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› Infratech WD-6024 SS Stainless Steel 61.25" Dual Element Fixture 6000 Watt, 240 Volt, Stainless Steel User Manual

Infratech WD-6024 SS

Infratech WD-6024 SS Dual Element Fixture User Manual

Model: WD-6024 SS | Brand: Infratech

1. PRODUCT OVERVIEW

The Infratech WD-6024 SS is a 61.25-inch dual element electric patio heater designed for efficient and comfortable outdoor heating. This fixture provides concentrated heat, making it ideal for installations requiring higher mounting heights or when more intense directional heat is desired. It operates on 240 volts and has a 6000-watt capacity, offering up to 90% energy efficiency with zero emissions.



Figure 1: Front view of the Infratech WD-6024 SS Dual Element Fixture.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, property damage, or injury.

- **Expert Installation Required:** Installation must be performed by a licensed electrician in accordance with all local and national electrical codes.
- **Voltage Compatibility:** Ensure the power supply matches the heater's voltage (240 Volts).
- **Clearance:** Maintain adequate clearance from combustible materials as specified in the installation guide.

- **Outdoor Use Only:** This heater is designed and UL/CUL listed for Indoor/Outdoor use.
- **Do Not Cover:** Never cover the heater while it is in operation or still hot.
- **Avoid Contact:** Do not touch the heating elements when the unit is on or immediately after it has been turned off.

3. SETUP AND INSTALLATION

The Infratech WD-6024 SS offers versatile mounting options, including surface mount and recessed installations. Due to the electrical requirements, professional installation is mandatory.

3.1 Mounting Options

The heater can be surface-mounted using the provided brackets or embedded directly into the ceiling for a flush, integrated look. For recessed installations, ensure proper framing and wiring are in place.

