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> [Hygger 50W/100W Mini Adjustable Aquarium Heater with External Digital LED Controller - User Manual](#)

hygger 916-100w

Hygger 50W/100W Mini Adjustable Aquarium Heater

Model: 916-100W

[Overview](#) [Components](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. PRODUCT OVERVIEW

The Hygger Mini Adjustable Aquarium Heater is designed to maintain stable water temperatures in small aquariums, providing a warm and comfortable environment for various aquatic life, including bettas and turtles. Its compact design and external digital controller ensure ease of use and safety.

Key Features:

- Compact Design:** Small form factor with a protective plastic casing.
- External Temperature Controller:** Easy temperature adjustment without getting hands wet.
- LED Digital Display:** Shows real-time water temperature.
- Integrated Thermometer:** Sensitive to water temperature changes.
- Automatic Shut-off:** Safety feature that activates if the heater is out of water (E1 error) or if water temperature exceeds 35°C (HH error).
- Memory Function:** Retains temperature settings after a power outage.
- Versatile Use:** Suitable for freshwater and saltwater aquariums, including glass, acrylic, or plastic tanks of various shapes.
- Secure Mounting:** Equipped with two strong suction cups for firm attachment to the tank.

2. PACKAGE CONTENTS

- 1 x Aquarium Heater
- 2 x Suction Cups
- 1 x User Manual

Other Features



Image: Detailed view of the heater's components, including the ABS heater guard, nickel-chromium heating wire, quartz glass tube, and suction cups.

3. SETUP INSTRUCTIONS

- Placement:** Ensure the heater is fully submerged in water. Use the two strong suction cups to securely attach the heater to the inside wall of your aquarium.
- Avoid Obstructions:** Do not bury the heater under gravel or sand. Ensure it is not directly touching any decorations or other equipment that could impede heat distribution.
- Power Connection:** Plug the heater into a suitable power outlet. The external controller will display the current water temperature.

How to Install Aquarium Heater?

Please NOTE:

- Keep heater fully submerged in water.
- Don't bury the heater under gravels or sands.
- Don't take the heater out of water directly when it's heating.

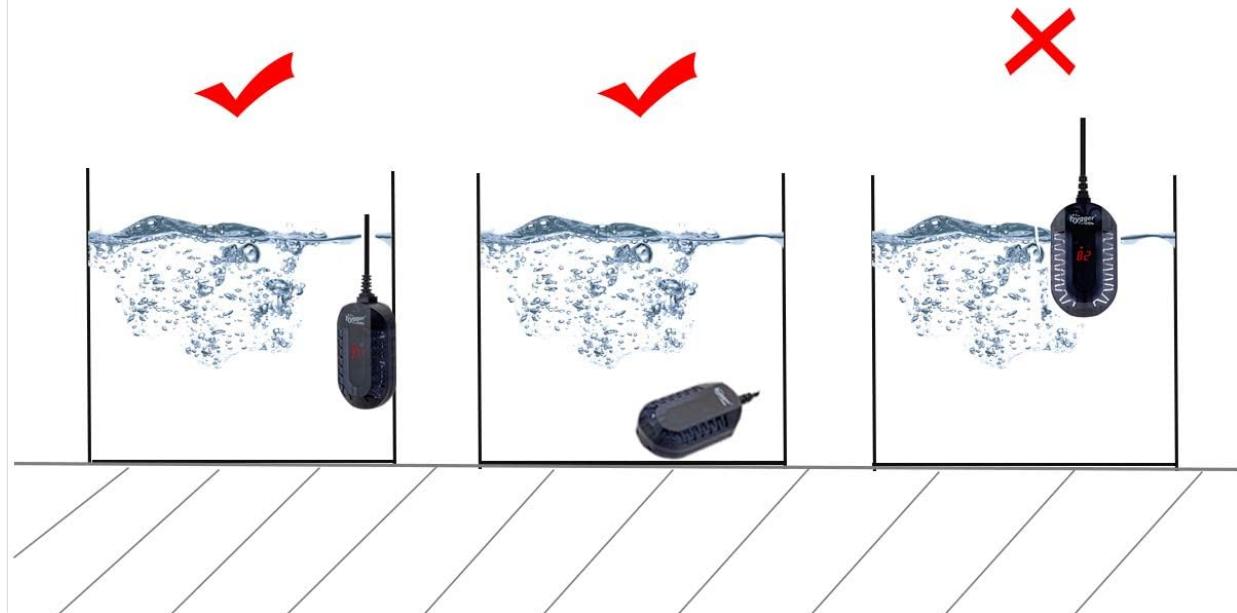


Image: Visual guide for proper heater installation, emphasizing full submersion and avoiding burial in substrate.

