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> Slim Line - Single Element 2400 Watt Patio Heater-240 Voltage-Stainless Steel Finish User Manual

Infratech SL-2424SV

Infratech Slimline SL-2424SV Patio Heater User Manual

Model: SL-2424SV | Brand: Infratech

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Infratech Slimline SL-2424SV Single Element Patio Heater. Please read all instructions carefully before installation and use, and retain this manual for future reference.

The Infratech Slimline SL-2424SV is a 240-volt, 2400-watt, 10-amp electric patio heater featuring an anodized aluminum housing and a narrow profile. Its design allows it to blend seamlessly into various outdoor décors. The T-slot mounting system provides flexibility for bracket placement, accommodating different installation needs. This heater is designed for outdoor use and can be controlled via an INF20 economy load control, a standard on-off switch, or custom solid-state controls.



Figure 1: Front view of the Infratech Slimline SL-2424SV Patio Heater, showcasing its sleek silver finish and heating element.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, read and understand all instructions before using this heater.

- **Electrical Safety:** This heater operates on 240 volts and requires a dedicated 10-amp circuit. Installation must be performed by a qualified electrician in accordance with all local electrical codes. Ensure proper grounding.
- **Placement:** Do not install the heater directly below a receptacle outlet. Maintain minimum clearances from combustible materials as specified in the installation instructions.

- **Outdoor Use Only:** This heater is designed for outdoor applications. While it can be used in covered outdoor areas, ensure adequate ventilation.
- **Children and Pets:** Keep children and pets away from the heater when it is in operation. The surface of the heater becomes very hot.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning. Do not attempt to repair or modify the heater yourself. Contact qualified service personnel for repairs.
- **Flammable Materials:** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this heater.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your Infratech patio heater. It is highly recommended that installation be performed by a licensed and qualified electrician.

Mounting Options

The Slimline series features a T-slot mounting channel, allowing the included brackets to be positioned at any distance along the length of the heater. This provides flexibility for various mounting surfaces and structural supports.

- **Wall Mounting:** Heaters can be mounted horizontally or at an angle on walls, ensuring proper clearance from ceilings and adjacent surfaces.
- **Ceiling Mounting:** Ideal for overhead heating, ensuring the heat is distributed evenly across the desired area.
- **Recessed Mounting:** For a more integrated look, the Slimline heater can be recessed into ceilings or walls with an optional flush mount frame (sold separately).



Figure 2: An Infratech heater mounted on a wall, demonstrating a common installation scenario in an indoor/outdoor setting.



Figure 3: Multiple Infratech heaters installed under a glass roof structure, illustrating overhead mounting for outdoor dining areas.



Figure 4: Infratech heaters integrated into a residential patio pergola, providing comfortable warmth for outdoor living spaces.

Electrical Connection

Ensure the power supply is turned off at the circuit breaker before beginning any wiring. Connect the heater to a 240V,

10A dedicated circuit. Follow the wiring diagram provided with your heater and adhere to all national and local electrical codes.

OPERATION

Once properly installed and wired, operating your Infratech Slimline heater is straightforward.

Turning On/Off

- **Standard On-Off Switch:** If connected to a simple wall switch, toggle the switch to the 'ON' position to activate the heater. The heating element will glow orange. Toggle to 'OFF' to deactivate.
- **INF20 Economy Load Control:** For basic control, the INF20 allows for simple on/off functionality. Refer to the INF20 manual for specific operation details.
- **Custom Solid State Controls:** For advanced control, such as dimming or zone control, refer to the specific instructions provided with your custom control system. These systems allow for precise heat management.

Allow the heater a few minutes to reach its full operating temperature after activation. The radiant heat will be felt almost immediately.



Figure 5: Infratech heaters providing warmth in an outdoor restaurant patio, demonstrating effective heating in a commercial setting.

MAINTENANCE

The Infratech Slimline heater is designed for minimal maintenance. However, periodic inspection and cleaning will 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 exterior. Do not use abrasive cleaners or solvents.

- **Element Inspection:** Periodically inspect the heating element for any signs of damage or wear. If the element appears damaged, contact customer support for replacement.
- **Mounting Hardware:** Check mounting brackets and hardware annually to ensure they are secure and free from corrosion.
- **Ventilation:** Ensure that the area around the heater remains clear of obstructions to allow for proper airflow and heat dissipation.

TROUBLESHOOTING

If your Infratech heater is not functioning as expected, consult the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; tripped circuit breaker; faulty wiring; faulty switch/control.	Check power supply at the source. Reset circuit breaker. Verify all wiring connections (consult electrician). Test switch/control unit.
Heater turns on but provides insufficient heat.	Incorrect voltage; element partially failed; heater too far from target area.	Confirm 240V supply. Inspect heating element for damage. Adjust heater placement or consider additional units for larger areas.
Heater makes unusual noises.	Loose mounting hardware; internal component issue.	Tighten all mounting hardware. If noise persists, disconnect power and contact customer support.

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

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Infratech
Model Number	SL-2424SV
Voltage	240 Volts
Wattage	2400 Watts
Amperage	10 Amps
Dimensions (L x W x D)	42.5 x 4.75 x 2.75 inches
Housing Material	Anodized Aluminum
Finish	"Silver"
Special Feature	Noiseless
Indoor/Outdoor Usage	Outdoor (Can be used in covered outdoor areas)
Recommended Uses	Patio, Living Room (for patio-like settings)
Heating Coverage	49 sq. ft.

Feature	Detail
Burner Type	Radiant
Fuel Type	Electric
UPC	030955811444

WARRANTY INFORMATION

Infratech products are manufactured to the highest standards and come with a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary. Please refer to the warranty card included with your product or visit the official Infratech website for detailed warranty information and registration procedures.

Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or any questions regarding your Infratech Slimline SL-2424SV Patio Heater, please contact Infratech customer support.

Website: www.infratech-usa.com

When contacting support, please have your model number (SL-2424SV) and serial number (if applicable) ready.

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.

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Question

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