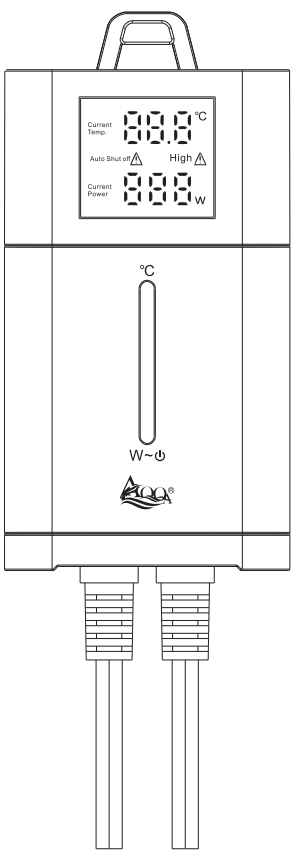
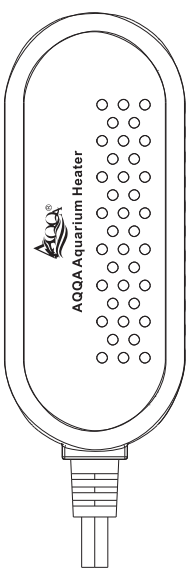
AQ259 USER MANUAL

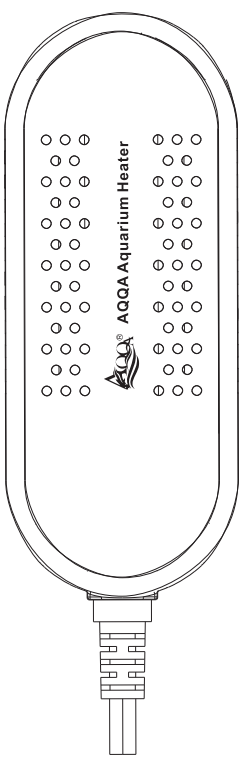
AQQA Aquarium Heater



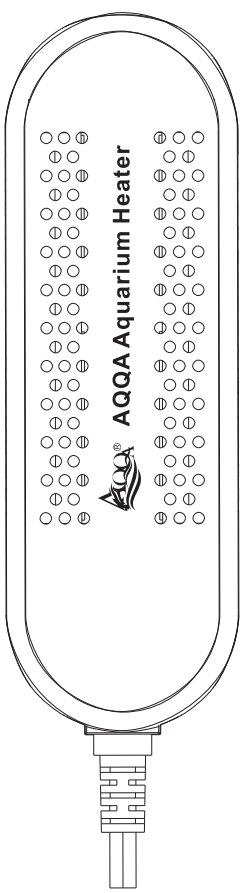
AQ259-100W



AQ259-200W/300W



AQ259-500W



Your Aquarium's Best Friend

AQQA Aquarium Heater is a premium heating device designed specifically for freshwater and saltwater aquariums. It provides fast and efficient heating to ensure the aquarium maintains the optimal temperature for precise temperature control, and features smart heating and thermostat functions. The AQQA Aquarium Heater offers reliable performance for aquarium enthusiasts.

REMINDERS

- The heater must be fully submerged while in operation.
- When using the heater, make sure your aquarium has adequate water flow and circulation.
- Do not bury it under gravel, as it does not conduct heat.
- To ensure even and thorough distribution of heated water and accurate temperature readings, it is recommended to place the heater in an unobstructed area with good water flow, such as near the filter or pump outlet.
- Unplug the heater and wait 15 minutes before changing water or removing the heater from the aquarium.
- Do not use detergents or other chemical cleaners.
- For aquarium use only. Do not use in a bathroom.

1.PACKING LIST

1× Heater (with Controller)
2× Suction Cups (4 pcs for AQ259-100W)
1× Fixed Clamp
1× User Manual

