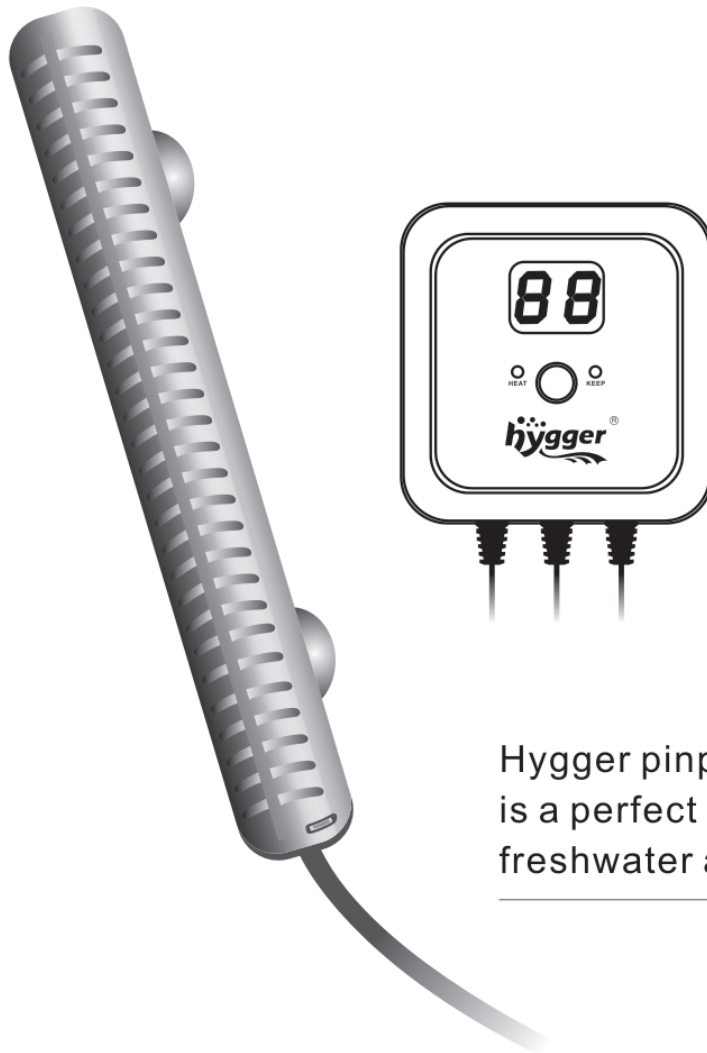




HG-925 USER MANUAL

HYGGER PINPOINT QUARTZ HEATER WITH IC TEMP CONTROLLER



Hygger pinpoint quartz heater
is a perfect aquarium heater for
freshwater and saltwater aquariums.



** Place the heating rod submersible fully when it's on duty, shut off power and wait for 15 minutes before changing water or remove heating tube **

1. PRODUCT FEATURES

Constant temperature function:

When the water temperature reaches the desired temperature value, the insulation indicator light shows green and heater stop heating. When the water temperature value is 2°F less than the desired temperature value, the heating indicator light shows red and heat the water.

Over-temperature alarm function:

When the water temperature reach 36°C (97°C) accidentally, the temperature display screen flicker and the power load will be shut off. When the water temperature is less than 35°C (95°F), the heater will resume normal work automatically.

Abnormal alarm of temperature line:

When the probe line is broken accidentally or short circuit, display screen show fault report error "--", shut off the load power supply and stop heating meanwhile, and after troubleshooting, return to normal operation automatically.

Memory function of power failure:

Once power failure, the heater can still keep the desire temperature value set by the user when it starts again.

2. PRODUCT PARAMETERS

Model No:	HG-925			
Voltage	110-120V/60Hz		220-240V/50Hz	
Power	300W	500W	300W	500W
Cord length	5ft+7ft	5ft+7ft	1.5m+2.1m	1.5m+2.1m
Application	30-60Gal	60-120Gal	115-220L	220-450L
Temp Accuracy	±1°F	±1°F	±1°C	±1°C
Control Range	60°F~90°F	60°F~90°F	16°C~32°C	16°C~32°C
Heater Tube Dimension	7.7"	10.5"	19.5cm	26.5cm

3. PACKAGE INCLUDED

- 1× IC temp controller with temp probe
- 1× Quartz heater tube with sleeve
- 1× User manual

