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Made in China



太平洋飓风微信公众号



一直努力 直至伟大

APP智能玻璃调温加热棒说明书

型号:RF100、RF200、RF300



Instructions 使用说明书

使用前请仔细阅读说明书
并妥善保存,
以备日后参考之用!

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指示灯说明

● 蓝灯快闪 (WIFI指示灯) 加热棒等待配网联机	● 蓝灯慢闪 (WIFI指示灯) 网络脱机断网	● 蓝灯常亮 (WIFI指示灯) 联网成功
● 黄灯慢闪 (工作指示灯) 报错提示停止加热	● 常亮指示 (工作指示灯) 加热中	● 常亮指示 (工作指示灯) 恒温 (停止加热)

- 1、常按加热棒开关5秒进行恢复出厂设置,设备WIFI指示灯蓝灯快闪,进入配网模式。
- 2、当加热棒正常联网中出现断网,加热棒WIFI指示灯蓝灯会进行慢闪提示。
- 3、加热棒在正常联网状态下,WIFI指示灯常亮。
- 4、加热棒在正常工作中,正在加热中工作指示灯显示红色,保温状态下工作指示灯显示绿色。当出现故障时,工作指示灯报错统一“黄灯”慢闪+APP界面文字提醒。如:离水断电ER+水温超温断电 HH+1号探头开短@短路E1/2+2号探头开短@短路@过温

产品规格

加热棒功率	输入电压/频率	加热棒长度	线长	调温范围 °C/F	温度误差 °C/F	保温精度 °C/F	防水等级	适合鱼缸水位
100W	220-240VAC 50Hz	284mm	1.86 M	18-34°C /64-94F	±1.1°C /±2F	±0.5°C /±1F	IPX8	50-100L
200W	220-240VAC 50Hz	319mm						100-200L
300W	220-240VAC 50Hz	344mm						150-300L

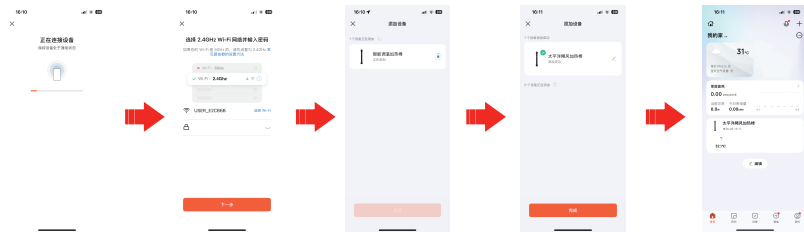
使用指南

鱼缸尺寸		室内环境温度参考基准在20-22.2℃, 以下在基础参考温度上升相应温度所需加热棒功率		
15L	15L	50W	50W	50W
30L	10gal	50W	100W	100W
50L	20gal	100W	100W	100W
65L	25gal	100W	100W	150W
120L	40gal	150W	150W	200W
150L	50gal	200W	200W	200W
300L	80gal	300W	300W	300W

注意: 产品在未配网情况下, 加热棒入水后加热默认恒温温度为 $25.6 \pm 1^\circ\text{C}$ 。

APP使用指南

- 手机到应用商店下载“涂鸦智能或智能生活”App应用软件。
- 点击打开下载完成的“涂鸦智能或智能生活”APP图标, 进行首次账号注册并登入。
- 进入APP首页, 将加热棒插头插入AC电源插座中, 此时加热棒WIFI工作指示蓝灯快闪烁, 工作指示亮黄灯闪烁指示(离水断电状态)。手机APP界面窗口自动弹出新询问是否要添加设备产品名称为“智能调温加热棒”。如系统没有自动弹出添加设备, 可以通过点击屏幕右上角“+”再点击“添加设备”, 此时会发现添加设备。如没有自动发现新增设备, 可以再进行“手动添加”在“小家电”列表中, 选择“鱼缸加热棒(WiFi)”, 然后再输入Wi-Fi名称和输入Wi-Fi密码, 再点击进行下一步, 再点击确认指示灯闪烁、再点击快闪。之后设备就进行自动配网。当设备配网成功后, 添加设备列表中会出现打绿勾的新增“智能调温加热棒”设备图标。再点击完成(如下图所示)!



