



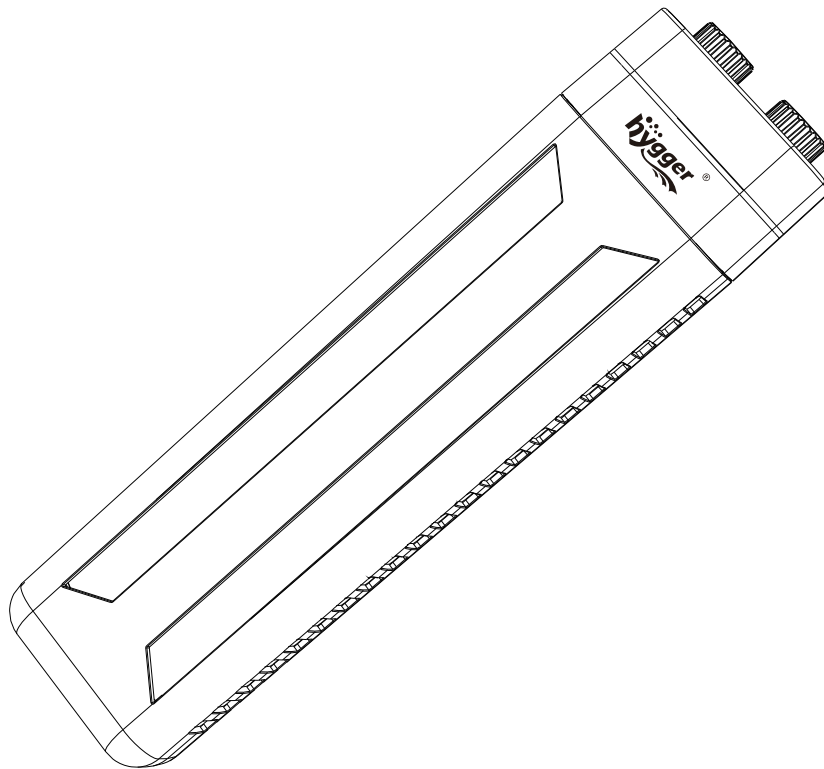
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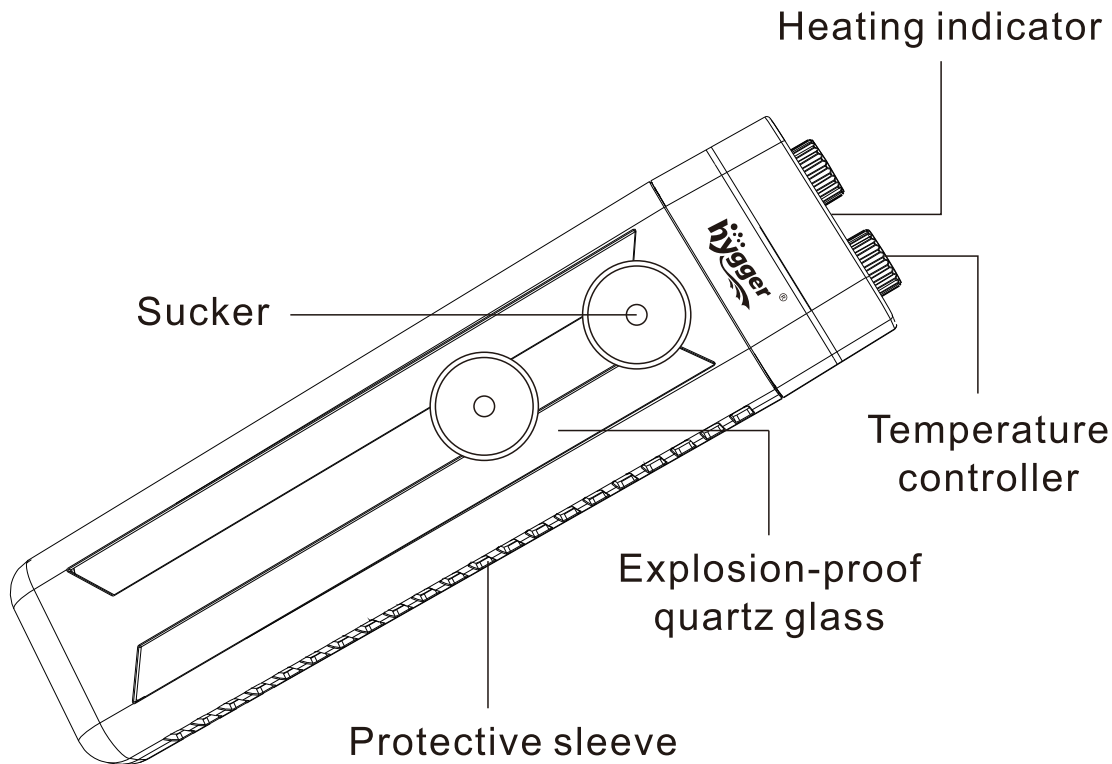
# **HG111 USER MANUAL**

## **hygger submersible quartz heater**



Please read this user manual carefully before using and follow strictly in accordance with the manual.

