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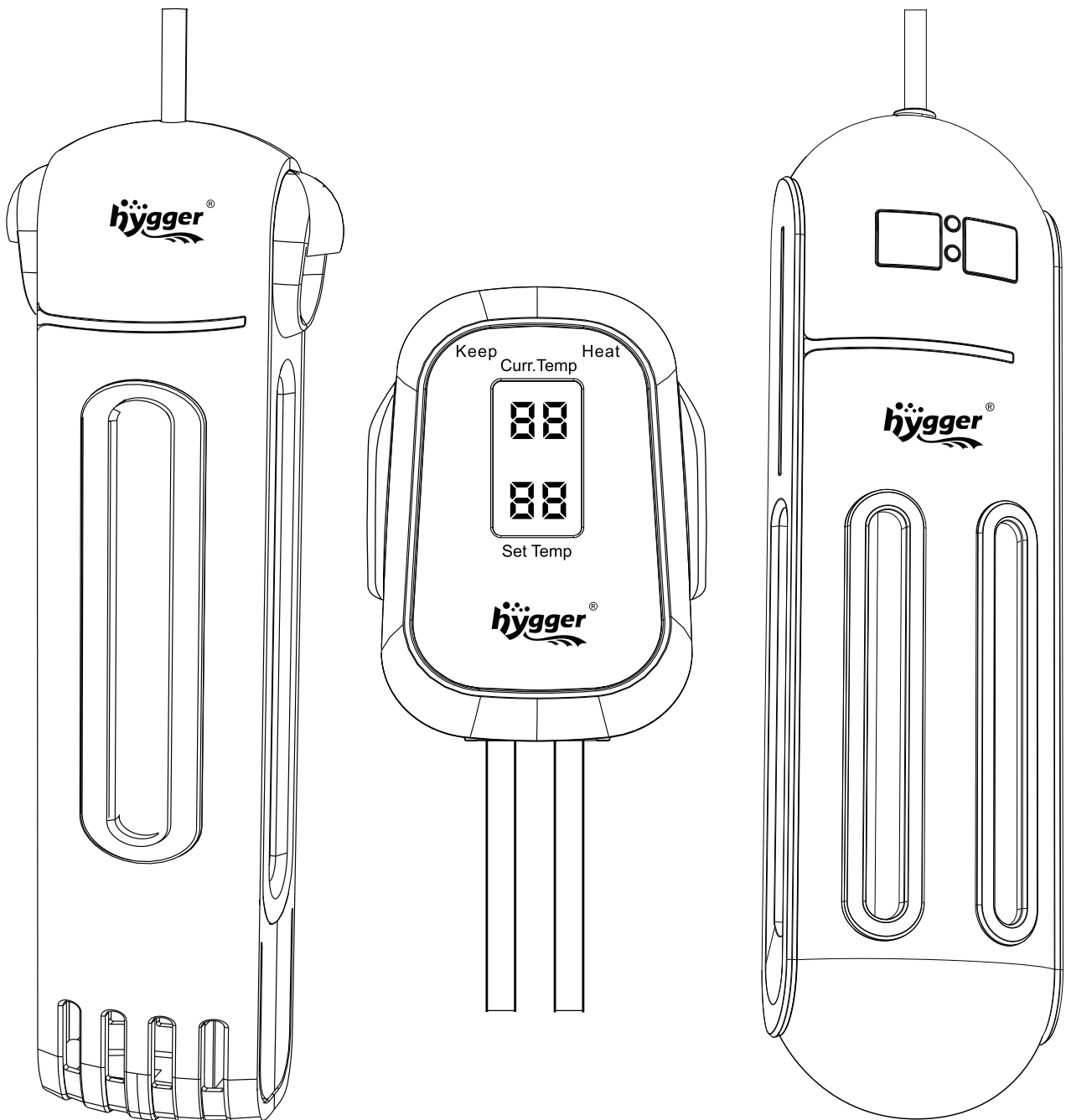
Website: www.hyggeraquarium.com



