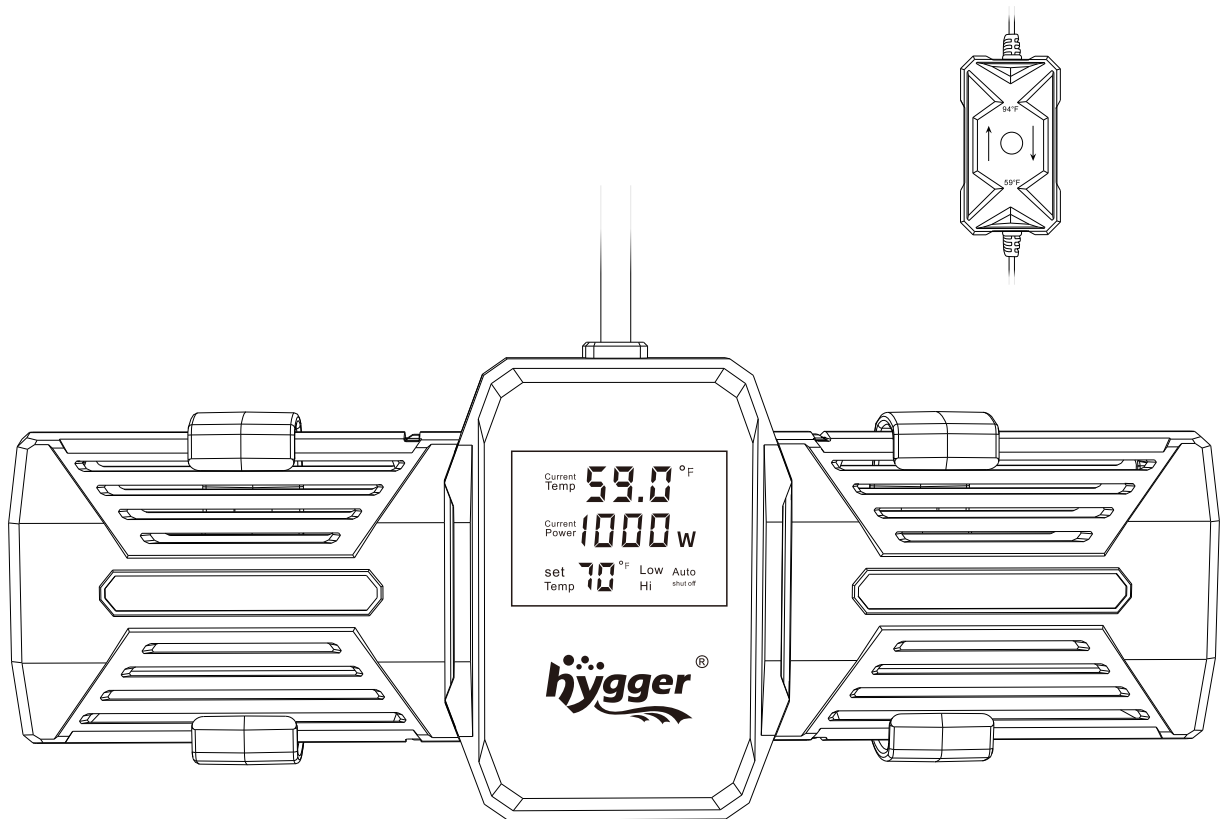




# HG066 USER MANUAL

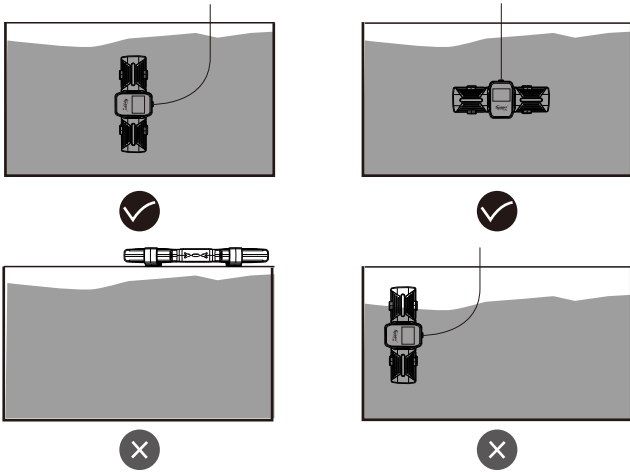
## hygger dual-core frequency conversion heater

hygger's aquarium heater is designed specifically for freshwater aquariums and is an excellent choice to maintain a stable water temperature.