4. INSTRUCTION

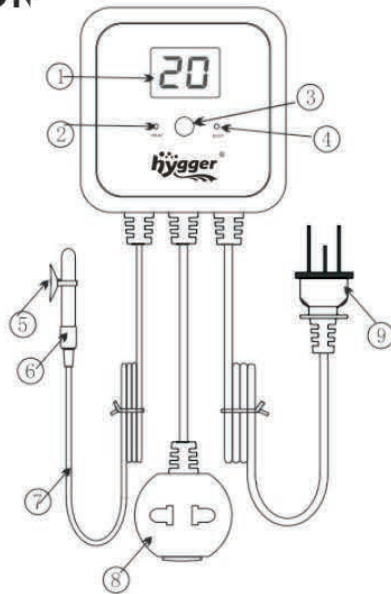


Chart 1

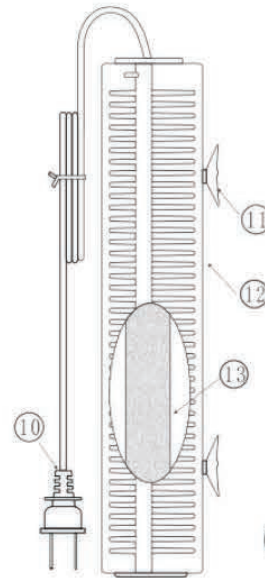
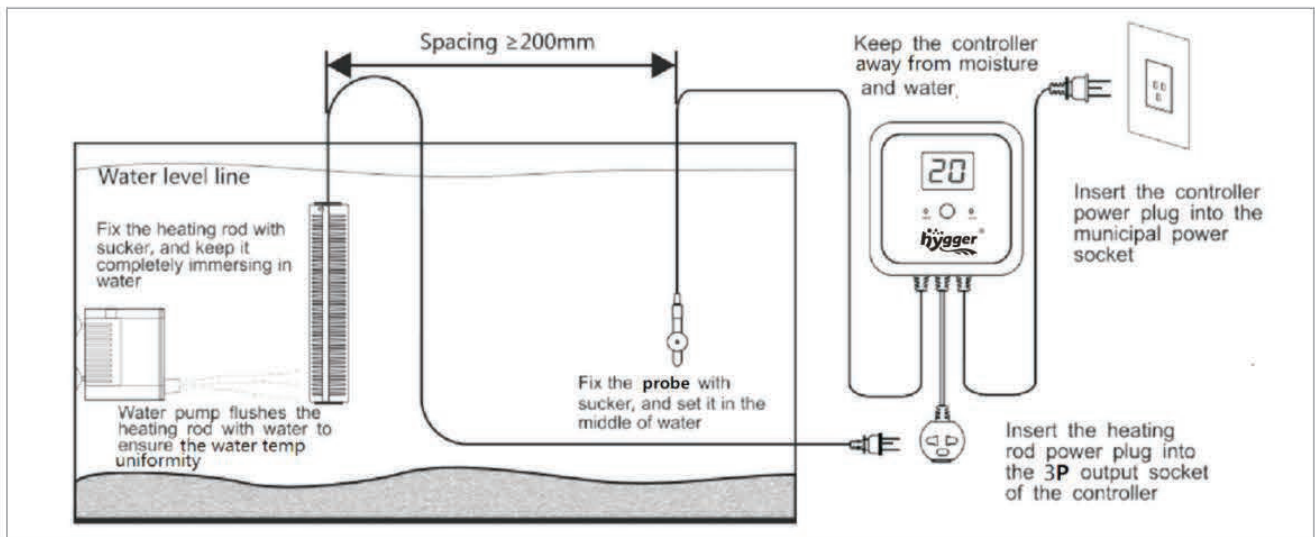


Chart 2

- | | | |
|------------------------|----------------------------|--------------------------------|
| ① Display screen | ⑥ Temp probe | ⑩ Heating tube power plug |
| ② Heating indicator | ⑦ Probe connection line | ⑪ Fixed suction of heater tube |
| ③ Set button | ⑧ 3P output socket | ⑫ Protection sleeve |
| ④ Insulation indicator | ⑨ IC controller power plug | ⑬ Quartz heater tube |
| ⑤ Probe fixed sucker | | |

5. APPLICATION

A. Place the heater as following diagram:



B. Press the “SET” button at a time, then the digital screen flashing, meanwhile the red indicator and green indicator is on. Press the “SET” button until reach your desired temperature value and waiting for 5S, then the digital screen shows water temperature, your setting is done. You can press the “SET” button persistently to display 63~93°F in a cycle.

6.MAINTAINACE

After use of the heater, calcium carbonate contained in algae and breeding water such as moss may clump and adhere to the heater tube.

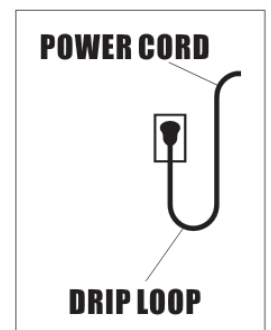
If dirt adheres to the heater tube, use a sponge or cloth and water to wipe it out early. Do not use alcohol or other medicines as this may damage the heater or damage the health of the breeding fish.

When used for a long time with the dirt attached, please be aware that it may cause failure due to the inability to control the temperature correctly.



7. 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 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 be used 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 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 heater is intended FOR HOUSEHOLD USE ONLY.
14. SAVE THIS USER MANUAL.

8.ATTENTIONS:

- ✓ Please check all the items to inspect condition when unboxing the package.
- ✓ Please read the manual carefully. Use and follow the manual strictly.
- ✓ Please note that the Hygger heating tube can not plug to power directly, must be used with the Hygger temp controller together, otherwise accidents are likely to occur.
- ✓ Please keep the Hygger temp controller away from water, it is not waterproof.
- ✓ Please note that the Hygger temp controller can not be matched with other brand heating tube, otherwise, accidents are likely to occur.
- ✓ Please choose the suitable size for aquarium.
- ✓ Please place the heating tube in the way of water flow and don't bury it.
- ✓ Please wait for several minutes before setting the desired temp, just let the temp sensor adapt to water temp.
- ✓ Please place the heating tube submersible fully when it's on duty, unplug the heater and wait for 15 minutes before changing water or remove heating tube.

9.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.



10.CONTACT INFORMATION

E-mail: service@hygger-online.com

Website: www.hygger-online.com

Thank you for choosing Hygger, making aquarium keeping easier one product at a time.

If you have any problems or suggestions for the DC water pump, please contact us by email before leaving feedback or opening a case, it will be the fastest way to solve your problem.

If you are satisfied with the DC water pump, please leave positive feedback for our product, in order to let more customers enjoy it. Thanks again!