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LuxeBath Luxe-135

LuxeBath Sahara Curved Bathroom Radiator 400x1200mm - Installation and Operation Manual

Model: Luxe-135

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your LuxeBath Sahara Curved Bathroom Radiator. Please read this manual thoroughly before installation and retain it for future reference.

The LuxeBath Sahara radiator is designed to provide efficient heating and towel warming in bathrooms and other living spaces. It features a curved design with lateral connections and is suitable for both central heating systems and electric operation (with an appropriate heating element, sold separately).



Figure 1: LuxeBath Sahara Curved Bathroom Radiator. This image shows the radiator installed, highlighting its curved design and white finish.

2. SAFETY INFORMATION

- Installation must be performed by a qualified professional in accordance with local building and electrical regulations.
- Ensure the wall structure can support the weight of the radiator when filled with water.
- Do not cover the radiator with flammable materials.
- Keep children away from the radiator when it is hot to prevent burns.
- If used with an electric heating element, ensure it is correctly installed and grounded. The heating element is not included with this product.
- Always disconnect power before performing any maintenance or repairs on an electrically operated radiator.

3. PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- LuxeBath Bathroom Radiator

- 1/2 inch Bleed Valve
- 1/2 inch Blanking Plug
- Mounting Instructions (this manual)
- Wall Mounting Kit:
 - 4 x Wall Brackets
 - 4 x Screws and Wall Plugs
 - 4 x Support Screws
 - 4 x Washers



Figure 2: Included Wall Mounting Kit and Accessories. This image displays the complete set of hardware provided for installing the radiator, including the wall brackets, various screws, wall plugs, and the necessary valves for operation.

4. SPECIFICATIONS

Feature	Detail
Model	Luxe-135
Connection Type	Lateral connection, 1/2 inch threaded connection
Design	Curved
Color	White
Material	High-quality Steel
Width	400 mm
Height	1200 mm
Connection Distance	255 mm
Tube Diameter	Ø 22 mm
Vertical D-Profiles	30 x 40 x 1.5 mm
Horizontal Round Tubes	22 x 1.2 mm
Thermal Output	350 W (1194 BTU)
Water Volume	4.46 L
Weight	6.79 kg
Max. Operating Pressure	10 bar (1 MPa)
Test Pressure	12 bar (1.2 MPa)
Distance to Wall	Approx. 5 cm
Mounting Depth (wall to tube center)	75 to 100 mm