APP智能调温加热棒工作界面(如下图所示)

正常加热状态



正常保温状态



报错断电之一离水断电



安装和设置指南

警告:在使用或安装加热棒之前,请务必阅读并理解所有安全与警告说明。

步骤1:安装吸盘:将吸盘(C&F)安装到加热棒上。吸盘应该放置在加热棒棒体的中间至上部,如图1所示。

步骤2:插入电源插座:一旦插入,加热棒的WIFI指示灯快闪,工作指示灯黄灯闪亮。这意味着提示您需要将加热棒连接网络完成后,再将加热棒安装到水量充足的水族箱中

步骤3:设置加热棒温度:可通过APP操作界面设置需要设定的温度值,根据不同容量的水族箱,需要进一步调整温度,以保证水族箱所需温度。

注意:

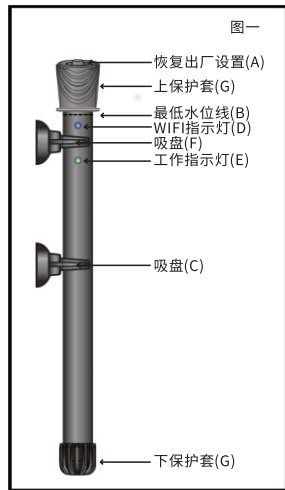
a.如智能加热棒无法连网,请长按恢复出厂设置键5秒后,WIFI指示灯由慢闪变为快闪才可以进行配网。

b.温度调节:可通过APP操作界面温度设置进度条进行18-34°C设置需加热的温度。

c.温度显示:华氏(F)和摄氏度(°C),可通过APP操作界面即可切换。

d.温度报警设置:低温0-18°C,高温25-34°C.低温及高温报警温度请和设定温度相差两度以上.否则会误报错。

e.加热棒仅适用于说明书中所述的水族箱尺寸。正常情况下,温度差异约为5-10°C(例如,房间温度为21°C,水族馆设置温度为24°C至27°C)。如果从室温到水族箱设定温度的差异超过10°C,水族箱加热棒可能无法在指定水族箱尺寸下正常工作。



步骤4:加热棒安装:将装好吸盘的加热棒安装到水族箱中,确保其在水族箱正确的位置,使加热棒周围有足够的水循环,均匀的热量分配。加热棒安装在水族箱垂直位置时效果最好。加热棒垂直安装时要求加热棒必须保持高于加热棒最低水位线(B)的水位,如图2所示。加热棒可以水平位置安装在水族箱中。加热棒水平安装时要求加热棒始终完全浸没到水中,如图2所示。

注意:

1、加热时红灯会亮。当加热停止时LED灯,绿灯将亮起,APP显示界面显示设定温度。

如果出现报错,黄灯将闪烁提示且APP后台推送故障码。

2、智能加热棒电源线只能入水40厘米,不允许将电源线上的天线部分入水。如入水后,会导致无信号APP不能查看时时状态及调整控制。

重要安全警告

为防范伤害风险,请务必遵守以下基本安全准则:

1.阅读并遵守所有安全说明。

2.触电危险:

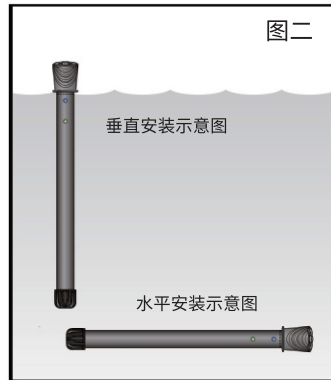
使用水族设备时需特别谨慎。若出现以下情况,请勿自行维修,应送至授权维修点处理或废弃设备:

