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> [FREESEA 50 Watt Aquarium Submersible Betta Heater with Thermometer User Manual](#)

FREESEA 50watt Aquarium Heater

FREESEA 50 Watt Aquarium Submersible Betta Heater with Thermometer User Manual

Model: 50watt Aquarium Heater

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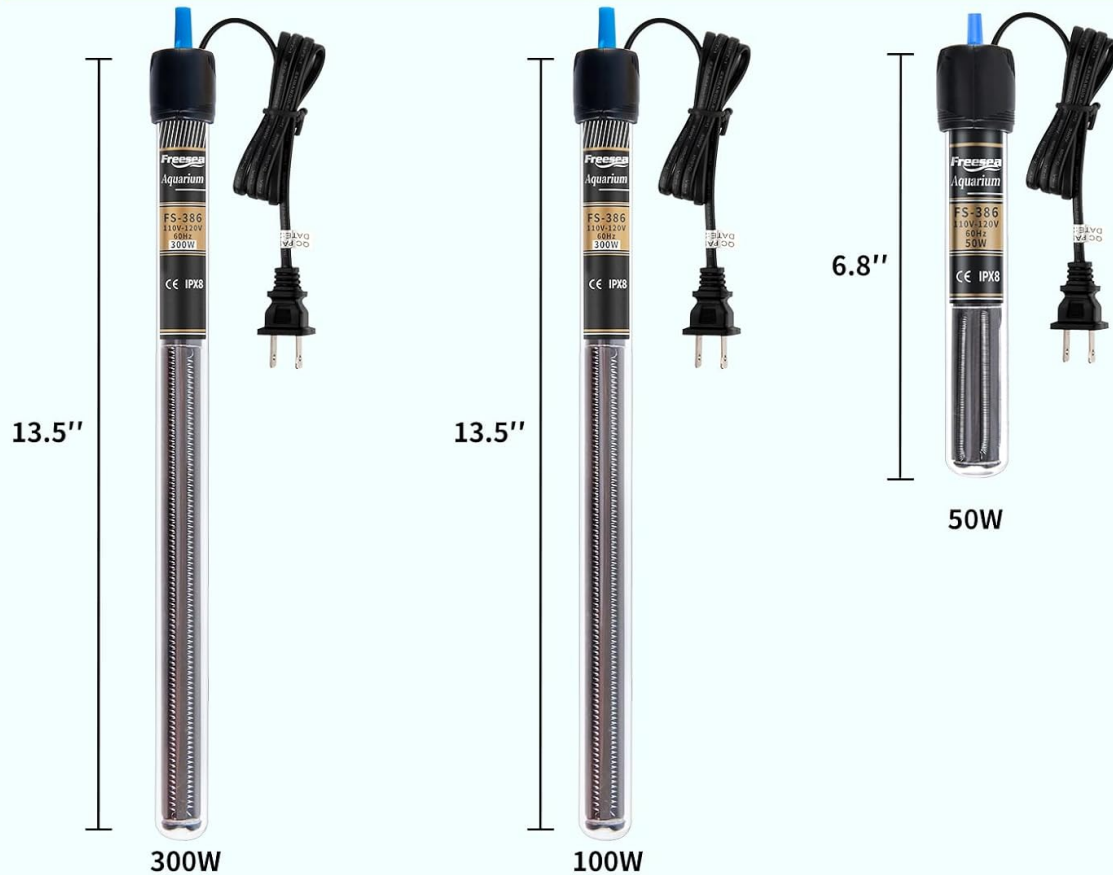
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1. INTRODUCTION

This manual provides instructions for the FREESEA 50 Watt Aquarium Submersible Betta Heater and its accompanying digital thermometer. This heater is designed to maintain stable water temperatures in 5-15 gallon betta fish or turtle tanks. It operates on 110-120V and features a 5.0ft power cord for convenient indoor use. The heater is constructed with a rubber sealing layer for enhanced safety and durability, preventing water leakage. Its quartz glass construction further contributes to its robust design. The adjustable temperature range is 63-95°F, allowing precise control over your aquarium's environment. The included digital thermometer provides real-time water temperature readings.

HOW TO CHOOSE



WATTS	POWER CORD LENGTH	AQUARIUM SIZE	TEMPERATURE CONTROL RANGE
50W	4.0FT	5-10 GALLON	63°F~95°F
100W		15-25 GALLON	
300W		40-60 GALLON	

Image 1: Overview of the FREESEA 50 Watt Aquarium Submersible Beta Heater and digital thermometer.

2. INCLUDED COMPONENTS

- FREESEA 50 Watt Submersible Aquarium Heater
- Digital Thermometer with Suction Cup
- Suction Cups for Heater Mounting

3. SETUP INSTRUCTIONS

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect the heater and thermometer for any signs of damage. Do not use if damaged.
2. **Heater Placement:** Attach the heater to the inside wall of your aquarium using the provided suction cups. Ensure the heater is positioned horizontally or vertically in an area with good water circulation.
3. **Full Submersion:** **Crucially, ensure the heater is 100% submerged in water before plugging it into a power outlet.** Operating the heater out of water can cause damage and pose a safety risk.
4. **Thermometer Placement:** Attach the digital thermometer to the aquarium wall, preferably on the opposite side of the heater, to get an accurate average water temperature reading. Ensure the

thermometer probe is fully submerged.