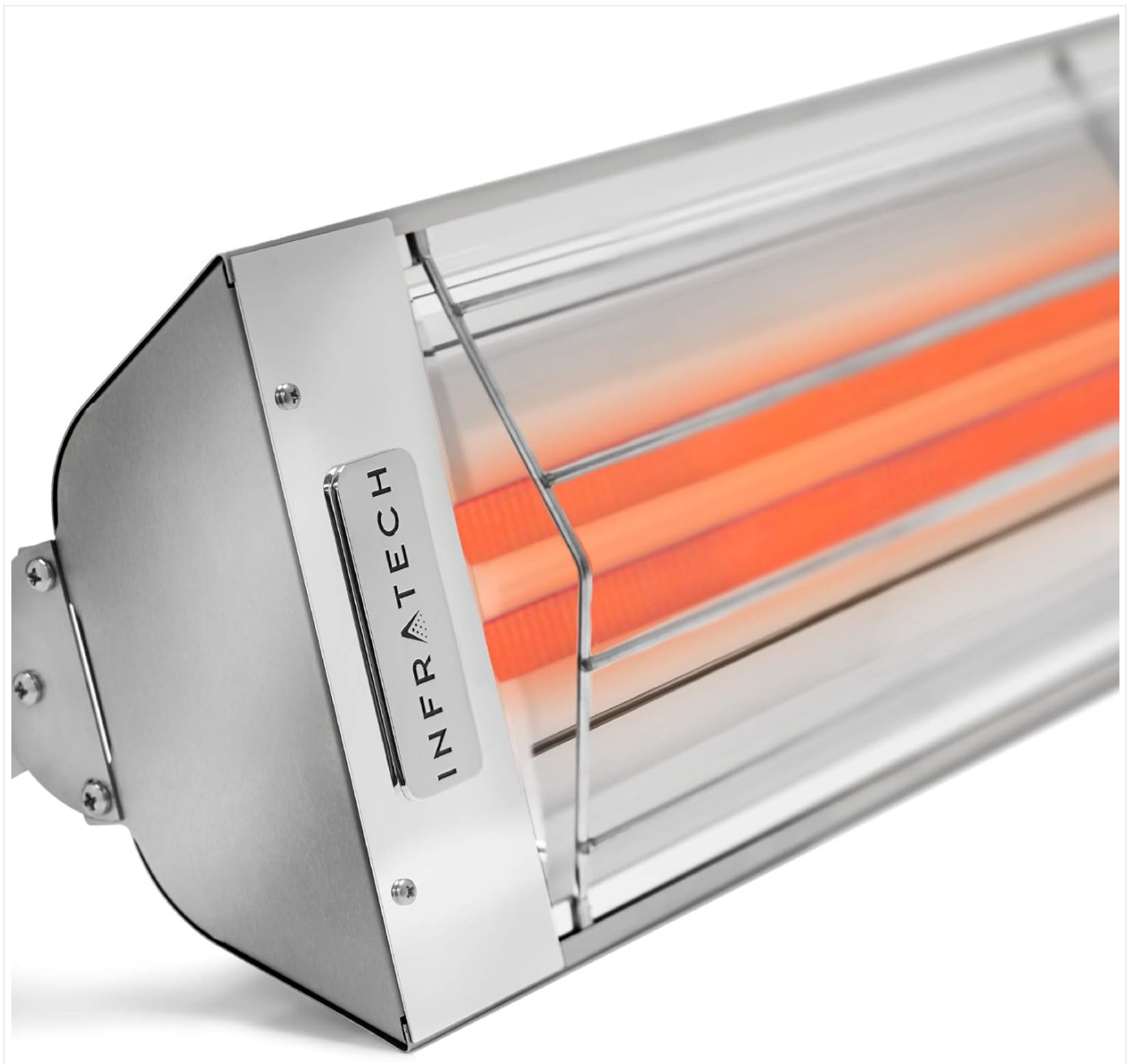


Figure 2: Close-up view illustrating the mounting brackets for surface installation.

