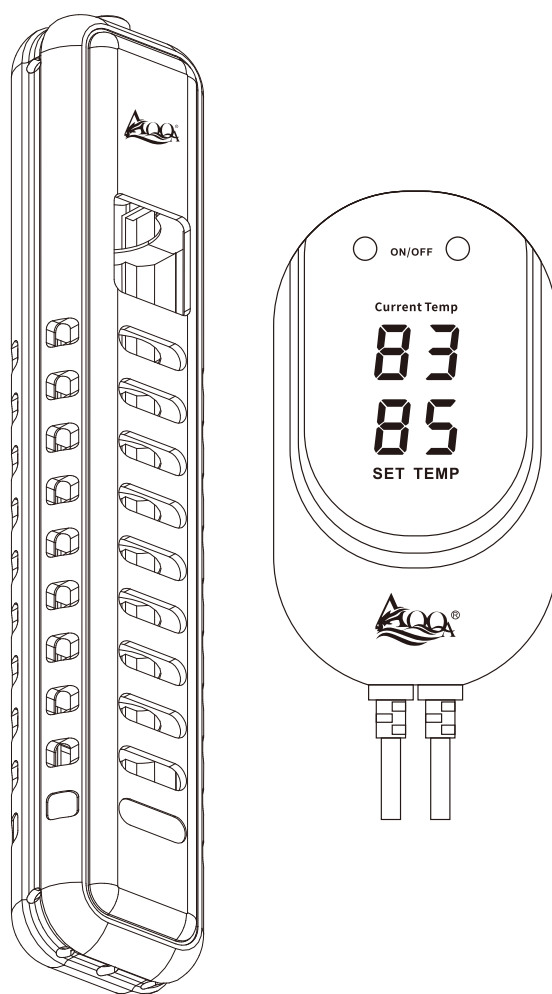




AQ-015 USER MANUAL

AQQA Quartz Aquarium Heater



AQQA heater is the perfect aquarium heater for your freshwater or saltwater aquariums.



*****Reminder: The controller is not waterproof, please do not allow it to get wet*****

1. PRODUCT FEATURES

Fully submersible: The heater is fully submersible. Please note the heater must be fully submerged to work properly.

Rapid thermal accumulation: The heating rod is made of explosion-proof quartz glass material and a high-temperature resistant nickel-chromium heating wire with silicon carbide heat conduction; this results in faster water heating and safer, more durable, long lasting heater.

LED digital temperature display: LED digital display screen shows the current water temperature and preset temperature. The external hand controller makes for easy setting and operation. Every press changes the set temperature by 1°F, The led flashes 3 seconds and then stops, indicating that the temperature has been set.

Precise temperature control: Indicator light turns red and starts heating when the current water temperature is 1°F lower than the set temperature. It turns to a steady blue when the water temperature reaches the set temperature. The heater rod temperatures ranges from 59°F to a max of 93°F in order to prevent harm to livestock.

Easy operation: Pressing and holding for 5 seconds changes temperature display from Celsius to Fahrenheit. The clear LED display is easy to read!

Auto power off and warning signal: When the heating rod is exposed to air, the heater will shut off automatically and emit a warning signal. When the heating rod is completely immersed in water, it will start working again.

Accurate, Reliable, and Durable: Made of premium materials and with precise scientific design, our heater will provide years of reliable use.

Memory function: If power is shut off, the heater will keep the temperature settings until it powers on again.

High-temperature resistant safety cover: High quality and high temperature PC resistant plastic cover prevents fish from being harmed.

