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## Product Instruction Manual

*Qtqgoitem Aluminum Heater Thermostat Constant Temperature 63x63x6mm 220V*

### 1. PRODUCT OVERVIEW

The Qtqgoitem Aluminum Heater Thermostat is a compact and efficient heating plate designed for constant temperature applications. Measuring 63x63x6mm, this 220V unit is engineered to provide stable heat for various purposes. Its primary function is to heat air or solid objects, maintaining a consistent surface temperature. This product is manufactured by Qtqgoitem in China.

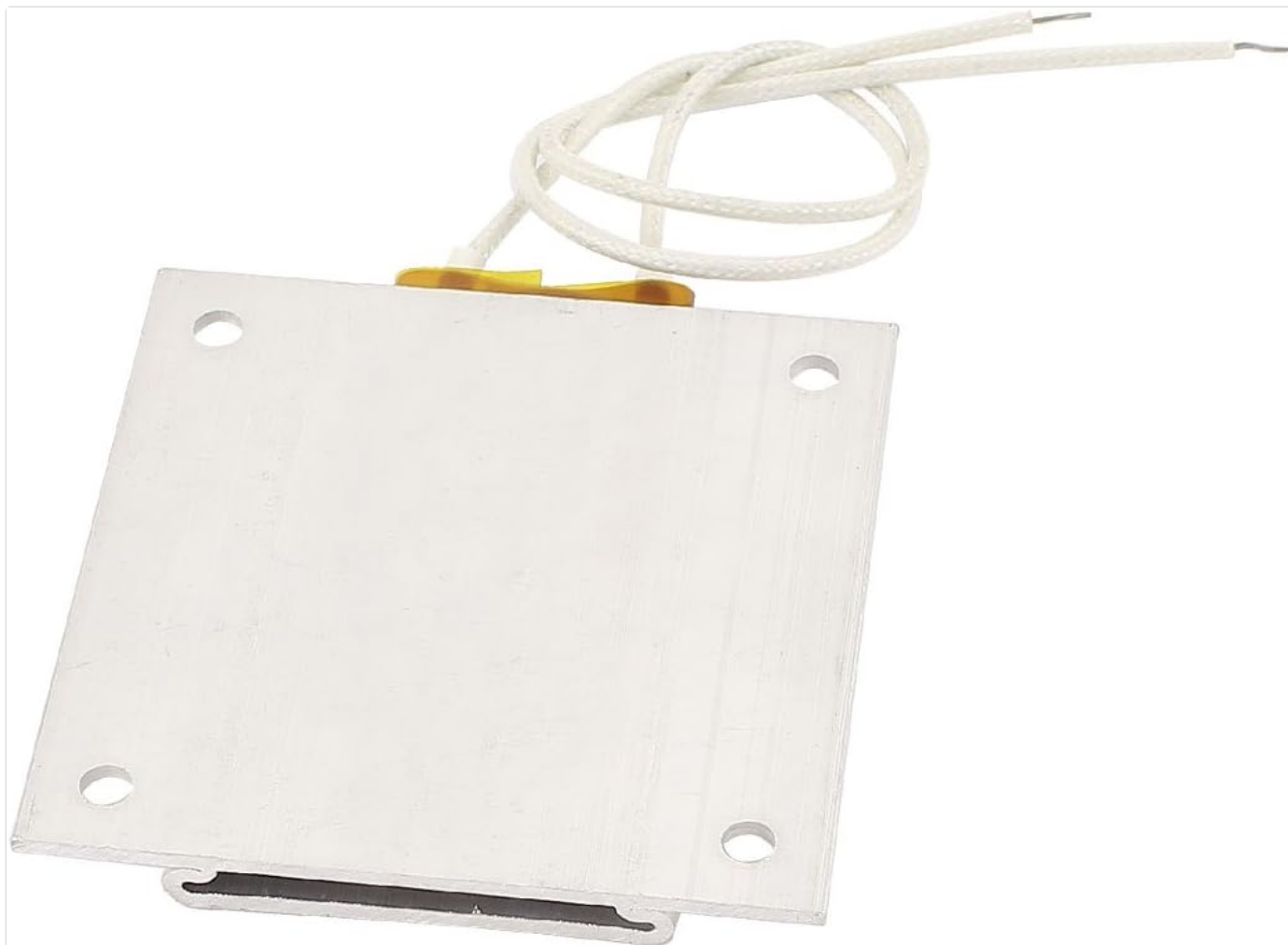


Figure 1: Top view of the Qtqgoitem Aluminum Heater Thermostat, showing the square aluminum plate and the white insulated wires extending from one side.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** This device operates on 220V. Ensure all electrical connections are made by a qualified electrician and comply with local electrical codes.
- **Heat Hazard:** The heater surface will reach high temperatures (up to 270 Celsius). Avoid direct contact with the heating plate during operation to prevent burns.
- **Ventilation:** Ensure adequate ventilation around the heater to prevent overheating. Do not cover the heater during operation.
- **Flammable Materials:** Do not install or operate the heater near flammable liquids, gases, or materials.
- **Moisture:** Do not expose the heater to water or excessive moisture. This product is not waterproof.
- **Children and Pets:** Keep the heater out of reach of children and pets.
- **Damage Inspection:** Before each use, inspect the heater and its wires for any signs of damage. Do not use if damaged.