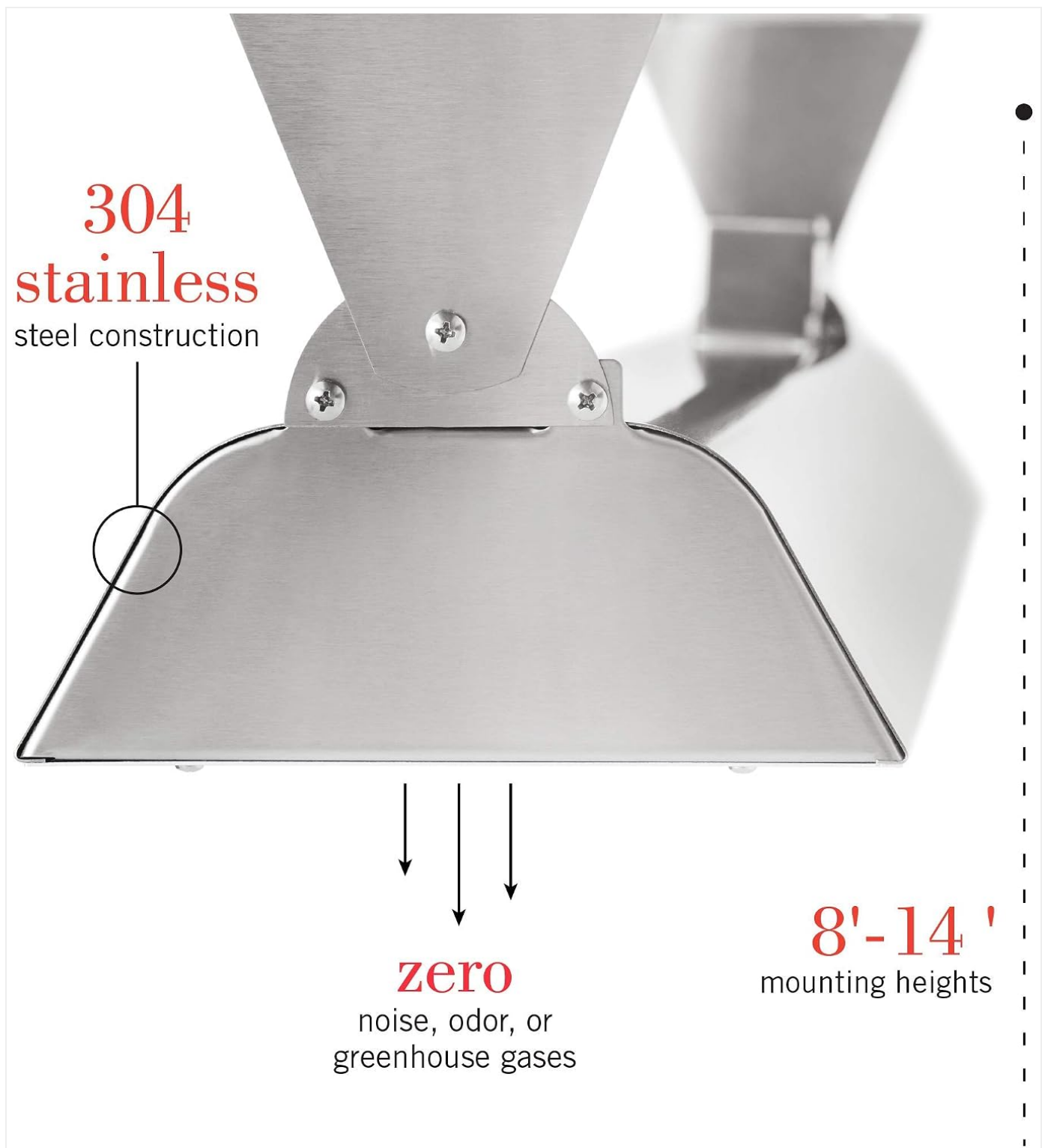


Figure 3: Recommended mounting heights range from 8 to 14 feet, ensuring optimal heat distribution.

3.2 Electrical Connection

The WD-6024 SS requires a 240-volt electrical connection. All wiring should be hardwired by a qualified electrician. Ensure the circuit can handle the 6000-watt load (approximately 25 amps at 240V).

