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› Infratech W3048SS Single Element 3000 Watt Electric Patio Heater User Manual

Infratech W3048SS

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Model: W3048SS | Brand: Infratech

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Infratech W3048SS Single Element 3000 Watt Electric Patio Heater. Please read this manual thoroughly before installation and use, and retain it for future reference. Failure to follow these instructions could result in property damage, personal injury, or death.

The Infratech W3048SS is a high-quality, radiant electric heater designed for outdoor heating applications, providing efficient and comfortable warmth. It features a durable stainless steel finish and a single heating element with a 3000-watt output, operating at 480 volts.

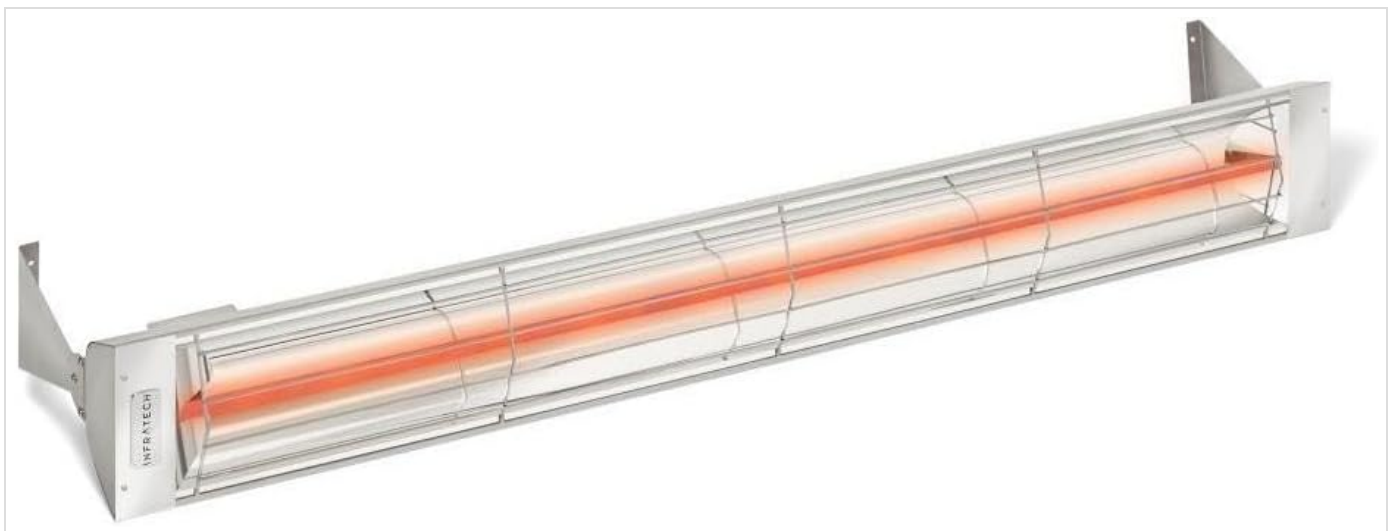


Figure 1: Infratech W3048SS Single Element 3000 Watt Electric Patio Heater. This image shows the heater's stainless steel casing and the radiant heating element.

2. IMPORTANT SAFETY INFORMATION

WARNING: Risk of Fire, Electric Shock, and Injury to Persons.

Read all instructions before installing or using this heater. Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual for assistance or consult a qualified installer, service agency, or gas supplier.

- Do not install or operate this heater if it has been damaged in any way.
- Keep combustible materials, such as furniture, papers, clothes, and curtains, at least 3 feet (0.9 meters) from the front of the heater and away from the sides and rear.
- Do not use this heater in bathrooms, laundry areas, or similar indoor locations.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug the heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped, or damaged in any manner.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- Connect to properly grounded outlets only.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This heater is intended for outdoor use.

3. SPECIFICATIONS

Feature	Detail
Brand	Infratech
Model Number	W3048SS
Heat Output	3000 Watts
Voltage	480V
Fuel Type	Electric
Burner Type	Radiant
Color/Finish	Stainless Steel
Product Dimensions (L x W x H)	61.25 x 9 x 8.19 inches
Item Weight	20 pounds
Heating Coverage	Approximately 6' x 6'
Recommended Use	Outdoor
Special Feature	Energy Efficient
UPC	737079620678

4. SETUP AND INSTALLATION

IMPORTANT: Installation must be performed by a qualified, licensed electrician in accordance with all local electrical codes. This heater operates at 480V and requires specific wiring and circuit protection.

4.1 Unpacking

Carefully remove the heater from its packaging. Inspect for any shipping damage. Do not install if damaged. Contact your supplier immediately if damage is found.

4.2 Mounting Requirements

- The heater must be mounted horizontally.
- Maintain minimum clearances from combustible materials:
 - From front: 36 inches (91 cm)
 - From sides: 18 inches (46 cm)
 - From rear: 6 inches (15 cm)
 - From ceiling: 6 inches (15 cm)
- Ensure the mounting surface is structurally sound and capable of supporting the heater's weight (20 lbs).
- Mounting brackets are provided for wall or ceiling installation.