## 1.PRODUCT DIAGRAM



## 2.PRODUCT FEATURES

**Maintain constant and stable temperature:** Temperature can be adjusted between 64°F-93°F (17°C-34°C) to maintain constant and stable temperature in fresh or marine water.

**Reliable and high quality:** Explosion-proof quartz rod, high quality nickel-chrome heating wire, sterling silver contacts

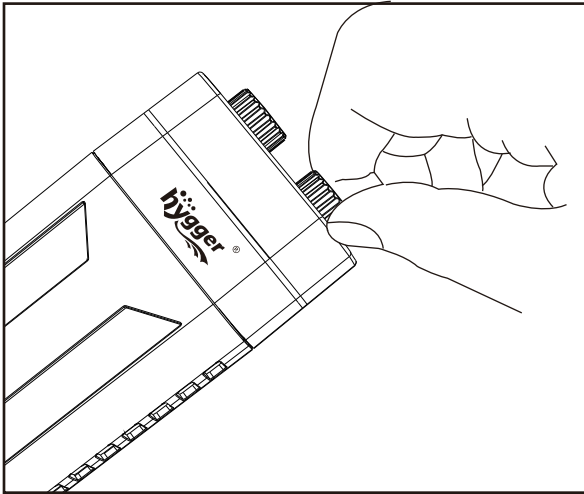
**Easy to operate:** The fully immersible heater is equipped with two suction cups and can be mounted horizontally or vertically in any suitable position.

**Safe and convenient:** Double sealing and waterproof. Plastic protective cover prevents scalding fish and is easy to handle and clean.

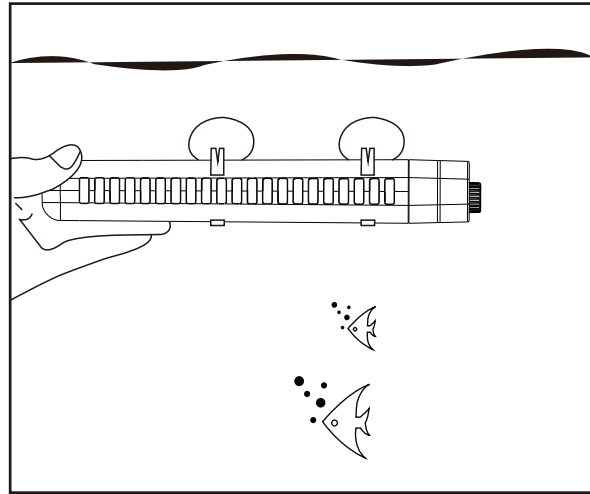
**Independent temperature control:** Each of the two quartz heating tubes has its own independent temperature control button, which can set the temperature at the same time or independently.

### 3. APPLICATION INSTRUCTIONS

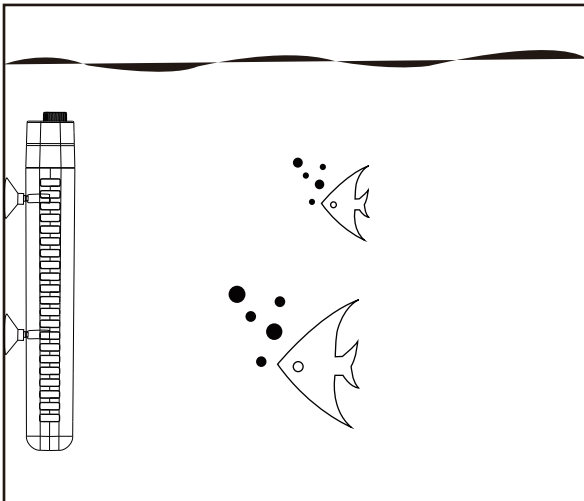
1. Fully immerse the hygger heater in water when it's on. Rotate the heater to adjust the temperature, and then fully immerse the heater in the water. The heater is equipped with two suction cups that can be mounted horizontally or vertically in any suitable position.