A. 如设备出现异常漏水,请立即断开电源。

B. 安装后仔细检查设备,若发现非防水部位沾水,切勿通电。

C. 若电源线或插头损坏、设备故障、摔落或任何损伤,请停止使用。

D. 为避免插头或插座沾水,请将水族箱及支架安装在远离墙壁插座的位置,并设置“水滴环”(即电源线低于插座或延长线接头的下垂弧度),防止水沿电线流入插座。若插头或插座已沾水,切勿直接拔插!应先关闭电源总闸,再拔插检查是否进水。



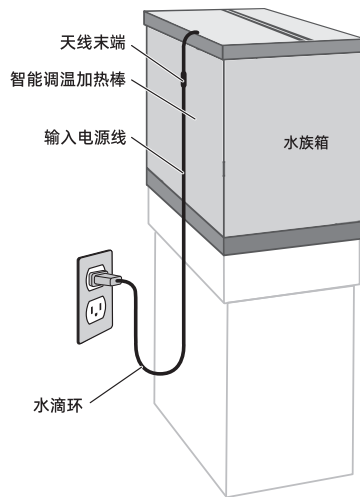
3. 儿童使用时需成人全程监护。

4. 勿接触设备活动部件或发热部件, 以防受伤。
5. 维护前务必拔掉电源: 闲置时、拆装部件前、清洁前均需断电。禁止拽拉电线拔插头, 应握住插头拔出
6. 仅限指定用途使用, 非厂商推荐的附件可能导致安全隐患。
7. 避免将设备安装在露天或低于冰点的环境中。
8. 运行前确保设备已牢固安装于水族箱上。
9. 请严格遵守设备上的所有警示标识。
10. 如需延长线, 须使用功率匹配的产品。低规格电线可能过热, 布线时需避免绊倒或拉扯风险。

重要安全须知 (请妥善保存本说明书)

安全使用补充说明

1. 此设备没有用户可维修的部件。
 - 本加热棒为全密封设计, 加热棒严禁自行拆解、改装或尝试维修加热棒
 - 任何拆卸行为将导致保修失效并可能引发安全隐患
2. 操作警示
 - 加热棒工作时禁止触摸本体 (高温烫伤风险)
 - 电源线必须:
 - 保持完全干燥状态
 - 固定在水族箱外侧 (避免浸泡或接触水体)
3. 水位管理
 - 必须确保水位始终高于标定的加热棒"最低水位线"
 - 换水前必须:
 - ① 先断开电源
 - ② 等待至少15分钟冷却时间
 - ③ 方可从水中取出加热棒



违规操作后果警示

- 未冷却直接取出可能导致玻璃管爆裂
- 水位不足会造成局部过热损坏
- 带电操作易引发短路/漏电事故

重要安装指南

(警告: 在完成全部安装步骤前, 请勿接通电源!)

1. 安装吸盘支架
 - 将随附的吸盘安装至双吸盘固定支架
 - 将支架沿加热棒滑动至指定标记位置 (听到"咔嗒"声即安装到位)
2. 固定加热棒
 - 用力按压吸盘, 将加热棒牢固贴附在水族箱内壁

注意:

 - 请选择无藻类生长且水流畅通的位置安装
 - 确保加热棒悬空, 不与底砂/造景石/装饰物接触
3. 通电准备
 - 安装完成后需静置至少30分钟方可通电
 - 电源指示灯亮起表示正常工作

关键提示: 通电前必须设置"水滴环" (确保电源线在插座下方形成U型弯曲, 防止水珠回流)

技术参数:

 - 默认设定温度: $25.6 \pm 1^\circ\text{C}$ (无配网状态下)
 - 最大工作水深: 40厘米 (需完全浸没)
 - 适用范围: 仅限家庭水族箱使用

提示:

关于产品规格等详细信息,
请浏览TPYJF 官方网站
www.tpyjf.com,
或扫描右方二维码



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产品保修

所有太平洋飓风RF系列加热棒产品自购买之日起12个月内若有质量问题,可享有太平洋飓风公司的保修服务。若在保修期内出现质量问题,太平洋飓风公司将免费维修或更换配件。

