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› YUCHENGTECH Halogen Beam Heater Burner Instruction Manual (110-120V)

## YUCHENGTECH B07QCNNSTR

# YUCHENGTECH Halogen Beam Heater Burner Instruction Manual (110-120V)

Model: Halogen Beam Heater Burner 110-120V (B07QCNNSTR)

Brand: YUCHENGTECH

## 1. OVERVIEW

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The YUCHENGTECH Halogen Beam Heater Burner is designed to provide a stable and efficient heat source for siphon coffee makers. It utilizes an upgraded halogen lamp to convert electric energy into infrared heat, ensuring uniform heating without direct contact with glass, thereby extending the lifespan of your siphon pot. This heater offers a safe and controlled alternative to open flame heating methods.



Image: The YUCHENGTECH Halogen Beam Heater Burner, a compact and efficient heating device for siphon coffee makers.

## 2. PRODUCT COMPONENTS

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Familiarize yourself with the main components of your halogen beam heater:

- **Glass-ceramic Heating Panel:** The primary heating surface.
- **Outer Lampshade:** Provides protection and directs heat.
- **Protection Net:** A grid-shaped net for heat dissipation and burn prevention.
- **Stainless Steel Bottom Plate:** The base of the heating unit.
- **Temperature Knob:** For adjusting heat intensity.
- **Pedestal:** The main support structure.



# STRUCTURE



Image: Detailed diagram illustrating the structure and labeled components of the halogen beam heater.

## 3. SPECIFICATIONS

Key technical specifications for the YUCHENGTECH Halogen Beam Heater Burner:

<b>Voltage</b>	110-120V
<b>Frequency</b>	50-60Hz
<b>Power</b>	400W
<b>Item Weight</b>	3 Pounds (approx. 1.36 kg)
<b>Heating Diameter</b>	130mm
<b>Heat Resistance Temp</b>	$\leq 750^{\circ}\text{C}$
<b>Heating Material</b>	Microcrystalline Panel
<b>Controls Type</b>	Push Button (Rotary Knob)
<b>Special Feature</b>	Thermal, Five-speed adjustment



Image: Visual representation of the heater's key parameters and dimensions.

## 4. SETUP

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Follow these steps to set up your YUCHENGTECH Halogen Beam Heater Burner:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Place the heater on a stable, flat, and heat-resistant surface. Ensure adequate ventilation around the unit.
3. **Connect Power:** Plug the power cord into a standard 110-120V electrical outlet.
4. **Position Siphon:** Place your siphon coffee maker securely on the heating panel.

Your browser does not support the video tag.

Video: A demonstration of the YUCHENGTECH Halogen Beam Heater Burner in operation, showing the heating process for a siphon coffee maker.

## 5. OPERATING INSTRUCTIONS

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To operate your halogen beam heater for siphon coffee brewing:

1. **Power On:** Turn the temperature knob to the desired heat setting. The heater features a five-speed adjustment, with each gear having a specific temperature setting.
2. **Heating Process:** The 400W halogen lamp will begin heating the water in your siphon coffee maker. The heat source is stable and uniform, preventing over-extraction and maintaining coffee flavor.
3. **Automatic Control:** When the set temperature is reached, the power supply will automatically cut off. It will automatically turn back on if the temperature drops below the set value.
4. **Power Off:** Once brewing is complete, turn the temperature knob to the "OFF" position.