2.PRODUCT FEATURES

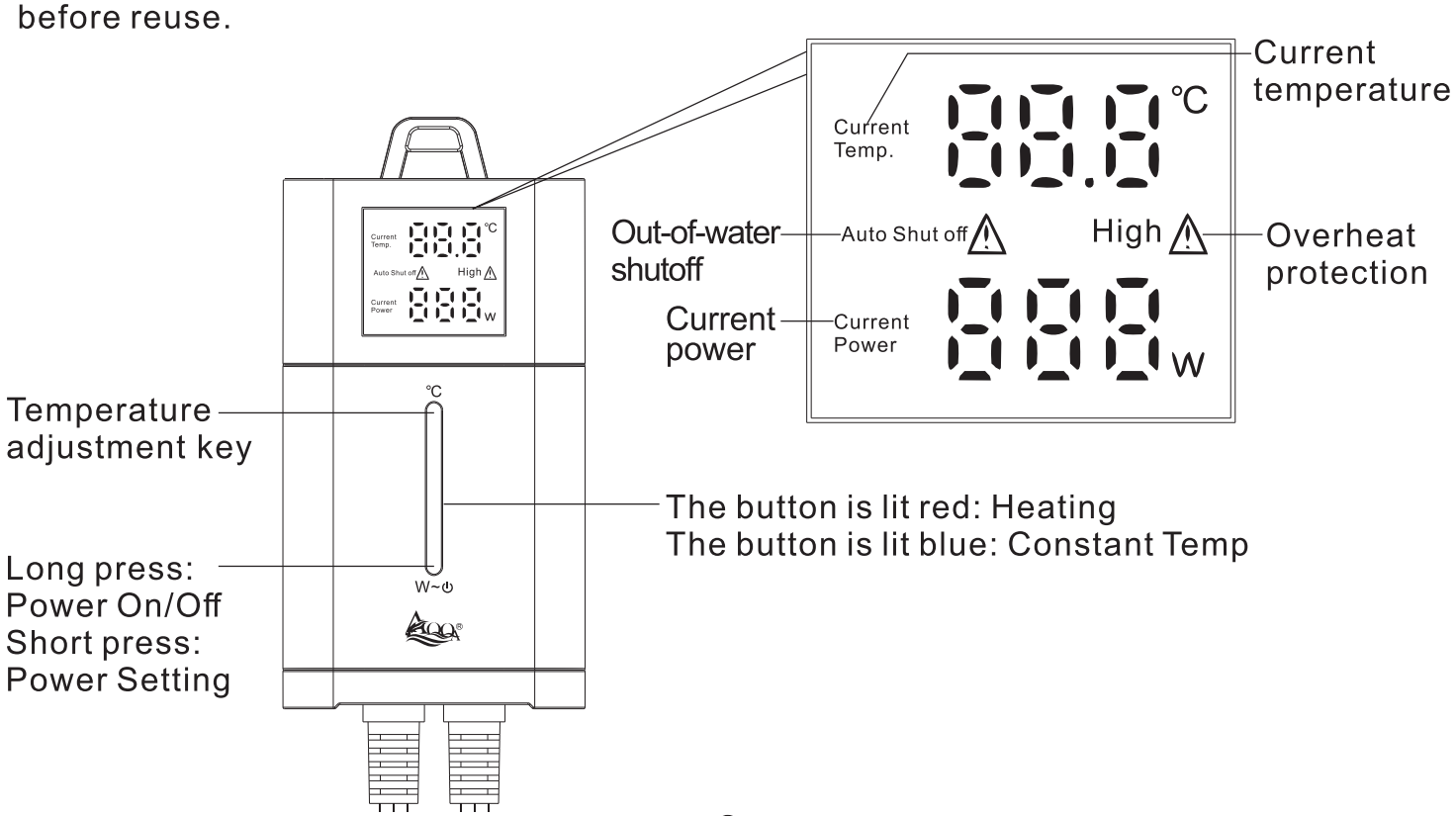
- **Power can be freely selected according to aquarium size, suitable for tanks of various dimensions.**
- **Power-off memory function** – when powered on, the unit automatically recalls the last set temperature.
- **Built-in over-temperature protection system:** when the water temperature exceeds 35°C, the LED digital display shows an over-temperature alert and flashes continuously as a warning.
- **Fully automatic constant temperature function** – heating automatically stops when the water reaches the set temperature, and resumes when the temperature drops below the set point, maintaining stable water temperature cyclically.
- **Out-of-water shutoff function:** the screen will flash "Auto shut off " as an alert when water level is insufficient; the heater element's power is automatically cut off when out of water, preventing prolonged overheating that could kill your fish or cause fire hazards.
- **Easy to operate:** simply plug the heater into a socket to start using it. The external touch controller allows convenient temperature adjustment, with each touch changing the set temperature by ±1°C / ±1°F.