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故障代码	故障提示	故障原因	解决方案
ER	黄灯闪烁	水族箱水位低于加热棒最低水位线时,加热棒电源关闭,即离水断电	调整加热棒在水族箱中的位置,确保水族箱的水位高于加热棒最低水位线,使加热棒周围热量均匀分布。
EE	黄灯闪烁	水族箱水温超过36度,加热棒电源关闭	关闭电源,待加热棒在水中冷却后再拿出加热棒重新设置温度A
E1	黄灯闪烁	正常水温温度探头短路故障	加热棒不可再使用
E2	黄灯闪烁	正常水温温度探头开路故障	加热棒不可再使用
E3	黄灯闪烁	干烧保护温度探头短路故障	加热棒不可再使用
E4	黄灯闪烁	干烧保护温度探头开路故障	加热棒不可再使用
H1	黄灯闪烁	干烧保护探头检测内部超温	加热棒不可再使用

Indicator Light Instructions

 WiFi indicator (blue light, fast flashing) The heater rod awaits network pairing & connection	 WiFi indicator (blue light, slow flashing) Network Disconnection	 WiFi indicator (blue light, steady on) Network connection successful
 Operation Indicator (yellow light, slow flashing) Error prompt: Heating stopped	 Operation Indicator (steady on) Heating	 Operation Indicator (steady on) Constant Temperature (Heating Stopped)

Press and hold the heater rod switch for 5 seconds to restore factory settings. The device's WiFi indicator light will flash quickly in blue, entering the network configuration mode.

If the heater rod disconnects from the network while normally connected, its WiFi indicator light will flash slowly in blue to alert.

When the heater rod is in the normal network-connected state, the WiFi indicator light remains steadily on.

During the normal operation of the heater rod: the working indicator light shows red when it is heating, and green when it is in the heat preservation state. In case of a fault, the working indicator light will uniformly give an error prompt of "slowly flashing yellow light" plus a text reminder on the APP interface. Examples of faults:Water-off power cut (ER),Water temperature over-limit power cut (HH), No.1 probe open/short circuit (E1/2),No.2 probe open/short circuit/over-temperature

Product Specifications


Heater Rod Power	Input Voltage / Frequency	Heater Rod Length	Cable Length	Temperature Adjustment Range (°C/°F)	Temperature Error (°C/°F)	Heat Preservation Precision (°C/°F)	Waterproof Rating	Suitable Fish Tank Water Level
100W	220-240VAC 50Hz	284mm	1.86 M	18-34°C /64-94F	±1.1°C /±2F	±0.5°C /±1F	IPX8	50-100L
200W	220-240VAC 50Hz	319mm						100-200L
300W	220-240VAC 50Hz	344mm						150-300L

Instruction Manual

Fish Tank Dimensions		The reference baseline for indoor ambient temperature is 20-22.2°C. Below is the required heater rod power to raise the temperature by the corresponding degree based on this baseline temperature.		
15L	15L	50W	50W	50W
30L	10gal	50W	100W	100W
50L	20gal	100W	100W	100W
65L	25gal	100W	100W	150W
120L	40gal	150W	150W	200W
150L	50gal	200W	200W	200W
300L	80gal	300W	300W	300W

Note: When the product is not connected to the network, the default constant temperature of the heater rod (after being submerged in water) is $25.6 \pm 1^\circ\text{C}$.

APP User Guide

- Go to the app store on your mobile phone and download the "Tuya Smart" or "Smart Life" APP .
- Tap to open the downloaded "Tuya Smart" or "Smart Life" APP icon, then register a new account and log in for the first time.
- Enter the APP homepage, and plug the heater rod into an AC power socket. At this time, the heater rod's WiFi operation indicator (blue light) will flash quickly, and the operation indicator (yellow light) will flash (indicating the waterless power-off state). A window will automatically pop up on the mobile APP interface asking if you want to add a device named "Smart Temperature-Controlled Heater Rod". If the system does not automatically pop up the device addition prompt, tap the "+" icon in the upper right corner of the screen, then tap "Add Device"—the device to be added will appear at this point. If the new device is not automatically detected, you can select "Manual Addition". From the "Small Home Appliances" list, choose "Fish Tank Heater Rod (WiFi)", then enter the WiFi name and WiFi password. Tap "Next", then confirm that the indicator light is flashing and tap "Fast Flashing". The device will then start automatic network configuration. Once the device is successfully connected to the network, the icon of the newly added "Smart Temperature-Controlled Heater Rod" with a green checkmark will appear in the device addition list. Tap "Complete" (as shown in the figure below)!



