

Walfront Walfrontmpcfyzorv0-02

Walfront 110V/48V 200W Ceramic Space Heater Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Walfront 110V/48V 200W Ceramic Space Heater. This product is an electric heater designed for automatic constant temperature and energy-saving operation. It utilizes a PTC ceramic heating element and an aluminum tube for efficient heat transfer. This heater is primarily intended for use in small instruments, small enclosures, and similar applications requiring localized heating.

Please read this manual thoroughly before installation and operation, and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or injury.

- **Electrical Safety:** Ensure the power supply voltage matches the heater's specified voltage (110V or 48V). All wiring should be performed by a qualified electrician in accordance with local electrical codes. Do not operate the heater with damaged wiring or if the product appears compromised.
- **Heat and Burn Hazard:** The heater generates significant heat. Avoid direct contact with the heating element and surrounding surfaces during and immediately after operation. Allow sufficient cooling time before handling.
- **Ventilation:** Ensure adequate airflow around the heater to prevent overheating. Do not block air inlets or outlets.
- **Flammable Materials:** Keep all flammable materials (e.g., paper, fabric, chemicals) away from the heater.
- **Moisture:** Do not expose the heater to water or excessive moisture. This product is not designed for use in wet or damp environments.
- **Children and Pets:** Keep the heater out of reach of children and pets.
- **Intended Use:** Use this heater only for its intended purpose as described in this manual. Do not modify the heater or use it for applications other than heating small spaces or instruments.

3. PRODUCT OVERVIEW

The Walfront Ceramic Space Heater is a compact and efficient heating component. It features a PTC ceramic heating element encased within an aluminum structure, designed for direct integration into various systems.

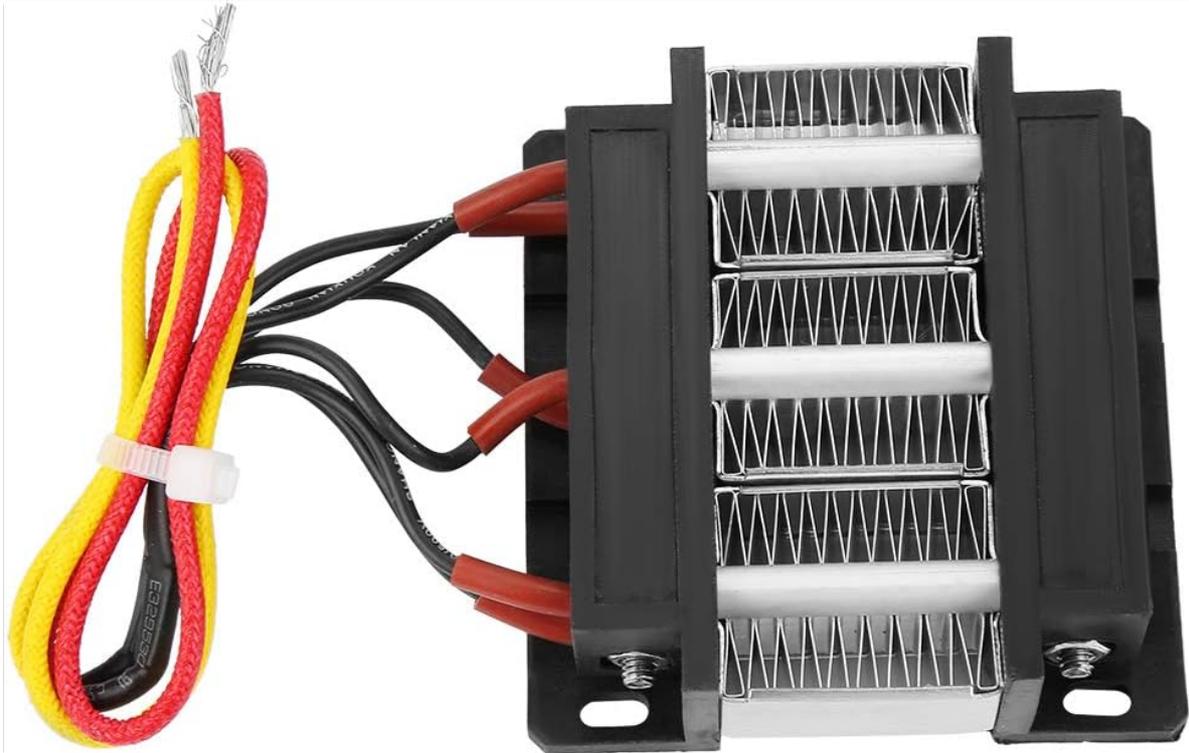


Figure 3.1: Front view of the Walfront Ceramic Space Heater, showing the heating fins and electrical connections.



Figure 3.2: Angled view of the heater, highlighting its compact design.

4. SPECIFICATIONS

Refer to the table below for detailed technical specifications of the Walfront Ceramic Space Heater.

