

fishkeeper FK082-25W

fishkeeper FK082-25W Aquarium Heater User Manual

Model: FK082-25W

1. INTRODUCTION

Thank you for choosing the fishkeeper FK082-25W Aquarium Heater. This compact and powerful submersible heater is designed to maintain a stable temperature in small aquariums, ensuring a healthy environment for your aquatic pets. It features an external LED digital display for easy temperature control and monitoring, along with multiple safety protections.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before use to prevent injury or product damage.

- **Full Submersion Required:** The heater must be fully submerged in water at all times when powered on. Operating the heater out of water will trigger dry-burn protection (E1 error) and can cause damage.
- **Power Off Before Handling:** Always unplug the heater from the power outlet before performing any maintenance, water changes, or handling the heater unit.
- **Overheat Protection:** The heater is equipped with an automatic overheat shutdown feature to prevent excessive temperatures.
- **Low Water Level Sensor:** A built-in sensor detects low water levels and automatically stops heating, emitting an alarm and displaying "E1" to ensure safety.
- **Durable Construction:** Made with explosion-proof quartz glass for enhanced safety and longevity.
- **Voltage Compatibility:** Ensure your power supply matches the heater's voltage requirements (100-130V).
- **Children and Pets:** Keep the heater and its power cord out of reach of children and pets.
- **Damage Inspection:** Do not operate the heater if the cord or unit is damaged. Contact customer support for assistance.

3. PACKAGE CONTENTS

- fishkeeper FK082-25W Aquarium Heater Unit
- External Digital Temperature Controller
- Suction Cups (2 pieces)

4. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove all components from the packaging. Inspect the heater and controller for any signs of damage.
2. **Placement:** Attach the two suction cups to the heater unit. Position the heater vertically or horizontally inside your aquarium, ensuring it is fully submerged in water. The heater should be placed in an area with good water circulation to ensure even heat distribution.
3. **Secure Controller:** Position the external digital controller outside the aquarium in a dry, easily accessible location.
4. **Connect to Power:** Plug the heater's power cord into a suitable electrical outlet (100-130V). The LED display on the controller will illuminate.

Install Precaution


-  1.The aquarium heater must be fully submerged in the water and not be exposed to the surface
- 2.When changing the water in the fish tank, please unplug the power switch first!



Image: Correct installation shows the heater fully submerged, while incorrect installation shows it partially exposed or out of water.



Image: The heater is shown installed in an aquarium with the external controller visible, indicating easy operation.

5. OPERATING INSTRUCTIONS

1. **Power On:** Once plugged in, the LED display will show the current water temperature.
2. **Set Temperature:** Press the "SET" button on the external controller. The temperature display will flash. Use the up/down arrows (if available, or repeated presses of SET if it cycles) to adjust the desired temperature. The adjustable range is 59-93°F (15-34°C). After setting, the display will flash a few times and then return to showing the current water temperature.
3. **Switch Temperature Units:** To switch between Fahrenheit (°F) and Celsius (°C), press and hold the "SET" button for approximately 3-5 seconds.
4. **Memory Function:** The heater features a memory function. In case of a power outage, the heater will automatically resume heating to the last set temperature once power is restored, without requiring reprogramming.

Memory Function

The controller will keep the previous setting when the power failed.No resetting is required.



Image: The controller is shown before, during, and after a simulated power failure, illustrating that the temperature setting is retained.

6. MAINTENANCE

- **Cleaning:** Periodically clean the heater unit to remove algae or mineral buildup. Always unplug the heater and allow it to cool completely before removing it from the water for cleaning. Use a soft brush or cloth and aquarium-safe cleaning solutions if necessary.
- **Water Changes:** Before performing any water changes in your aquarium, always unplug the heater to prevent dry burning.
- **Regular Inspection:** Routinely check the heater unit and power cord for any signs of wear, cracks, or damage. If any damage is observed, discontinue use immediately and contact customer support.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Heater not heating / Display off	No power; Heater unplugged; Power outage.	Check power connection; Ensure outlet is functional.
"E1" error displayed	Heater is not fully submerged; Low water level; Dry burning protection activated.	Unplug the heater, check water level, ensure heater is fully submerged, then plug back in.
Temperature fluctuates significantly	Poor water circulation; Heater too small for tank size; External factors (room temperature).	Ensure good water flow around the heater; Verify heater wattage is appropriate for tank volume; Consider ambient room temperature.
Heater not reaching set temperature	Set temperature too high for ambient conditions; Heater malfunction.	Allow sufficient time for heating; Ensure heater is correctly sized for the tank; If problem persists, contact support.

8. SPECIFICATIONS

Feature	Specification
Model Number	FK082-25W
Power	25W
Recommended Tank Size	1-5 Gallons (approx. 4-15 Liters)
Temperature Control Range	59-93°F (15-34°C)
Voltage	100-130V / 60Hz
Temperature Accuracy	±1°C
Heater Dimensions (approx.)	4.72 inches (length) x 0.86 inches (diameter)
Controller Dimensions (approx.)	3.3 x 1.8 x 4 cm
Cord Length (approx.)	0.82 meters (2.7 feet)



Image: Visual representation of heater and controller dimensions, along with a table of specifications for various wattages.



Freshwater Tank



Saltwater Tank



Turtle Tank



Aquarium Market

Image: Examples of tank types where the heater can be used, including freshwater, saltwater, turtle tanks, and general aquarium setups.

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact your retailer. If you encounter any issues or have questions regarding the fishkeeper FK082-25W Aquarium Heater, please contact our customer support team for assistance. Our team is dedicated to providing reliable support and solutions.

Contact Information: Please refer to the contact details provided on your purchase receipt or the official fishkeeper website.