LuxeBath Iron EM 600x1400

LuxeBath Iron EM Bathroom Radiator 600x1400 mm - User Manual

Model: Iron EM 600x1400 | Brand: LuxeBath

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your LuxeBath Iron EM Bathroom Radiator. Please read these instructions carefully before installation and retain them for future reference.

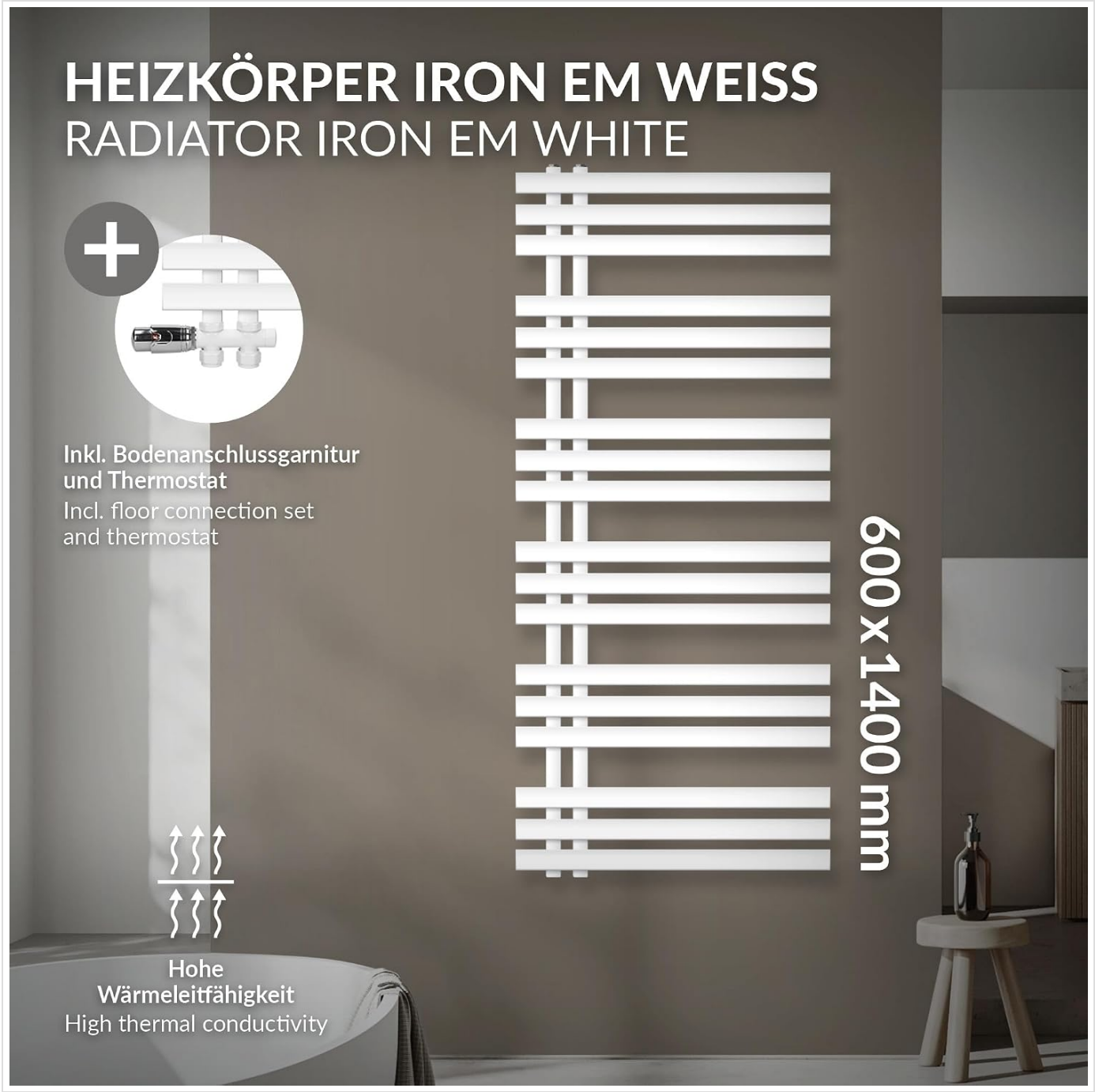


Image 1.1: LuxeBath Iron EM Bathroom Radiator (600x1400 mm) with floor connection set and thermostat.

