate Quartz Glass Aquarium Heater, detailing features, specifications, instructions, troubleshooting, safety warnings, and disposal information for optimal aquarium temperature control.</p>