3.PRODUCT SPECIFICATIONS

Model	AQ259-100W	AQ259-200W	AQ259-300W	AQ259-500W
Adjustable Power Settings	5-Level Adjustable Power: 20W/40W/60W/ 80W/100W	5-Level Adjustable Power: 40W /80W /120W / 160W /200W	5-Level Adjustable Power: 60W/120W/180W/ 240W/300W	5-Level Adjustable Power: 100W/200W/300W/ 400W/500W
Input Voltage	US STANDARD: 110-120V/ 60Hz EU/UK STANDARD: 220-240V/ 50Hz			
Applicable Tank Size	10-20 gal 37-75 L	20-40 gal 75-150 L	40-75 gal 150-280 L	75-120 gal 280-450 L
Temperature Accuracy	±1℃/±1°F			
Temperature Setting Range	17℃-34 ℃ 63°F-94°F			
Heater Dimensions	9×3.6×2.3 cm (3.54×1.42×0.91 in)	12×4.8×2.7 cm (4.72×1.89×1.06 in)		15×4.8×2.7 cm (5.91×1.89×1.06 in)

4.INSTRUCTIONS FOR USE

WARNING: The heater controller is not waterproof and must not be placed in water. If it accidentally falls into water, unplug the power immediately and allow it to dry completely before reuse.



Temperature and Power Settings

1.First, confirm the suitable water temperature for the fish species you are keeping.

2.Place the heater into the water (the water level must be above the top of the heater).

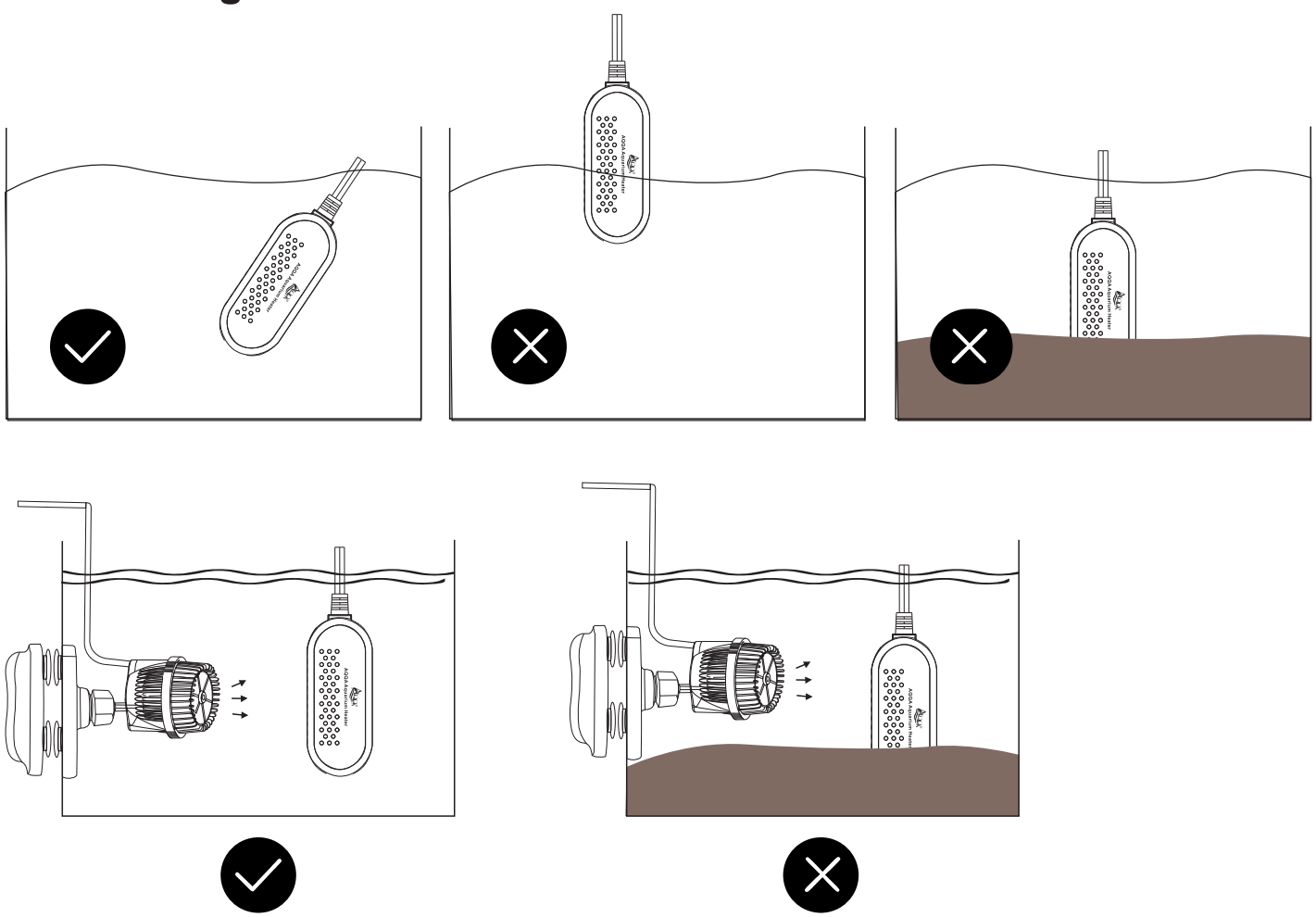
A) After the heater is connected to power, if the button remains blue, it indicates that the heater is in Constant-Temperature Mode.

