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Eurofase Heating EF50240W

Eurofase Heating 5000 Watt 240 Volt Electric Infrared Heater

MODEL: EF50240W



Image: Eurofase Heating brand banner with outdoor patio setting.

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your Eurofase Heating 5000 Watt 240 Volt Electric Infrared Heater, Model EF50240W. This infrared heater is designed to provide efficient heating for both indoor and outdoor environments by warming objects and people directly, rather than the surrounding air.



Image: Front view of the Eurofase Heating EF50240W infrared heater, showcasing its white finish and heating elements.

2. Safety Information

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

- **Electrical Requirements:** This heater operates on 240 Volts and draws 20.83 Amps. Ensure your electrical circuit can safely support these requirements. Professional electrical installation is highly recommended.
- **Placement:** Maintain adequate clearance from combustible materials. Refer to installation instructions for specific clearance distances.
- **Do Not Cover:** Never cover the heater during operation, as this can lead to overheating and fire.
- **Hot Surface:** The heater surface becomes very hot during operation. Avoid direct contact.
- **Water Exposure:** While suitable for outdoor use in covered areas, avoid direct exposure to heavy rain or splashing water.
- **Children and Pets:** Keep children and pets away from the heater to prevent burns or injuries.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x Eurofase Heating Infrared Heater Unit (Model EF50240W)
- Mounting Brackets and Hardware
- User Manual (this document)

4. Setup and Installation

The EF50240W heater is designed for wall or ceiling mounting. Due to its 240V electrical requirements, installation should be performed by a qualified electrician.

4.1 Mounting Options

This heater offers versatile mounting options including ceiling, flush, and wall mount. The recommended mounting height is between 8 to 12 feet. The mounting angle can be adjusted to 30, 45, or 60 degrees to direct heat effectively.



Image: Diagram illustrating heat coverage area (90 sq. ft.) and adjustable mounting angles (30, 45, 60 degrees) for ceiling, flush, and wall installations.

4.2 Installation Steps (Professional Installation Recommended)

1. **Select Location:** Choose a suitable location on a wall or ceiling, ensuring proper clearances from combustible materials and adequate structural support.
2. **Mount Brackets:** Securely attach the provided mounting brackets to the chosen surface using appropriate hardware.



Image: The infrared heater unit shown with its included mounting brackets, ready for installation.

3. **Attach Heater:** Carefully attach the heater unit to the mounted brackets.



Image: Rear view of the heater, highlighting the attachment points for the mounting brackets.

4. **Electrical Connection:** Connect the heater to a dedicated 240V electrical circuit. All wiring must comply with local electrical codes.
5. **Adjust Angle:** Adjust the heater to the desired angle (30, 45, or 60 degrees) for optimal heat distribution.

5. Operating Instructions

Once properly installed and connected to power, your infrared heater is ready for use.

- **Power On/Off:** Use the designated wall switch or control system (not included) to turn the heater on or off.
- **Heat Sensation:** Infrared heaters warm objects and people directly. You will feel the warmth as soon as the heater is active. The surrounding air temperature may not change significantly.
- **Indoor/Outdoor Use:** This heater is suitable for both indoor and outdoor applications, including covered patios, pergolas, gazebos, porches, balconies, terraces, or courtyards.



Image: An EF50240W heater mounted above an outdoor bar area, demonstrating its application in covered outdoor spaces.



Image: Two EF50240W heaters providing warmth to a spacious covered patio with seating, illustrating effective outdoor heating.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your heater.

- **Before Cleaning:** Always disconnect the heater from the power supply and allow it to cool completely

before performing any maintenance.

- **Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Inspect:** Periodically inspect the power cord and heating elements for any signs of damage or wear. If damage is found, contact a qualified technician for repair.

7. Troubleshooting

If you encounter issues with your heater, refer to the following common troubleshooting steps:

- **Heater Not Turning On:**
 - Ensure the power supply is connected and the wall switch is in the 'ON' position.
 - Check the circuit breaker for the heater's circuit. Reset if tripped.
 - Verify that the electrical connections are secure (consult an electrician if unsure).
- **Insufficient Heat:**
 - Confirm the heater is operating at its full power (5000 Watts).
 - Ensure the heater is positioned correctly and not obstructed.
 - Verify the mounting height and angle are optimized for the area.
- **Unusual Noises or Odors:**
 - Immediately turn off the heater and disconnect power.
 - Contact a qualified technician for inspection.

For issues not resolved by these steps, please contact customer support or a qualified electrician.

8. Specifications

Brand	Eurofase Heating
Model Number	EF50240W
Power Output	5000 Watts
Voltage	240 Volts
Amperage	20.83 Amps
Fuel Type	Electric
Burner Type	Radiant
Material	Steel
Color	White
Product Dimensions	39.37 x 9.35 x 8.17 inches
Item Weight	10.5 pounds
Heating Coverage	90 square feet

Indoor/Outdoor Usage	Outdoor (suitable for covered patios, etc.)
Mounting Type	Wall Mount, Ceiling Mount, Flush Mount
Special Feature	Energy Efficient
UPC	773546317788

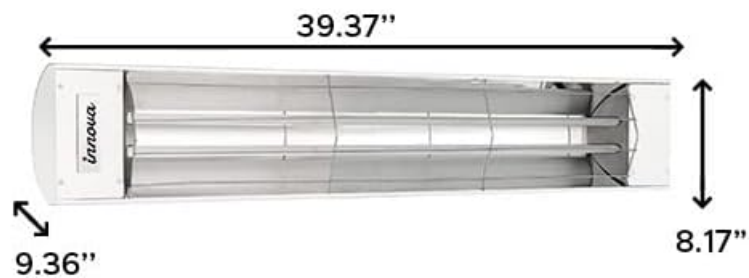


Image: Dimensional drawing of the heater, indicating its length, width, and height.

9. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact Eurofase Heating directly. For technical support or service inquiries, please reach out to your retailer or the manufacturer's customer service department.

Manufacturer: Eurofase Heating