JULIAQUA E-100W

JULIAQUA Aquarium Heater E-100W User Manual

Model: E-100W

1. Introduction

Thank you for choosing the JULIAQUA Aquarium Heater E-100W. This heater is designed to maintain a stable and optimal temperature in your aquarium, ensuring a healthy environment for your aquatic life. It features precise temperature control, energy-saving operation, and safety mechanisms. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of the product.
This E-100W model is specifically designed for aquariums with a capacity of 20 to 80 liters. It is suitable for both freshwater and saltwater aquariums and operates on AC220-240V 50-60Hz.

2. Safety Information

- Always unplug the heater from the power outlet before performing any maintenance, water changes, or handling the heater.
- Ensure the heater is fully submerged in water before plugging it in. Operating the heater out of water can cause damage to the unit and pose a fire hazard.
- The external controller is **NOT waterproof**. Keep it dry and away from water splashes.
- Before initial use, inspect the heater for any signs of damage. Do not use if damaged.
- Keep the power cord and controller away from children and pets.
- This heater is equipped with overheat protection to prevent damage to aquatic life.
- Ensure the voltage and frequency of your power supply match the specifications of the heater (AC220-240V 50-60Hz).

3. Product Features

- **Precise Temperature Control:** Adjustable temperature range from 18°C to 35°C.
- **Energy Saving:** Automatic on/off function to maintain target temperature and conserve energy.
- **Digital Display:** External controller shows current water temperature and target temperature.
- **Overheat Protection:** Built-in safety feature to prevent excessive heating.
- **Off-Water Protection:** Automatically shuts off if not fully submerged.
- **Durable Construction:** Insulated and encapsulated design, suitable for both fresh and saltwater.
- **Compact Design:** Space-saving design for various aquarium setups.

- **Removable Honeycomb Protective Case:** Provides protection and is easy to clean.

Visual representation of key features including temperature accuracy, off-water protection, quartz heating element, LED digital display, external temperature control, and protective housing.

4. Setup Instructions

1. **Unpack and Inspect:** Carefully remove the heater from its packaging. Check for any visible damage. If any damage is found, do not proceed with installation and contact customer support.
2. **Placement in Aquarium:**
   - Attach the heater to the inside wall of your aquarium using the provided suction cups.
   - Ensure the heater is fully submerged in water. It can be placed vertically or horizontally, as long as it is completely underwater.
   - For optimal temperature accuracy, position the heater near the water outlet or in an area with good water circulation.