B) If the button remains red, it indicates that the heater is in Heating Mode.

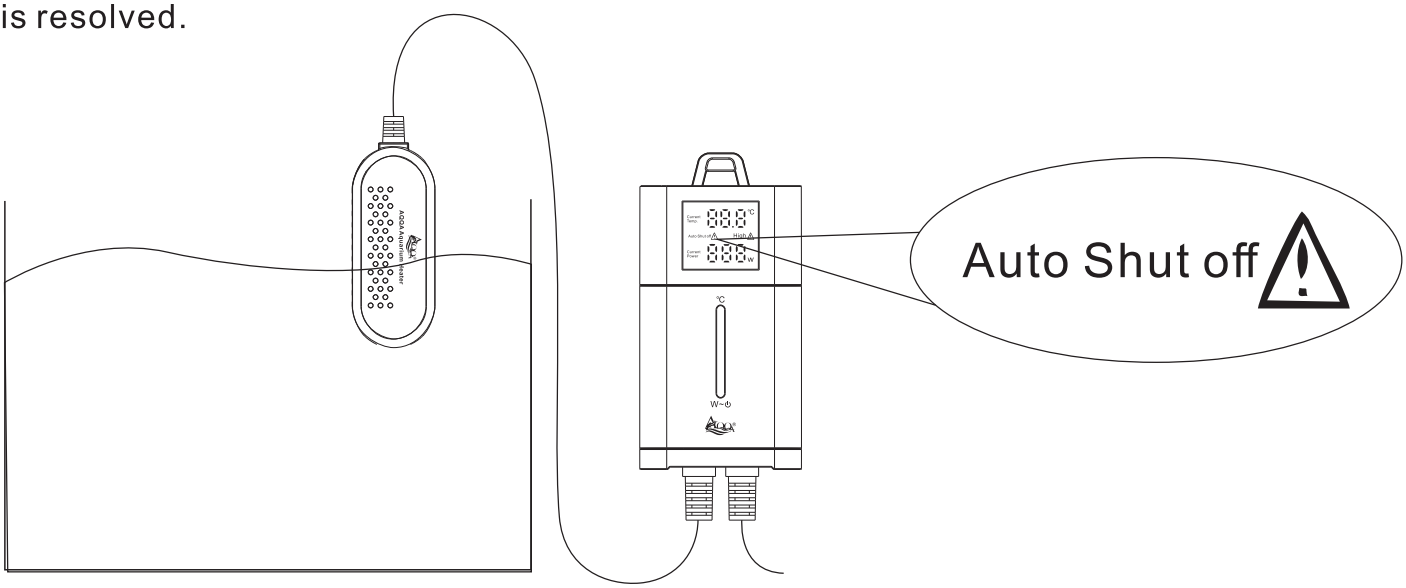
C) After power-on, if the button glows blue and the “Auto shut off” icon on the display is flashing, it indicates that the heater is in Out-of-Water Shutoff Mode.

D) If the “High” icon is flashing, it indicates that the heater's current water temperature exceeds 35°C, and the heater is in Overheat Protection Mode to prevent overheating that could harm the fish.

Positioning the Heater



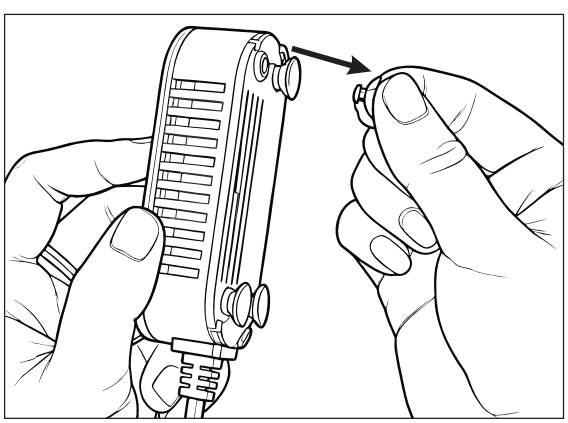
Out-of-Water Alarm: the “Auto shut off” icon on the controller’s display will flash when the heater is at least 6 cm out of water. The flashing will automatically stop once the fault is resolved.