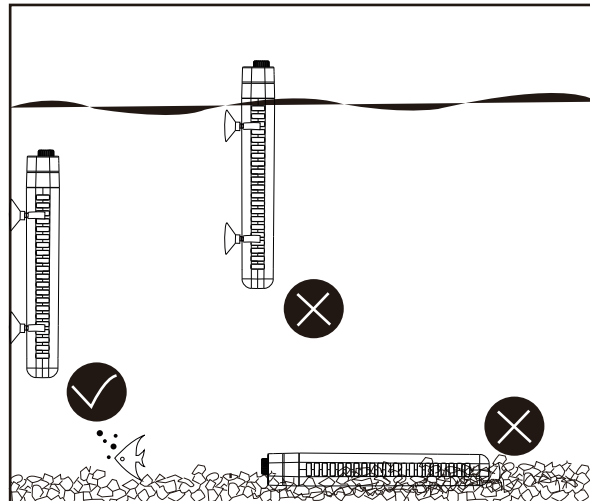
**Rotate to set temperature**



**Adhere to the aquarium wall**



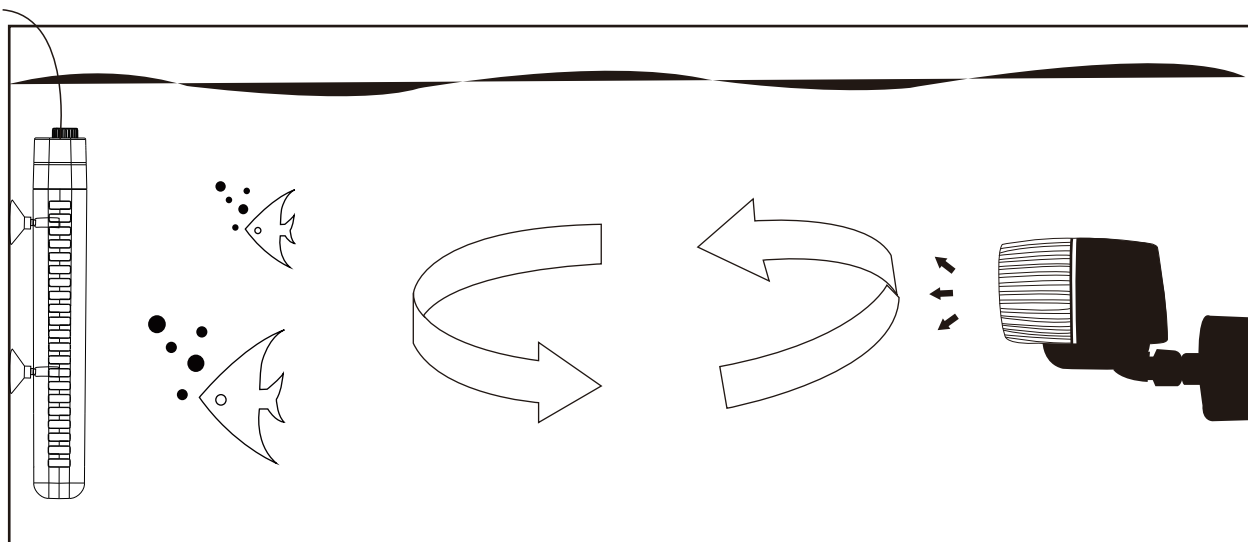
**Fully submerged in water**



**Correct location**

2. If you want to change the water in the aquarium or remove the heater from the aquarium, please unplug the heater and wait for 15 minutes to avoid burns or electric shock. Because the heating rod will not cool down immediately after the power is turned off, it will remain warm for a while and then slowly drop to normal temperature.

3. Please make sure there is enough water flow and water circulation in the fish tank when using the heater. A wave pump is recommended to keep the water circulating.



#### 4. PRODUCT PARAMETER

<b>Model</b>	HG111-600W	HG111-800W
<b>Volt/Freq</b>	AC110-120V/60HZ	
<b>Power</b>	600W	800W
<b>Temperature range</b>	64°F-93°F	64°F-93°F
<b>Recommend aquarium size</b>	66-132 Gallon (250-500L)	80-220 Gallon (300-830L)

#### 5. WARNING

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

1. Read and follow this user manual strictly.

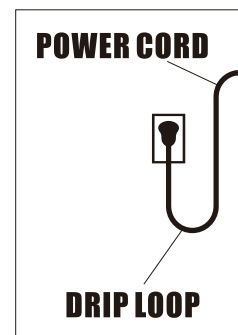
2. **DANGER**-To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself; return the heater to an authorized service facility for service or discard the heater.

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

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 an aquarium stand and tank to one side of a wall mounted receptacle to prevent water from dripping onto the receptacle or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord connecting the heater to the receptacle. The “drip loop” is the part of the cord below the level of the receptacle, or the connector. If an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle 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 receptacle.



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 use of the heater by a person responsible for their safety.

5. To avoid injury, do not contact moving parts or hot parts and so on.

6. Always unplug the heater from the outlet when not in use, before putting on or taking off parts, and before maintenance or placing hands in the water. Never yank the cord to pull plug from 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.
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, 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 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 with an extension cord unless 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.

## **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 the suitable size for aquarium.
- ✓ Please place the heater in the way of water flow and don't bury it.
- ✓ Please place the heater submersible fully when it's on duty, unplug the heater and wait for 15 minutes before changing water or remove over heater.

## 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 and healthy way.



## 8. ONE YEAR LIMITED WARRANTY

This product **MUST** be purchased from an authorized hygger reseller. Visit our website for a list of authorized resellers. hygger warrants this product against defects in materials and workmanship for ONE(1) YEAR from the date of the original retail purchase and is non-transferable.

Warranty on all products, including aquariums. But it is limited to the replacement of the products and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage caused by using this product.

**Note:** hygger One-year Limited Warranty does not cover damage caused by the followings: improper installation, saltwater corrosion, electrical surges or modifications. Additionally, products that have been refunded are also not covered under the warranty.

If you discover a defect, please contact hygger, who will, at its option, repair or replace the product at no charge, provided that you return it during the warranty period. A copy of the bill of sale is required as proof of the original purchase date in the event of the product needing repairs within the warranty period. hygger does not warrant any products that are not hygger's.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication, or modified without the written permission of hygger.



## **9.CONTACT INFORMATION**

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