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LuxeBath Luxe-080 + Luxe-597

LuxeBath Iron EM Electric Bathroom Radiator User Manual

Model: 500x1400mm White, 900W Heating Element (Luxe-080 + Luxe-597)

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your LuxeBath Iron EM Electric Bathroom Radiator. Please read this manual thoroughly before installation and retain it for future reference. Incorrect installation or operation may result in electric shock, fire, or other hazards.

The LuxeBath Iron EM electric radiator is designed to provide warmth and serve as a towel warmer in bathrooms. It features a high-quality powder-coated steel construction and an integrated 900W electric heating element with a digital thermostat for precise temperature control.



Image 1.1: Overview of LuxeBath Iron EM electric bathroom radiators, showcasing different sizes and finishes.

2. Safety Information

- **Electrical Safety:** This appliance must be installed by a qualified electrician in accordance with local wiring regulations. Ensure the power supply matches the specifications of the heating element (230V / 50Hz).
- **Water and Moisture:** Do not install the radiator directly above a bathtub or shower. Ensure the heating element and electrical connections are protected from water splashes.
- **Mounting:** The radiator must be securely wall-mounted using the provided brackets. Ensure the wall material can support the weight of the radiator when filled.
- **Heating Element Placement:** For safety and optimal performance, the electric heating element must always be installed at the bottom of the radiator to prevent dry running.
- **Heat Transfer Fluid:** The radiator must be filled with an appropriate heat transfer fluid before operating the electric heating element. Do not operate the heating element in an empty radiator.
- **Children and Vulnerable Persons:** This appliance can be used by children aged 8 years and above and persons

with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- **Hot Surface:** The surface of the radiator will become hot during operation. Avoid prolonged contact to prevent burns.

3. Package Contents

Carefully unpack the box and ensure all components are present and undamaged. If any parts are missing or damaged, contact your supplier immediately.

- 1 x LuxeBath Iron EM Design Radiator (500x1400mm White)
- 1 x 900W Electric Heating Element with Digital Thermostat
- 4 x Wall Mount Brackets
- 4 x Wall Plugs (Dowels)
- 4 x Bracket Screws
- 4 x Washers
- 2 x Cover Caps
- 1 x Bleed Valve



Image 3.1: Illustrated scope of supply, showing the radiator, electric heating element, and all wall mounting accessories.

4. Installation

Installation should be performed by a qualified professional to ensure compliance with all safety standards and local regulations.

4.1. Radiator Mounting

1. **Choose Location:** Select a suitable wall location, ensuring sufficient clearance from other objects and electrical outlets. Refer to the technical drawing for dimensions and wall distance.
2. **Mark Drilling Points:** Use the provided wall brackets to mark the drilling points on the wall. Ensure the radiator will be level.
3. **Drill Holes:** Drill holes of appropriate size for the wall plugs (dowels).
4. **Insert Plugs and Mount Brackets:** Insert the wall plugs and securely fasten the wall brackets using the bracket screws and washers.
5. **Attach Radiator:** Carefully lift the radiator and attach it to the mounted brackets. Ensure it is stable and secure.

