

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

› [FREESEA](#) /

› FREESEA Aquarium Circulation Pump Wave Maker (Model QE-EU4G-F8SR) Instruction Manual

FREESEA QE-EU4G-F8SR

FREESEA Aquarium Circulation Pump Wave Maker (Model QE-EU4G-F8SR) Instruction Manual

For 20-75 Gallon Saltwater and Freshwater Tanks (1600 GPH)

1. INTRODUCTION

This FREESEA Aquarium Circulation Pump Wave Maker is designed to simulate natural water flow within your aquarium, creating a dynamic environment for aquatic life. It aids in circulating water, stirring debris, and increasing oxygen levels, contributing to a healthier tank ecosystem.



Image 1.1: FREESEA Aquarium Circulation Pump Wave Maker.

2. SAFETY INSTRUCTIONS AND CAUTIONS

Please read and understand all safety instructions before operating the device to prevent injury or damage.

- **Power Supply Verification:** Before use, confirm that the product's voltage and frequency are compatible with your local power supply.
- **Submersion Requirement:** To ensure proper product performance and prevent damage, the pump body must be completely submerged in water during operation. This product is not designed to run dry.
- **Magnetic Mount Installation:** When installing the magnetic mount, exercise caution. Position the external magnetic component on the outer wall of the aquarium and slowly move it towards the internal pump unit until it securely attaches. This method helps prevent damage to the aquarium glass.
- **Power Cord Integrity:** The power cord for this product is not replaceable. If the power cord becomes damaged, immediately discontinue use of the product to avoid electrical hazards.

CAUTIONS



1. Before use, please confirm whether the voltage and frequency of the product is consistent with the local power supply.



2. In order to ensure product performance, this product can't work without water; When used, it must be ensured that the pump body is completely submerged in water.



3. When installing the magnetic suction products, it should be carefully installed. It is best to put the outside of magnetic suction on the outer wall of aquarium and move slowly close to the suction tight to prevent damage to the aquarium.



4. The power cord of this product cannot be replaced. If found the power cord is damaged, please stop using it immediately.

Image 2.1: Visual representation of safety cautions for the wave maker.

3. PRODUCT FEATURES

- **Efficient Water Circulation:** Simulates natural ocean currents, promoting water movement and debris suspension for improved filtration.
- **Increased Oxygenation:** Enhances dissolved oxygen levels in the aquarium, beneficial for fish health.
- **Powerful and Quiet Operation:** Features an 8W motor delivering 1600 GPH flow with low energy consumption. The design minimizes operational noise.
- **Secure Magnetic Mount:** A stable magnetic base ensures easy and secure installation, preventing the pump from dislodging.
- **360-Degree Rotational Flow:** Dual ball heads allow for complete control over water flow direction, eliminating dead spots.
- **Protective Filter Cover:** Designed with dense, delicate slots to prevent small fish, corals, and invertebrates from being drawn into the pump.
- **Durable Construction:** Equipped with an anti-corrosion titanium impeller, suitable for both freshwater and saltwater environments.

POWERFUL AND QUIET



PROMOTE WATER CIRCULATION AND OXIDATION,
EASY TO KEEP THE TANK CLEAN



HIGH-PERFORMANCE MOTOR STAINLESS STEEL
SHAFT CORE, MORE EFFICIENT AND ENERGY-
SAVING



Image 3.1: Illustration of the powerful and quiet operation, showing the impeller and proper submersion.

DENSE FILTER COVER

UNIQUE WATER INLET COVER DESIGN EFFECTIVELY PREVENTS FISH FROM BEING INHALED, MAKING IT SAFER TO USE.



Image 3.2: Close-up of the dense filter cover designed to protect aquatic life.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present:

- FREESEA Aquarium Circulation Pump Wave Maker Unit
- Magnetic Mounting Base

5. SETUP AND INSTALLATION

1. **Choose Placement:** Select an appropriate location within your aquarium for optimal water circulation.
2. **Attach Magnetic Mount:** Place the internal part of the magnetic mount (attached to the pump) inside the aquarium. Position the external magnetic part on the outside of the aquarium glass, aligning it with the internal part. The strong magnetic force will secure the pump in place.

