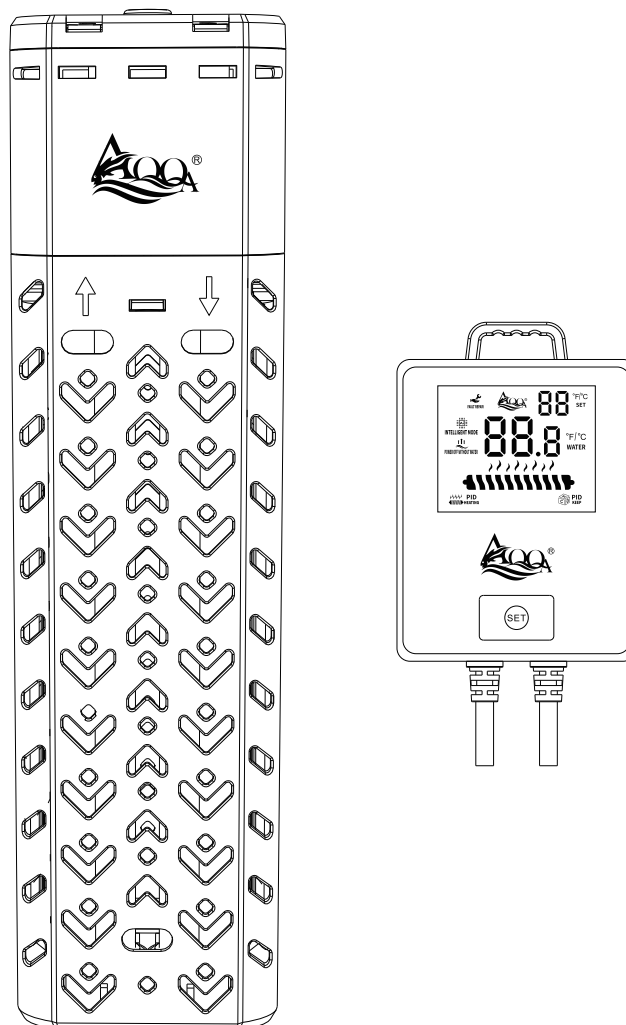




AQ136 USER MANUAL

AQQA Intelligent Quartz Glass Aquarium Heater



AQQA Intelligent Quartz Glass Aquarium Heater is a high-quality heating equipment specially designed for freshwater and saltwater aquariums. It provides fast and efficient heating to ensure the aquarium maintains an optimal temperature for precise temperature control and offers intelligent heating and thermostat functions. The AQQA Intelligent Glass Aquarium Heater provides reliable performance for aquarium enthusiasts.

1. PRODUCT FEATURES

Rapid Heating System: The explosion-proof quartz glass heater is made of nickel-chromium heating wire, which can heat quickly, conduct heat evenly, is double explosion-proof, and is more reliable to use.

Digital LED Display Controller: This external temperature controller can display the set temperature and current water temperature. The current power and error codes on the LED screen are clear at a glance, allowing you to accurately know the working status of the aquarium heater.

Memory Function: The fish tank heater will remember the temperature setting, there is no need to reset the temperature after a power outage, so It is more convenient to unplug and change the water.

Temperature Adjustable Range: 59°F-93°F (15-34°C), it can be accurate enough to keep temperatures with $\pm 1^\circ\text{F}/^\circ\text{C}$.

Simple Operation: Press the “SET” button to enter the temperature setting state. The set temperature increases by $1^\circ\text{F}/1^\circ\text{C}$ for each button press.

Reliable and Durable: Quartz glass is leak-proof and transfers heat quickly. The heater shell is made of high-quality PC plastic, is resistant to high temperatures, and can protect your fish from burns.

Fahrenheit and Celsius Degrees: Press and hold the down button for 5s to switch the Fahrenheit/Celsius display.

Automatic Switch-off When Running Out Of Water: When the heating rod leaves the water surface 1 inch (2.54cm), the power supply automatically protects and stops heating. The “E0” code is displayed, and the heater will return to normal when fully immersed in the water.