The LuxeBath Iron EM radiator is designed to provide efficient heating for your bathroom while also serving as a practical towel warmer. Its modern design and high-quality construction ensure durability and ease of cleaning.

2. Safety Instructions

- Installation must be carried out by a qualified professional in accordance with local building and plumbing regulations.
- Ensure the heating system is depressurized and drained before commencing installation.
- Do not operate the radiator if it is damaged or leaking.
- Keep children away from the radiator when it is hot to prevent burns.
- Do not cover the radiator with excessive items as this can impede heat dissipation and pose a fire risk.
- The radiator is designed for central heating systems. Do not connect to other systems unless explicitly stated.

3. Package Contents

Verify that all components listed below are present and undamaged before beginning installation:

- Design Radiator
- Bleed Valve
- Seal Plug
- Wall Mounting Kit (4x wall brackets, 4x dowels, 4x bracket screws, 4x washers)
- Mounting Instructions
- Thermostat + Central Connection Fitting

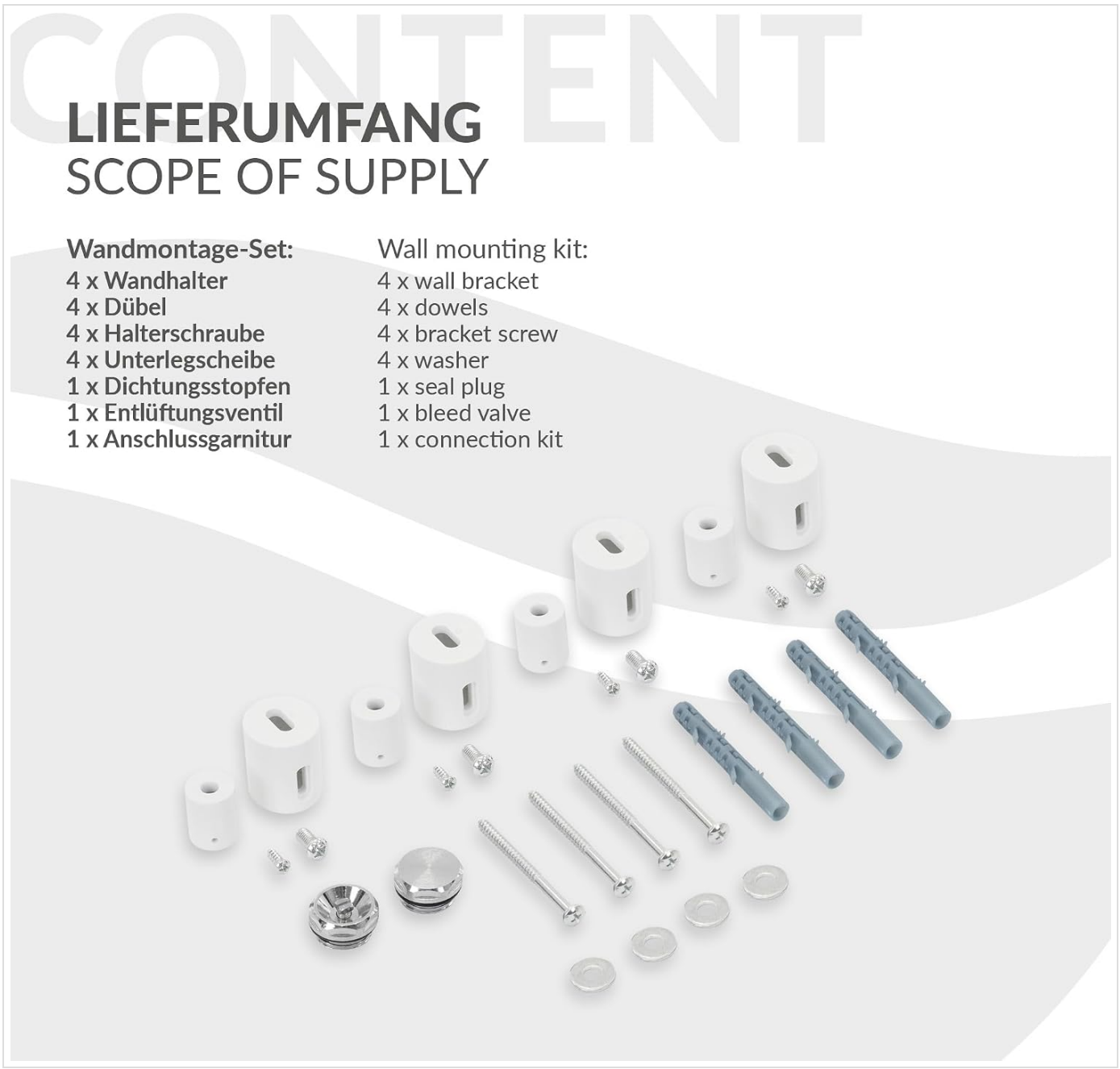


Image 3.1: Scope of Supply - All included components.



Image 3.2: Central Connection Fitting and Thermostat components.

4. Setup and Installation

The LuxeBath Iron EM radiator is designed for two-pipe central heating systems with a central bottom connection. The wall mounting kit is included for secure installation.

4.1 Wall Mounting

1. Determine the desired position for the radiator, ensuring adequate clearance from walls and other objects. The distance to the wall is approximately 6.5 cm.
2. Mark the drilling points for the wall brackets using the provided technical drawing as a guide.
3. Drill holes and insert the dowels.
4. Attach the wall brackets securely to the wall using the bracket screws and washers.
5. Carefully hang the radiator onto the installed wall brackets.

4.2 Connection to Heating System

The radiator features a G1/2" connection thread and is designed for a 50 mm pipe distance for the central connection. The connection fitting is suitable for floor passage (pipes coming from the floor).

