

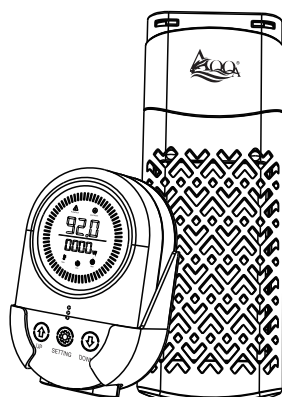
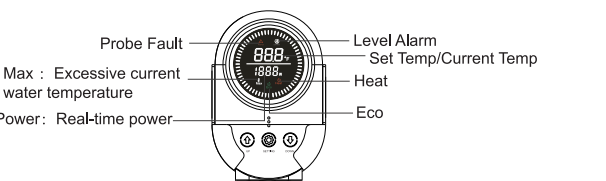









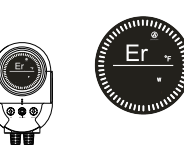
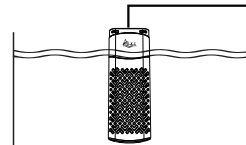
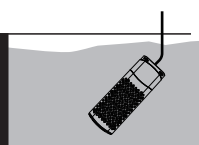
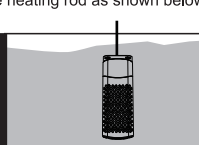
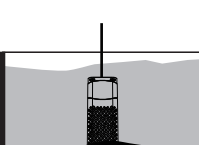
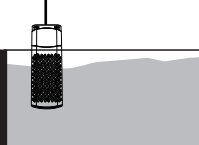
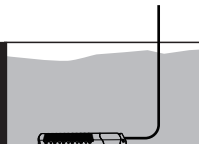
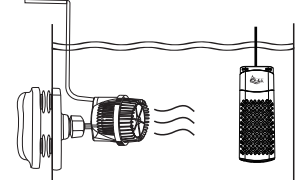
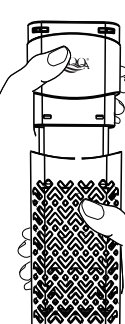
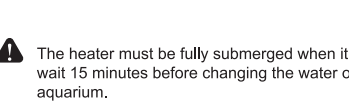
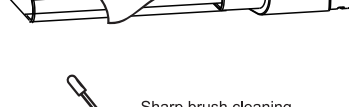
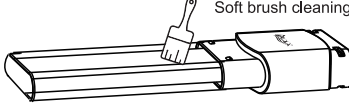
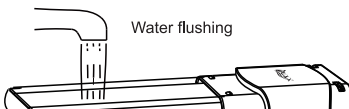



