

FEDOUR Q5

FEDOUR 100W Mini Aquarium Heater User Manual

Model: Q5

INTRODUCTION

Thank you for purchasing the FEDOUR 100W Mini Aquarium Heater. This heater is designed to maintain a stable water temperature in your aquarium, ensuring a healthy environment for your aquatic pets. It features a digital temperature display, external temperature control, and multiple safety mechanisms. Please read this manual thoroughly before use to ensure proper operation and safety.

PRODUCT FEATURES

- **Compact Design:** Small size (11.5 x 7.5 x 3.5 cm) suitable for various mini aquariums.
- **Digital Temperature Display:** Real-time water temperature and set temperature are displayed digitally, eliminating the need for an additional thermometer.
- **External Temperature Control:** Easily adjust the temperature from 20°C to 34°C using the external button on the power cord.
- **Dual Safety Protection:** Equipped with a water level sensor for automatic shut-off if the heater is out of water, and overheat protection that stops heating if the water temperature exceeds 34°C.
- **Durable Construction:** Features a thick plastic protective cover that is shock-resistant and corrosion-resistant, suitable for both freshwater and saltwater environments.
- **Fish-Safe Design:** Small heat dissipation holes prevent fish from getting stuck.

PACKAGE CONTENTS

- 1 x FEDOUR 100W Mini Aquarium Heater (with 1.75m power cable)
- 3 x Suction Cups
- 1 x Thermometer Sticker

パッケージ



Image: Package contents including the heater, power cable, suction cups, and thermometer sticker.

SPECIFICATIONS

Parameter	Value
Model Number	Q5
Power	100W
Voltage	100V/50-60Hz
Adjustment Range	20-34°C
Applicable Tank Size (100W)	50-120L (Recommended 90-120L for winter)
Heater Dimensions	11.5 x 7.5 x 3.5 cm (approx. 4.5 x 3 x 1.2 inches)
Power Cable Length	1.75 m
Material	Plastic
Compatibility	Freshwater and Saltwater aquariums



パワー：	25W	50W	100W
電圧：	100V/50-60Hz		
調節範囲：	20-34°C		
適用水槽：	1-30L水槽 (厳冬適用1-20 L)	30-60L水槽 (厳冬適用20-40 L)	50-120L水槽 (厳冬適用40-90 L)
適用：	淡水と海水		
適用：	魚/亀		

Image: Heater dimensions and detailed specifications table.

SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the heater and all accessories from the packaging. Inspect for any damage.
2. **Attach Suction Cups:** Securely attach the three suction cups to the back of the heater unit.
3. **Position Heater:** Place the heater fully submerged in your aquarium. Ensure it is positioned vertically or horizontally in an area with good water circulation. Avoid placing it directly in the substrate or near strong currents that could expose it to air.
4. **Install Thermometer Sticker:** Affix the thermometer sticker to the outside of the aquarium glass, away from direct sunlight, for an additional reference of water temperature.
5. **Ensure Water Circulation:** For optimal performance and even heating, ensure adequate water circulation in your tank. This can be achieved by using a water pump or filter.
6. **Connect Power:** Once the heater is fully submerged and positioned, plug the power cord into a suitable electrical outlet.

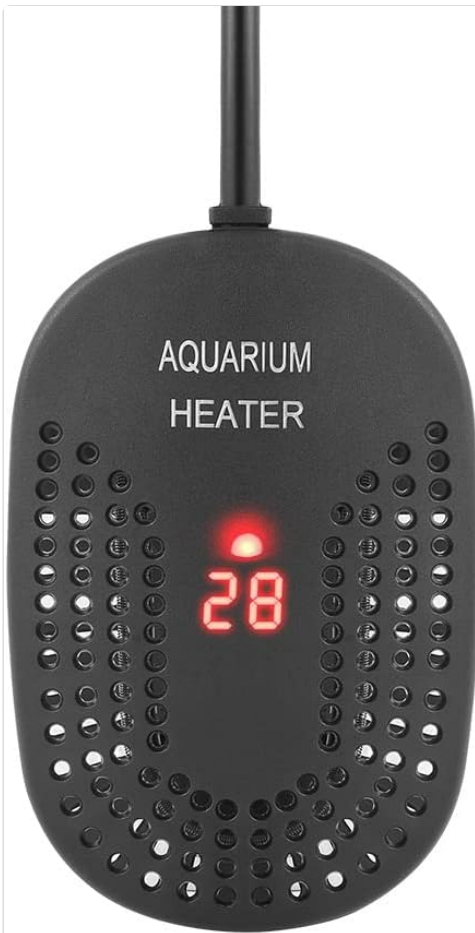


Image: Correct and incorrect heater placement in an aquarium.