5. **Power Connection:** Connect the heater's power cord to a suitable 110-120V power outlet. The power outlet should have a leakage disconnect switch and a broken circuit switch for safety.

CAUTIONS



1. Please check whether this product uses a matching power grid voltage. This product can not be repaired or modified by yourself, please ask supplier for suggestion.

2. Heater must be completely submerged in water, can not be exposed above water.

3. Turn off the power supply for 10 minutes before cleaning the tank or maintaining the heater.

4. When removing the heater, please don't pull the power cord directly.

5. The power outlet to which the product is connected must have a leakage disconnect switch.

6. The power socket for heater must have a broken circuit switch.

Image 2: Important cautions for heater installation and use.

Video: How does the heater work?

Your browser does not support the video tag.

Video 1: This video demonstrates the basic functionality of the FREESEA aquarium heater, showing how it operates to warm the water.

4. OPERATING INSTRUCTIONS

1. **Setting Temperature:** The heater features an adjustable knob on the top. Turn this knob to select your desired temperature within the 63-95°F range. Refer to the markings on the knob for temperature guidance.
2. **Monitoring Temperature:** Use the included digital thermometer to monitor the actual water temperature. The thermometer provides a clear LED display. Compare the thermometer reading with your set temperature.

3. **Heater Indicator Light:** When the heater is actively heating, an indicator light inside the heater will illuminate. Once the water reaches the set temperature, the heater will automatically turn off, and the indicator light will extinguish. It will reactivate when the temperature drops below the set point.
4. **Initial Adjustment:** After initial setup, allow several hours for the water temperature to stabilize. You may need to make minor adjustments to the heater knob over the first 24-48 hours to achieve your precise desired temperature, as indicated by the digital thermometer.



Just turn the top knob to adjust the temperature **63-95 °F**

Image 3: Detail of the adjustable temperature knob on the heater and the digital thermometer display.

Video: Is the temperature setting adjustable?

Your browser does not support the video tag.

Video 2: This video demonstrates how to adjust the temperature setting on the FREESEA aquarium heater using the top knob.

5. MAINTENANCE

- **Cleaning:** Before performing any maintenance or cleaning on your aquarium or the heater, always unplug the heater from the power outlet. Allow the heater to cool down for 10-20 minutes before removing it from the water.
- **Wipe Clean:** The heater can be wiped clean with a soft cloth. Do not use harsh chemicals or

abrasive materials.

- **Avoid Pulling Cord:** When removing the heater, do not pull the power cord directly. Grasp the heater body firmly.
- **Regular Inspection:** Periodically inspect the heater for any signs of damage, such as cracks in the glass or frayed cords. Replace the heater immediately if any damage is observed.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater not turning on (indicator light off)	<ul style="list-style-type: none">• Not plugged in• Power outage• Temperature already at or above set point• Faulty power outlet	<ul style="list-style-type: none">• Ensure heater is securely plugged in.• Check household power.• Verify set temperature is below current water temperature.• Test outlet with another device.
Water temperature is too low/high	<ul style="list-style-type: none">• Incorrect temperature setting• Heater wattage insufficient for tank size (for low temp)• Heater not fully submerged• Faulty heater thermostat	<ul style="list-style-type: none">• Adjust the temperature knob to the desired setting.• Ensure heater is appropriate for your tank volume (50W for 5-15 gal).• Confirm heater is completely submerged.• If issues persist, contact customer support.
Digital thermometer not displaying	<ul style="list-style-type: none">• Battery drained• Thermometer damaged	<ul style="list-style-type: none">• Replace battery (if applicable, check manual for battery type).• If damaged, replace the thermometer.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	48 x 0.99 x 0.2 inches; 8.82 ounces
Item Model Number	50watt Aquarium Heater
Manufacturer	FREESEA
Brand	FREESEA
Special Features	Auto Off, Waterproof
Color	Black
Included Components	Thermometer
Outer Material	Glass
Display Type	LED

Feature	Detail
Power Source	Corded Electric
Upper Temperature Range	95 Degrees Fahrenheit
Lower Temperature Range	63 Degrees Fahrenheit
Indoor Outdoor Usage	Indoor
UPC	724779003108

WHY CHOOSE US ?



✓
✓

keep water temp

3mm

over 3 years

strong

compact

VS

LED Thermometer

Overheating Protection

Heating Effect

Thickness of Glass

Service Life

Suction Cup

Size



✗
✗

unstable heating

2mm

less than 2 months

weak

large

Image 4: Visual comparison highlighting key features and benefits of the FREESEA heater.



Image 5: Guide for choosing the correct heater wattage based on aquarium size and temperature control range.

8. WARRANTY & SUPPORT

FREESEA is committed to providing high-quality products and excellent customer service. If you have any questions, concerns, or require assistance with your FREESEA aquarium heater, please contact our customer support team. We are dedicated to ensuring your satisfaction.

For specific warranty details, please refer to the product packaging or contact FREESEA customer service directly through their official channels.