# SIZE

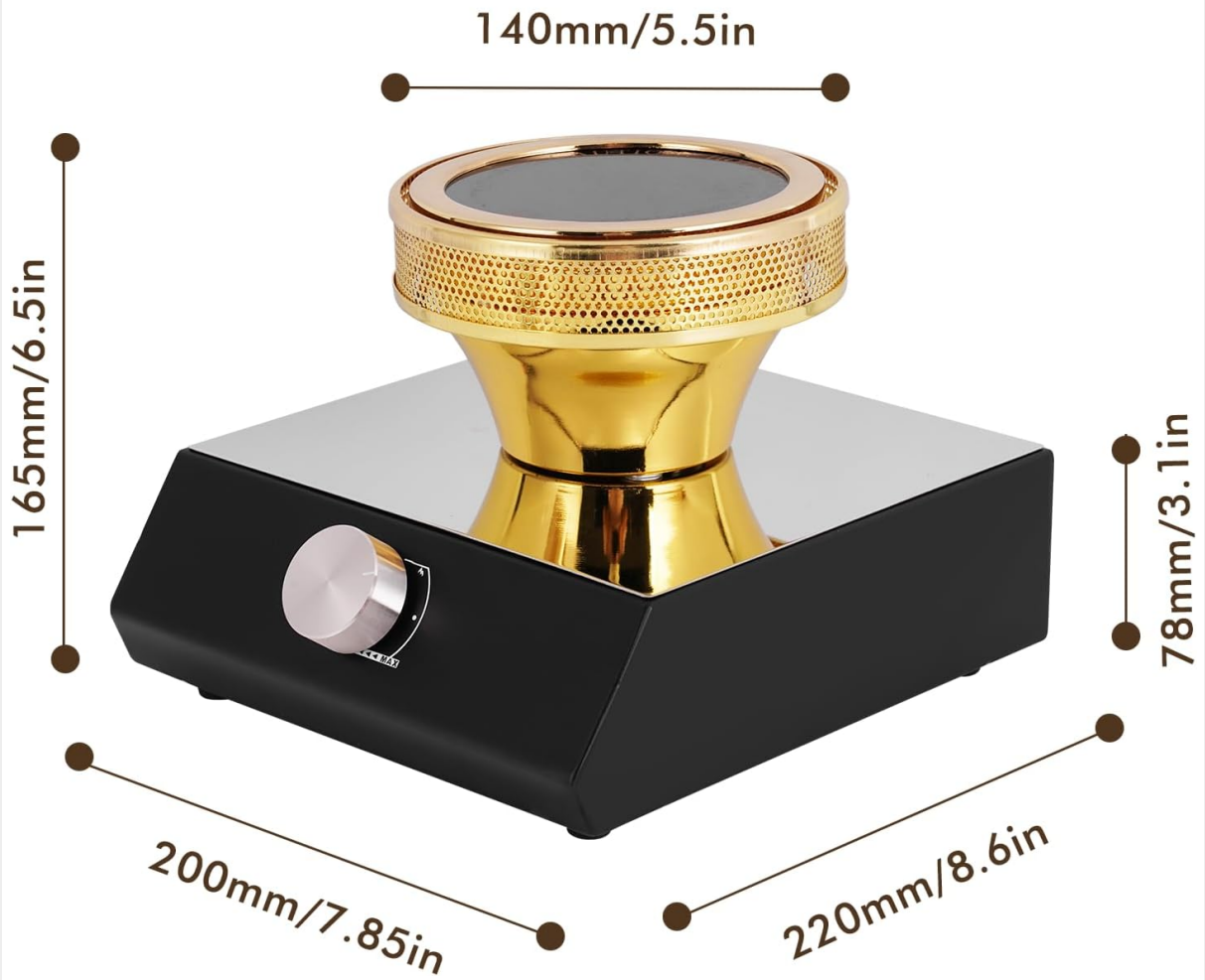


Image: Close-up of the halogen heating lamp, highlighting its efficient infrared heat conversion and long service life.



# HALOGEN HEATING LAMP

Adopting halogen heating lamp, it can convert 85% of electric energy into infrared heat energy, rapidly transfer heat, with high thermal efficiency and longer service life.



Light wave heating  
stable and lasting



Low heating loss



5000H Long-lasting  
halogen lamp



No open  
flame heating

Image: The microcrystalline heating panel, designed for high heat resistance and efficient heat transmission.

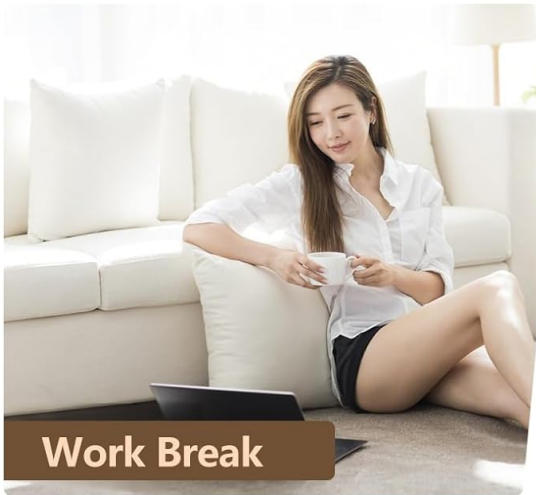
## 6. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your heater:

- **Cleaning the Heating Panel:** To prevent scratches, wipe the mirror glass surface with a soft cloth or sponge and a neutral detergent.
- **Preventing Glass Breakage:** Always ensure the glass of your siphon coffee maker is dry before placing it on the heater to avoid breakage during use.
- **Protective Net:** The grid-shaped protective net helps dissipate heat and prevents burns from accidental contact with the panel. Keep it clear of obstructions.
- **Cooling System:** The bottom of the unit features multiple rows of vents for efficient heat dissipation. Ensure these cooling holes are not blocked to maintain fast heat dissipation and prolong service life.
- **Stability:** The anti-slip foot pad design on the base ensures stable and safe placement.



# ENJOY THE COFFEE MOMENT



**Work Break**



**Gatherings**



**Self-alone**



**Couple dating**

Image: Important notes on preparing the siphon glass and cleaning the heater to ensure safe and effective use.

## PROTECTIVE NET COVER

Grid shaped protective net helps dissipate heat from the panel and prevents burns from touching the panel.



Image: The protective net cover, designed to enhance safety and heat dissipation.



## BOTTOM COOLING HOLES

Multiple rows of vents for efficient heat dissipation, fast heat dissipation and longer service life

Image: The bottom cooling holes, crucial for maintaining optimal operating temperature and extending device life.

## ANTI SLIP BASE

Wear resistant and anti slip foot pad design ensures smooth and safe placement, making coffee cooking more reassuring.



Image: The anti-slip base, providing stability and secure placement during use.

## 7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause & Solution
Heater does not turn on or heat.	<ul style="list-style-type: none"> <li>Check if the lamp is tightened or damaged.</li> <li>Verify the power supply is 110-120V.</li> <li>Check if the fuse is blown.</li> </ul>
Heating for a long time, but water does not boil.	<ul style="list-style-type: none"> <li>Check if hot water was added to the kettle (recommended for faster heating).</li> <li>Adjust the heat power size using the knob.</li> <li>Check if the water volume exceeds the recommended capacity.</li> </ul>

### Glass cracks during use.

- The product may have reached the end of its service life.
- Water drops on the glass during heating can cause stress.  
Ensure glass is dry.

## TROUBLESHOOTING

### Turn on the switch, but the machine does not heat :

- ① Check whether the lamp is tightened or damaged.
- ② Check whether the power supply is 110V
- ③ Check whether the fuse is blown

### Heating for a long time, the water does not boil :

- ① Check whether to add hot water in the kettle
- ② adjust the heat power size
- ③ check whether the water is more than the loadable capacity

### Why the glass cracks :

- ① Used too long, has reached the end of the service life
- ② New products in the heating of water drops on the glass

Image: A visual troubleshooting guide addressing common operational problems.

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact YUCHENGTECH customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can also visit the official YUCHENGTECH store on Amazon for additional product information and support: [YUCHENGTECH Store](#)