STRONG MAGNETIC BASE



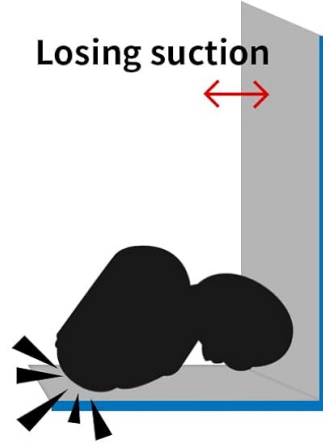
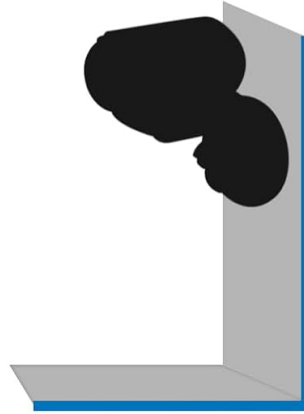
PLEASE MIND YOUR HANDS!



Image 5.1: Illustration of the magnetic base installation process.



Other WaveMaker Suction Cup



VS



FREESEA Wavemaker Magnet



Image 5.2: Comparison highlighting the stability of the magnetic mount over traditional suction cups.

3. **Adjust Direction:** Utilize the 360-degree rotational feature of the pump heads to direct the water flow as desired. This allows for precise targeting of areas needing circulation.