2.PRODUCT PARAMETERS

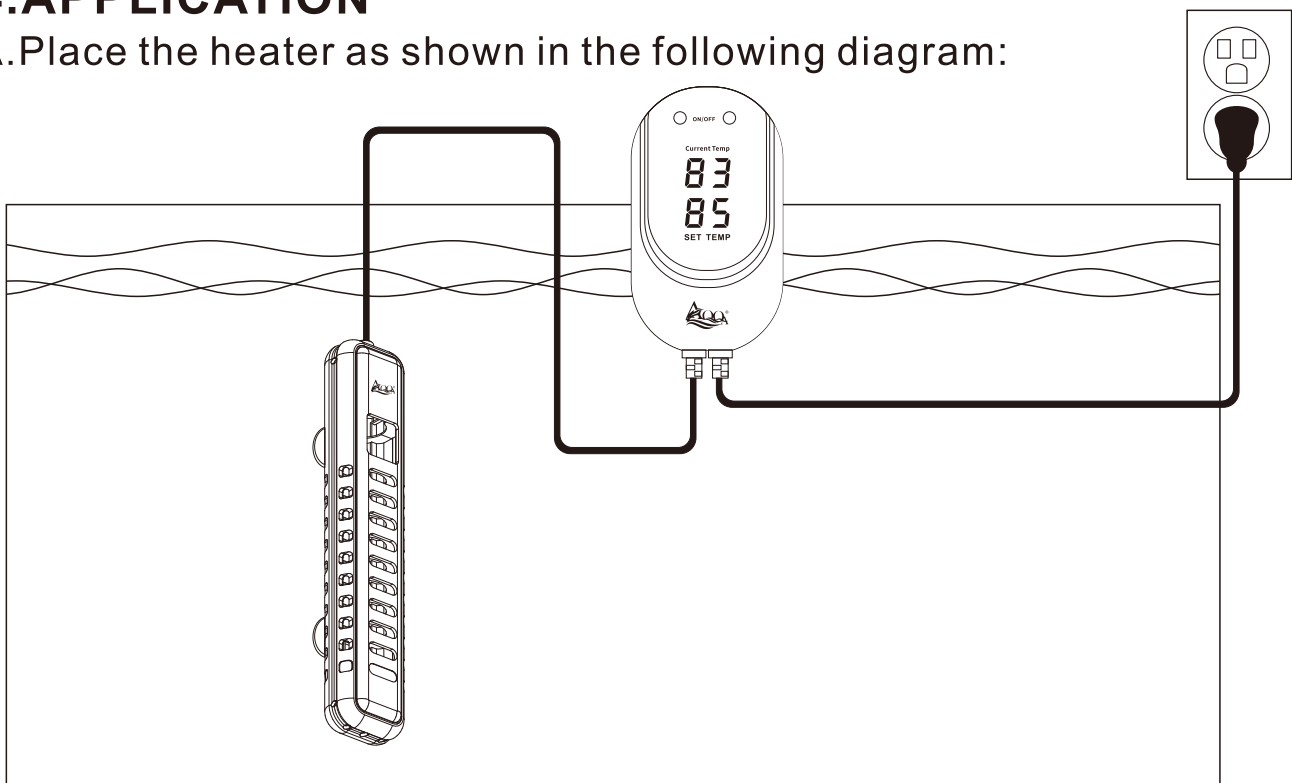
Model No:	AQ-015			
Power	100W	200W	300W	500W
Voltage	US standard: AC110-120V/60Hz UK/EU standard:AC 220-240V/50Hz			
Cord Length	4ft+5.9ft /1.2m+1.8m			
Application:	25~35 Gal	45~80Gal	80~95Gal	95~135Gal
	90-120L	160~288L	288-360L	360-500L
Temp Accuracy	$\pm 1^{\circ}\text{F} / \pm 1^{\circ}\text{C}$			
Control Range	59°F ~93°F /15~34 °C			
Heater Rod Dimension	11.4 "x 2.17 " / 29 x 5.3 cm			
Temp Controller Dimension	4.7" x 2.8"/12 x 7.1 cm			

3.PACKAGE INCLUDED

- 1× Quartz glass heater with LED digital controller
- 1× Adjustable clip
- 1× 2pcs suction cup
- 1× User manual

