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› SEAOURA Submersible Fish Tank Heater 75W - Instruction Manual

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Brand: SEAOURA | **Model:** 75W

1. OVERVIEW

Thank you for choosing the SEAOURA 75W Submersible Fish Tank Heater. This heater is designed to maintain a stable and optimal temperature for your aquatic pets in both freshwater and saltwater environments. Featuring an explosion-proof quartz heating tube, a plastic protective cover, and an external LED temperature controller, it offers reliable and safe heating for 7-20 gallon tanks.



Figure 1: SEAOURA 75W Submersible Fish Tank Heater with external temperature controller.

2. SAFETY INFORMATION

- **Full Submersion:** The heating rod must be fully immersed in water at all times during operation. Operating the heater out of water can cause damage and pose a safety risk.
- **Overheat Protection:** The heater features an automatic overheat protection function. If the water temperature exceeds 99°F (37°C), the display will show 'HH' and the heater will automatically shut off.
- **Dry-Run Protection:** The heater automatically stops heating if the water level is too low, preventing dry burning.
- **Protective Cover:** A plastic protective cover is included to prevent direct contact between aquatic life and the heating element, ensuring their safety.

- **Power Disconnection:** Always unplug the heater from the power outlet before performing any maintenance, cleaning, or handling the heater.
- **Voltage:** Ensure your power supply matches the heater's rated voltage of 110-120V.



Figure 2: Safety features of the SEAOURA heater, including overheat and dry-run protection.

3. PRODUCT FEATURES

- **Explosion-Proof Quartz Tube:** Constructed with a durable quartz heating tube for enhanced safety and reliability.
- **External LED Controller:** A multi-function LED digital display shows the current water temperature and allows for easy adjustment of the set temperature.
- **Accurate Temperature Sensor:** Measures temperature accurately to $\pm 1^{\circ}\text{F}$.
- **Temperature Unit Conversion:** Easily switch between Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$) by pressing the '+' and '-' keys simultaneously for 3 seconds.
- **Heating Indicator:** A red light indicates active heating, while a green light signifies that the desired temperature has been reached and is being maintained.
- **Compact Design:** The heater's compact size (4.7 inches in length) and strong suction cups allow for

flexible placement within the aquarium.

- **Versatile Use:** Suitable for both freshwater and saltwater aquariums, ideal for turtles, bettas, and tropical fish.

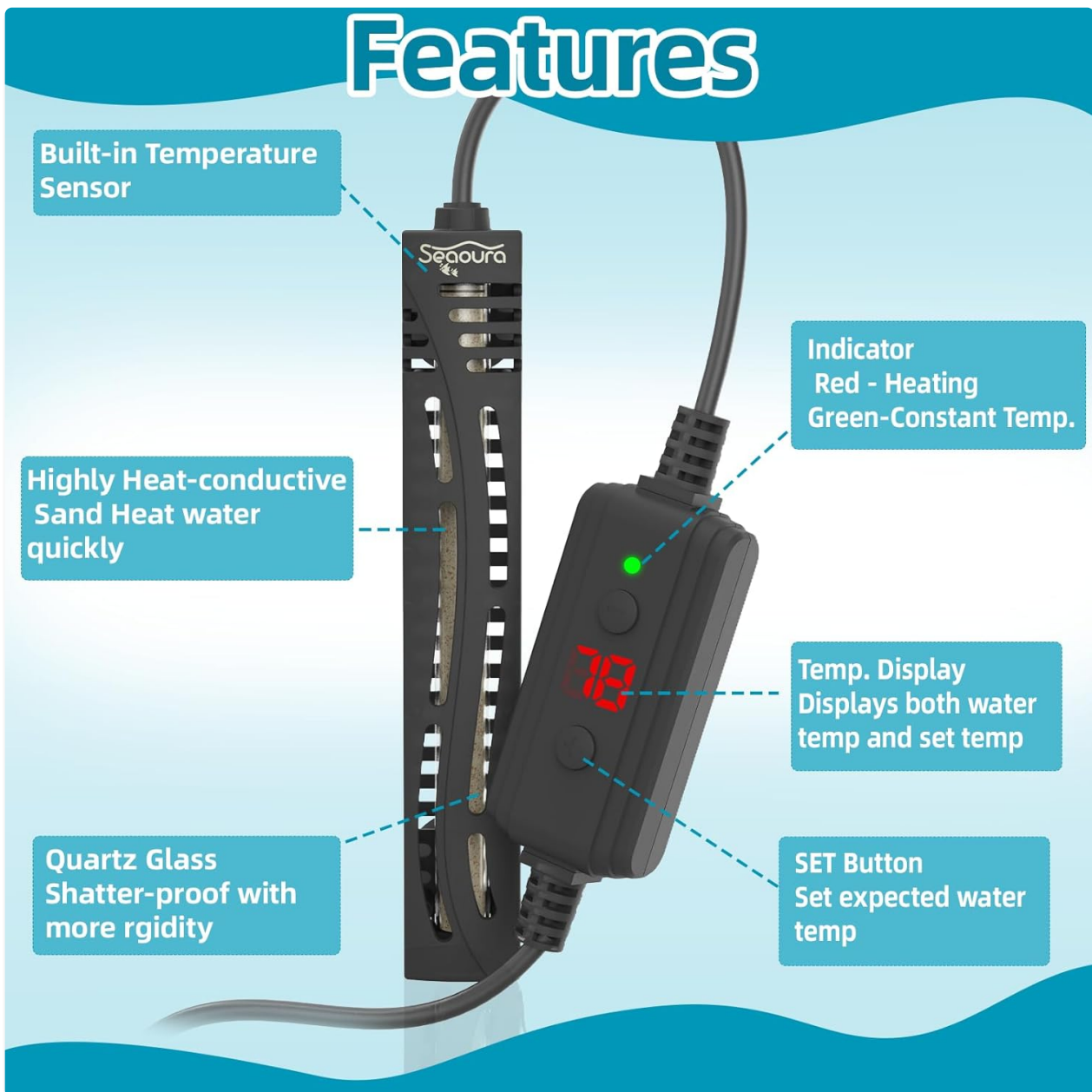


Figure 3: Detailed view of the heater's components and features.

4. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the heater and all accessories from the packaging. Inspect for any damage.
2. **Attach Suction Cups:** Secure the provided suction cups to the heater body.
3. **Placement:** Position the heater fully submerged in your aquarium. For optimal heat distribution, place it in an area with good water circulation, such as near a filter outlet or pump. Ensure the heater is not buried in the substrate.
4. **Secure:** Use the suction cups to firmly attach the heater to the inner wall of the aquarium.
5. **Connect Power:** Plug the heater's power cord into a suitable 110-120V power outlet.

Installation method:

Fully immerse in water. If it's static water, please place it at the bottom of the aquarium.
If it's dynamic water, please place it in a location with strong water circulation.

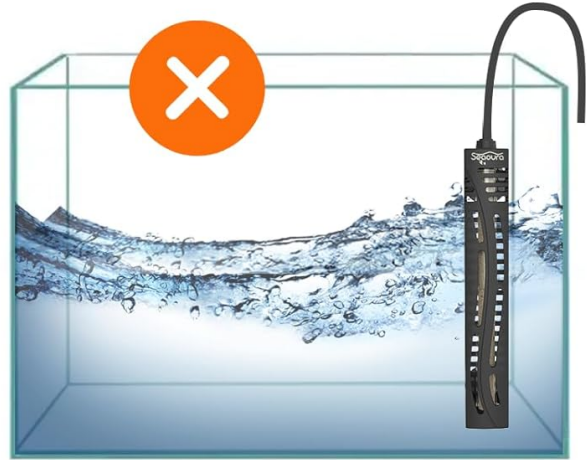


Figure 4: Correct installation methods for the submersible heater.



Figure 5: Examples of heater placement in different aquarium setups.

Video: Heater Installation and Temperature Control Demonstration

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Video 1: This video demonstrates the installation process of a similar aquarium heater and how to adjust its temperature settings using an external controller.

5. OPERATING INSTRUCTIONS

1. **Power On:** Once plugged in, the LED display on the external controller will show the current water temperature.
2. **Set Temperature:** Use the '+' and '-' buttons on the controller to adjust the desired water temperature. The set temperature range is 59-95°F (15-35°C). Each press adjusts the temperature by 1°F or 1°C.
3. **Monitor Heating:** The red indicator light on the controller signifies that the heater is actively heating the water. Once the set temperature is reached, the light will turn green, indicating that the heater is maintaining a constant temperature.
4. **Change Temperature Unit:** To switch between Fahrenheit (°F) and Celsius (°C), press and hold both

the '+' and '-' buttons simultaneously for 3 seconds.



Figure 6: External controller displaying temperature and indicator lights.

Video: Setting and Monitoring Aquarium Temperature

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Video 2: This video illustrates how to set the desired temperature and observe the heater's operation in an aquarium environment.

6. MAINTENANCE

- **Cleaning:** Periodically clean the heater surface 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.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, fraying, or kinks. Do not use the heater if the cord is damaged.
- **Submersion Check:** Always ensure the heater remains fully submerged in water. If the water level drops, refill the tank to the appropriate level.

7. TROUBLESHOOTING

- **Heater Not Heating:**
 - Check if the heater is properly plugged into a functional power outlet.
 - Ensure the heater is fully submerged in water.
 - Verify that the set temperature is higher than the current water temperature.
 - Check the indicator light: if it's green, the set temperature has been reached.
- **'HH' Display:** This indicates that the water temperature has exceeded 99°F (37°C) or the water level is too low. The heater has automatically shut off for safety. Check the water level and temperature. Allow the water to cool naturally or perform a partial water change if necessary.
- **Inaccurate Temperature Reading:** Allow the heater to operate for at least 72 hours to stabilize the tank temperature and for the sensor to acclimate. If discrepancies persist, compare with a separate, reliable aquarium thermometer.

8. SPECIFICATIONS

Feature	Specification
Model	75W
Tank Size Compatibility	7-20 Gallons
Voltage	110-120 V
Power Cord Length	6.3 FT
Heater Length	4.7 Inch
Temperature Accuracy	±1°F
Temperature Control Range	59-95°F (15-35°C)
Heating Element	Explosion-proof Quartz Tube
Materials	Plastic, Quartz Glass

SIZE CHART

Choose right wattage aquarium heater according to the size chart



Model	SR-308			
Voltage	110-120V/60Hz			
Power	25W	50W	75W	100W
Cord length	4.2ft	4.2ft	4.2ft	4.2ft
Application	1-6Gal	5-15Gal	7-20Gal	10-25Gal
Temp Accuracy	±1°F	±1°F	±1°F	±1°F
Control Range	59°F~95°F	59°F~95°F	59°F~95°F	59°F~95°F
Dimension	120*25.5*25MM	120*25.5*25MM	160*25.5*25MM	160*25.5*25MM

Figure 7: Size and wattage chart for SEAOURA aquarium heaters, including the 75W model.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your SEAOURA Submersible Fish Tank Heater, please contact the manufacturer directly through the retailer's platform or the official SEAOURA website. Please have your product model and purchase date available when contacting support.