360 DEGREE ROTATION

EASY TO ADJUST THE DIRECTION, NO DEAD ANGLE IN THE CYLINDER

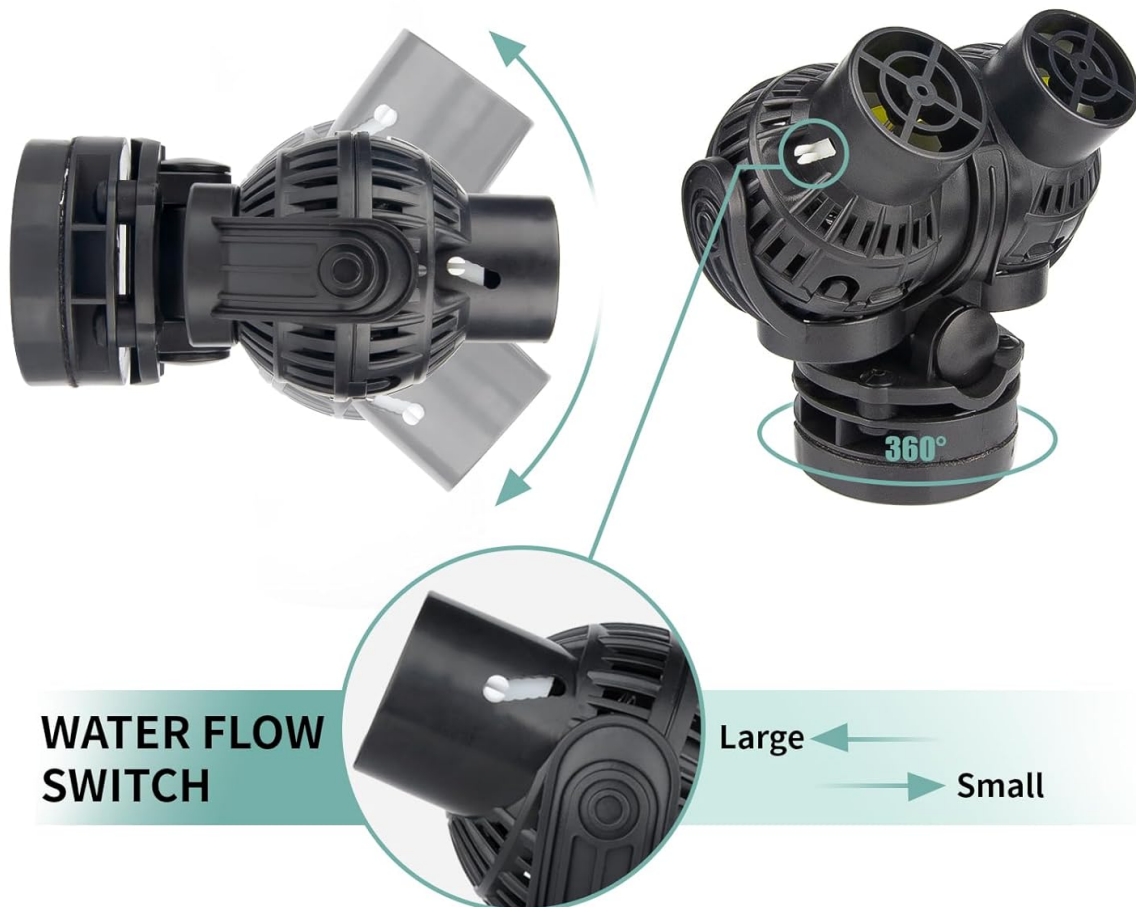


Image 5.3: Diagram showing the 360-degree rotation capability and water flow adjustment switch.

4. **Ensure Submersion:** Confirm that the entire pump unit is fully submerged in water before connecting to power.
5. **Connect to Power:** Plug the power cord into a compatible electrical outlet.

6. OPERATING INSTRUCTIONS

Once installed and powered, the wave maker will begin to circulate water. The direction of the water flow can be adjusted by manually rotating the pump heads. Some models may feature a water flow switch for adjusting intensity (refer to Image 5.3).

The pump is suitable for both freshwater and saltwater aquariums.

WHY DO WE NEED TO USE A WAVEMAKER PUMP?

Give you a clean environment

BEFORE



● TURBID WATER



● EXCREMENT



● LACK OF VITALITY

AFTER



● SIMULATES THE NATURAL OCEAN



● AGITATE DEBRIS, ENHANCE FILTRATION



● INCREASE DISSOLVED OXYGEN

Image 6.1: The wave maker operating in both freshwater and saltwater environments.

7. MAINTENANCE

Regular cleaning is essential to maintain optimal performance and longevity of your wave maker. It is recommended to clean the pump every two weeks to prevent the accumulation of debris and mineral deposits.

1. **Disassemble Filter Net:** Gently press the button on the filter net to detach it from the pump body.
2. **Remove and Clean Impeller:** Carefully remove the impeller. Wipe the impeller with a soft cloth and rinse it thoroughly under clean water to remove any dirt or debris.
3. **Clean Pump Body:** Rinse and clean any dirt or residue from the main pump body.
4. **Reassemble:** Once all components are clean, reassemble the pump, ensuring the impeller is correctly seated and the filter net is securely attached.

MAINTENANCE



1. Press the button of the filter net gently to open the filter net, remove the impeller and wipe the impeller with a soft cloth. and rinse and clean dirt on pump body with water.



2. Please clean the wave maker pump regularly to ensure that the product keeps the best wave making effect.

Image 7.1: Visual guide for cleaning the wave maker, showing disassembly and cleaning of components.



Image 7.2: Reminder to clean the pump regularly to prevent stain accumulation.

8. TROUBLESHOOTING

- **Pump Not Operating:** Ensure the pump is fully submerged in water and properly connected to a power source. Check for any obstructions in the impeller.
- **Unusual Noise:** Disconnect power and inspect the impeller for any foreign objects or debris. Ensure the impeller is correctly seated.
- **Reduced Flow:** Clean the filter cover and impeller as described in the maintenance section. Accumulated debris can restrict water flow.
- **Electrical Current in Water:** Immediately unplug the device. Do not use the product if you detect any electrical current in the water. This indicates a serious malfunction and potential hazard.

9. SPECIFICATIONS

Feature	Specification
Brand	FREESEA
Model Number	QE-EU4G-F8SR
Color	Black
Material	Plastic
Product Dimensions (LxWxH)	5.5" x 4" x 3.2"
Item Weight	1.26 Pounds
Power Source	Corded Electric
Maximum Flow Rate	1600 GPH (26.6 Gallons Per Minute)
Voltage	120 Volts
UPC	730709025256

COMPACT SIZE



MAX FLOW RATE	WATTAGE	VOLTAGE	POWER CORD
1600GPH	8W	110V-120V/60HZ	4.9FT(1.5M)

Image 9.1: Product dimensions and key specifications.

10. WARRANTY AND SUPPORT

FREESEA is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, if you encounter any questions or issues regarding your FREESEA Aquarium Circulation Pump Wave Maker, please do not hesitate to contact our professional after-sales service team. We offer 24-hour support to assist you.

For support, please refer to the contact information provided with your purchase or visit the official FREESEA store online.