Working Interface of the Smart Temperature-Controlled Heater Rod (APP) (as shown in the figure below)

Normal Heating State



Normal Heat Preservation State



One of the Error-Powered-Off Modes: Waterless Power-off



Installation and Setup Guide

Warning

Before using or installing the heater rod, please read and understand all safety and warning instructions thoroughly.

Step 1: Install the Suction Cups

Mount the suction cups (C&F) onto the heater rod. The suction cups should be placed from the middle to the upper part of the heater rod body, as shown in Figure 1.

Step 2: Plug into the Power Socket

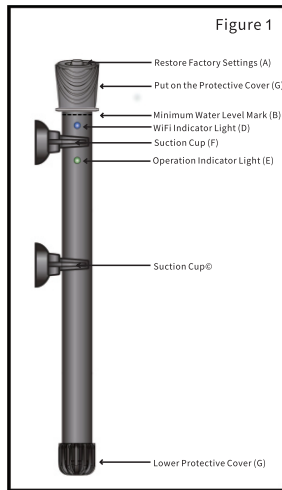
Once plugged in, the heater rod's WiFi indicator will flash quickly, and the operation indicator (yellow light) will flash. This indicates that you need to connect the heater rod to the network first, then install it into an aquarium with sufficient water.

Step 3: Set the Heater Rod Temperature

You can set the desired temperature via the APP operation interface. Adjust the temperature further according to the aquarium's capacity to ensure the aquarium reaches the required temperature.

Notes

- If the smart heater rod fails to connect to the network, press and hold the "Restore Factory Settings" button for 5 seconds. The WiFi indicator will change from slow flashing to fast flashing, allowing network configuration to proceed.
- Temperature Adjustment: Use the temperature setting slider on the APP operation interface to set the heating temperature within the range of 18–34°C.
- Temperature Display: Fahrenheit (°F) and Celsius (°C) can be switched via the APP operation interface.
- Temperature Alarm Setting: The low-temperature alarm range is 0–18°C, and the high-temperature alarm range is 25–34°C. Ensure the alarm temperature (low or high) is at least 2°C different from the set temperature; otherwise, false alarms may occur.
- The heater rod is only suitable for the aquarium sizes specified in the manual. Under normal conditions, the temperature difference is approximately 5–10°C (e.g., if the room temperature is 21°C, the aquarium set temperature should be 24°C to 27°C). If the temperature difference between the room temperature and the aquarium's set temperature exceeds 10°C, the aquarium heater rod may not work properly for the specified aquarium size.



Step 4: Heater Rod Installation

Install the heater rod (with suction cups attached) into the aquarium. Ensure it is placed in the correct position to allow sufficient water circulation around the rod for even heat distribution. The heater rod works best when installed vertically in the aquarium. For vertical installation: The water level must remain above the heater rod's minimum water level mark (B), as shown in Figure 2. The heater rod can also be installed horizontally in the aquarium. For horizontal installation: The heater rod must be completely submerged in water at all times, as shown in Figure 2.

Notes:

1. The red light will turn on during heating. When heating stops, the green LED light will turn on, and the set temperature will be displayed on the APP interface.

If an error occurs, the yellow light will flash to alert, and a fault code will be pushed to the APP background.

2. Only up to 40 cm of the smart heater rod's power cord can be submerged in water. Do not submerge the antenna part of the power cord—submerging it will cause signal loss, preventing the APP from displaying real-time status or allowing adjustment/control.