HG061 USER MANUAL

hýgger intelligent quartz heater

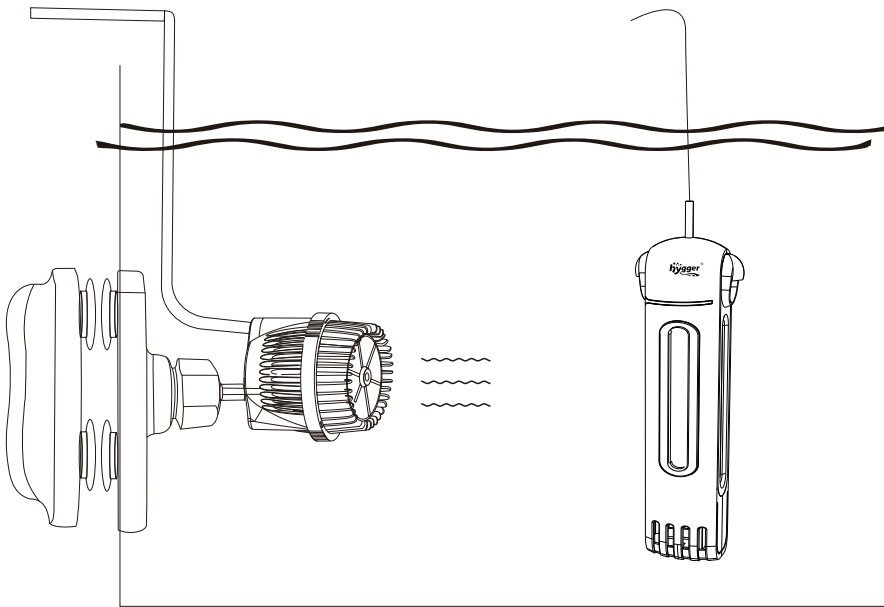
hýgger intelligent quartz heater is the perfect aquarium heater for your freshwater or saltwater aquariums



****Reminder: The controller is not waterproof, please keep it dry.**

ATTENTIONS:

- 1) Place the heater fully submersible when it's on duty. Unplug the heater and wait for 15 minutes to cooling down before changing the water or removing it.
- 2) Please ensure good water circulation in your fish tank when using the heater.



- 3) Please do not bury the heating rod or touch gravel/rock/sand.
- 4) The actual temperature tolerance range $\pm 1^{\circ}\text{F}$ ($\pm 1^{\circ}\text{C}$) .

1.PRODUCT FEATURES

Fast Heating: 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 allows the water to be heated faster and safer, more durable and longer-lasting heating. The double heating rod makes it a more powerful heater.

LED digital temperature display: LED digital display shows the current water temperature and the set temperature, which can convert from Fahrenheit to Celsius and more functions such as Low/Hi temperature and Auto shut off warning sign. The external controller makes it easy to set and operate. Every touch changes the set temperature by 1°F (1°C) .

Precise temperature control: The controller indicator light turns red and starts heating when the current water temperature is 1°F(1°C) lower than the set temperature. It shows indicator green when the water temperature reaches the set temperature. The heater rod temperature control ranges from 59°F to a max of 93°F(15~34°C). In order to prevent harm to livestock and remind the people keep on eye's. The heater flash the green indicator, emit a warning signal, flash the water current temp more than 95°F(35°C). It will change to H0 when current temp over than 99°F(37°C) and the heater stop heating.

Easy operation: Connect the heater to the socket to use it directly. The clear LED display is easy to read and has one key set for easy operation.

Auto power off and warning signal:

When the heating rod is exposed to air, the heater will stop heating and flashing water temperature with buzzing alarm. Auto shut off when heater rod not fully submerged, resume when it fully submerged.

Accurate, reliable and durable with a unique appearance design:

These quartz tubes are made of premium materials and are scientifically and precisely designed. Our heaters will last for several years, reliable and stable. The newly designed sleeve cover will keep your fish safe.

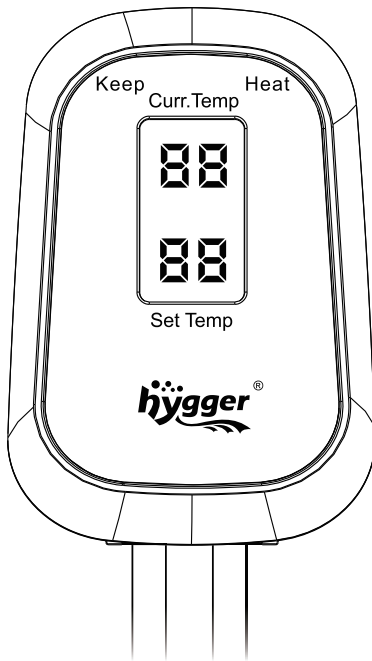
Memory function: If power cut, the heater memorizes last set temperature so you won't have to reset again.