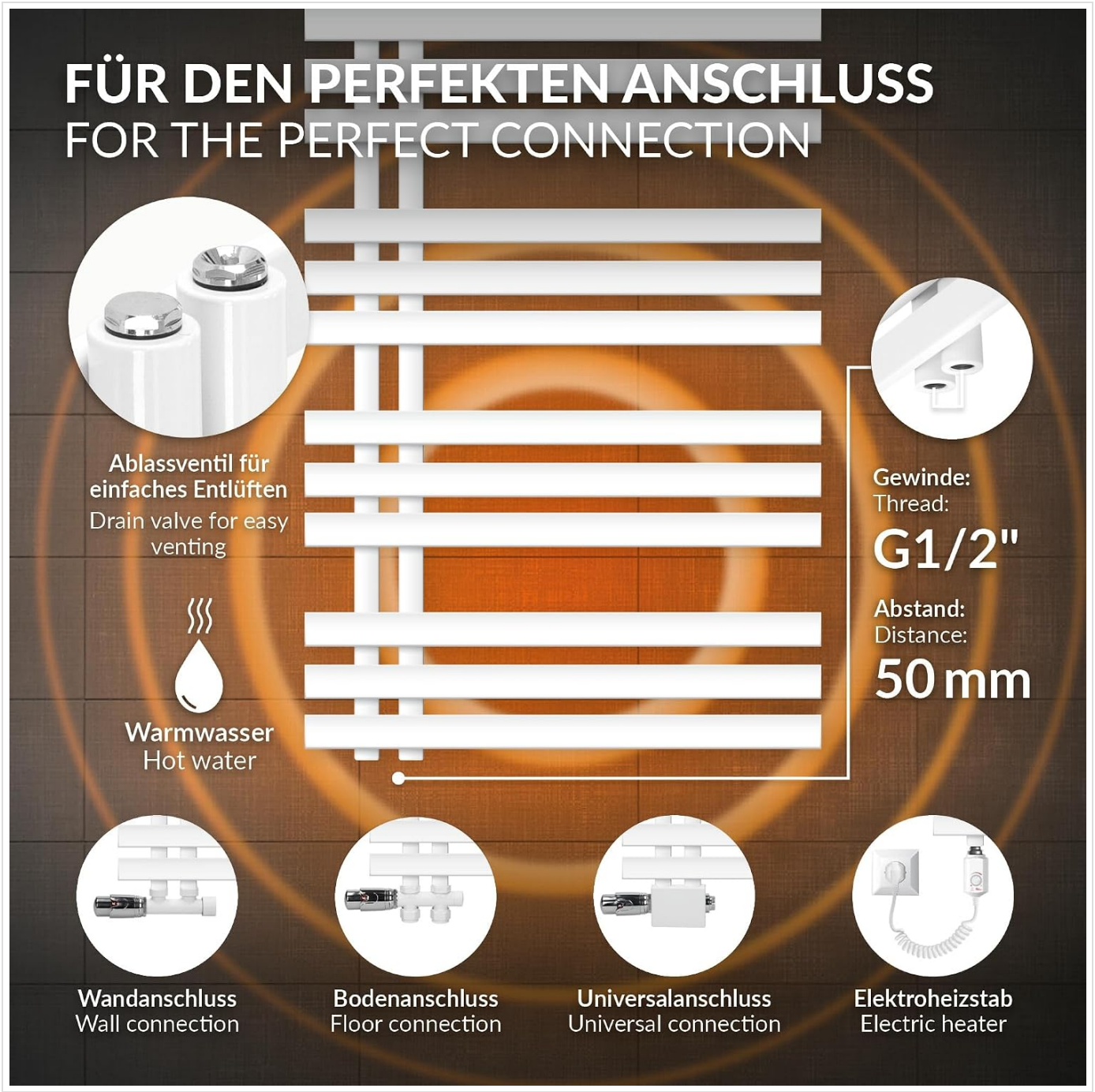


Image 4.1: Connection options and specifications.

1. Connect the central connection fitting to the radiator's G1/2" threads.
2. Connect the heating system pipes (G 3/4" male thread with cone for compression fitting set) to the central connection fitting. Ensure all connections are sealed properly to prevent leaks.
3. Install the bleed valve and seal plug at the top of the radiator.
4. The pre-set valve insert, including a key, allows for hydraulic balancing.
5. Once connections are secure, slowly refill the heating system and check for any leaks.
6. Bleed the radiator using the bleed valve until water flows out steadily, indicating all air has been removed.