骑马钉，单页尺寸：100x140mm，白底黑字，
印刷前请去掉所有黑色外边框，材质：128克铜版纸双面印刷

封底

封面

<div><p>MADE IN CHINA</p></div>	<div><p>AQ137 USER MANUAL AQQA PTC Intelligent Variable Frequency Aquarium Heater</p><p>The Intelligent AQQA PTC Variable Frequency Aquarium Heater is a high-quality device for freshwater aquariums. Its effective, fast heating performance ensures that the optimum aquarium temperature is maintained evenly and allows precise temperature control for intelligent heating with constant temperatures. The Intelligent AQQA PTC Variable Frequency Aquarium Heater offers reliable performance for all aquarium fans.</p></div>																																																					
<div><p>⚠️ Attention</p><p>1. The controller is not waterproof, do not allow it to get wet. 2. To ensure proper operation, the heater must be fully submerged when it is in operation.</p><p>1. PRODUCT FEATURES</p><p>Rapid and safe heating: The heater is made of PTC new ceramic semiconductor material and covered with graphene coating that heats the water quickly and safely.</p><p>Precise temperature control system: The large LED display shows the set temperature with one decimal place and the temperature control is accurate to ± 0.5°F. You can set the temperature safely and conveniently using the controller. With each setting, the temperature changes by 0.5°F. The adjustable temperature range of this heater is 59-94°F.</p><p>Constant temperature inverter technology: The heater raises the water temperature with fast, safe, powerful heating, and then the water temperature is kept constant. If the difference between the actual water temperature and the set temperature is less than 0.5°F, the heater will heat at a lower power. If the difference between the actual water temperature and the set water temperature is more than 0.6°F, the heater heats at high power, keeping the water temperature constant quickly and accurately and reducing the water temperature difference.</p><p>Automatic switch-off if the heater runs dry: If more than 2 inches of the heater is above the water surface, it stops heating and the overheating protection is automatically activated, and the indicator light flashes to indicate a lack of water. The error message "Er" appears on the display. As soon as the heater is completely covered by water again, it will resume operation.</p><p>Protection against excessive temperatures: If the water temperature exceeds 95°F, the indicator light illuminates as an overtemperature alarm, and the error message "Er" is displayed. When the water temperature drops to 93°F, the display returns to normal.</p><p>Memory function: When the power is restored after a power shutdown, the previous settings will be retained.</p><p>High-temperature-resistant safety cover: The heater has a removable ABS plastic cover that is high-temperature resistant and easy to clean, ensuring the safety of fish and other aquatic organisms.</p><p>Simple operation: Simply plug the heater into the socket to start up the appliance. Press and hold the setting button for 3 seconds to unlock the controller, then press the up and down buttons to adjust the set temperature. If the controller is not operated for 3 seconds, it automatically switches to childproof mode, preventing accidental touching by children and ensuring the safety of children and fish.</p></div> <p>-1-</p>	<div><p>2. PRODUCT PARAMETERS</p><table><tr><td>Model</td><td colspan="3">AQ137</td></tr><tr><td>Power</td><td>300W</td><td>500W</td><td>800W</td></tr><tr><td>Voltage</td><td colspan="3">AC110-120V/60Hz</td></tr><tr><td>Control Range</td><td colspan="3">59°F~94°F</td></tr><tr><td>Each setting changes the temperature by</td><td colspan="3">0.5°F</td></tr><tr><td>Applicable aquarium size</td><td>30~80Gal (115~300L)</td><td>53~135Gal (200~510L)</td><td>80~250Gal (300~942L)</td></tr><tr><td>Heating Rod Dimension</td><td>7.1"2.4"0.8m 18.0"6.2"2.0cm</td><td>7.1"2.4"0.8m 18.0"6.2"2.0cm</td><td>9.5"2.4"0.8m 24.2"6.2"2.0cm</td></tr><tr><td>Temp Accuracy</td><td colspan="3">±1°F / ±1℃</td></tr></table><p>3. TROUBLESHOOTING</p><table><tr><td>Error code</td><td>Cause</td><td>Solution</td></tr><tr><td>Er</td><td>The heater is not fully immersed in the water</td><td>Fully immerse the heater in the water</td></tr><tr><td>EE</td><td>The current water temperature exceeds 95°F</td><td>The display returns to normal when the water temperature drops to 93°F</td></tr><tr><td>H1</td><td>Short circuit on temperature sensor 1</td><td>Unplug the heater, stop using it, and contact customer service to solve the problem</td></tr><tr><td>H2</td><td>Short circuit on temperature sensor 2</td><td>Unplug the heater, stop using it, and contact customer service to solve the problem</td></tr><tr><td>E1</td><td>Open circuit on temperature sensor 1</td><td>Unplug the heater, stop using it, and contact customer service to solve the problem</td></tr><tr><td>E2</td><td>Open circuit on temperature sensor 2</td><td>Unplug the heater, stop using it, and contact customer service to solve the problem</td></tr></table></div> <p>-2-</p>	Model	AQ137			Power	300W	500W	800W	Voltage	AC110-120V/60Hz			Control Range	59°F~94°F			Each setting changes the temperature by	0.5°F			Applicable aquarium size	30~80Gal (115~300L)	53~135Gal (200~510L)	80~250Gal (300~942L)	Heating Rod Dimension	7.1"2.4"0.8m 18.0"6.2"2.0cm	7.1"2.4"0.8m 18.0"6.2"2.0cm	9.5"2.4"0.8m 24.2"6.2"2.0cm	Temp Accuracy	±1°F / ±1℃			Error code	Cause	Solution	Er	The heater is not fully immersed in the water	Fully immerse the heater in the water	EE	The current water temperature exceeds 95°F	The display returns to normal when the water temperature drops to 93°F	H1	Short circuit on temperature sensor 1	Unplug the heater, stop using it, and contact customer service to solve the problem	H2	Short circuit on temperature sensor 2	Unplug the heater, stop using it, and contact customer service to solve the problem	E1	Open circuit on temperature sensor 1	Unplug the heater, stop using it, and contact customer service to solve the problem	E2	Open circuit on temperature sensor 2	Unplug the heater, stop using it, and contact customer service to solve the problem