2.PRODUCT SPECIFICATIONS

Model	HG061					
Power	100W	200W	300W	500W	800W	1000W
Volt/Freq	US standard:AC110-120V/60Hz EU/UK standard:AC220-240V/50Hz					
Cord length	5ft+5ft/1.5M+1.5M					
Application	13~27Gal	27~53Gal	40~80Gal	66-132Gal	106-211Gal	159-317Gal
Temp tolerance range	±1°F (±1°C)	±1°F (±1°C)	±1°F (±1°C)	±1°F (±1°C)	±1°F (±1°C)	±1°F (±1°C)
Temp accuracy	1°F (1°C)	1°F (1°C)	1°F (1°C)	1°F (1°C)	1°F (1°C)	1°F (1°C)
Control range	59°F-93°F(15°C-34°C)					
Heating rod dimension	11.2x2.2x2.2inch (28.5x5.6x5.6cm)				12x3.35x1.78inch (30.5x8.5x4.5cm)	
Temp controller dimension	4.5 x3x1.1inch (11.4x7.6x2.8cm)					

3.INSTRUCTIONS

- 1.The initial power-on is displayed in full screen, full screen display for 2 seconds, indicating that IC is reading the data, the current temperature and setting temperature in the digital indicate 88 (as shown below), and then quickly jump to the current temperature and setting temperature, flashing number stands for the current setting temperature.



- 2.Each time you press the button on the side, the temperature changes by 1°F (or 1°C), the temperature range of 59-93°F (15-34°C); Temperature accuracy :1°F (or 1°C); Temperature tolerance range: $\pm 1^\circ\text{F}$ (or $\pm 1^\circ\text{C}$); Flashing number indicates that the temperature is adjustable. Once the temperature is set, it flashes 3 seconds and then stop.

- 3.Press once to open the child lock. Press and hold the adjustment button for 5 seconds to switch between Fahrenheit and Celsius.

4.4-1) Low temperature 59 ° F (15 ° C) alarm setting function:

Water temperature below 59 ° F (15 ° C), the status is as follows

- ① buzz alarm sound
- ② flashing red indicator light
- ③ If Actual water temperature below 59 ° F , the display only shows 59 ° F (15 ° C)

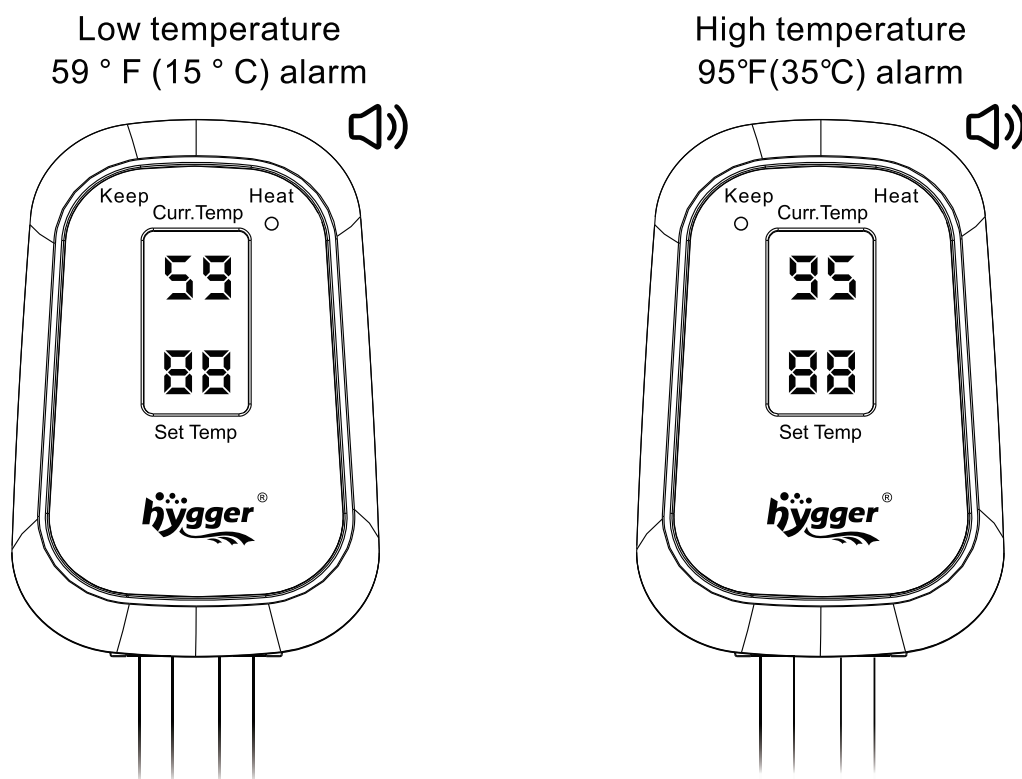
How to stop low temperature alarm mode ?

