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Kalia BAT-HT20HB

Kalia Ceramic Glass Panel Electric Radiator 2000W User Manual

Model: BAT-HT20HB

1. Introduction

Thank you for choosing the Kalia Ceramic Glass Panel Electric Radiator. This manual provides essential information for the safe and efficient operation of your new heating appliance. Please read these instructions carefully before installation and use, and retain them for future reference.
This 2000W electric radiator features a ceramic dry inertia heating block with a glass facade, an electronic control panel with an LCD screen, and advanced programming options for optimal comfort and energy efficiency.

2. Safety Instructions

To prevent injury or damage, always observe the following safety precautions:

- Ensure the power supply voltage matches the rating label on the appliance.
- Do not cover the radiator or obstruct its air vents, as this can cause overheating.
- Keep flammable materials, such as curtains and furniture, at a safe distance from the radiator.
- Do not operate the radiator with a damaged cord or plug. Contact qualified personnel for repairs.
- This appliance is designed for indoor use only (IP20 rating). Do not use in bathrooms or other areas where it may come into contact with water.
- Do not insert objects into the radiator's openings.
- Unplug the radiator from the power outlet before cleaning or performing any maintenance.
- The radiator is equipped with automatic reset thermal safety to prevent overheating.

3. Product Overview

The Kalia Ceramic Glass Panel Electric Radiator combines efficient heating technology with a modern design.

Key Features:

- **Ceramic Dry Inertia Heating:** Utilizes a ceramic block to store and slowly release heat, providing gentle and

continuous warmth.

- **Glass Facade:** A sleek, curved glass panel enhances heat diffusion and offers a contemporary aesthetic.
- **Electronic Control with LCD Screen:** Digital display for easy temperature adjustment and mode selection.
- **Multiple Operating Modes:** Comfort, Normal, Eco, and Frost Protection.
- **Programmable:** Features 3 pre-installed programs and options for daily and weekly scheduling.
- **Open Window Detection:** Automatically reduces heating power when an open window is detected to save energy.
- **6-Order Pilot Wire:** For advanced centralized control systems.
- **Safety Standards:** Complies with CE/NF/RoHS/ERP directives.

Components:

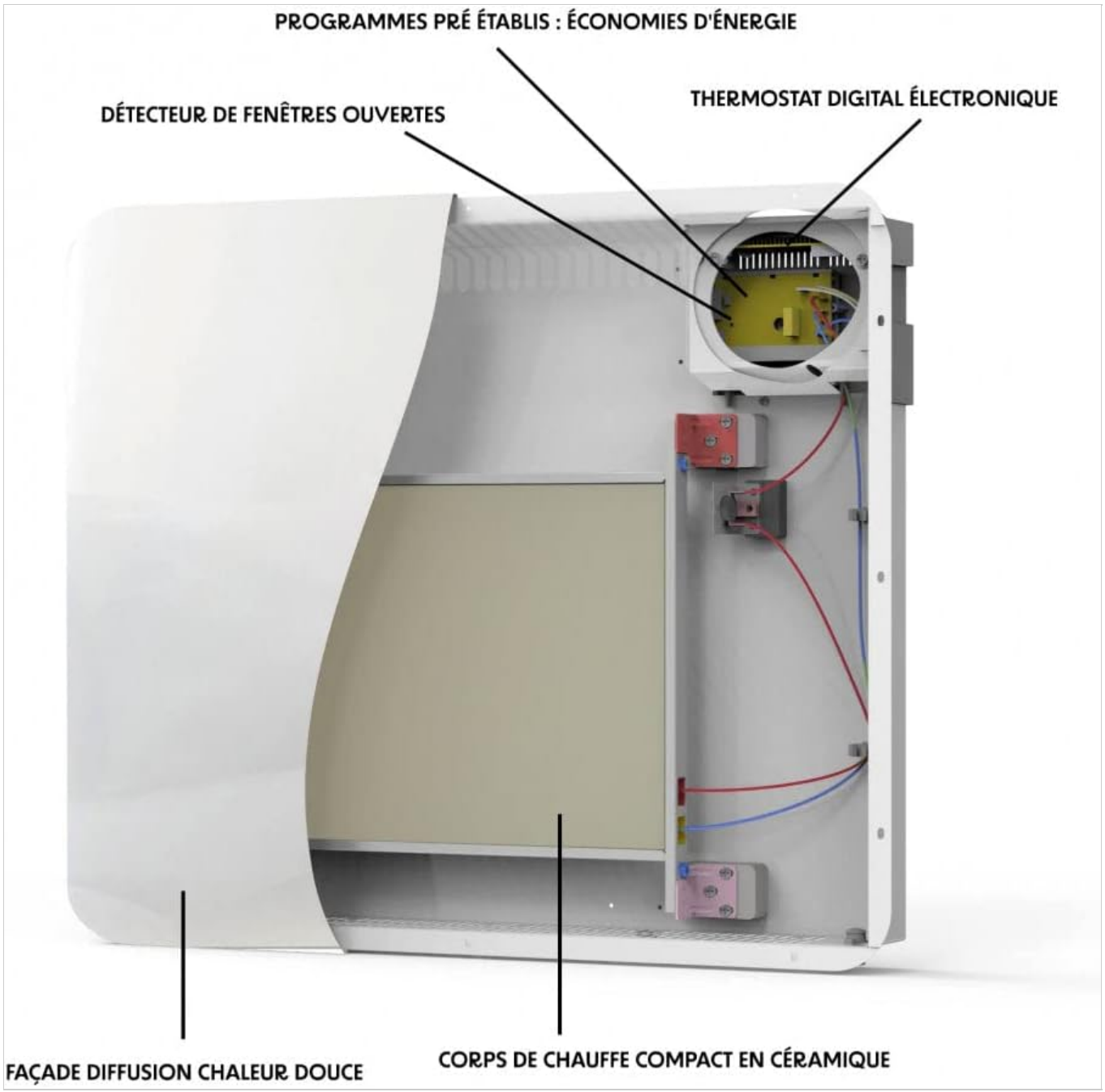


Figure 1: Internal Components Diagram

This diagram illustrates the internal structure of the radiator, highlighting the compact ceramic heating element, the digital electronic thermostat, and the open window detection sensor. The glass facade is shown diffusing gentle heat.