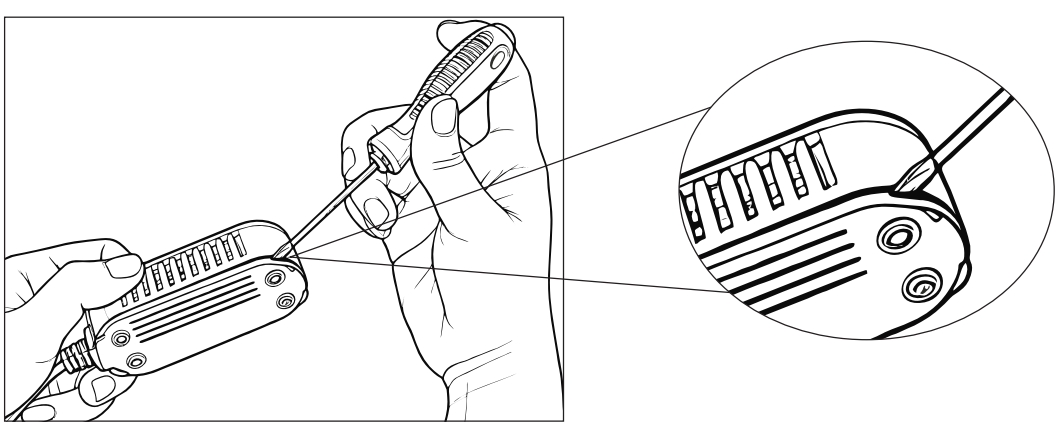
Cleaning

To extend the service life of the heater, it is recommended to clean the deposits off the heater once a week.

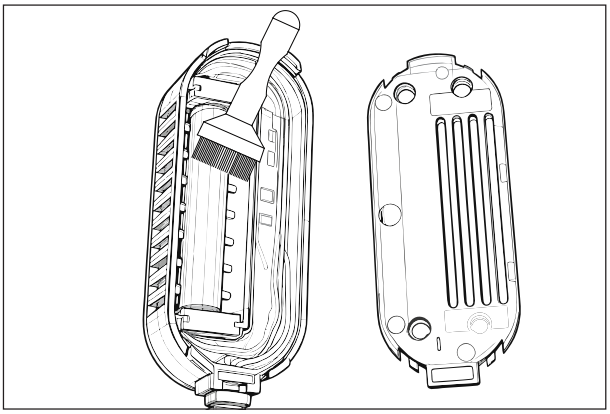
1.Remove the suction cups.



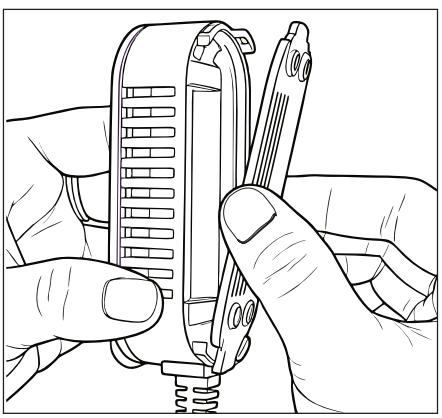
2.Use a rigid metal blade or a flat-head screwdriver to align with the locking tabs on the upper half of the rear cover, and pry it open.

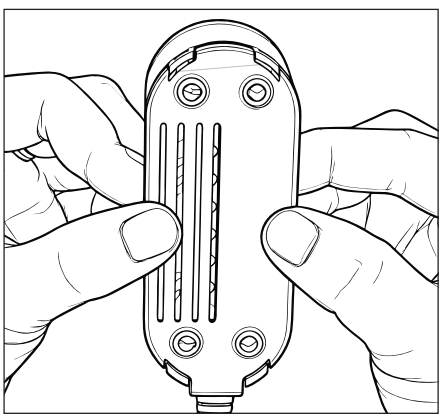


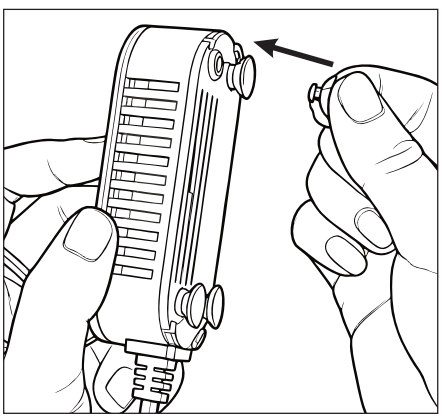
3.After removing the rear cover, use a small brush to clean the quartz tube.