Important Safety Warnings

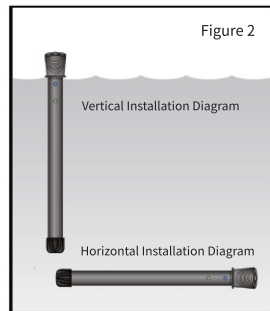
To prevent the risk of injury, please strictly follow these basic safety guidelines:

1. Read and comply with all safety instructions.

2. Risk of Electric Shock:

Exercise extreme caution when using aquarium equipment. Do not attempt to repair the device yourself under the following circumstances—send it to an authorized repair center or discard it instead:

- If the device leaks abnormally, disconnect the power supply immediately.
- After installation, inspect the device carefully. Do not turn on the power if non-waterproof parts are wet.
- Stop using the device if the power cord, plug is damaged, or if the device malfunctions, is dropped, or sustains any other damage.
- To prevent the plug or socket from getting wet: Install the aquarium and its stand away from wall sockets. Create a "drip loop" (a droop curve in the power cord where the cord hangs lower than the socket or extension cord connector) to prevent water from flowing along the cord into the socket. If the plug or socket is already wet, do not plug/unplug it directly! First turn off the main power switch, then plug/unplug and check for water ingress.



3. Adult supervision is required at all times when the device is used by children.

4. Do not touch the device's moving parts or heated parts to prevent injury.

5. Always unplug the power supply before maintenance: Power off the device when it is not in use, before disassembling parts, and before cleaning. Never pull the power cord to unplug the device—hold the plug to remove it.

6. Use the device only for its designated purpose. Accessories not recommended by the manufacturer may pose safety hazards.

7. Do not install the device outdoors or in environments where the temperature is below freezing.

8. Ensure the device is firmly installed on the aquarium before operation.

9. Strictly follow all warning labels on the device.

10. If an extension cord is needed, use one with a matching power rating. Undersized cords may overheat. When routing the cord, avoid tripping or pulling hazards.

Important Safety Precautions (Please keep this manual in a safe place)

Supplementary Safety Instructions for Use

1. This device has no user-serviceable parts.

-The heater rod features a fully sealed design. Do not disassemble, modify, or attempt to repair the heater rod by yourself.

-Any disassembly will void the warranty and may cause safety hazards.

2. Operation Warnings

-Do not touch the heater rod body while it is in operation (risk of high-temperature burns).

-The power cord must:

● Remain completely dry at all times.

● Be secured on the outside of the aquarium (to avoid immersion in or contact with water).

3. Water Level Management

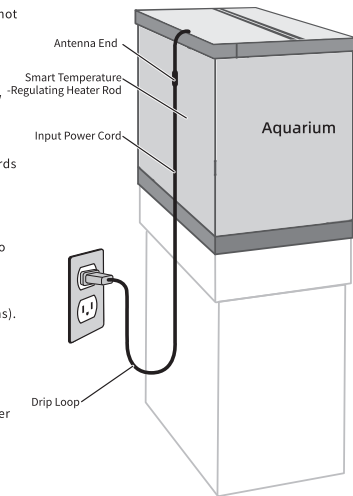
-Ensure the water level is always above the marked "Minimum Water Level" on the heater rod.

-Before changing the aquarium water, you must:

① First disconnect the power supply.

② Wait for a cooling period of at least 15 minutes.

③ Only then can the heater rod be removed from the water.



Warnings for Consequences of Improper Operation

- Removing the heater rod without cooling it first may cause the glass tube to burst.
- Live-line operation (operating with power on) may easily cause short circuits/electric leakage accidents.
- Insufficient water level will lead to local overheating and damage to the device.

Important Installation Guide

(Warning: Do NOT connect the power supply until all installation steps are completed!)

1. Install the Suction Cup Bracket

-Attach the included suction cups to the dual-suction-cup fixing bracket.

-Slide the bracket along the heater rod to the designated marked position (it is properly installed when a "click" sound is heard).

2. Secure the Heater Rod

-Press the suction cups firmly to attach the heater rod tightly to the inner wall of the aquarium.

Notes:

• Install the heater rod in a location free of algae growth and with unobstructed water flow.