# Attention:

1. Place the hygger heater fully submersible as illustrated in the diagram below.
2. Unplug the heater and wait for 15 minutes before changing water or removing the heater.
3. Please make sure there is enough water flow and circulation in the fish tank when using the heater.



4. Reminder: The controller is not waterproof, please do not expose it to water.

## 1. PRODUCT PARAMETERS

<b>Model No:</b>	HG066		
<b>Power</b>	600W	800W	1000W
<b>Voltage</b>	110V/60Hz		
<b>Cord length</b>	5.9ft+3.9ft	5.9ft+3.9ft	5.9ft+3.9ft
<b>Application</b>	60-120Gal	120-180Gal	180-240Gal
<b>Temp Accuracy</b>	±0.1°F	±0.1°F	±0.1°F
<b>Control Range</b>	59°F~93°F	59°F~93°F	59°F~93°F
<b>Heating Rod Dimension</b>	12.32x5x1.02inch	12.32x5x1.02inch	12.32x5x1.02inch
<b>Temp Controller Dimension</b>	1.97x1.1x0.67inch	1.97x1.1x0.67inch	1.97x1.1x0.67inch

## 2. PACKAGE INCLUDES

- 1× Heater with controller
- 4x Suction cups
- 2x Sucker holders
- 1× User manual

## 3. USER INSTRUCTION

**Step 1:** Ensure the heater is fully submerged before plugging it into an electrical socket.

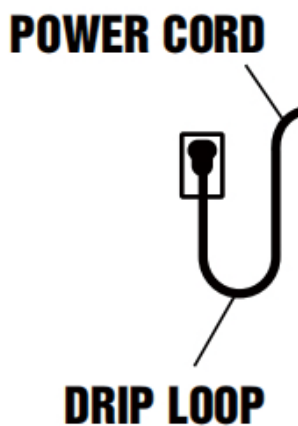
**Step 2:** Upon powering on, the screen will display several parameters including the current power, current temperature, setting temperature, low, hi, and auto shut off. To set the desired temperature, press the “red” button on the controller. The temperature can be set from a low of 59 degrees Fahrenheit to a high of 93 degrees Fahrenheit. If the button is pressed again at the highest temperature, it will return to the lowest temperature to cycle. After setting the desired temperature, the setting temperature will jump 3 times before the heater enters the heating state.

**Step 3:** Please note that if the water temperature falls below 59 degrees Fahrenheit, the code “LL” will be displayed, with “Low” flashing, indicating that the water temperature is too low and needs to be increased to the appropriate temperature. Conversely, if the water temperature exceeds 93 degrees Fahrenheit, the code “HH” will be displayed, with “Hi” flashing, indicating that the water temperature is too high and needs to be lowered.

## 4. 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.

E. To avoid the possibility of the heater plug getting wet, position 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.

## 5. TROUBLESHOOTING

Fault Code	Explanations	Solutions
<b>Auto power off</b>	Power off from lack of water	Ensure the heating rod is fully submerged in water.
<b>HH</b>	Overheat temperature warning	Cool the water to bring it back to a normal temperature.
<b>LL</b>	Low-temperature warning	Heat the water to bring it back to a normal temperature.
<b>EE</b>	Temperature sensor fault	Replace the heater.

## 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 oval heater in the way of water flow and don't bury it.
- ✓ Please place the oval heater submersible fully when it's on duty, unplug the oval heater and wait for 15 minutes before changing water or remove over heater.
- ✓ Please mind that the oval heater can be turned off automatically when exposed to air, but it is the last resort.

## 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 environmental friendly and healthy way.



## 8. CONTACT INFORMATION

E-mail: [service@hygger-online.com](mailto:service@hygger-online.com)

Website: [www.hygger-online.com](http://www.hygger-online.com)