hygger HG152

hygger Aquarium Heater HG152: 150W/300W Adjustable Power with Digital Display External Controller User Manual

Brand: hygger | Model: HG152

INTRODUCTION

The hygger Aquarium Heater HG152 is an advanced heating solution designed for both freshwater and saltwater aquariums ranging from 25 to 80 gallons. This heater features adjustable power settings (150W/300W), an intuitive LED digital display with an external controller for precise temperature management, and multiple security protections to ensure the safety of your aquatic environment. Its robust design incorporates an ABS anti-scald shell, nickel-chromium heating wire, strong suction cups, and explosion-proof quartz glass for durability and reliability.

SETUP INSTRUCTIONS

Proper installation is crucial for the safe and efficient operation of your hygger aquarium heater. Follow these steps carefully:

1. **Unpack Components:** Carefully remove the heater, external controller, and suction cups from the packaging.
2. **Attach Suction Cups:** Securely attach the provided suction cups to the heater body.
3. **Position Heater:** Place the heater fully submerged inside your aquarium. Ensure it is positioned vertically or horizontally in an area with good water circulation. Use the suction cups to firmly attach it to the tank glass.
4. **Position Controller:** Mount the external controller outside the aquarium, in a dry location where it is easily accessible and visible. Use the additional suction cup to secure the controller's cable, ensuring no part of the controller or its connections are submerged in water.
5. **Connect Power:** Plug the heater's power cord into the external controller, then plug the controller's power cord into a standard 110-120V electrical outlet.
6. **Allow Stabilization:** Allow the heater to remain submerged for at least 15 minutes before plugging it into the power outlet to equalize its temperature with the aquarium water.
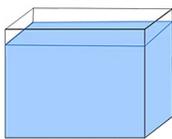
Image: The hygger aquarium heater with its external digital controller, illustrating adjustable power settings suitable for various tank sizes (150W for 25-52 gallons, 300W for 52-80 gallons).
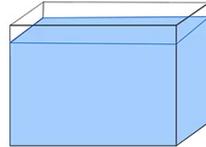
Image: Illustration of the anti-dry running function. The heater automatically shuts off and sounds an alarm if not fully submerged, preventing damage and ensuring safety.

OPERATING INSTRUCTIONS

The external digital controller provides easy and precise control over your aquarium's temperature.

- **LED Digital Display:** The display shows the current water temperature, the set target temperature, the current operating power (150W/300W), and any error codes. A red light indicates active heating, while a white light signifies that the water is at a constant temperature.

- **Adjusting Temperature:** Press the 'Set Temp' button to adjust the target temperature. The temperature adjustment range is 59°F to 93°F. Each press typically adjusts the temperature by 0.5°F.

- **Adjusting Power:** Press the 'Set Power' button to switch between 150W and 300W power options, depending on your aquarium size and heating needs.

- **Safety Protections:** The heater is equipped with multiple safety features:

  - **Off-Water Warning:** Automatically cuts off power if the heater leaves the water, preventing dry running.
  - **Over-Temperature Warning:** Stops heating if water temperature exceeds 94°F to prevent overheating.
  - **Low-Temperature Warning:** Sounds an alarm and continues heating if water temperature drops below 59°F.

Image: Detailed view of the LED digital display controller, showing current water temperature, working power, set temperature, heating indicator, and error codes.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your heater:

- **Unplug Before Handling:** Always unplug the heater from the power outlet before performing any water changes, cleaning, or handling the unit.

- **Cool Down Period:** Allow the heater to cool down for at least 15 minutes after unplugging and before removing it from the water to prevent burns or damage.

- **Cleaning:** Gently wipe the heater's surface with a soft cloth to remove algae or mineral buildup. Do not use harsh chemicals or abrasive materials.

- **Submersion:** Ensure the heating rod remains fully submerged in water during operation.

TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

| Error Code	Explanation	Solution
Auto Shut Off	The heater is not fully submerged.	Submerge the heater completely.
HH	The water temperature has reached 94°F or higher.	Heater automatically stops heating. Remove heater, shake it, and reinstall if issue persists.
LL	The water temperature is below 59°F.	Heater continues heating and sounds an alarm. Raise the water temperature.
EE	Sensor fault.	Return to the seller for assistance.

SPECIFICATIONS

- **Model Number:** HG152

- **Power Options:** 150W/300W Adjustable Power

- **Voltage:** 110-120V

- **Heater Length:** 11.2 inches

- **Power Cord Length:** 3.9ft (heater to controller) + 6.2ft (controller to plug)

- **Temperature Adjustment Range:** 59°F - 93°F (15°C - 34°C)

- **Temperature Tolerance:** ±1°F

- **Item Dimensions (LxWxH):** 11.2 x 2.9 x 4.33 inches

- **Item Weight:** 2.35 pounds

- **Material:** Plastic, Quartz glass, Nickel-chromium wire

- **Application:** Suitable for 25-80 Gallons Freshwater and Saltwater Tanks
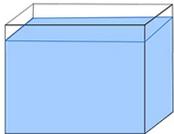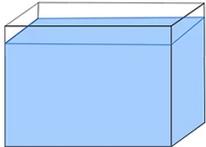
Image: Close-up view of the heater's construction, highlighting the ABS anti-scald shell, nickel-chromium heating wire, strong suction cups, and explosion-proof quartz glass for enhanced safety and durability.

WARRANTY

This hygger Aquarium Heater comes with a **2-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

SUPPORT

If you encounter any issues with your hygger Aquarium Heater or require assistance, please do not hesitate to contact us. We are committed to providing timely and effective after-sale service to ensure your satisfaction.