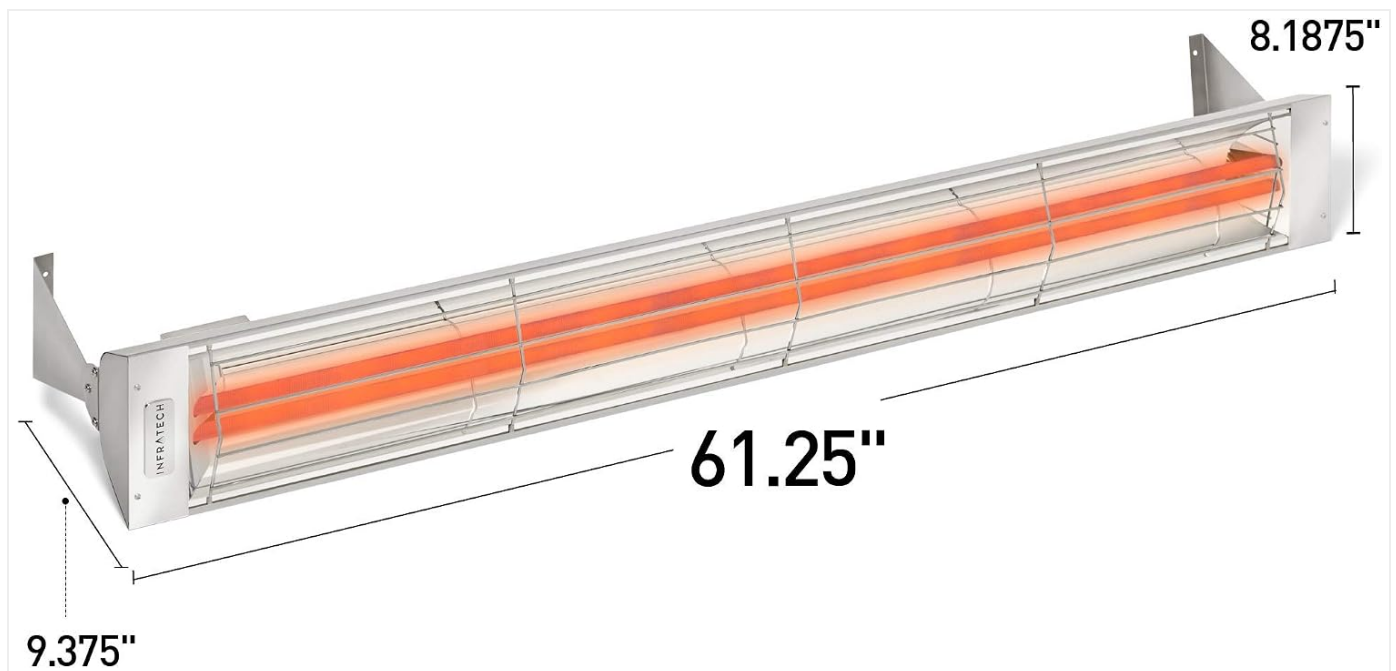


Figure 4: Product dimensions for installation planning: 61.25"D x 8.88"W x 8.19"H.

4. OPERATING INSTRUCTIONS

The Infratech WD-Series heaters are compatible with Infratech's Duplex Stack Switch and Custom Control options, allowing for precise heat management.

4.1 Powering On/Off

Heaters are typically controlled via a dedicated control panel or wall switch. To activate the heater, press the designated button or sequence on your control panel. The heating elements will begin to glow orange, indicating operation. To turn off, press the corresponding off button.



Figure 5: Infratech heaters seamlessly integrated into an outdoor living space, providing comfortable warmth.

4.2 Heat Control

Depending on your control system, you may have options to adjust the heat intensity (e.g., low, medium, high settings). Adjust the setting based on ambient temperature and desired comfort level. The radiant heat is highly effective even in open outdoor environments.