Figure 2: Control Panel and Top Vents
A view of the top section of the radiator, featuring the integrated control panel with its LCD screen for settings and temperature display, along with the heat vents.

4. Installation

The Kalia radiator is designed for easy wall-mounted installation. A mounting kit is included.

Installation Steps:

1. **Choose Location:** Select a suitable wall location, ideally in living areas or children's rooms, ensuring sufficient clearance from furniture and curtains. The radiator is suitable for rooms up to 20m².
2. **Mounting Bracket:** Securely attach the provided wall mounting bracket to the wall using appropriate fasteners. Ensure it is level and capable of supporting the radiator's weight (approx. 13.4 kg).
3. **Electrical Connection:** Connect the radiator to the electrical supply. This model includes a 6-order pilot wire for advanced control systems. For standard installations, follow local electrical codes. The wires are typically blue, black, and brown; refer to the labels for correct identification.
4. **Attach Radiator:** Carefully clip the radiator onto the installed wall bracket. Ensure it is securely locked in place.



Figure 3: Radiator Mounted on Wall

An example of the Kalia radiator installed on a wall, demonstrating its sleek profile and integration into a living space.

Dimensions:



Figure 4: Radiator Dimensions

This diagram illustrates the dimensions of various Kalia radiator models. For the 2000W model, the dimensions are approximately 990 mm (length) x 130 mm (depth) x 450 mm (height).

5. Operation

The radiator features an electronic control panel with an LCD screen for easy operation.

Basic Controls:

- **Power On/Off:** Use the dedicated button to switch the radiator on or off.
- **Temperature Adjustment:** Use the up/down arrow buttons to set the desired temperature. The temperature can be adjusted in 0.5°C increments, typically ranging from 5°C to 29°C.
- **Mode Selection:** Cycle through the available operating modes using the mode button:
  - **Comfort Mode:** Maintains the set temperature for optimal comfort.
  - **Normal Mode:** A standard heating mode.
  - **Eco Mode:** Operates at a reduced temperature (e.g., 3.5°C below Comfort) for energy saving.
  - **Frost Protection Mode:** Maintains a minimum temperature (e.g., 7°C) to prevent freezing.

6. Programming

The radiator offers advanced programming features to optimize heating schedules and energy consumption.

Programming Options:

- **Pre-installed Programs:** The radiator comes with 3 pre-set programs designed for common heating needs. Refer to the on-screen menu to select and activate these programs.
- **Daily and Weekly Programming:** You can customize your heating schedule for each day of the week, setting specific temperatures for different time slots. Consult the detailed programming section in the full manual (if available) for step-by-step instructions.
- **Open Window Detection:** This feature automatically detects a sudden drop in temperature (indicating an open window) and temporarily pauses heating to avoid energy waste. Heating resumes once the window is closed or after a set period.

7. Maintenance

The Kalia Ceramic Glass Panel Electric Radiator requires minimal maintenance.

- **Cleaning:** Ensure the radiator is switched off and unplugged before cleaning. Wipe the glass facade and exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No Internal Maintenance:** The internal components, including the ceramic heating element, do not require user maintenance.

8. Troubleshooting

If you encounter issues with your radiator, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Radiator does not heat	No power supply; thermostat set too low; open window detected.	Check power connection; increase set temperature; close windows/doors.
Display is off or flickering	Power interruption; internal fault.	Check power supply. If issue persists, contact support.
Radiator overheats	Air vents blocked; internal fault.	Ensure vents are clear. The automatic reset thermal safety should activate. If it continues, unplug and contact support.

Problem	Possible Cause	Solution
Settings lost after power outage	The radiator's memory is not retained during a power cut.	Re-enter date, time, and programming settings after power is restored.

If the problem persists after attempting these solutions, please contact customer support.

9. Specifications

Feature	Specification
Brand	Kalia
Model Number	BAT-HT20HB
Power	2000 Watts
Voltage	230 Volts
Material	Ceramic, Glass, Aluminum
Color	White
Dimensions (L x W x H)	99 x 13 x 45 cm
Item Weight	13.4 Kilograms
Heating Method	Convection (Dry Inertia)
Number of Speeds/Modes	4 (Comfort, Normal, Eco, Frost Protection)
Special Feature	Electronic Control, LCD Display, Open Window Detection
Safety Class	Class II
IP Rating	IP20 (Indoor Use Only)
Standards Compliance	CE, NF, RoHS, ERP (2015/1188) Directive
Recommended Use	Home, Office
Mounting Type	Wall Mount



Figure 5: NF Certification Logo

The NF mark indicates compliance with French and European safety and quality standards.

10. Warranty and Support

Your Kalia Ceramic Glass Panel Electric Radiator comes with a**2-year warranty** from the date of purchase, covering

manufacturing defects.
For warranty claims, technical support, or spare parts availability, please contact your retailer or the manufacturer's customer service. Keep your proof of purchase for warranty validation.

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Question

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Details

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

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