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LuxeBath Luxe-088 + Luxe-591

LuxeBath Iron EM Electric Bathroom Radiator User Manual

Model: Luxe-088 + Luxe-591

1. Important Safety Information

Please read this manual carefully before installation and operation. Keep it for future reference. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Ensure the power supply matches the voltage specified on the product label (230 V / 50 Hz).
- Installation must be performed by a qualified electrician in accordance with local wiring regulations and building codes.
- Do not operate the radiator if the power cord or heating element is damaged.
- Keep children and pets away from the radiator during operation.
- Do not cover the radiator with clothing or other materials, as this can cause overheating.
- The heating element must be installed below the radiator to prevent it from drying out.
- The radiator must be filled with a suitable heat transfer fluid for proper operation.
- Avoid spraying water directly onto the electrical components.

2. Product Overview

The LuxeBath Iron EM Electric Bathroom Radiator is designed to provide efficient heating and serve as a towel warmer in bathrooms. It features a durable steel construction with a powder-coated finish, ensuring excellent thermal conductivity and stability. This model includes an integrated electric heating element with a digital thermostat for precise temperature control.

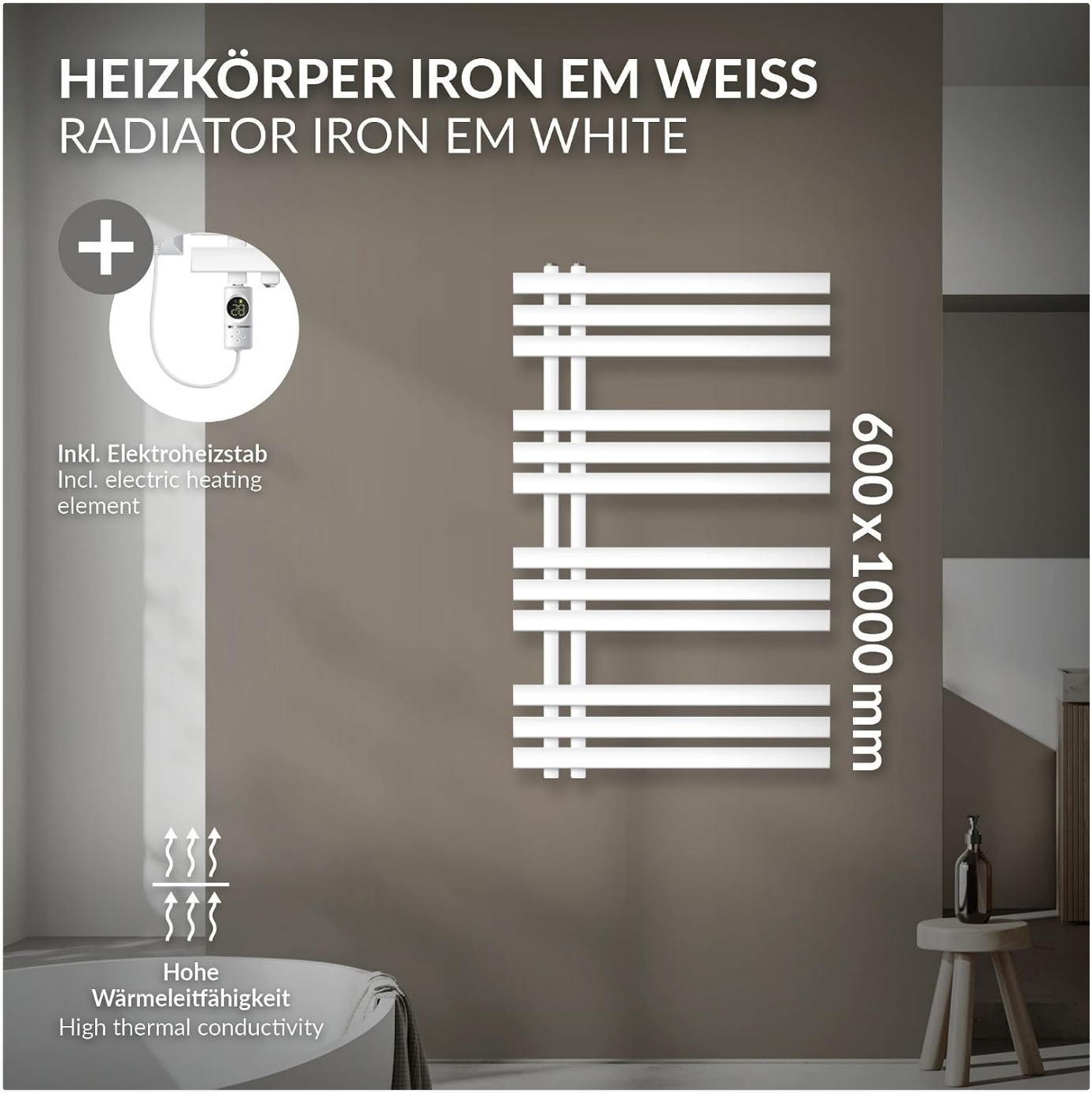


Image 2.1: LuxeBath Iron EM Radiator (600x1000mm, White) with Electric Heating Element.

