

Eurofase Heating EF60480W2

Eurofase Heating EF60480W2 6000 Watt Electric Infrared Dual Element Heater Instruction Manual

Model: EF60480W2

1. INTRODUCTION

Thank you for choosing the Eurofase Heating EF60480W2 Electric Infrared Dual Element Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your heater. Please read all instructions carefully before installation and use, and retain this manual for future reference.

This infrared heater is designed for outdoor use, providing efficient radiant heat by directly warming objects and people, rather than heating the surrounding air. Its durable steel construction and white finish with a decorative clover fascia make it suitable for various outdoor environments.



Image 1.1: Front view of the Eurofase Heating EF60480W2 infrared heater with its decorative clover fascia.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or property damage.

- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains, at least 3 feet (0.9 meters) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating unattended.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped, or damaged in any manner. Discard heater or return to authorized service facility for examination and/or repair.
- Do not use outdoors if not specifically designed for outdoor use. This model is designed for outdoor use.
- To disconnect heater, turn controls to off, then remove plug from outlet.

- 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.
- Always connect to properly grounded outlets.
- Installation must be performed by a qualified electrician in accordance with all local electrical codes.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged. If any parts are missing or damaged, contact your retailer or Eurofase Heating customer service.

- EF60480W2 Electric Infrared Dual Element Heater
- Mounting Brackets (2)
- Installation Hardware (screws, anchors)
- Instruction Manual



Image 3.1: Included mounting brackets for installation.

4. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	EF60480W2
Brand	Eurofase Heating
Power Output	6000 Watts
Voltage	480V
Fuel Type	Electric
Heater Type	Infrared, Dual Element
Finish Color	White
Decorative Fascia	Clover
Material	Steel
Indoor/Outdoor Usage	Outdoor
Mounting Type	Wall Mount, Ceiling Mount
Product Dimensions (L x W x H)	61.26 x 9.35 x 8.17 inches
Item Weight	14.8 pounds
Heating Coverage	Up to 121 square feet (e.g., 11'x11')
UPC	773546322669

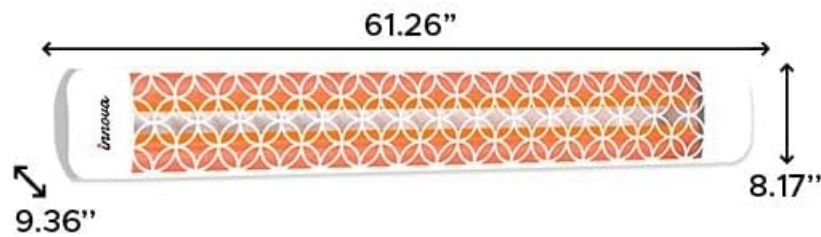


Image 4.1: Diagram showing the dimensions of the EF60480W2 heater.

5. SETUP AND INSTALLATION

IMPORTANT: Installation must be performed by a qualified electrician in accordance with all national and local electrical codes. Ensure power is disconnected at the circuit breaker before beginning installation.

5.1 Mounting Location Considerations

- Ensure the mounting surface is structurally sound and can support the weight of the heater.
- Maintain minimum clearances from combustible materials as specified in the safety section.
- Avoid mounting directly above or below electrical outlets or other heat-sensitive equipment.
- Consider the desired heat coverage area (up to 121 sq. ft.) and mounting height (recommended 8-12 feet) for optimal performance.

5.2 Mounting Options

The EF60480W2 heater offers versatile mounting options, including ceiling, flush, and wall mount, to fit various applications with minimal clearance requirements.



Image 5.1: Visual examples of different mounting configurations: ceiling, flush, and wall mount.

5.3 Installation Steps (General)

1. **Prepare the Mounting Surface:** Mark the desired mounting points for the brackets. Ensure the surface is clean and dry.
2. **Attach Mounting Brackets:** Securely fasten the provided mounting brackets to the chosen surface using appropriate hardware. Ensure they are level and spaced correctly to support the heater.
3. **Mount the Heater:** Carefully lift the heater and attach it to the installed mounting brackets. Ensure it is securely fastened and stable. The brackets allow for adjustment of the heating angle (30°/45°/60°).
4. **Electrical Connection:** A qualified electrician must perform the electrical wiring. Connect the heater to a dedicated 480V circuit in accordance with local electrical codes. Ensure proper grounding.
5. **Final Check:** Before restoring power, double-check all connections and mounting security.



Image 5.2: Diagram illustrating heat coverage area (121 sq. ft.) and adjustable mounting angles (30°, 45°, 60°).

6. OPERATING INSTRUCTIONS

Once the heater is properly installed and connected to power, operation is straightforward.

6.1 Powering On/Off

- **To Turn On:** Activate the dedicated circuit breaker or wall switch connected to the heater. The heating elements will begin to glow and emit heat.
- **To Turn Off:** Deactivate the dedicated circuit breaker or wall switch. The heating elements will cool down.

For optimal comfort, allow the heater a few minutes to reach full operating temperature. Infrared heaters provide immediate

warmth to objects and people in their path, similar to sunlight.



Image 6.1: An example of a wall-mounted control switch, typically used to operate the heater.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Eurofase Heating infrared heater. Always ensure the heater is turned off and completely cool before performing any maintenance.

7.1 Cleaning

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Reflectors and Elements:** Gently clean the reflectors and heating elements with a soft, dry cloth or a soft brush. Avoid touching the elements directly with bare hands, as oils can reduce efficiency. Do not use water or liquid cleaners on the elements.

7.2 Inspection

- Periodically inspect the heater for any signs of damage, loose connections, or wear.
- Check the mounting brackets to ensure they remain secure.
- If any damage is observed, discontinue use and contact a qualified electrician or Eurofase Heating customer service.

8. TROUBLESHOOTING

If you experience issues with your heater, refer to the following troubleshooting guide. If the problem persists, contact a qualified electrician or Eurofase Heating customer service.

Problem	Possible Cause	Solution
Heater does not turn on	No power supply Tripped circuit breaker Faulty wiring/switch	Ensure power is supplied to the circuit. Check and reset the circuit breaker. Consult a qualified electrician to inspect wiring and switch.

Problem	Possible Cause	Solution
Heater produces insufficient heat	Incorrect mounting angle Too far from target area Large open space/drafts	Adjust mounting angle for direct heat. Ensure heater is positioned optimally for the area. Infrared heaters warm objects, not air; ensure direct line of sight.
Unusual odors or smoke	Dust accumulation Foreign object on element Internal fault	Turn off and unplug heater. Allow to cool, then clean elements and reflectors. If problem persists or smoke is significant, discontinue use immediately and contact a qualified electrician.
Visible damage to elements	Impact damage Overheating	Discontinue use immediately. Contact Eurofase Heating for replacement elements or service.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Eurofase Heating website. Keep your proof of purchase for warranty claims.

If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Eurofase Heating customer service through their official channels.

Manufacturer: Eurofase Heating