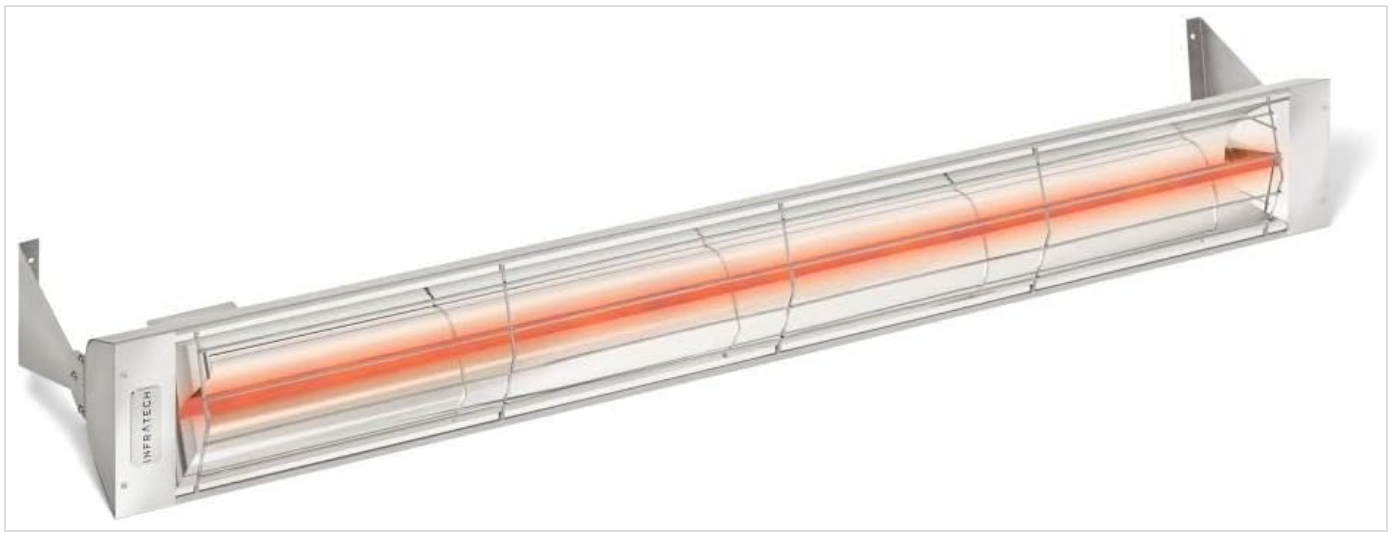


Figure 2: Side view of the Infratech W3048SS heater, illustrating the integrated mounting brackets for secure installation on a wall or ceiling.

4.3 Electrical Connection

- This heater requires a dedicated 480V electrical circuit.
- Wiring must comply with all national and local electrical codes.
- Ensure the power supply is disconnected at the circuit breaker before beginning any wiring.
- Connect the heater to a properly grounded circuit.
- Consult the wiring diagram provided with the heater for specific connection details.

5. OPERATING INSTRUCTIONS

The Infratech W3048SS heater is designed for simple operation once properly installed.

5.1 Powering On/Off

- Ensure the heater is securely mounted and all electrical connections are complete and verified by a qualified electrician.
- Turn on the power supply to the heater at the dedicated circuit breaker.
- If a wall switch or control system is installed (sold separately), use it to turn the heater ON or OFF.
- The heating element will begin to glow and emit heat shortly after being powered on.

5.2 Heat Output

This model provides a fixed 3000-watt heat output. For variable heat control, an optional control system (e.g., dimmer switch, zone control) must be installed by a qualified electrician.

5.3 Important Operating Notes

- Do not touch the heater when it is operating or immediately after it has been turned off, as surfaces will be extremely hot.
- Allow the heater to cool completely before attempting any cleaning or maintenance.
- Never cover the heater with any material.

6. MAINTENANCE

The Infratech W3048SS heater requires minimal maintenance. Regular cleaning will ensure optimal performance and longevity.

6.1 Cleaning

- **Always disconnect power to the heater at the circuit breaker before cleaning.**
- Allow the heater to cool completely.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- Do not spray water directly onto the heater.
- Periodically inspect the heating element for any debris or obstructions. Gently remove any buildup with a soft brush if necessary.

6.2 Element Replacement

The heating element is designed for long life. If replacement becomes necessary, contact a qualified service technician or Infratech customer support. Element replacement should only be performed by a qualified professional.

7. TROUBLESHOOTING

Before contacting customer support, please review the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Circuit breaker tripped. Faulty wiring.	Check if the main power supply is ON. Reset the circuit breaker. Contact a qualified electrician to inspect wiring.
Heater produces insufficient heat.	Incorrect voltage. Damaged heating element. Heater too far from target area.	Verify the heater is connected to a 480V supply. Contact customer support for element inspection/replacement. Ensure heater is within recommended heating coverage area (approx. 6'x6').
Burning smell.	Dust or debris on element. New heater "burn-in" smell.	Disconnect power, allow to cool, and clean the element. A slight odor is normal during initial use; it should dissipate quickly. If persistent or strong, disconnect power and contact support.

If you experience issues not listed here, or if the suggested solutions do not resolve the problem, please contact Infratech customer support.

8. WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Infratech website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical assistance, replacement parts, or further inquiries, please contact Infratech customer support:

- **Website:** www.infratech-usa.com
- **Phone:** Refer to the Infratech website for current contact numbers.

When contacting support, please have your model number (W3048SS) and purchase date available.