Feature	Specification
Material	Aluminum & Plastic
Heating Material	Thermistor (PTC Ceramic)
Heating Method	Heat through airflow
Power	200W
Voltage (Optional)	110V / 48V (Bare line connected, polarity not critical for rated voltage)
Mounting Distance Dimensions	56 × 68 mm (8 × 4 mm waist type hole)
Corrugation Length	30mm

Feature	Specification
Overall Size	76 × 76 × 26 mm (3 × 3 × 1 inch)
Item Weight	4.6 ounces (approx. 130g)
Special Features	Energy Efficient, Lightweight, Automatic Constant Temperature
Temperature Control	Includes 70-degree normally closed temperature control protector

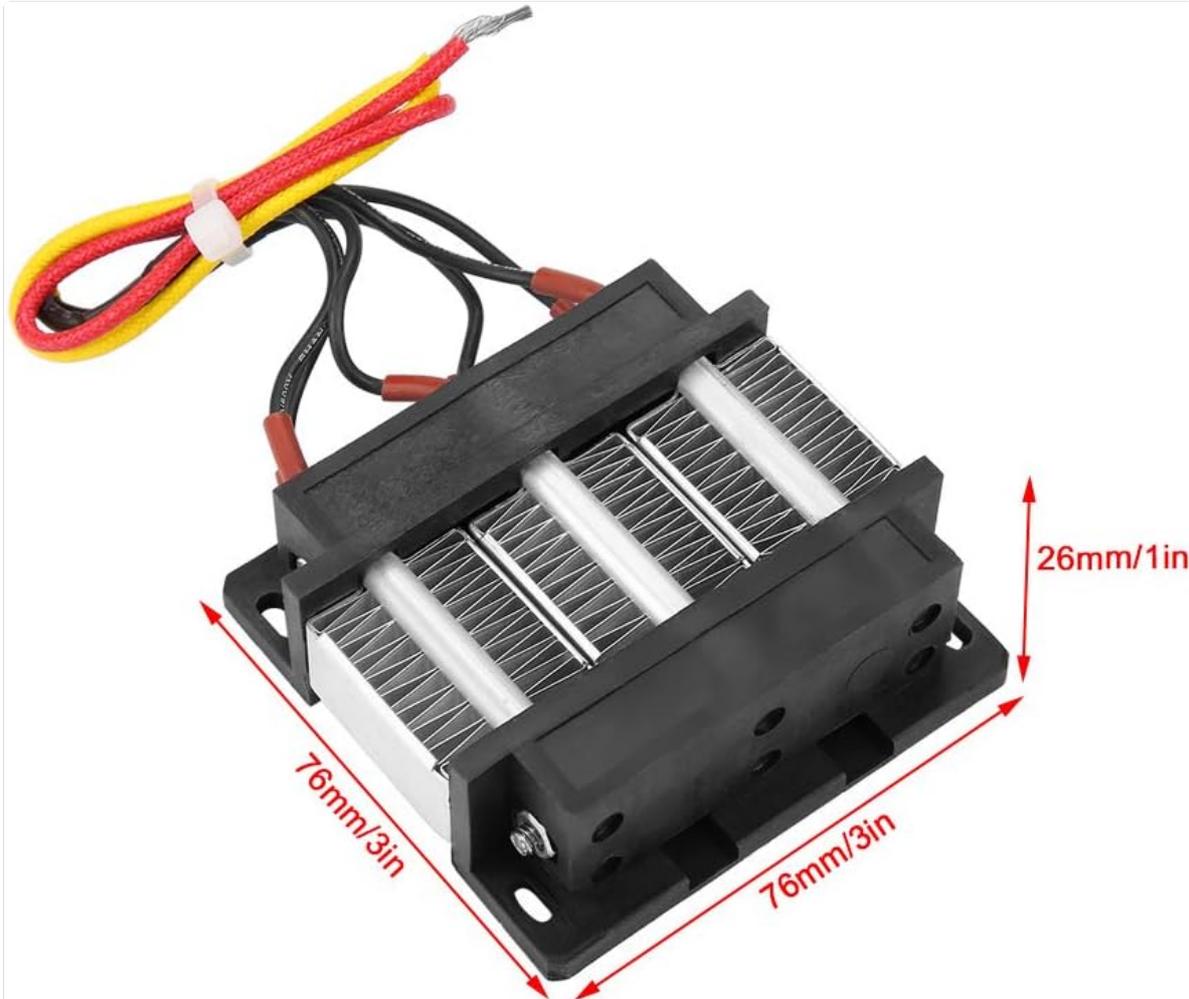


Figure 4.1: Dimensions of the Walfront Ceramic Space Heater.

5. INSTALLATION AND SETUP

This heater is designed for integration into existing systems or enclosures. Proper installation is crucial for safety and performance.

5.1 Mounting

- Identify a suitable mounting location within your application that allows for adequate airflow around the heater.
- The heater features mounting holes with dimensions of 56 × 68 mm (8 × 4 mm waist type hole). Use appropriate fasteners (not included) to secure the heater firmly.
- Ensure the mounting surface is stable and can withstand the operating temperature of the heater.

5.2 Electrical Connection

The heater is available in 110V and 48V versions. Verify your heater's voltage before connecting. The bare wires are for electrical connection; polarity is not critical for the rated voltage.