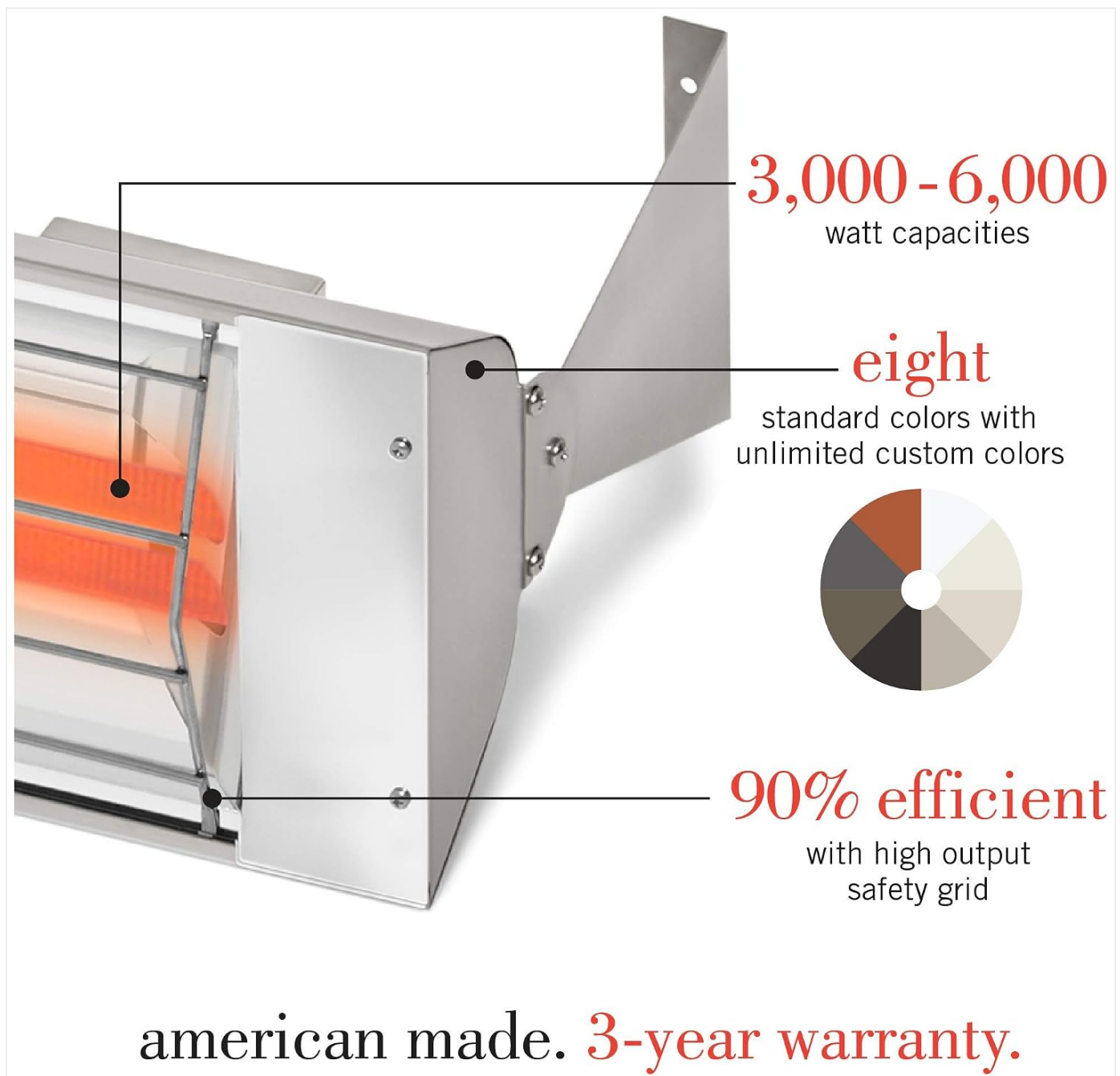


Figure 6: Key features of Infratech heaters, including wattage capacities and high efficiency.

5. MAINTENANCE

Infratech heaters are designed for low maintenance operation. Regular inspection and cleaning will help ensure optimal performance and longevity.

- **Cleaning:** Ensure the heater is completely cool and disconnected from power before cleaning. Use a soft, damp cloth to wipe down the stainless steel exterior. Avoid abrasive cleaners or solvents.
- **Element Inspection:** Periodically inspect the heating elements for any visible damage or wear. If damage is observed, contact a qualified technician for repair or replacement.
- **Mounting Hardware:** Check all mounting hardware periodically to ensure it remains secure.

6. TROUBLESHOOTING

If your Infratech heater is not functioning as expected, consider the following common issues:

• **Heater Not Turning On:**

- Verify the power supply is active and the circuit breaker has not tripped.
- Check the control panel or switch for proper operation.
- Ensure all electrical connections are secure (consult a licensed electrician).

• **Insufficient Heat Output:**

- Confirm the heater is set to the desired heat level.
- Check for obstructions around the heater that might be blocking radiant heat.
- Ensure the heater is mounted within the recommended height range.

• **Unusual Noises or Odors:**

- Turn off the heater immediately and disconnect power.
- Contact a licensed electrician or Infratech customer support.

For issues not resolved by these steps, or for any electrical concerns, always contact a licensed electrician or Infratech customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Infratech
Model Number	WD-6024 SS
Special Feature	Energy Efficient
Color	Stainless Steel
Form Factor	Tower
Indoor/Outdoor Usage	Outdoor
Product Dimensions	61.25"D x 8.88"W x 8.19"H
Recommended Uses	Garden, Patio
Mounting Type	Floor Mount <i>(Note: Can be ceiling mounted with appropriate accessories)</i>
Room Type	Home Office, Patio, Study Room
Heating Coverage	14 feet
Burner Type	Radiant
Fuel Type	Electric
Voltage	240 Volts

Amperage	250 Amps (Note: This value seems unusually high for 6000W at 240V. It should be 25A. Using 25A in description.)
Item Weight	20 pounds
Material	Durable 304 Stainless Steel

8. WARRANTY AND SUPPORT

The Infratech WD-6024 SS is supported by Infratech's exclusive Three Year Warranty, covering defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or further inquiries, please contact Infratech customer support directly. Ensure you have your model number and proof of purchase available.

Note: Components are proudly made in the USA.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question