OPERATING INSTRUCTIONS

1. **Power On:** After plugging in the heater, the digital display on the heater unit will show the current water temperature. The power indicator light on the external controller will illuminate.
2. **View Set Temperature:** Press the 'SET' button on the external controller once. The digital display on the heater will flash, showing the currently set temperature.
3. **Set Desired Temperature:** While the set temperature is flashing, press the 'SET' button repeatedly to cycle through the available temperature settings (20°C to 34°C). Stop pressing when your desired temperature is displayed. The heater will automatically save the setting after a few seconds of inactivity.
4. **Heating Indication:** When the heater is actively heating, a red heating indicator light will be visible on the heater unit. Once the set temperature is reached, the heater will automatically stop heating, and the indicator light will turn off. It will resume heating if the water temperature drops below the set point.

加熱指示ライト



リアルタイム水温電子表示

(ボタンを押すと設定温度が表示されます)

Image: Digital temperature display and heating indicator light.

外部温度設定ボタン

温度を設定する場合は、
まず温度設定ボタンを押し、
温度表示が点滅したら設定ボタンを押して
設定温度を調整し、希望の温度に達したらストップし、
温度設定が完了します。



電源指示ライト

ヒーターを使用する場合は、
ウォーターポンプやフィルターを使用して水の循環を高めるなど、水槽内の
水の循環を良好にする必要があります。



Image: External temperature adjustment button and power indicator.

SAFETY PRECAUTIONS

- Always ensure the heater is **fully submerged** in water before plugging it in and during operation.
- Do not operate the heater if the power cord or plug is damaged.
- Before performing any maintenance on the aquarium (e.g., water changes, cleaning), always unplug the heater and allow it to cool for at least 15 minutes.
- The heater is equipped with an automatic shut-off feature if it detects being out of water or if the temperature exceeds 34°C. However, continuous monitoring is recommended.
- Keep out of reach of children and pets.
- This heater is suitable for both freshwater and saltwater aquariums.

二重の安全保護

過熱を感知すると($\geq 34^{\circ}\text{C}$)、すぐに自動的に加熱を停止します。



ヒーターが水を離れることを感知すると、自動的に加熱を停止します。



Image: Dual safety protection features.

FEDOUR[®]

Image: Heater compatibility with freshwater and saltwater aquariums.

MAINTENANCE

- **Cleaning:** Periodically clean the heater unit to remove algae or mineral buildup. Always unplug the heater and let it cool completely before cleaning. Use a soft brush or cloth and aquarium-safe cleaning solutions if necessary. Do not use abrasive cleaners.
- **Inspection:** Regularly inspect the power cord and heater unit for any signs of wear, cracks, or damage. If any damage is found, discontinue use immediately.
- **Water Changes:** Always unplug the heater before performing water changes to prevent it from operating out of water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater not heating	Not plugged in; Power outage; Set temperature too low; Heater out of water; Overheat protection activated.	Check power connection; Verify power supply; Increase set temperature; Ensure heater is fully submerged; Allow heater to cool if overheated.
Temperature display inaccurate	Heater not in an area with good water circulation; Sensor malfunction.	Relocate heater to an area with better water flow; Compare with an external thermometer. If consistently inaccurate, contact support.
Heater constantly on/off	Tank size too large for heater wattage; Poor water circulation.	Ensure heater wattage matches tank volume (100W for 50-120L); Improve water circulation with a pump or filter.

WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact your retailer. If you encounter any issues or have questions regarding the FEDOUR 100W Mini Aquarium Heater, please contact FEDOUR customer support through the retailer's platform or the official FEDOUR website.

PRODUCT VIDEO

Your browser does not support the video tag.

Video: An overview of the FEDOUR Mini Aquarium Heater, demonstrating its features and ease of use.