3. Package Contents

Verify that all components listed below are present in your package:

- 1 x Design Radiator
- 4 x Wall Brackets
- 4 x Dowels
- 4 x Bracket Screws
- 4 x Washers
- 2 x Seal Plugs
- 1 x Bleed Valve
- 1 x Electric Heating Element (300W, White)

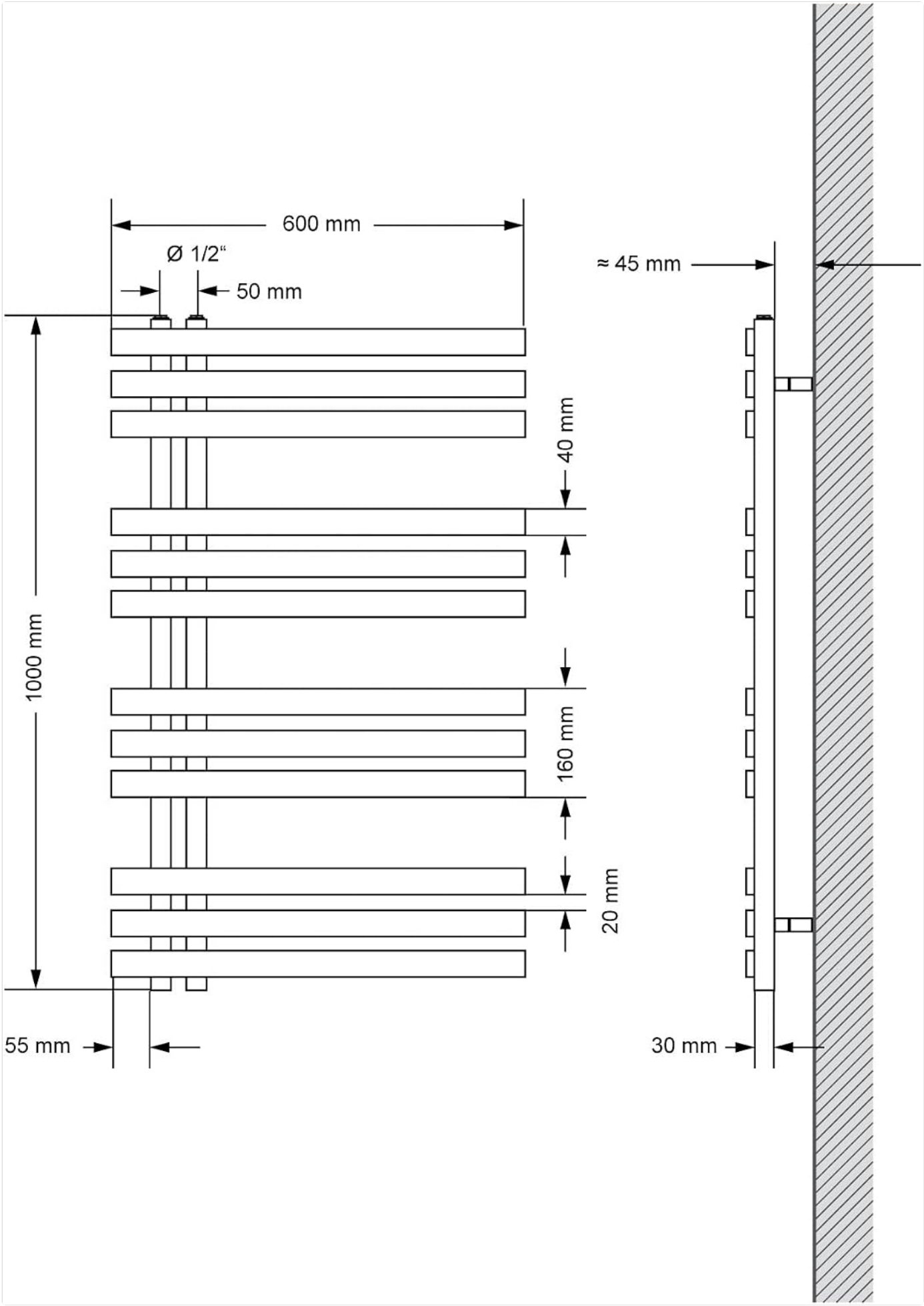


Image 3.1: Scope of Supply - All included parts.