- **For 110V models:** Connect the heater to a 110V AC power source.
- **For 48V models:** Connect the heater to a 48V DC power source.
- Ensure all connections are secure and insulated to prevent short circuits or electrical hazards.
- It is recommended to include appropriate overcurrent protection (e.g., a fuse or circuit breaker) in the power circuit.



Figure 5.1: Detail of the electrical connection wires.

6. OPERATION

Once properly installed and connected to the correct power source, the Walfront Ceramic Space Heater operates automatically.

- **Power On:** Apply power to the connected circuit. The heater will begin to generate heat.
- **Automatic Temperature Control:** The integrated 70-degree normally closed temperature control protector will regulate the heater's output to maintain a constant temperature, preventing overheating.

- **Power Off:** Disconnect power from the circuit to turn off the heater.

7. MAINTENANCE

The Walfront Ceramic Space Heater requires minimal maintenance. Regular inspection can help ensure its longevity and safe operation.

- **Cleaning:** Ensure the heater is disconnected from power and completely cool before cleaning. Gently wipe the exterior with a dry, soft cloth. Do not use abrasive cleaners or allow liquids to enter the heater.
- **Inspection:** Periodically inspect the heater for any signs of damage, such as frayed wires, loose connections, or physical deformities. If any damage is observed, discontinue use and consult a qualified technician.
- **Airflow:** Ensure that the air passages around the heating fins remain clear of dust and debris to maintain optimal heat transfer efficiency.

8. TROUBLESHOOTING

If you encounter issues with your Walfront Ceramic Space Heater, refer to the following troubleshooting steps:

- **Heater Not Generating Heat:**
 - Check if the heater is properly connected to the power source.
 - Verify that the power source is active and providing the correct voltage (110V or 48V).
 - Inspect for any tripped circuit breakers or blown fuses in the power circuit.
- **Heater Overheating or Shutting Off:**
 - Ensure there is adequate ventilation around the heater and that air inlets/outlets are not obstructed.
 - The integrated temperature protector may have activated. Allow the heater to cool down before attempting to restart.
- **Unusual Noises or Odors:**
 - Immediately disconnect power to the heater.
 - Do not operate the heater if it produces unusual noises, smells, or smoke. Contact a qualified technician for inspection.

If the problem persists after following these steps, contact customer support.

9. DISPOSAL

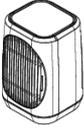
When the Walfront Ceramic Space Heater reaches the end of its service life, it should be disposed of responsibly. Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities for electronic waste. Contact your local authorities for information regarding available collection systems.

10. CONTACT INFORMATION

For further assistance, technical support, or inquiries regarding your Walfront product, please refer to the seller's contact information or visit the Walfront store on Amazon:

[Visit the Walfront Store on Amazon](#)

Related Documents - Walfrontmpcfyzorv0-02

 <p>Electric Heater AN INSTRUCTION MANUAL</p>	<p>HW-QN-02 Electric Heater: Instruction Manual & Safety Guide</p> <p>Comprehensive instruction manual for the HW-QN-02 electric heater, covering product structure, operation, maintenance, safety precautions, and troubleshooting. Learn how to use your portable PTC ceramic heater safely and effectively.</p>
	<p>Chtoocy Pet Heater Instruction Manual - Models HT005-01 & HT005-02</p> <p>Comprehensive instruction manual for Chtoocy pet heaters, models HT005-01 and HT005-02. Covers product components, installation, safety warnings, specifications, usage instructions, key features, and cleaning/maintenance guidelines.</p>
 <p>DARTY MARCHÉ DÉVELOPPEMENT REPERE/RECHERCHER CODEC 099859</p>	<p>DeLonghi HBM 02 Fan Heater - User Manual and Specifications</p> <p>Comprehensive user manual for the DeLonghi HBM 02 fan heater, covering installation, operation, safety warnings, and maintenance. Features include multiple heating modes, thermostat control, and an electronic timer.</p>
 <p>ROWI HIG 4200/3 INF-M</p>	<p>ROWI HIG 4200/3 INF-M Gas-Infrarot-Heizofen - Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den ROWI HIG 4200/3 INF-M Gas-Infrarot-Heizofen, einschließlich Sicherheitshinweisen, Installationsanleitung, Betrieb, Wartung und Fehlerbehebung. Bietet 4,2 kW Heizleistung und ist für den wettergeschützten Außeneinsatz konzipiert.</p>
 <p>MATRIX ULTRA V2 SERVICE MANUAL</p>	<p>MATRIX ULTRA V2 Service Manual: Troubleshooting and Parts Replacement</p> <p>Comprehensive service manual for MATRIX ULTRA V2 fitness equipment, covering troubleshooting common issues, maintenance procedures, and detailed parts replacement guides for various models.</p>
	<p>Trust Primo Keyboard 23880: Safety, Compliance, and Disposal Information</p> <p>Comprehensive safety instructions, EU and UK conformity declarations, and disposal guidelines for the Trust Primo Keyboard 23880, ensuring safe usage and responsible end-of-life management.</p>