- ① You can press the "Set" button to stop it. The display shows the actual number of the temperature. The red light stops flashing.
- ② When the temperature is greater than or equal to 59 ° F (15 ° C), the buzzer alarm will be automatically canceled, the red light will come on steadily and the heating state will be entered, then the heating will continue until the set temperature turns green.

4-2) High temperature 95°F(35°C) alarm setting:

When the water temperature exceeds 95°F (35°C), the screen flashes 95°F(35°C), flashing green light with buzz alarm sound.

The alarm can be manually eliminated by pressing the button once. When the water temperature drops below 93°F (34°C), the high temperature alarm will be automatically stop.



4.MAINTENANCE

- Unplug or switch off all appliances in the aquarium before carrying out maintenance.
- Do not use detergents or other chemical cleaners.

- To clean the heater, unplug it first and then leave the heater in the tank for 15 minutes and remove it from the tank. Wash the heater in clean water.
- When reinstalling the heater, select your desired location and position the heater below the water.
- This appliance has no parts that can be repaired by users.
- For indoor use only, not in the bathroom.

5.TROUBLESHOOTING

Fault Code	Explanation	Solutions
E1	Heater off the water	Fully submerge the heater in the water
HO	Current temperature more than 99°F (37°C) shows HO code.When the current temperature reach 95~99°F and the heater stop work,the current temperature flash and indicator turns green, alarm ring .	1. The alarm can be manually eliminated by pressing the button once. 2.Waiting for the water cool down under 93°F (34°C) or change and add apart of water into the tank.
LO	Current temperature lower than 32°F (0°C) shows LO code.When the current temperature reach 32~59°F and heater keep heating,the current temperature flash and indicator turns red, alarm ring .	1. The alarm can be manually eliminated by pressing the button once. 2.Waiting for the water reach 59°F (15°C)and keep heating till the set temperature.
EE	Temperature difference between the two probes up to 5 degrees	Please get in touch with the Seller
H1	Temperature sensor 1 is shorted out	Please get in touch with the Seller
H2	Temperature sensor 2 is shorted out	Please get in touch with the Seller

E2	Temperature sensor 1 circuit failure	Please get in touch with the Seller
E3	Temperature sensor 2 circuit failure	Please get in touch with the Seller
E4	Overvoltage faults	Connect to appropriate voltage
The controller doesn't show	The power supply is disconnected	Connect the power supply
The monitor is flashing	There is a mistake in the basic function	Contrast the basic function to find out the cause
Failure to heat the setting temperature	The temperature is set incorrectly or the tank is too large	Reset the temperature and select the appropriate aquarium model
The temperature is higher than the setting	Small fish tank with super power heater	Select the appropriate model
No heating is displayed	The heating element is damaged	Please get in touch with the Seller
Abnormity warning	Unknown reason	Please get in touch with the Seller

6.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.

POWER CORD



DRIP LOOP

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 heater is intended FOR HOUSEHOLD USE ONLY.

14.SAVE THIS USER MANUAL.

7.ATTENTIONS

- ✓ Please check all the items to inspect their condition when unboxing the package.
- ✓ Please read this user manual carefully before using and follow it strictly.
- ✓ Please choose a heater rated for your aquarium.
- ✓ Please place the heating rod in the way of water flow and don't bury it in the substrate.
- ✓ It is suggested that the heater is submerged more than 5 inches below the water.
- ✓ Please make sure the heating rod is fully submerged when it's on duty. Unplug the heater and wait for 15 minutes before changing the water or removing the heater.
- ✓ Please 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 the heater for a while, 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 and harm the fish or other livestock.

- ✓ If you use the heater for a prolonged period with dirt adhered to the heating element, please be aware that failure may occur due to the inability to control the temperature correctly.
- ✓ Please place the heating rod far away from the magnetic brush since the magnet will possibly damage the heating element.
- ✓ There will be a little mist on the inner wall of the tube while heating, and it will disappear slowly after the heating stops, which means it's a normal phenomenon. So you don't have to worry about it, it is a safe and double-protected product that has passed the UL certification.

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.

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.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.PACKING LIST

1x Heater

3x Suck cups(1pc spare cup for single tube)

5x Suck cups(1pc spare cup for double tube)

1x User manual

11.CONTACT INFORMATION

Company Name: Shenzhen Mago Trading Co., Ltd

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Shenzhen City, Guangdong Province, China

E-mail: distributor@hyggeraquarium.com

Website: www.hyggeraquarium.com

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