• Ensure the heater rod is suspended and does not come into contact with substrate/decorative stones/decorations.

-Preparation for Power-On

-After installation, let the heater rod stand for at least 30 minutes before connecting the power supply.

The power indicator light turning on indicates normal operation.

Key Tip: A "drip loop" must be created before power-on (ensure the power cord forms a U-shaped bend below the socket to prevent water droplets from flowing back).

Technical Parameters

-Default Set Temperature: $25.6 \pm 1^{\circ}\text{C}$ (in non-networked state) -Maximum Operating Water Depth: 40 cm (full submersion required)

-Application Scope: For home aquarium use only

Note:

For detailed information such as product specifications, please visit the official TPYJF website at www.tpyjf.com or scan the QR code on the right:



You can also follow the "Pacific Hurricane" WeChat Official Account to access the latest updates and contact its customer service. To follow the "Pacific Hurricane" WeChat Official Account, scan the QR code on the right.



Pacific Hurricane Official Contact Email: 72068@qq.com

Product Warranty

All Pacific Hurricane RF Series heating rod products are eligible for the warranty service provided by Pacific Hurricane Company within 12 months from the date of purchase if there are quality-related issues. In case of quality problems occurring within the warranty period, Pacific Hurricane Company will provide free repair services or replacement of spare parts.

The warranty shall not apply if the product is damaged due to misuse, modification, accident, improper handling, improper use, or unauthorized self-repair. Circumstances excluded from the warranty scope include, but are not limited to, damages caused by acts deemed as misuse or abuse such as using modified glass tubes and altering circuits.

Disclaimer of Indirect and Consequential Damages:

Pacific Hurricane shall not be liable for any indirect or consequential damages to you or other users. Indirect or consequential damages include, but are not limited to, losses or inconveniences caused by the use of the product, damages to personal property (e.g., telephones), loss of income, or loss of profits. This warranty grants you specific legal rights, and you may also have other rights that vary by region.

Except for the contents explicitly stated above, Pacific Hurricane Company makes no express or implied warranties or representations regarding the product's quality, performance, merchantability, or fitness for a particular purpose. Therefore, this product is provided "as is," and you, as the purchaser, shall bear all risks associated with the product's quality and performance. Under no circumstances shall Pacific Hurricane Company be liable for any direct, indirect, special, incidental, or consequential damages arising from defects in the product or its documentation.

The aforementioned warranty terms, disclaimers, and troubleshooting methods constitute the sole and exclusive version, without any other oral or written, express or implied provisions. At no time shall distributors, agents, or employees of Pacific Hurricane Company have the authority to modify, extend, or supplement this warranty.

Since certain regions do not allow the exclusion or limitation of liability for incidental or consequential damages, the above limitations may not apply to you.

Fault Code	Fault Prompt	Fault Cause	Solution
ER	Yellow Light Flashing	When the water level in the aquarium is below the minimum water level line of the heating rod, the heating rod's power supply will turn off, which is known as "power-off when out of water".	Adjust the position of the heating rod in the aquarium, ensuring that the water level in the aquarium is above the minimum water level line of the heating rod to allow for even heat distribution around the heating rod.
EE	Yellow Light Flashing	When the aquarium water temperature exceeds 36°C, the heating rod power supply will turn off.	Turn off the power supply, wait for the heating rod to cool down in water, then take it out and reset the temperature to A.
E1	Yellow Light Flashing	Short Circuit Fault of Normal Water Temperature Probe	The Heating Rod Is No Longer Usable
E2	Yellow Light Flashing	Open Circuit Fault of Normal Water Temperature Probe	The Heating Rod Is No Longer Usable
E3	Yellow Light Flashing	Dry Burning Protection Temperature Probe Short Circuit Fault	The Heating Rod Is No Longer Usable
E4	Yellow Light Flashing	Dry Burning Protection Temperature Probe Open Circuit Fault	The Heating Rod Is No Longer Usable
H1	Yellow Light Flashing	Dry Burning Protection Probe Detects Internal Overheating	The Heating Rod Is No Longer Usable