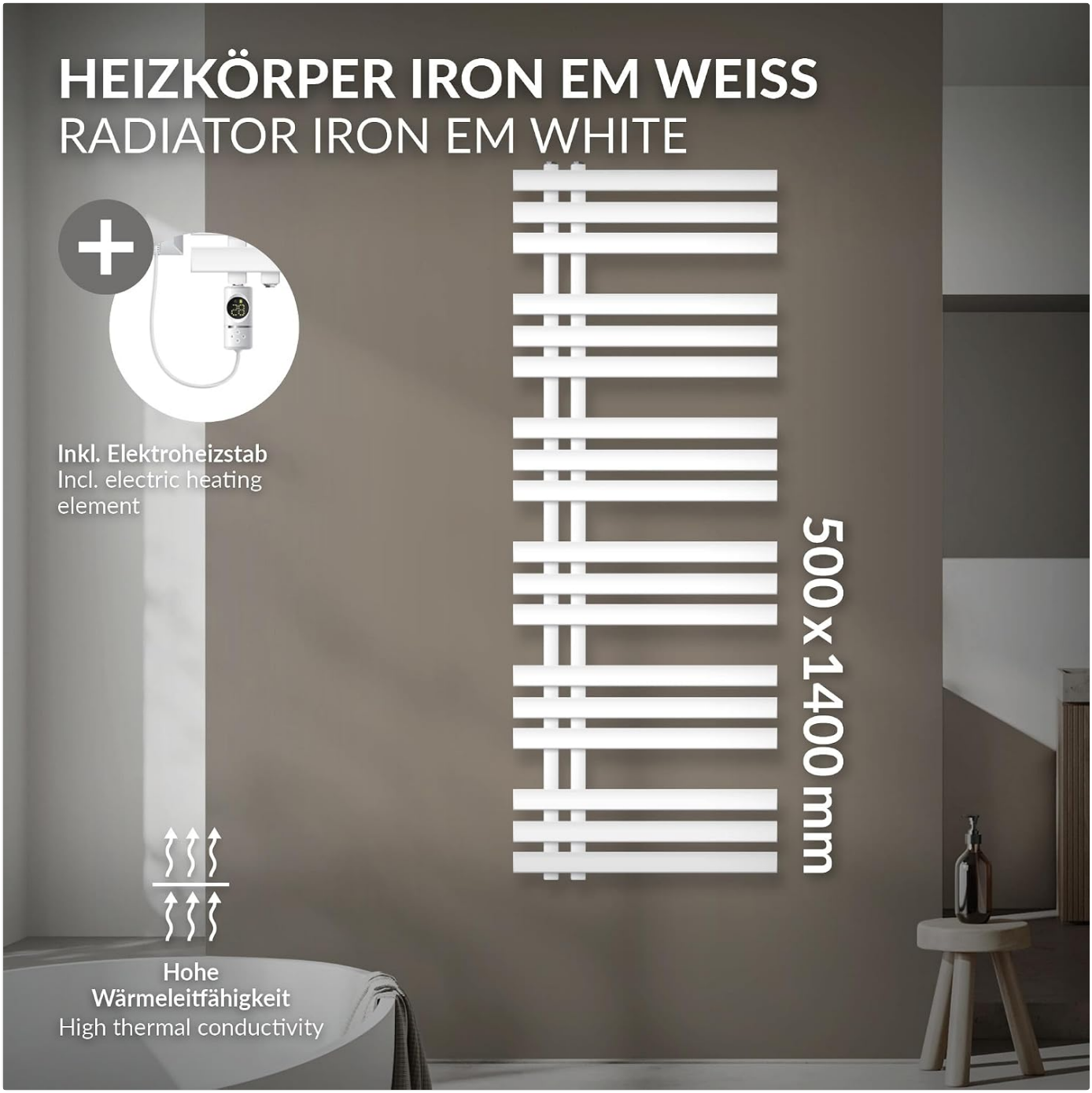


Image 4.1: The LuxeBath Iron EM electric radiator (500x1400mm, white) with its integrated electric heating element, highlighting its high thermal conductivity.