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<div><p>4. INSTRUCTIONS</p><p>Probe Fault Max : Excessive current water temperature Power: Real-time power</p><p>Level Alarm Set Temp/Current Temp Heat Eco</p><p>1. Set the temperature: Press and hold  button for 3 seconds to unlock it, when the temperature display flashes, you can press  or  button to adjust the desired temperature. Each time you press the  or  button, the set temperature will increase or decrease by 0.5°F, the set temperature range is 59-94°F, which can be adjusted cyclically by pressing the button.</p><p>After setting the temperature, the heater will heat the water to the set temperature and then stop heating to enter the insulating state. When the actual temperature is between 0.2-0.5°F below the set temperature, the heater will automatically start heating at low power, and the  lights up. When the water temperature is higher than 0.5°F or more, the heater will automatically start heating at high power, and the  lights up.</p><p>a. If the water temperature is above 95°F, the "high temperature alarm" is triggered, the temperature display shows error message "EE", and the  lights up until the water temperature drops to 93°F, then the "high temperature alarm" is automatically eliminated and the heater returns to the normal display.</p><p>b. Automatic switch-off if the heater runs dry: If more than 2 inches of the heater is above the water surface, it stops heating and the overheating protection is automatically activated, and the indicator light  flashes to indicate a lack of water. The error message "Er" appears on the display. As soon as the heater is completely covered by water again, it will resume operation.</p></div> <p>-3-</p>	<div><p>2. Place the heating rod as shown below</p><p>Fully submerged in the water Fully submerged in the water</p><p>Do not operate it out of water Do not bury it under gravel</p><p>Don't lay it flat on the bottom</p></div> <p>-4-</p>																																																					
<div><p>⚠️ Important notes:</p><p>1. 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.</p><p>2. Please make sure there is enough water flow and water circulation in the fish tank when using the heater.</p><p>3. Please do not bury the heating rod or use it near the sand.</p><p>5. MAINTANANCE</p><p>⚠️ Clean the heating rod body regularly to avoid limestone adhering to the rod body, prolonged adhesion of limestone to the rod body accumulation will affect heat dissipation, leading to rod body bursting when the temperature raises.</p></div> <p>-5-</p>	<div><p>⚠️ 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.</p><p>⚠️ Do not use detergents or other chemical cleaners.</p><p>⚠️ When reinstalling the heater, select your desired location and position the heater below the water.</p><p>⚠️ For aquarium use only, not in the bathroom.</p></div> <p>-6-</p>																																																					
<div><p>6. WARNING</p><p>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:</p><p>1.Read and follow this user manual strictly.</p><p>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.</p><p>A.If the heater shows any sign of abnormal working or, unplug the power and remove the heater from the water after 15 minutes.</p><p>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.</p><p>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.</p><p>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.</p><p>POWER CORD</p><p>DRIP LOOP</p><p>3.Close supervision is necessary when the heater is used near children.</p><p>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.</p><p>5.To avoid injury, do not contact moving or hot parts.</p></div> <p>-7-</p>	<div><p>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.</p><p>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.</p><p>8.Do not install or store the heater where it will be exposed to extreme weather or temperatures below freezing.</p><p>9.Only use the heater in freshwater or saltwater, do not use it in other liquids.</p><p>10.Make sure the heater is securely installed before operating it.</p><p>11.Read and observe all the important notices on the heater.</p><p>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.</p><p>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.</p><p>14.The heater is intended FOR HOUSEHOLD USE ONLY.</p><p>15.SAVE THIS USER MANUAL.</p></div> <p>-8-</p>																																																					
<div><p>7. AQQA LIMITED MANUFACTURER'S WARRANTY</p><p>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</p><p>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.</p><p>Products have no warranty if:</p><ol style="list-style-type: none">The product has been serviced, modified or tampered with by anyone other than AQQA® Aquatic Supplies.The product has been abused or damaged (including broken or cracked bulbs), and/or.The product has been transported without proper packaging.The product was purchased from an Unauthorized Reseller.<p>WARRANTY LIABILITY DISCLAIMER</p><p>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.</p><ol style="list-style-type: none">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 UV-C 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.</div> <p>-9-</p>	<div><p>8. DISPOSAL</p><p>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.</p><p>9. DISPOSAL</p><p>1x Heater (A controller is included) 4x Suction cup 1x Controller holder 1x User manual</p><p>10. CONTACT INFORMATION</p><p>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</p></div> <p>-10-</p>																																																					