## 3. FEATURES

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- Country of Manufacture: CHINA
- Brand: Qtqgoitem
- Material: Aluminum
- Net Weight: 42g
- Package Content: 1x Heater
- Main Color: Silver Tone
- Voltage: 220V
- Temperature: 270 Celsius (Constant Temperature)
- Power: 300W
- Size: 63x63x6mm

## 4. APPLICATIONS

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This versatile aluminum heater thermostat is suitable for a variety of applications requiring constant temperature heating:

- Heating air or solid objects
- Water heating
- Cup heating
- Hair straightener components
- Yogurt maker heating elements
- Instrumentation dehumidification
- Chocolate extrusion systems
- Coffee maker heating elements
- Car and component preheating

## 5. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your heater. It is recommended that installation be performed by a qualified professional.

1. **Unpacking:** Carefully remove the heater from its packaging. Inspect for any visible damage.
2. **Mounting:** The heater features mounting holes (one in each corner) for secure installation. Use appropriate screws or fasteners (not included) to mount the heater to a stable, heat-resistant surface. Ensure the mounting surface can withstand the operating temperature of the heater.
3. **Electrical Connection:** Connect the two white insulated wires to a 220V AC power source. Ensure the power source is capable of supplying 300W. It is highly recommended to use a circuit breaker or fuse for protection. Observe proper wiring practices to prevent short circuits.
4. **Insulation:** Ensure all electrical connections are properly insulated to prevent accidental contact.
5. **Testing:** After installation, briefly apply power to the heater to confirm it begins to warm up. Disconnect power immediately after testing.



Figure 2: Angled view of the Qtqgoitem Aluminum Heater Thermostat, highlighting the aluminum plate's thickness and the connection point for the white insulated wires.

## 6. OPERATING INSTRUCTIONS

The Qtqgoitem Aluminum Heater Thermostat is designed for simple operation once properly installed.

- **Power On:** Apply 220V AC power to the connected wires. The heater will immediately begin to warm up.
- **Constant Temperature:** The heater is designed to reach and maintain a constant surface temperature of approximately 270 Celsius. No external thermostat adjustment is required for its primary function.
- **Power Off:** To turn off the heater, disconnect the 220V AC power supply.

*Note:* The heater's temperature is fixed. If a different operating temperature is required for your application, an external temperature controller must be integrated into your system.

## 7. MAINTENANCE

Regular maintenance helps ensure the longevity and safe operation of your heater.

- **Power Disconnection:** Always disconnect power to the heater before performing any maintenance or cleaning. Allow the unit to cool completely.
- **Cleaning:** Use a soft, dry cloth to wipe down the aluminum surface. Do not use abrasive cleaners or solvents. Avoid getting moisture into the electrical connections.
- **Inspection:** Periodically inspect the heater for any signs of physical damage, corrosion, or wear on the wires. Ensure mounting is still secure.
- **Dust Accumulation:** Remove any dust or debris that may accumulate on the surface, as this can affect heating efficiency.

## 8. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Heater does not warm up.	No power supply. Incorrect voltage. Damaged wiring.	Check power connection and outlet. Ensure 220V AC is supplied. Inspect wires for breaks; replace if damaged (by a professional).
Heater is not reaching expected temperature.	Insufficient power (voltage drop). Excessive heat loss to environment. Heater is faulty.	Verify stable 220V supply. Improve insulation or reduce environmental heat loss. If all else fails, the unit may be faulty and require replacement.
Burning smell or smoke.	Overheating due to poor ventilation. Foreign material on heater. Internal electrical fault.	<b>Immediately disconnect power.</b> Ensure adequate airflow. Clean heater surface. If smell persists, discontinue use and consult a professional.

## 9. SPECIFICATIONS

Specification	Value
Brand	Generic
Manufacturer	Qtqgoitem
Model Number	e3b43500026808f51c6c273898553b
ASIN	B0BHS97QL1
Material	Aluminum, Composite
Voltage	220V
Power	300W
Temperature	270 Celsius (Constant)
Size	63x63x6mm
Net Weight	42g
Special Feature	Easy to Install, Quiet

## 10. WARRANTY AND SUPPORT

This product is manufactured by Qtqgoitem. For specific warranty information, please refer to the documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.

For technical support or inquiries regarding the Qtqgoitem Aluminum Heater Thermostat, please contact the retailer or manufacturer through their official support channels.