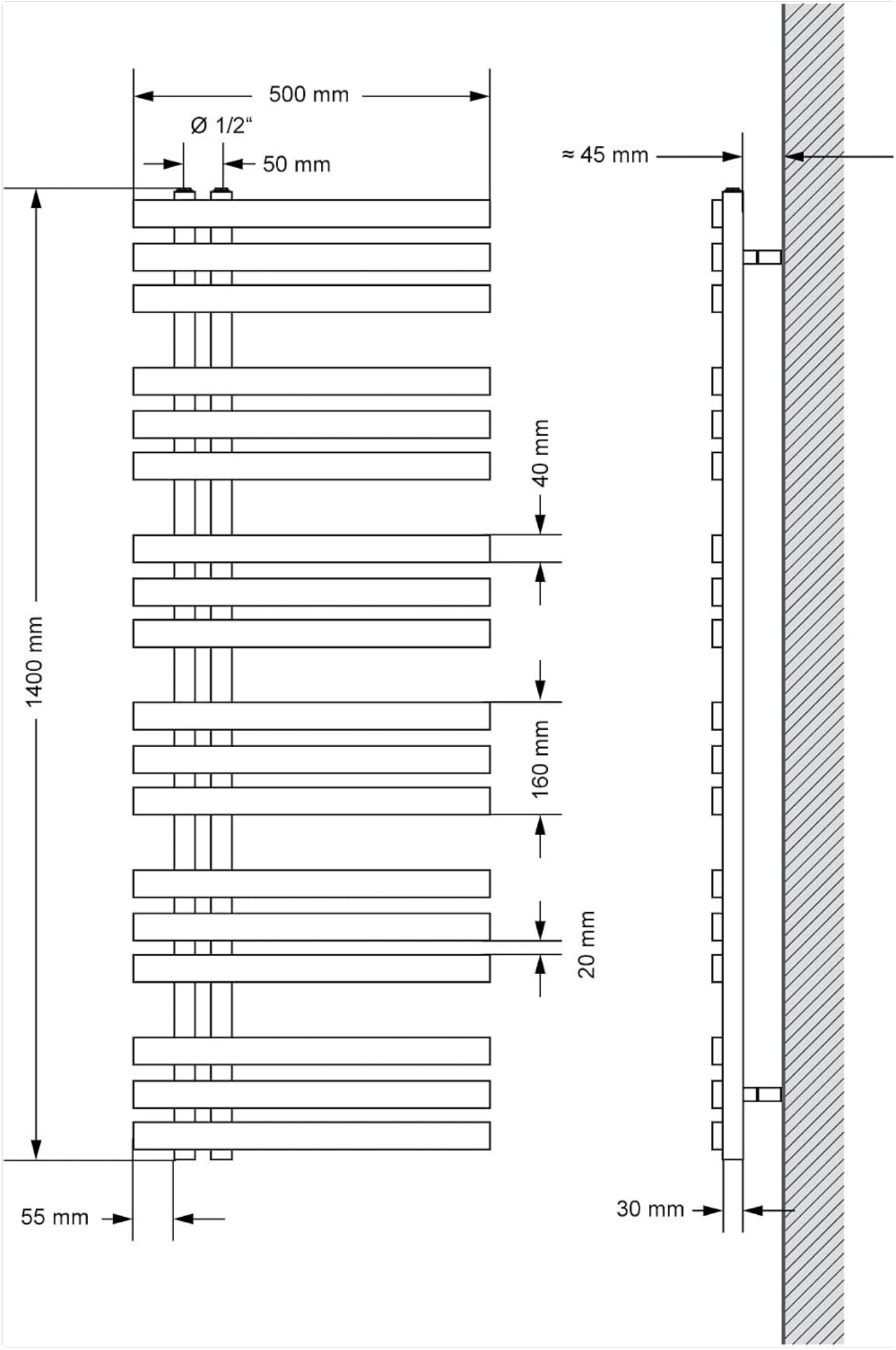

500 mm
Ø 1/2“
50 mm
≈ 45 mm
1400 mm
40 mm
160 mm
20 mm
55 mm
30 mm

Image 4.2: Detailed technical drawing showing the radiator's dimensions (500x1400mm) and wall mounting distances.

4.2. Filling with Heat Transfer Fluid

Before installing the electric heating element, the radiator must be filled with a suitable heat transfer fluid. This fluid ensures efficient heat distribution and protects the heating element from overheating. Consult a professional for the correct type and volume of fluid.

4.3. Electric Heating Element Installation

1. **Insert Element:** Carefully insert the 900W electric heating element into the bottom connection port of the radiator.
2. **Tighten:** Securely tighten the heating element to prevent leaks.
3. **Bleed Air:** Open the bleed valve at the top of the radiator to release any trapped air. Close the valve once fluid starts to emerge.
4. **Electrical Connection:** Connect the heating element to the mains power supply. This step must be performed by a qualified electrician. Ensure the connection is waterproof and meets all electrical safety standards.