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Video: Demonstrates the installation process of the aquarium heater, showing how to place it in the water flow for accurate temperature readings and how to secure it.

4. OPERATING INSTRUCTIONS

- Setting Temperature:** Press the 'SET' button on the external controller repeatedly until your desired temperature is displayed. The temperature range is 17°C to 34°C.
- Confirmation:** Stop pressing the button and wait for the displayed digit to flash three times. This indicates that the temperature setting is saved. The heater will then regulate the water temperature to this set point.
- Heating Indicator:** A red light on the heater indicates that it is actively heating. Once the set temperature is reached, the heating will stop automatically.
- Power Outage Memory:** The heater features a memory function, retaining your last set temperature even after a power interruption.



Image: Close-up of the external temperature controller, illustrating the LED display and the 'SET' button for temperature adjustment.

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Video: Shows the digital display and how to set the desired temperature using the external controller. It also demonstrates the heating indicator light.

5. MAINTENANCE

Regular cleaning of your aquarium heater is essential for optimal performance and longevity. Always unplug the heater and allow it to cool completely before handling.

- Cleaning the Heater:** Gently wipe the heater's surface with a soft cloth to remove algae or mineral buildup. Avoid using harsh chemicals or abrasive materials that could damage the protective casing.
- Suction Cups:** Periodically check the suction cups for wear and tear. Replace them if they lose their grip to ensure the heater remains securely in place.

The heater's design with a protective plastic shell helps prevent direct contact with the heating element, making it safer for fish and easier to clean.

6. TROUBLESHOOTING

The Hygger aquarium heater is equipped with safety features that display error codes in certain situations:

- E1 Error:** This indicates the heater is out of water. The heater will automatically shut off to prevent dry burning.
- HH Error:** This indicates the water temperature is above 35°C. The heater will automatically stop heating to prevent overheating.

Solutions:

- For E1 Error:** Ensure the heater is fully submerged in water. Once fully submerged, it will resume normal operation.
- For HH Error:** Check the aquarium's ambient temperature and ensure proper ventilation. The heater will resume normal operation once the water temperature drops below 34°C.
- General Issues:** If the heater is not functioning as expected, ensure it is properly plugged in and that the power outlet is working. Verify that the temperature setting is appropriate for your aquarium.

Safe & Reliable Aquarium Heater

It will auto shut off when the heater is out of water. And turn normal when fully in water again.

When the water temp is over 35°C, the heater will stop heating. And turn normal when water temp is lower than 34°C.

Led display E1



Led display HH



Image: Visual representation of E1 (out of water) and HH (overheating) error codes displayed on the heater's LED screen.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	916-100w
Power Options	50W / 100W
Plug Type	EU Plug
Temperature Range	17°C to 34°C
Aquarium Size (50W)	1 - 25 Liters
Aquarium Size (100W)	25 - 50 Liters
Heater Dimensions	16 x 13 x 5 cm (approx.)
Cable Length	1.5 meters
Material	High-quality quartz glass, double waterproof seal, protective plastic casing

Feature	Detail
Color	Black

Compact Heater For Small Fish Tank

Voltage: 220-240V/ 50-60HZ

Heater dimension: 2.7x1.4x 4.5 inch

50W for

25-40L

100W for

50-90L



Suitable Fish Tanks

Can be used in glass, acrylic, plastic tank, fish bowl or square tank.



round tank



square tank

Image: Guide for selecting the appropriate heater wattage based on aquarium volume, and examples of compatible tank shapes.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Hygger website. Keep your purchase receipt as proof of purchase.