4. Technical Specifications

Radiator

Brand	LuxeBath
Model Number	Luxe-088 + Luxe-591
Material	Powder-coated Steel
Color	White
Dimensions (W x H)	600 mm x 1000 mm
Tube Dimensions	40 x 10 x 1.5 mm
Number of Slats	12
Thermal Output (Water)	500 W
Thermal Capacity (Water)	1650 BTU
Connection Thread	G1/2"
Connection Dimension	50 mm
Max. Operating Pressure	5 bar
Test Pressure	6.5 bar
Distance to Wall	Approx. 45 mm
Operation Type	Hot Water (when connected to central heating)
Weight	Approx. 12.19 kg

Electric Heating Element

Heating Power	300 W
Voltage / Frequency	230 V / 50 Hz
Temperature Range	10°C - 65°C (+/- 1°C)
Connection Cable Length	1.15 m
Color	White
Heating Element Diameter	Approx. Ø 12 mm
Heating Element Head Diameter	Approx. Ø 45 mm
Connection Size	1/2"
Total Length	430 mm

Heating Length	310 mm
Type	RD 10





Image 4.1: Radiator Technical Drawing with Dimensions.



Image 4.2: Electric Heating Element with Digital Thermostat.

5. Installation (Setup)

The electric towel rail radiator is designed for easy installation. Follow these steps carefully:

1. **Preparation:** Ensure the installation area is suitable and that the wall can support the weight of the radiator when filled. Turn off the main power supply before beginning installation.
2. **Mounting the Radiator:**
    - Mark the drilling points on the wall according to the radiator's dimensions and the wall bracket positions. Refer to Image 4.1 for dimensions.
    - Drill holes and insert the dowels.
    - Attach the wall brackets securely using the bracket screws and washers.
    - Mount the radiator onto the installed wall brackets.
3. **Filling the Radiator:** The radiator must be filled with a suitable heat transfer fluid (not supplied) before installing the electric heating element. Consult a professional if unsure about the type or quantity of fluid.
4. **Installing the Electric Heating Element:**
    - Ensure the radiator is filled with fluid and properly sealed.
    - Screw the electric heating element into the designated connection port at the **bottom** of the radiator. This placement is crucial to prevent the element from drying out and overheating.
    - Tighten the element securely to prevent leaks.
5. **Electrical Connection:** Connect the heating element to a suitable electrical outlet. This connection should be done by a qualified electrician.
6. **Bleeding the Radiator:** Open the bleed valve (usually located at the top of the radiator) to release any trapped air. Close the valve once water starts to emerge steadily.



Image 5.1: Connection Options and Electric Heating Element Placement.



Image 5.2: High-Quality Materials and Robust Wall Mount.

6. Operation

The electric heating element features a digital thermostat for precise temperature control and a timer function.

Basic Operation

1. **Power On/Off:** Plug the heating element into a power outlet. The digital display will illuminate. Press the power button (usually indicated by a circle or power symbol) to turn the unit on or off.
2. **Setting Temperature:** Use the up (▲) and down (▼) arrow buttons to adjust the desired temperature. The temperature range is typically 10°C to 65°C. The display will show the set temperature.
3. **Thermostat Function:** The heating element will automatically turn on and off to maintain the set temperature.

Timer Function

Refer to the specific instructions provided with your heating element for detailed timer programming. Generally, a timer button allows you to set specific operating periods.

Towel Warming

The radiator is designed to warm and dry towels. Place towels over the horizontal bars. Avoid overcrowding to ensure efficient heat transfer and drying.



Image 6.1: Ideal Towel Holder Functionality.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your radiator.

- **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.
- **Inspection:** Periodically check the wall mounts for tightness and the electrical cable for any signs of damage.
- **Bleeding (if connected to central heating):** If the radiator is also connected to a central heating system, bleed it periodically to remove trapped air, which can reduce heating efficiency.

- **Fluid Level (for electric operation):** Ensure the radiator remains adequately filled with heat transfer fluid. If the fluid level drops significantly, consult a professional.

8. Troubleshooting

If you encounter issues with your radiator, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Radiator not heating (electric mode)	◦ No power: Check if the heating element is plugged in and the power outlet is functional. ◦ Heating element off: Ensure the heating element is switched on via its power button. ◦ Temperature set too low: Increase the set temperature on the digital thermostat. ◦ Insufficient fluid: Ensure the radiator is adequately filled with heat transfer fluid.
Radiator not heating evenly	◦ Trapped air: Bleed the radiator to release any air pockets. ◦ Insufficient fluid: Check and top up the heat transfer fluid if necessary.
Leaking from connections	◦ Loose connections: Tighten all connections, including the heating element and bleed valve. Do not overtighten. ◦ Damaged seals: Replace any damaged washers or seal plugs.
Digital display not working	◦ No power: Check power supply to the heating element. ◦ Faulty element: If power is present and the display remains off, the heating element may be faulty and require replacement.

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

9. Warranty and Support

LuxeBath products are manufactured to high-quality standards. For warranty information and customer support, please refer to your purchase documentation or contact the seller directly.

Note: Information regarding spare parts availability is not provided in the product details. Please contact the seller for inquiries about replacement parts.

For further assistance, please visit the LuxeBath website or contact their customer service department.

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