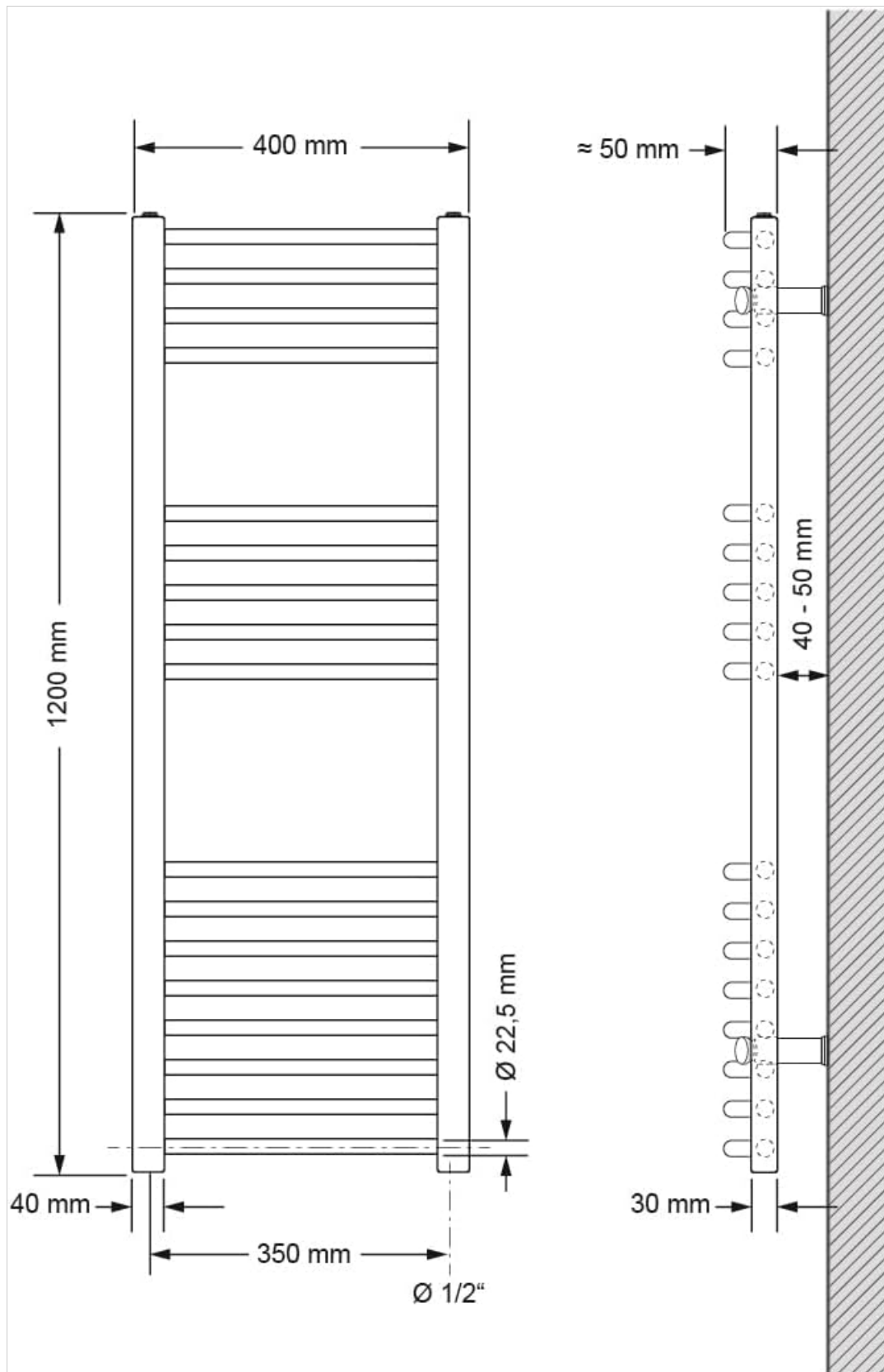


Figure 3: Technical Dimensions. This diagram illustrates the key measurements of the radiator, including its width, height, distance from the wall, and pipe connection specifications, crucial for planning installation.

5. INSTALLATION

5.1 Pre-Installation Checks

- Ensure the chosen installation location has adequate wall strength to support the radiator.
- Verify that the plumbing connections (for central heating) or electrical supply (for electric operation) are correctly positioned and accessible.

- Unpack all components and check against the "Package Contents" list.

5.2 Mounting the Radiator

1. **Marking Drill Holes:** Refer to the technical drawing (Figure 3) and the provided mounting template (if applicable) to mark the positions for the wall brackets on your wall. Ensure the marks are level and correctly spaced for the radiator's connections.
2. **Drilling:** Drill holes at the marked positions using an appropriate drill bit for your wall type. Insert the wall plugs into the drilled holes. *Note: Deep wall plugs are not suitable for drywall installation.*
3. **Attaching Brackets:** Secure the wall brackets to the wall using the provided screws. Ensure they are firmly attached.
4. **Radiator Placement:** Carefully lift the radiator and position it onto the installed wall brackets. Ensure it sits securely.
5. **Connecting Plumbing (Central Heating):** Connect the radiator to your central heating system's flow and return pipes. Use appropriate sealing materials (e.g., PTFE tape) to ensure watertight connections.
6. **Installing Bleed Valve and Blanking Plug:** Screw the 1/2 inch bleed valve into the top connection point and the 1/2 inch blanking plug into the bottom connection point on the radiator. Tighten securely.
7. **Electric Operation (Optional):** If operating electrically, install a suitable electric heating element (not included) into one of the bottom connections, following the element manufacturer's instructions. Ensure all electrical work is done by a qualified electrician.



Figure 4: Radiator Connections. This image highlights the top and bottom connection points of the radiator, demonstrating where the bleed valve and blanking plug are installed, as well as the threaded pipe connections for the heating system.



Figure 5: Wall Bracket Detail. A detailed view of one of the wall brackets, illustrating how it secures the radiator to the wall and its adjustable design for proper alignment.

6. OPERATION

6.1 Central Heating System

1. Once installed and connected to the central heating system, slowly open the valves to allow water to fill the radiator.
2. Use the bleed valve at the top of the radiator to release any trapped air until water starts to emerge. Close the bleed valve.
3. Check all connections for leaks.
4. The radiator will now heat up as part of your central heating system.

6.2 Electric Operation (with heating element)

1. Ensure the radiator is filled with the appropriate heat transfer fluid (if required by the heating element manufacturer) and the heating element is correctly installed.
2. Bleed any air from the radiator as described for central heating.
3. Connect the heating element to the electrical supply according to the manufacturer's instructions and local electrical codes.

4. Operate the radiator using the controls on the electric heating element.

7. MAINTENANCE

- **Cleaning:** The powder-coated steel finish is easy to clean. Use a soft, damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Bleeding:** Regularly bleed your radiator (for central heating systems) to remove trapped air, which can reduce heating efficiency.
- **Inspections:** Periodically check all connections for signs of leaks or corrosion. Address any issues promptly.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radiator not heating evenly or fully.	Trapped air in the system.	Bleed the radiator using the bleed valve until water flows steadily.
Water leaks from connections.	Loose connections or insufficient sealing.	Tighten connections. If necessary, drain the system, re-seal connections with PTFE tape, and refill. Consult a professional if leaks persist.
Radiator not heating at all (central heating).	System not turned on, valve closed, or system pressure too low.	Check central heating system operation. Ensure radiator valves are open. Check system pressure and repressurize if needed.
Radiator not heating at all (electric).	No power to heating element, faulty element, or incorrect wiring.	Check power supply. Consult a qualified electrician to inspect the heating element and wiring.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to your purchase documentation or contact LuxeBath customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: LuxeBath

Model Number: Luxe-135

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