4.After cleaning, align the rear cover with the four corner locking tabs and press it back into place.







5.MAINTENANCE

- After prolonged use, sediment and dirt may accumulate on the outer surface of the glass tube, which can affect heating efficiency. Please clean the heater regularly.
- Before cleaning, always unplug the heater and allow it to cool down completely before proceeding.
- Do not use highly corrosive cleaning agents to clean the product.
- When not in use for an extended period, disconnect the power supply, clean the product, dry it thoroughly, and store it properly.

6.TROUBLESHOOTING

	Code	Cause	Solutions
LED Controller Code Display	“Auto shut off ” flashes	Low water level / Out-of-water shutoff	Check if water level has dropped or if heater is fully submerged.
	“High” flashes	Water temperature exceeds 35°C	Temperature is too high. Check water temp, environment, and heating status. check if the system has returned to normal after temperature drops.
	E2	Probe Damage	Please stop using the product and have it repaired or contact after-sales service.
	E3	Temperature Difference Between Two Probes ≥ 3°C	Check whether the water pump is circulating water properly. If so, please have the unit repaired or contact after-sales service.

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.

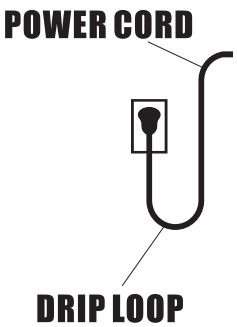
2. DANGER- To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself. Instead, return the heater to an authorized service facility for maintenance or discard it.

A. If the heater show 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.



3. Close supervision is necessary when the heater is used near children.
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 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.

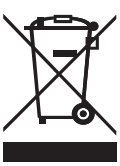
13. The 2-conductor power cord has a polarized plug (one blade is wider than the other.) As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use it 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.ATTENTIONS

√ Check all components upon unboxing to ensure they are in good condition.
√ Read this user manual carefully before use and follow it strictly.
√ Select a heater rated for your aquarium's volume.
√ Place the heater in an area with water flow, avoiding substrate contact.
√ Submerge the heater at least 5 inches (12.7 cm) below the water surface.
√ Ensure the heater is fully immersed during operation. Always unplug and wait 15 minutes before removing or adjusting it.
√ The heater may auto-shutoff if exposed to air, but this is a safety backup—avoid intentional dry operation.√ Mineral deposits or algae may accumulate on the heater over time.
√ Clean gently with a damp sponge or cloth; do not use alcohol or chemicals.
√ Prolonged use with residue buildup may cause temperature control failure.
√ Keep the heater away from magnetic cleaners, as magnets can damage the heating element.
√ Condensation inside the tube during heating is normal and will fade after use.

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

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
Email: service@aqqapet.com
Website: http://www.aqqapet.com



@AQQA Aquarium

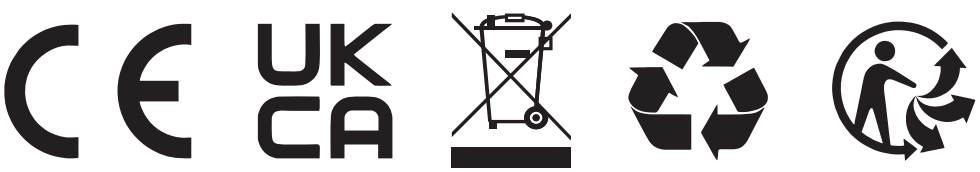
EC REP

Company: E-CrossStu GmbH
Address: Mainzer Landstr.69, 60329 Frankfurt am Main
Email: E-crossStu@web.de
Nr.202504727907

UK REP

Company Name: YH Consulting Limited
Address: C/O YH Consulting Limited Office 147 Centurion House, London Road Staines-upon-Thames, Surrey, TW18 4AX
Email: H2YHUK@gmail.com
Tel: +44 07514-677868
No.202504725766

This number is NOT for after-sales service.
Please do not call.



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