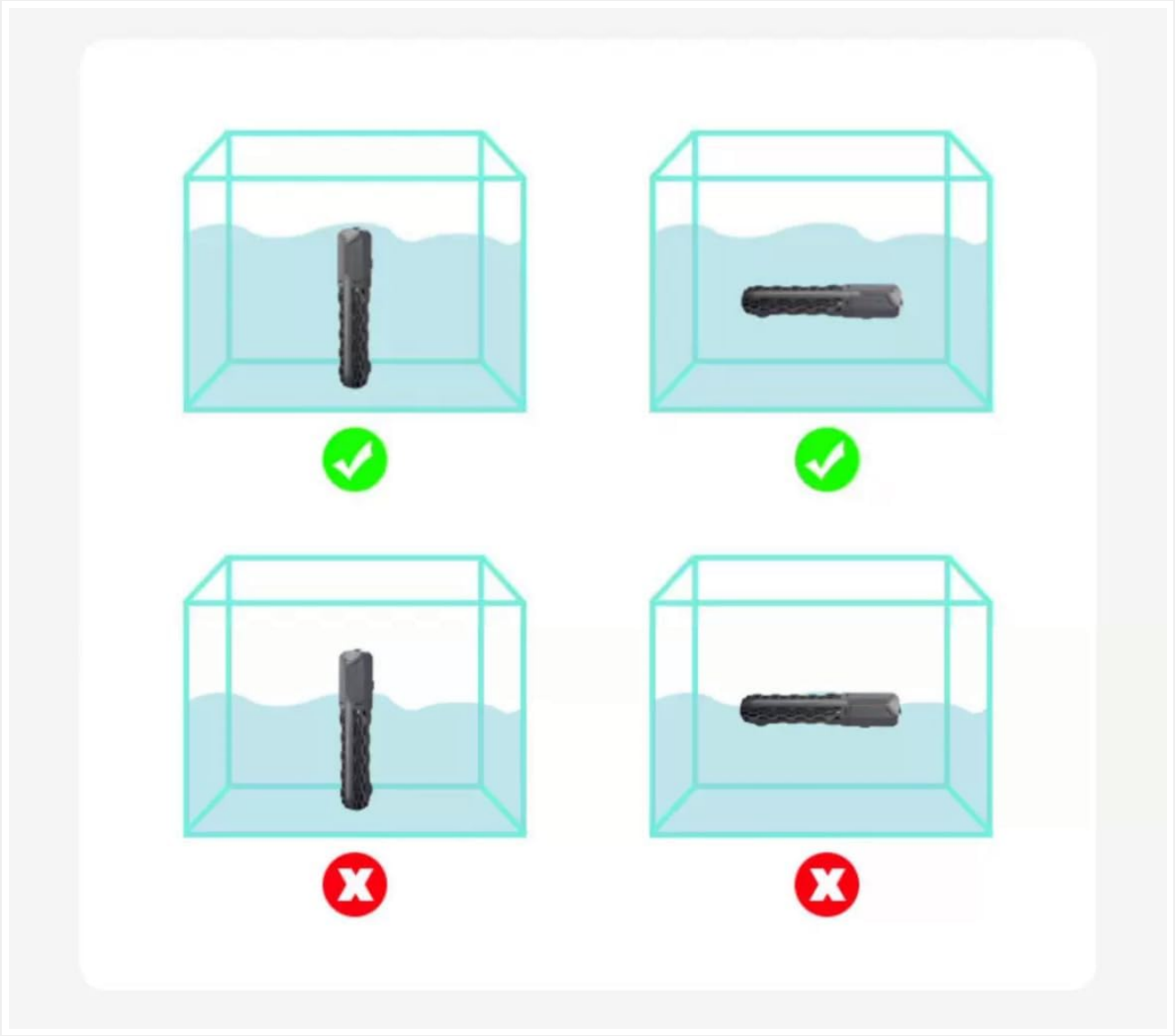
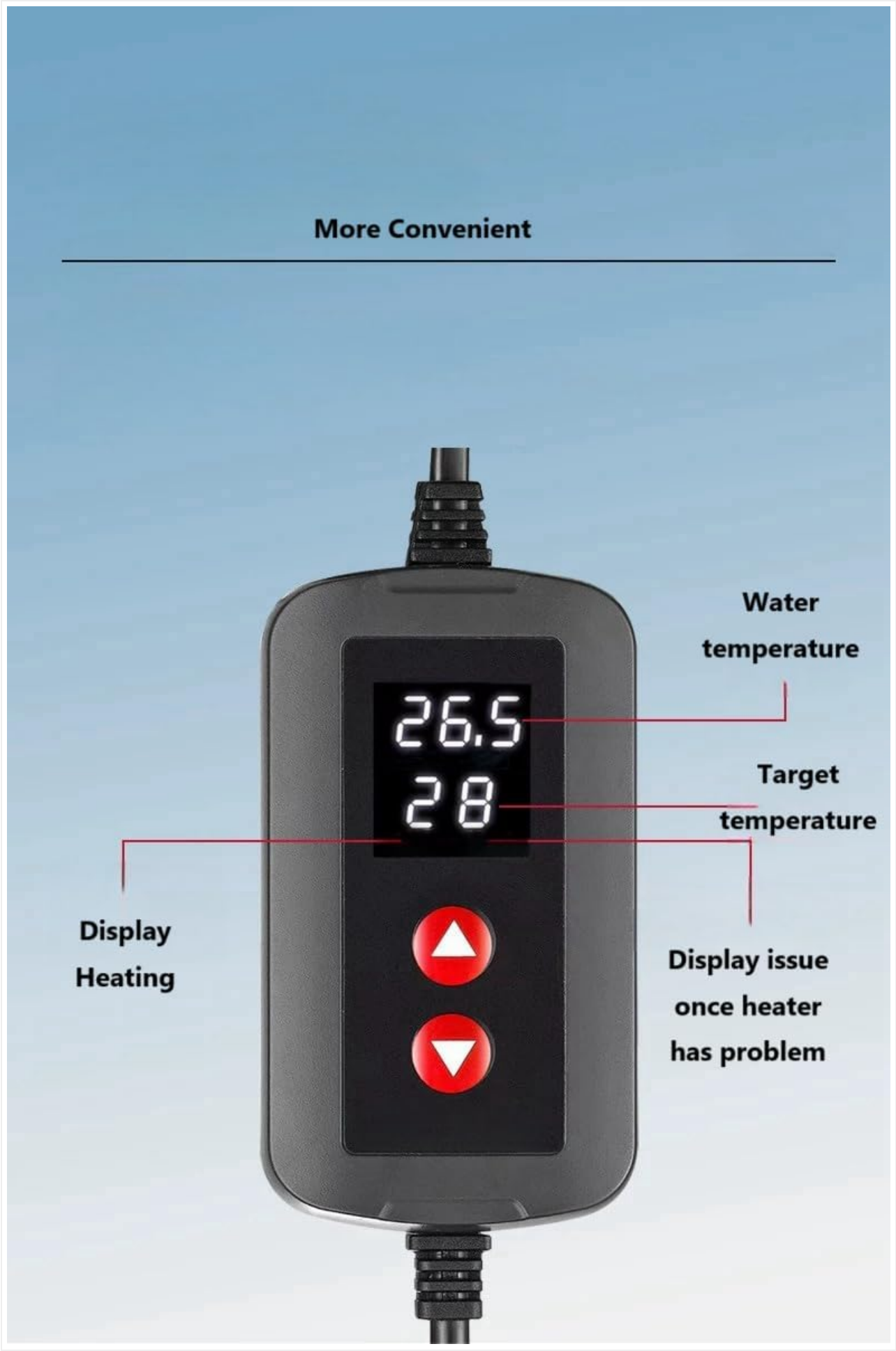