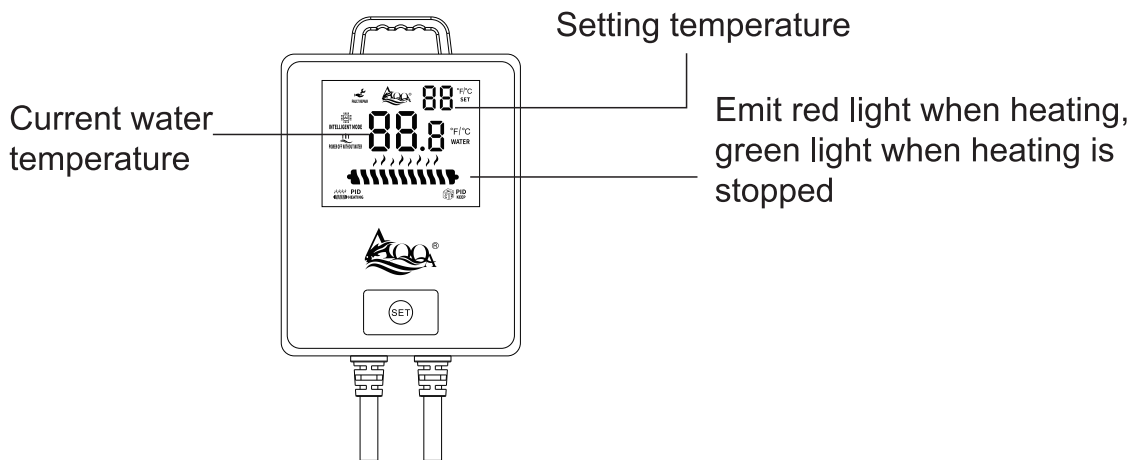
High Temperature Protection: When the current temperature is $3^\circ\text{F}/3^\circ\text{C}$ higher than the set temperature, the screen will flash to display the current water temperature, indicating a high temperature alarm.

2. PRODUCT SPECIFICATIONS

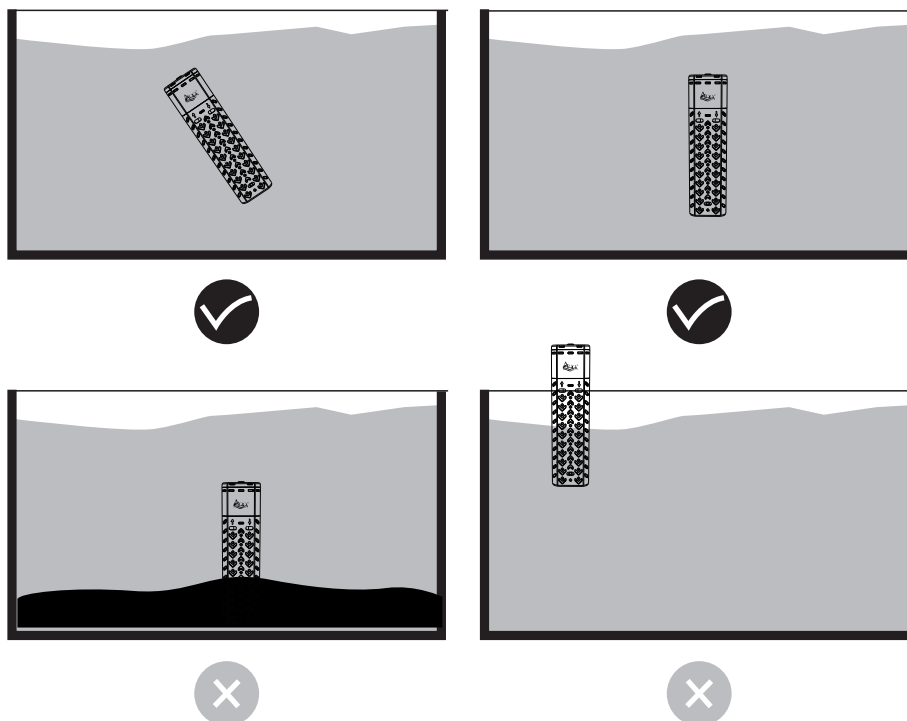
Model	AQ136			
Power	500W	800W	1000W	1200W
Volt/Freq	US STANDARD: AC 110V-120V/60Hz EU/UK/AU STANDARD: AC 220-240V/50Hz			
Cord length	3.6ft+5.5ft(1.1m+1.7m)			
Application	55-130Gal (200-500L)	80-230Gal (300-870L)	135-258Gal (510-980L)	170-290Gal (650-1060L)
Temp accuracy	±1°F / ±1°C			
Control range	59°F~93°C/ 15°C~34 °C			
Heating rod size	11.4x3x1.6inches 29x7.5x4cm			
Temp controller dimension	4.5x2x1inches 11.5x5x2.5cm			

3. INSTRUCTIONS

1. Press the “SET” button to enter the temperature setting state.
2. The set temperature increases by 1°F/1°C for each button press, and the set temperature ranges from 59°F-93°F (15°C-34°C), which can be set cyclically by pressing the button.
3. Press and hold down “SET” for 5s to switch the display of Fahrenheit/Celsius. If there is no button operation for 3s, the current set temperature is confirmed, and the temperature setting state is exited, returning to the working state again.
 - a. After setting the temperature, the heating rod heats the water to the set temperature and then stops heating to enter the heat-holding state.
 - b. When the actual temperature is 2°F/2°C lower than the set temperature, the heating rod will heat the water temperature again to the set temperature, and so on.
 - c. When the water temperature is 3°F/3°C higher than the set temperature, the screen will flash to display the current water temperature, indicating a “high temperature alarm” until the set temperature and current temperature are within 3°F/3°C. The “high temperature alarm” will automatically cancel.