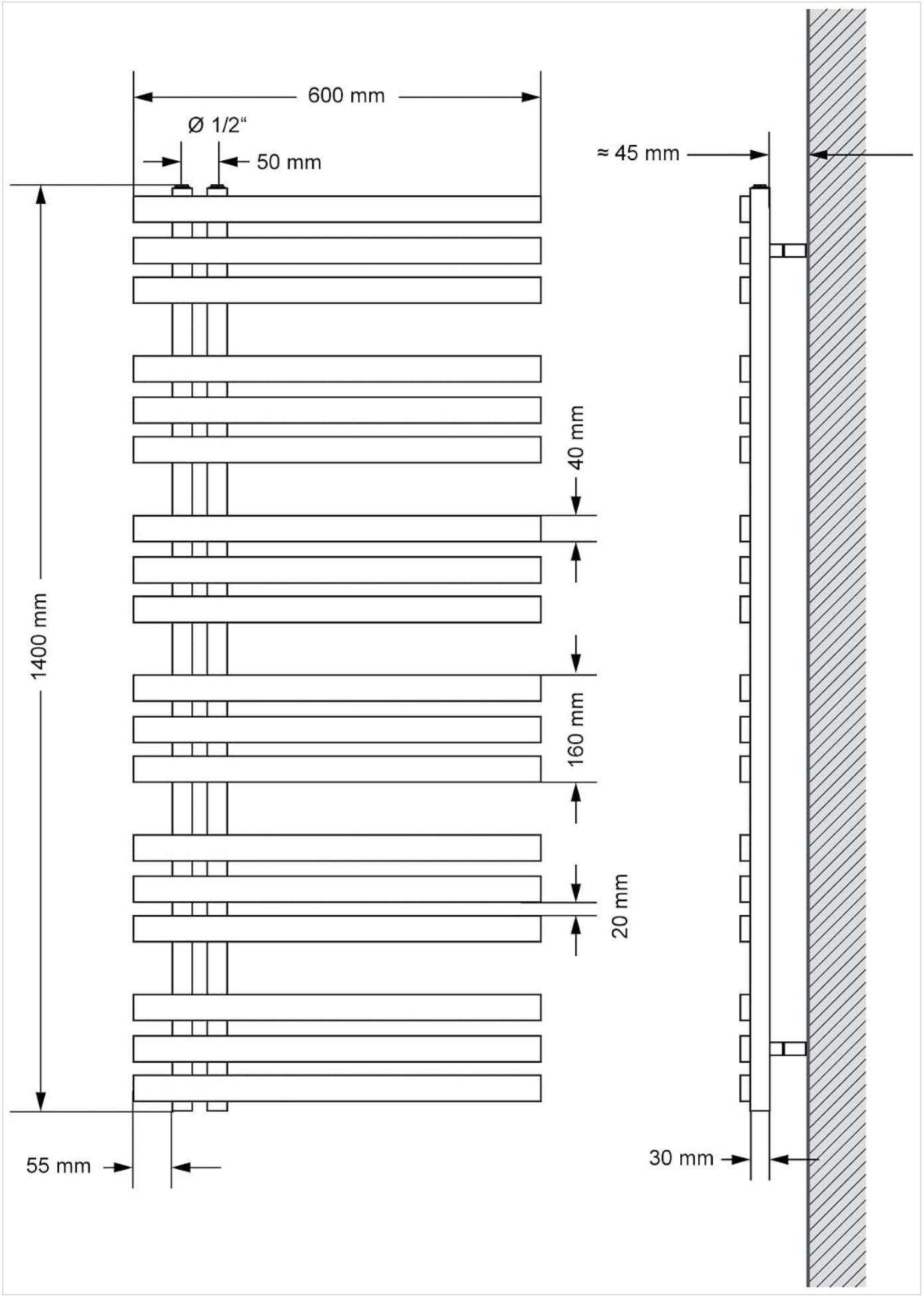


Image 4.2: Technical drawing with dimensions.

5. Operating Instructions

Your LuxeBath Iron EM radiator is equipped with a thermostat for temperature control and an anti-freeze position.

5.1 Temperature Control

- The thermostat has 5 adjustable levels, allowing you to set the desired room temperature.
- The setting range is 0-30 °C.
- Turn the thermostat head to the desired setting. Higher numbers correspond to higher temperatures.

5.2 Anti-Freeze Protection

- The thermostat includes a "0" position and an anti-freeze protection setting.
- When set to the anti-freeze position, the radiator will maintain a minimum temperature of 6 °C to prevent freezing of the heating system.

5.3 Towel Warming Function

The design of the radiator allows it to function as an ideal towel warmer or dryer. Hang towels on the horizontal bars for efficient drying and warming.



Image 5.1: Radiator used as a towel holder.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your radiator.

6.1 Cleaning

- Clean the radiator regularly with a soft, damp cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the heat-resistant powder coating.
- Ensure the radiator is cool before cleaning.



Image 6.1: High-quality materials and coating for easy maintenance.

6.2 Bleeding the Radiator

If the radiator is not heating evenly or makes gurgling noises, it may contain air. Bleed the radiator using the bleed valve at the top:

1. Ensure the heating system is operating and the radiator is hot.
2. Place a container under the bleed valve to catch any water.
3. Carefully open the bleed valve with a radiator key or screwdriver.
4. Allow the air to escape until water starts to flow out steadily.