Image 4.3: Connection diagram illustrating various radiator connection types. For this electric model, the electric heater connection is

utilized at the bottom.



Image 4.4: Details of the radiator's construction, emphasizing high-quality materials, heat-resistant powder coating, steel layer, interior coating, and robust wall mounting for secure installation.

5. Operating Instructions

The LuxeBath Iron EM radiator is equipped with a 900W electric heating element featuring a digital thermostat for precise temperature control and a timer function.

5.1. Powering On/Off

Plug the heating element's power cable into a suitable electrical outlet. The digital display will illuminate, indicating the unit is in standby mode or displaying the current temperature.

5.2. Setting Temperature

1. Press the power button (if in standby) to activate the heating element.
2. Use the '+' and '-' buttons on the digital thermostat to adjust the desired temperature. The temperature range is typically 10°C to 65°C.

3. The display will show the set temperature, then revert to showing the current room temperature or operating status.

5.3. Timer Function

Refer to the specific instructions provided with your heating element for detailed guidance on setting the timer. This function allows you to program the radiator to turn on or off at specific times, optimizing energy consumption.

5.4. Towel Warming

The radiator's design allows it to function as a towel warmer. Hang towels on the horizontal bars to dry them or keep them warm. This also helps reduce humidity in the bathroom.





Image 5.1: The 900W electric heating element with its digital display, showing temperature control and power connection.



Image 5.2: The radiator serving as a towel holder, illustrating its dual function for heating and drying towels efficiently.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your LuxeBath radiator.

6.1. Cleaning

- Always disconnect the radiator from the power supply before cleaning.
- Wipe the radiator surface with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the powder coating.
- Ensure no water enters the electrical components of the heating element.

6.2. Fluid Level Check

Periodically check the level of the heat transfer fluid. If the level is low, consult a professional to top it up with the appropriate fluid. Never operate the heating element if the fluid level is insufficient.

6.3. Bleeding

If you notice cold spots on the radiator or hear gurgling noises, there might be air trapped inside. Turn off the radiator, allow it to cool, and then carefully open the bleed valve at the top to release the air. Close the valve once fluid starts to emerge. Repeat if necessary.

7. Troubleshooting

If you encounter issues with your radiator, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

- **Radiator not heating:**
  - Check if the power cable is securely plugged in.
  - Verify that the circuit breaker has not tripped.
  - Ensure the thermostat is set to a temperature higher than the current room temperature.
  - Check if the heating element is properly installed and submerged in heat transfer fluid.
- **Radiator partially cold:**
  - Air may be trapped inside the radiator. Bleed the radiator as described in Section 6.3.
  - The heat transfer fluid level might be low. Consult a professional to check and refill.
- **Digital display not working:**
  - Check the power supply to the heating element.
  - If power is present and the display remains off, the heating element may be faulty and require replacement by a professional.
- **Unusual noises (gurgling, bubbling):**
  - This usually indicates air trapped in the system. Bleed the radiator.

8. Specifications

Component	Specification
Brand	LuxeBath
Model Number	Luxe-080 + Luxe-597
Radiator Material	Powder-coated Steel
Radiator Color	White
Radiator Dimensions (W x H)	500 mm x 1400 mm
Number of Slats	18
Tube Dimension	40 x 10 x 1.5 mm
Profile	Ø 30 x 1.5
Max Operating Pressure	5 bar

Component	Specification
Test Pressure	6.5 bar
Wall Distance	Approx. 45 mm
Radiator Weight	Approx. 14.5 kg
Heating Element Power	900W
Heating Element Voltage	230 V / 50 Hz
Temperature Range	10°C - 65°C (+/- 1°C)
Connection Cable Length	1.15 m
Heating Element Connection Size	1/2"
Heating Element Total Length	865 mm
Heating Element Type	RD 10

9. Warranty and Support

Information regarding specific warranty terms and availability of spare parts for the LuxeBath Iron EM Electric Bathroom Radiator is not provided in the product data. For warranty claims, technical support, or spare parts inquiries, please contact your retailer or the manufacturer directly. Always provide your model number (Luxe-080 + Luxe-597) and purchase date when seeking support.

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