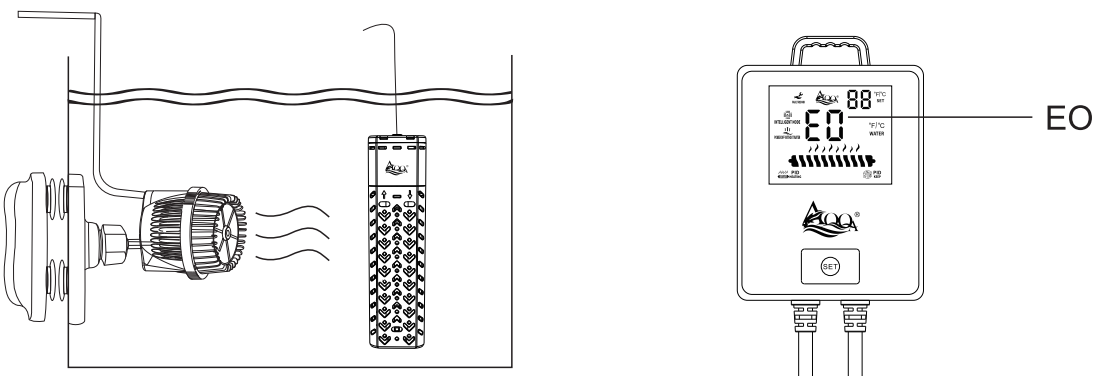


A. Place the heater as shown in the following diagram:



B. Digital display models

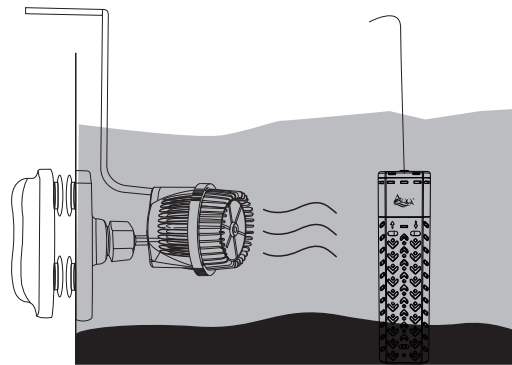
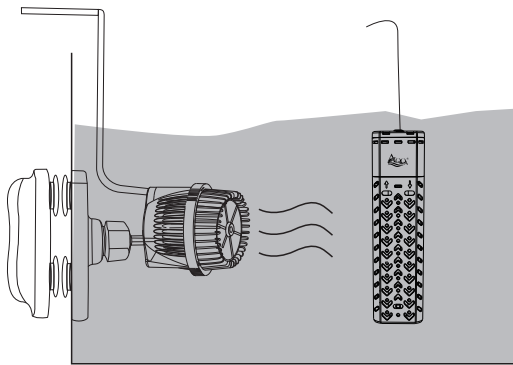
1 . Out of water alert: When the heating rod is out of the water (at least 1 inch), the digital display will show the error code “E0” and does not send a warning signal.





Important Reminder:

1. Please clean and heat the rod regularly to avoid the scale attached to the rod. If the scale is attached and accumulated on the rod for a long time, the rod will not be able to dissipate heat normally. With the rod's heating temperature increase, the rod will burst.
2. The heater must be fully submerged when it is in operation. Unplug the heater and wait 15 minutes before changing the water or removing the heater from the aquarium.
3. Please make sure there is enough water flow and water circulation in your fish tank when using the heater.
4. Please do not bury the heating rod or use it near the sand.
5. Do not use detergents or other chemical cleaners.
6. For aquarium use only, do not use in the bathroom.



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4. PACKING LIST

- 1x Explosion-proof quartz heater, including controller
- 4x Suction cup
- 2x Sticker
- 1x Adhesive hook
- 1x User manual

5. ERROR CODE COMPARISON TABLE

LED controller code display	Error Code	Explanation	Solutions
	E0	Power off when out of water	Ensure the heating rod is fully immersed in water
	The current water temperature number flickers	The current water temperature exceeds the set water temperature by more than 3°F(3 °C)	Wait for the current water temperature to drop to within 3 °F (3°C) of the set water temperature
	E6/E7/E8/E9	Temperature sensor is open circuit	Please contact customer service for processing

6. MAINTENANCE

- Unplug or switch off all appliances in the aquarium before carrying out maintenance.
- When reinstalling the heater, select your desired location and submerge the heater in the water.
- This appliance has no parts that can be repaired by users.