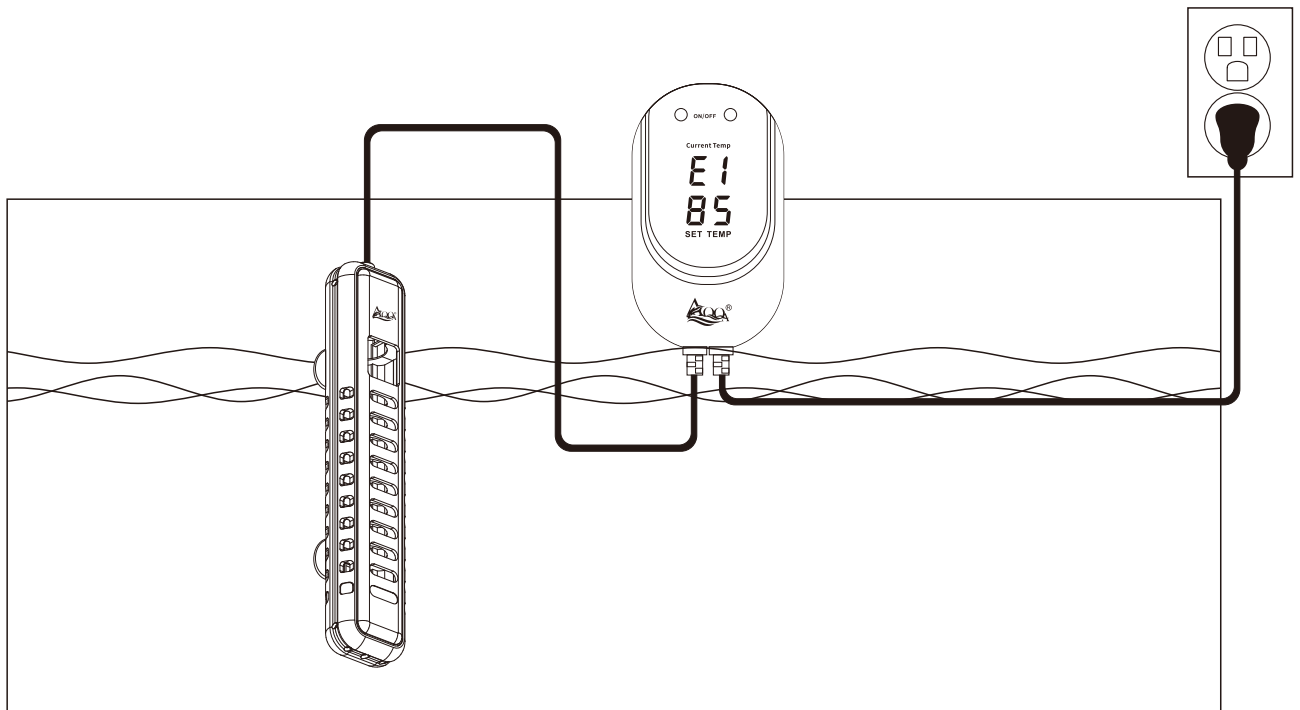
4.APPLICATION

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



B. Digital display models

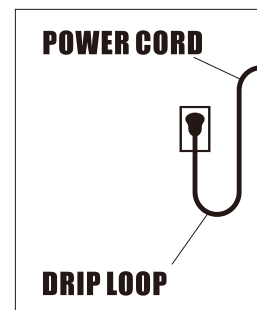
1. Out of water: The heating rod is out of water (at least 2inches) and displays the fault code “E1”;the heater will make the warning signal.



5.WARNING: To guard against injury, basic safety precautions should be observed including the following:

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; return the heater to an authorized service facility for service or discard the heater.
 - A. If the heater shows any sign of abnormal operation, unplug the power and remove the heater from water after 15 minutes.
 - B. Carefully examine the heater after installation. It should not be plugged in if there is water on parts not intended to be wet.
 - C. Do not operate the heater if it has a damaged cord or plug, if it is malfunctioning, or if it is 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 aquarium stand and tank 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 connecting the heater to the outlet. The “drip loop” is the part of the cord below the level of the outlet, or the connector. If an extension cord is used, to prevent water 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.



3. Close supervision is necessary when the heater is used near children. Daily supervision is necessary when the heater is being used.
4. This heater is not allowed to use 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 use of the heater by a person responsible for their safety.
5. To avoid injury, do not contact moving parts or hot parts.
6. Always unplug the heater from the outlet when not in use, before putting on or taking off parts, before maintenance, or placing hands in the water. Never yank the cord to pull plug from outlet. Grasp the plug and pull gently 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 the weather or to temperatures below freezing.
9. Only use in freshwater or saltwater aquariums; do not use the heater 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. A cord rated for less 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 heater is intended FOR HOUSEHOLD USE ONLY.
14. SAVE THIS USER MANUAL.

6.ATTENTIONS:

- ✓ Please check all the items to inspect condition when unboxing the package.
- ✓ Please read the instructions carefully. Use and follow the instructions strictly.
- ✓ Please choose a heater rated for your aquarium.
- ✓ Please place the heating rod in water flow and don't bury it in substrate.
- ✓ Please place the heating rod fully submersed in water when it's on duty.
Unplug the heater and wait for 15 minutes before changing water or removing the heater.
- ✓ Please keep in mind that the heater can be turned off automatically when exposed to air, but it is a last resort and should be avoided.
- ✓ After using of the heater, calcium carbonate contained in algae or moss may clump and adhere to the heating rod.
- ✓ If dirt adheres to the heating rod, use a sponge or cloth and water to wipe it. Do not use alcohol or other chemicals as this may damage the heater harm fish or livestock.
- ✓ When used for a prolonged period with dirt adhered to the heating element, be aware that it may cause failure due to the inability to control the temperature correctly.

7.DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmentally friendly way.



8.WARRANTY

1. 1-year free warranty.
2. 1-month free return.
3. Free replacement for 3 months.

9. CONTACT INFORMATION:

Company Name: Shenzhen Aiku Pet Technology Co.,Ltd

Add: Room 501, No.20, Lane 1, Lishipai, Dafapu Community Bantian Street,
Longgang District, Shenzhen Guangdong.518000

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