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Infratech E3024

Infratech E3024 3000 Watt 240 Volt Replacement Quartz Element

User Manual for Models W3024 or WD6024SS

INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of your Infratech E3024 3000 Watt 240 Volt Replacement Quartz Element. This element is designed specifically for use with Infratech Heater Models W3024 and WD6024SS. Please read all instructions thoroughly before proceeding with installation or maintenance to ensure safety and optimal performance.

SAFETY INFORMATION

WARNING: Risk of electric shock and fire. Improper installation or maintenance can lead to serious injury or death. Always follow these safety guidelines:

- **Disconnect Power:** Always ensure the main power supply to the heater is completely disconnected at the circuit breaker before attempting any installation, maintenance, or inspection.
- **Professional Installation Recommended:** Installation should be performed by a qualified electrician or authorized service personnel in accordance with all local electrical codes and regulations.
- **Allow Cooling:** Heater elements become extremely hot during operation. Allow the heater to cool completely before handling any components.
- **Handle with Care:** Quartz elements are fragile. Avoid touching the quartz tube directly with bare hands, as oils can reduce element life. Use clean gloves or a cloth.
- **Correct Voltage:** Ensure the replacement element's voltage (240V) matches the heater's electrical supply.
- **Use Only Genuine Parts:** Use only genuine Infratech replacement parts to ensure compatibility and safety.

PACKAGE CONTENTS

- 1 x Infratech E3024 3000 Watt 240 Volt Replacement Quartz Element

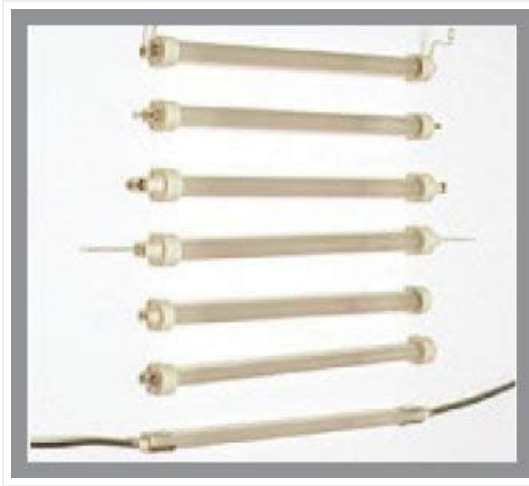


Image showing the Infratech E3024 replacement quartz heating element, a long, cylindrical component with electrical terminals at each end.

SETUP AND INSTALLATION

This section outlines the general procedure for replacing the heating element. Refer to your specific Infratech heater model's manual (W3024 or WD6024SS) for detailed instructions on accessing the element compartment.

1. **Power Disconnection:** Ensure the main power supply to the heater is turned OFF at the circuit breaker. Verify with a voltage tester.
2. **Cool Down:** Allow the heater to cool completely if it has been in operation.
3. **Access Element:** Carefully open the heater's housing or grille to access the heating element compartment. Consult your heater's manual for specific access procedures.
4. **Disconnect Old Element:** Gently disconnect the electrical wires from the terminals of the old element. Note the wiring configuration for reinstallation.
5. **Remove Old Element:** Carefully unclip or unscrew the old element from its mounting brackets. Dispose of the old element responsibly.
6. **Install New Element:** Wearing clean gloves, carefully insert the new Infratech E3024 element into the mounting brackets. Ensure it is securely seated.
7. **Connect Wiring:** Reconnect the electrical wires to the terminals of the new element, ensuring a secure and correct connection. Double-check all connections.
8. **Close Heater:** Carefully close and secure the heater's housing or grille.
9. **Restore Power:** Restore power to the heater at the circuit breaker.
10. **Test Operation:** Turn on the heater and verify that the new element heats up correctly.

OPERATING INSTRUCTIONS

The Infratech E3024 is a replacement heating element. Its operation is controlled by the Infratech heater model (W3024 or WD6024SS) in which it is installed. Refer to the original user manual for your specific heater model for detailed operating instructions, including power settings, timer functions, and remote control usage.

Once installed, the element will function as part of the heater's radiant heating system, converting electrical energy into infrared heat.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your heating element.

- **Cleaning:** With the power disconnected and the element cool, gently wipe the quartz tube with a soft, dry

cloth to remove dust or debris. Do not use abrasive cleaners or liquids.

- **Inspection:** Periodically inspect the element for any visible damage, cracks, or discoloration. Check electrical connections for tightness. If any damage is observed, discontinue use and consult a qualified technician.
- **Environmental Factors:** Ensure the heater is protected from direct impact and excessive moisture, which can affect element life.

TROUBLESHOOTING

If the heater is not functioning correctly after element replacement, consider the following:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; loose electrical connections; faulty heater controls.	Check circuit breaker. Verify all electrical connections are secure. Consult your heater's manual for control troubleshooting.
Element does not glow or heat.	Element not properly connected; element damaged during installation; incorrect voltage.	Disconnect power and re-check element connections. Inspect element for damage (if damaged, replace). Ensure 240V supply.
Flickering or inconsistent heat.	Loose electrical connections; element nearing end of life.	Disconnect power and tighten all electrical connections. If problem persists, the element may need replacement.

If troubleshooting steps do not resolve the issue, contact Infratech customer support or a qualified electrician.

SPECIFICATIONS

Model: E3024

Power Output: 3000 Watts

Voltage: 240 Volts

Compatibility: Infratech Heater Models W3024, WD6024SS

Heating Method: Radiant & Infrared

Indoor/Outdoor Usage: Outdoor (as per compatible heaters)

Power Source: Corded Electric

UPC: 737079613564

Dimensions: Approximately 68 x 8 x 7 inches (Package Dimensions, actual element length will be less)

WARRANTY INFORMATION

Infratech products are manufactured to high-quality standards. This replacement element is covered by Infratech's standard warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your original Infratech heater or visit the official Infratech website.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further information regarding your Infratech E3024 replacement element or compatible heaters, please contact Infratech customer support:

Website: www.infratech-usa.com

Phone: Refer to the Infratech website for current contact numbers.

Email: Refer to the Infratech website for current contact email addresses.

When contacting support, please have your product model number (E3024) and the model number of your Infratech heater (W3024 or WD6024SS) available.