Illustration of correct and incorrect heater placement for safe and effective operation.

3. **Connect Power:** Once the heater is securely placed and fully submerged, connect the power plug to a suitable electrical outlet (AC220-240V 50-60Hz).

5. Operating Instructions

1. **Power On:** After plugging in, the digital display on the external controller will illuminate. It will show the current water temperature and the set target temperature.
2. **Set Target Temperature:**
    - Press the **Up** (▲) or **Down** (▼) buttons on the controller to adjust the desired target temperature. The adjustable range is 18°C to 35°C.
    - The display will show the target temperature flashing briefly, then revert to showing the current water temperature.



External controller displaying current and target temperatures, with control buttons.

3. **Automatic Heating:** The heater will automatically turn on when the water temperature falls below the set target temperature and turn off once the target temperature is reached. This automatic operation helps save energy.

4. **Monitoring:** Regularly check the digital display to ensure the water temperature is stable and within the desired range.

6. Maintenance

- **Cleaning:** Periodically clean the heater surface to prevent algae buildup, which can affect heating efficiency. Always unplug the heater and allow it to cool before removing it from the water for cleaning. Use a soft brush or cloth to gently remove debris. Do not use harsh chemicals.
- **Protective Case:** The honeycomb protective case is removable for easier cleaning.
- **Suction Cups:** Check the suction cups regularly to ensure they are securely holding the heater in place. Replace if they lose their grip.
- **Controller Care:** Keep the external controller dry at all times. Do not immerse it in water.

7. Troubleshooting

If you encounter issues with your JULIAQUA Aquarium Heater, refer to the following table:

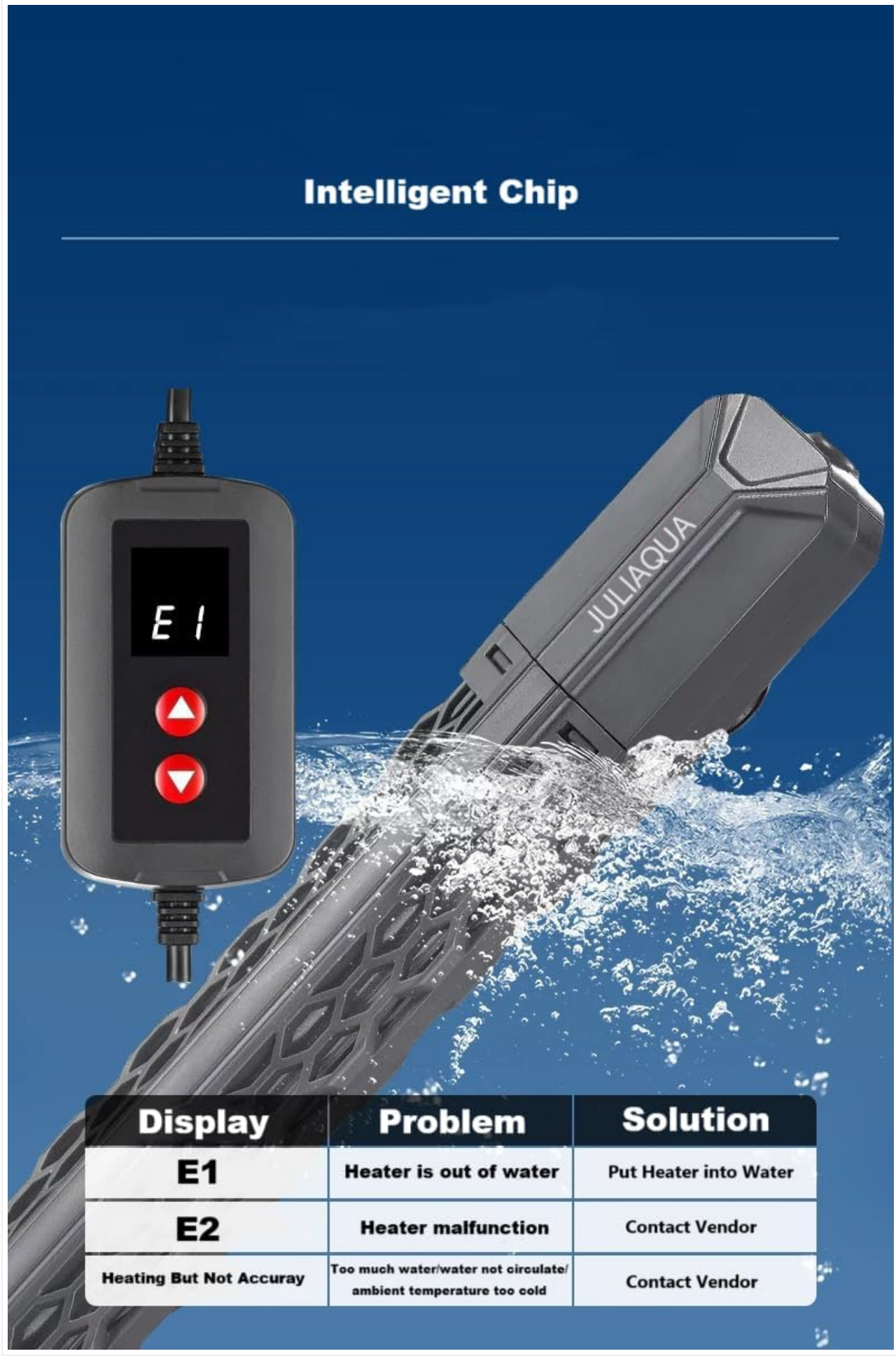
Display	Problem	Solution
E1	Heater is out of water.	Ensure the heater is fully submerged in water.
E2	Heater malfunction.	Unplug the heater, wait a few minutes, then plug it back in. If the error persists, contact customer support.
Heating but not accurate	Insufficient water circulation or ambient temperature too low.	Ensure the heater is placed in an area with good water flow. If the ambient temperature is significantly lower than the target temperature, consider a higher wattage heater for your tank size.



Troubleshooting guide for common error displays and issues.

8. Specifications

Feature	Specification (E-100W Model)
Power	100W
Aquarium Capacity	20-80 Liters
Temperature Range	18°C - 35°C
Voltage	AC220-240V 50-60Hz
Heater Dimensions (L x W x H)	21 x 4 x 3 cm
Cable Length	1.3 m
Water Type Compatibility	Freshwater and Saltwater
Safety Features	Overheat Protection, Off-Water Protection
Controller	External Digital Display (Not Waterproof)



Detailed specifications for various JULIAQUA aquarium heater models, including the E-100W.

9. Warranty and Support

The JULIAQUA Aquarium Heater comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

If you encounter any problems, have suggestions, or require assistance with your product, please do not hesitate to contact JULIAQUA customer support.

Contact Information: Please refer to the contact details provided with your product packaging or visit the official JULIAQUA website for support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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