7. WARNING

To avoid possible electric shock, do not immerse the switch in the water. If the switch falls into the water or becomes wet, do not touch it until you have unplugged it. Basic safety precautions that should be observed are as follows:

1. Read and follow this user manual strictly.

2. **DANGER-** To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself. Instead, return the heater to an authorized service facility for maintenance or discard it.

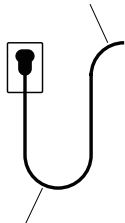
A. If the heater shows any sign of abnormal working or, unplug the power and remove the heater from the water after 15 minutes.

B. Carefully examine the heater after installation. It should not be plugged in if there is water on parts that are not intended to be wet.

C. Do not operate the heater if it has a damaged cord or plug, is malfunctioning, dropped, or damaged in any manner. The power cord of this heater cannot be replaced. If the cord is damaged, the heater should be discarded.

D. To avoid the possibility of the heater plug getting wet, position the aquarium and its stand to one side of a wall mounted outlet to prevent water from dripping onto the outlet or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord, which connects the heater to the outlet. If an extension cord is used, the “drip loop” is the part of the cord below the level of the outlet or the connector that prevents water from traveling along the cord and coming in contact with the outlet. If the plug or outlet does get wet, **DO NOT** unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the heater. Then, unplug and examine for the presence of water in the outlet. If you are not sure, consult a certified electrician.

POWER CORD



DRIP LOOP

3. Close supervision is necessary when the heater is used near children.
4. This heater is not allowed to be used by persons (including children) with reduced physical sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning the use of the heater by a person responsible for their safety.
5. To avoid injury, do not contact moving or hot parts.
6. Always unplug the heater from the outlet when not in use, before putting on or taking off parts, maintenance, or placing hands in the water. Never yank the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect.
7. Do not use the heater for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition and will void the warranty.
8. Do not install or store the heater where it will be exposed to extreme weather or temperatures below freezing.
9. Only use the heater in freshwater or saltwater, do not use it in other liquids.
10. Make sure the heater is securely installed before operating it.
11. Read and observe all the important notices on the heater.
12. If an extension cord is necessary, a cord with a proper rating should be used, such as rated amperes or watts. A cord rated for fewer amperes or watts than the heater rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
13. The 2-conductor power cord has a polarized plug (one blade is wider than the other.) As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use it with an extension cord unless the plug can be fully inserted. Do not attempt to defeat this safety feature.
14. The heater is intended FOR HOUSEHOLD USE ONLY.
15. SAVE THIS USER MANUAL.

8. AQQA LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 2 years from the date of sale if this product was purchased from an AQQA®-authorised specialist dealer

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by AQQA® Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 2 years from the date of the original purchase through an Authorized Dealer. Refer to the User Manual included with your product for specific warranty details.

Products have no warranty if:

1. The product has been serviced, modified or tampered with by anyone other than AQQA® Aquatic Supplies.
2. The product has been abused or damaged (including broken or cracked bulbs), and/or.
3. The product has been transported without proper packaging.
4. The product was purchased from an Unauthorized Reseller.

WARRANTY LIABILITY DISCLAIMER

In no event will AQQA® be liable for any consequential or incidental damages, including but not limited to, lost aquatic life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any AQQA® products.

1.0. Terms and Conditions of Warranty.

- 1.1. AQQA® warrants to the purchaser, for 2 years from date of original purchase through an Authorized AQQA® Reseller, free to repair or replace parts where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
- 1.2. All claims for repair or replacement must be made at place of purchase.
- 1.3. Only the direct purchaser is entitled to warranty claims against us and these are not transferable without our consent.
- 1.4. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.5. Wear parts (e.g.: seals, suction devices, axes, pump wheels, light sources, pH electrodes, filter media, such as filter cartridges, as well as UVC burners), glass damage and the opening of the product, as well as structural changes or the use of non-AQQA® original parts are excluded from the guarantee.
- 1.6. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection and AQQA® must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, AQQA® will request reimbursement of all reasonable costs incurred.
- 1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.
- 1.9. Our warranty obligation extends only to the delivery of newly manufactured products. Unless otherwise agreed, used products are sold as seen, excluding any warranty.

9. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.

10. CONTACT INFORMATION

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