5. Close the bleed valve tightly.
6. Check the pressure of your heating system and top up if necessary.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Radiator not heating	Air in the system; Thermostat set too low; System pressure too low; Valve closed.	Bleed the radiator; Increase thermostat setting; Check system pressure and refill; Ensure valve is open.
Radiator heating unevenly	Air in the system; Hydraulic imbalance.	Bleed the radiator; Adjust the pre-set valve insert for hydraulic balancing (professional assistance recommended).
Gurgling noises	Air in the system.	Bleed the radiator.
Leakage at connections	Loose connection; Damaged seal.	Tighten connections (do not overtighten); Replace seals if damaged. If leakage persists, contact a professional.

8. Specifications

Feature	Specification
Model	Iron EM
Dimensions (W x H)	600 mm x 1400 mm
Number of Tubes	18
Connection Distance	50 mm (central connection)
Tube Dimensions	40 x 10 x 1.5 mm
Profile	Ø 30 x 1.5 mm
Thermal Output (DT50)	700 Watt (2450 BTU)
Connection Thread	G1/2"
Max. Operating Pressure	5 bar (10 bar for connection fitting)
Test Pressure	6.5 bar
Max. Operating Temperature	110°C (for connection fitting)
Color	White
Distance to Wall	Approx. 6.5 cm
Weight	Approx. 18.56 kg
Material	Steel

9. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the point of purchase or contact your retailer. If you encounter any issues not covered in this manual or require technical assistance, please contact LuxeBath customer support or your authorized dealer.

Please have your product model number (Iron EM 600x1400) and purchase details ready when contacting support.

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