

## Eurom EK5001

# Eurom EK5001 Electric Fan Heater User Manual

Model: EK5001

## INTRODUCTION

Thank you for purchasing the Eurom EK5001 Electric Fan Heater. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new heater. Please read this manual thoroughly before use and keep it for future reference.

The Eurom EK5001 is a powerful 5000W electric fan heater designed for use in workshops, sheds, and other large spaces. It features a thermostat for temperature control, overheating protection for safety, and a cold air fan function.

## SAFETY INSTRUCTIONS

**WARNING: Read all safety warnings and instructions before using this appliance. Failure to follow the warnings and instructions may result in electric shock, fire, or serious injury.**

- Always ensure the heater is placed on a stable, level surface.
- Do not cover the heater. Covering the heater can lead to overheating and fire.
- Keep flammable materials (curtains, furniture, paper, etc.) at least 1 meter (3 feet) away from the front, sides, and rear of the heater.
- This heater is designed for 400V power supply. Ensure your electrical installation is compatible.
- Do not use this heater in bathrooms, laundry areas, or similar indoor locations where water may be present.
- Unplug the heater when not in use.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- The heater is splash-water resistant, but should not be submerged or exposed to direct water spray.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.



**Figure 1:** Eurom EK5001 Electric Fan Heater. This image shows the red metal casing, the front grille protecting the heating elements and fan, the control panel with two rotary knobs, and the sturdy black metal frame with a handle on top and a power plug visible on the left side.

The Eurom EK5001 features a robust red metal casing with a protective grille on the front. It is equipped with a durable iron frame for stability and portability. The control panel is located on the top front of the unit.

### Components:

1. **Control Panel:** Contains the thermostat and power selection knobs.
2. **Heating Elements:** Located behind the front grille.
3. **Fan:** Circulates air over the heating elements.
4. **Sturdy Frame:** Black metal frame providing support and a carrying handle.
5. **Power Cord and Plug:** For connection to a 400V power supply.

### SETUP

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1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for future storage or

transport.

2. **Placement:** Place the heater on a firm, level, and non-combustible surface. Ensure there is adequate clearance from walls, furniture, and other objects (minimum 1 meter / 3 feet).
3. **Power Connection:** Ensure your power supply is 400V and capable of handling 5000W. Insert the power plug securely into a suitable electrical outlet.
4. **Initial Check:** Before first use, inspect the heater for any visible damage. Do not use if damaged.

## OPERATING INSTRUCTIONS

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The Eurom EK5001 features two rotary knobs on the control panel: one for power selection and one for thermostat control.

### Power Selection Knob:

- **Off (0):** Turns the heater off.
- **Fan Only (Fan Symbol):** Activates the fan without heating, providing cold air circulation.
- **Low Heat (I):** Activates heating at approximately 2500W.
- **High Heat (II):** Activates heating at the full 5000W output.

### Thermostat Control Knob:

This knob allows you to set the desired room temperature. The heater will automatically turn on and off to maintain the set temperature.

1. Turn the power selection knob to your desired heat setting (Low Heat or High Heat).
2. Turn the thermostat knob clockwise to the maximum setting. The heater will begin to operate.
3. Once the room reaches your desired temperature, slowly turn the thermostat knob counter-clockwise until you hear a click and the heater turns off.
4. The heater will now automatically cycle on and off to maintain this temperature.

**Note:** The overheating protection feature will automatically shut off the heater if it becomes too hot. If this occurs, unplug the heater, allow it to cool down for at least 30 minutes, and remove any obstructions before restarting.

## MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your heater.

- **Cleaning:** Before cleaning, always unplug the heater and allow it to cool completely. Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents.
- **Dust Removal:** Periodically use a vacuum cleaner with a brush attachment to remove dust from the grilles and internal components. Ensure the heater is unplugged during this process.
- **Storage:** When not in use for extended periods, store the heater in a cool, dry place, preferably in its original packaging.
- **Inspection:** Regularly inspect the power cord and plug for any signs of damage. If damaged, do not use the heater and contact qualified service personnel.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Overheating protection activated. Power knob is off.	Check if the plug is securely inserted and the power outlet is working. Unplug, let cool for 30 mins, remove obstructions. Turn power knob to 'I' or 'II'.
Heater turns off unexpectedly.	Overheating protection activated. Thermostat reached set temperature.	Unplug, let cool for 30 mins, remove obstructions. This is normal operation. Adjust thermostat to a higher setting if more heat is desired.
Insufficient heating.	Low heat setting selected. Room too large for heater. Obstruction of air intake/output.	Switch to 'II' (High Heat) setting. Consider using multiple heaters or a more powerful unit for very large spaces. Ensure grilles are clear of dust and debris.

If the problem persists after trying these solutions, please contact Eurom customer support or a qualified technician.

## SPECIFICATIONS

<b>Brand:</b>	Eurom
<b>Model Number:</b>	EK5001
<b>Manufacturer Part Number:</b>	253997
<b>Power Source:</b>	Corded Electric
<b>Voltage:</b>	400 Volts
<b>Power Output:</b>	5000 Watts (5 kW)
<b>Color:</b>	Red
<b>Product Dimensions:</b>	Approximately 1 x 1 x 1 cm; 8.08 kg (Note: Dimensions seem incorrect from source, using provided raw data)
<b>Special Features:</b>	Thermostat, Overheating Protection
<b>Mounting Type:</b>	Floor Mount
<b>Recommended Uses:</b>	Garage, Shed, Workshop
<b>First Available Date:</b>	January 15, 2020

## WARRANTY AND SUPPORT

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

For further assistance, you may contact Eurom customer service directly.



