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LuxeBath Luxe-197

LuxeBath Sahara Curved Bathroom Radiator (500 x 1200 mm, White) - Installation and User Manual

Model: Luxe-197

1. Introduction

Thank you for choosing the LuxeBath Sahara Curved Bathroom Radiator. This non-electric radiator is designed for central heating systems, providing efficient heat dissipation and a modern aesthetic to your bathroom or other living spaces. This manual provides essential information for safe installation, operation, and maintenance of your new radiator.

Please read these instructions carefully before installation and retain them for future reference.

2. Safety Information

- Installation must be performed by a qualified professional in accordance with local building and plumbing regulations.
- Ensure the wall structure is capable of supporting the weight of the radiator when filled with water.
- This radiator is designed for central heating systems only and is not electric. Do not attempt to connect it to an electrical supply.
- Do not block the radiator with furniture or curtains, as this can reduce heating efficiency.
- Keep children away from the radiator when it is hot to prevent burns.
- Always turn off the central heating system and allow the radiator to cool before performing any maintenance.

3. Package Contents

Please check that all components are present and undamaged before beginning installation.

- LuxeBath Bathroom Radiator (Curved, White, 500 x 1200 mm)
- 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 Bracket Screws
- 4 x Washers



Figure 3.1: Contents of the wall mounting kit, including wall brackets, screws, wall plugs, and washers. Also shown are the bleed valve and blanking plugs.

4. Specifications

Feature	Specification
Model	Luxe-197
Connection Type	Central Connection (1/2 inch threaded)
Design	Curved
Color	White
Material	High-Quality Steel with Heat-Resistant Powder Coating
Width	500 mm

Height	1200 mm
Connection Distance	255 mm
Tube Diameter	Ø 22 mm
Vertical D-Profile	30 x 40 x 1.5 mm
Horizontal Round Tubes	22 x 1.2 mm
Thermal Output	420 W
Heat Capacity	1401 BTU
Water Volume	5.17 L
Weight	8.82 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 middle of tube)	75 to 100 mm

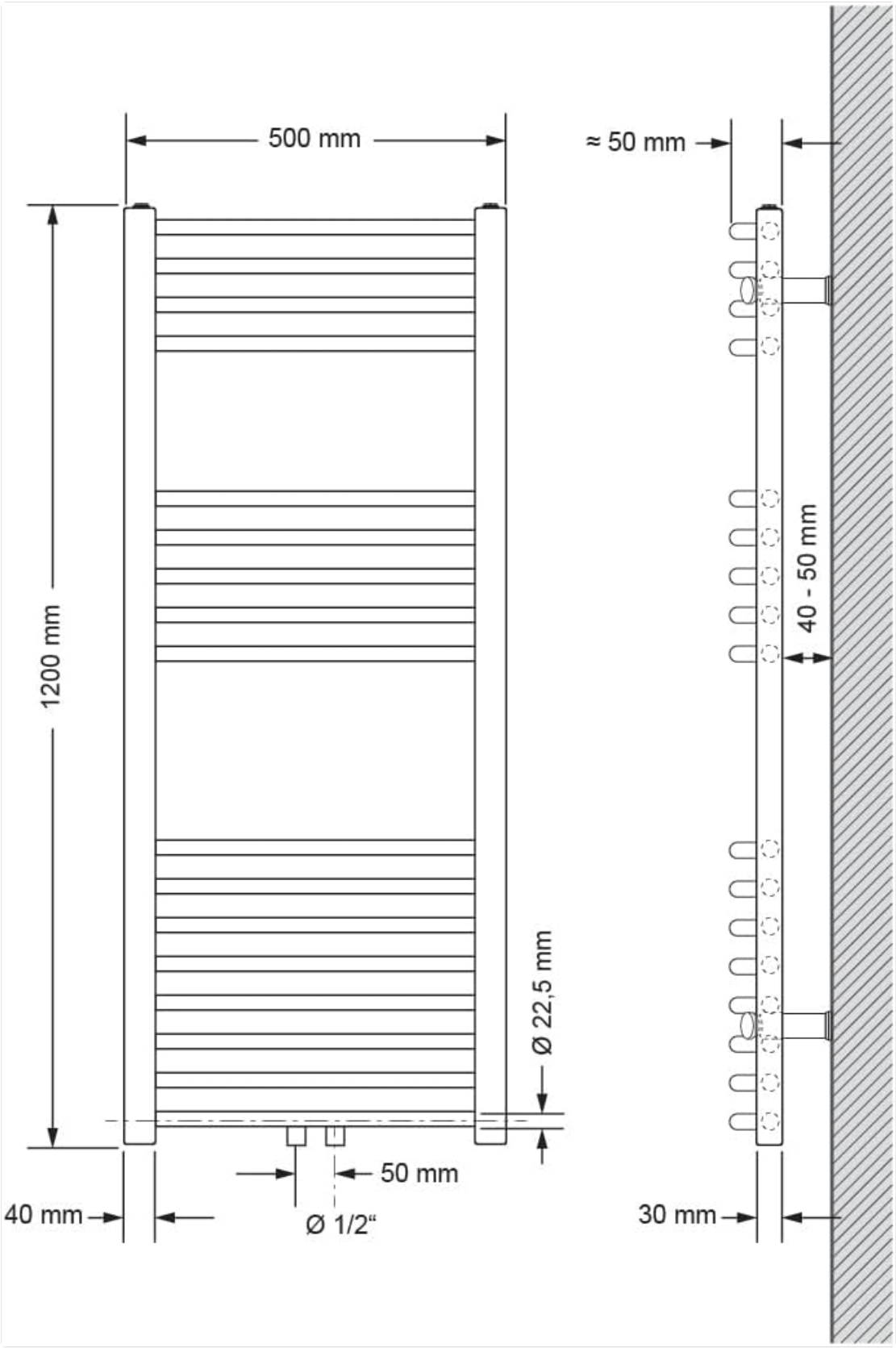


Figure 4.1: Technical drawing showing the dimensions and connection points of the radiator.

5. Installation

This section outlines the general steps for installing your LuxeBath radiator. For detailed instructions, consult a qualified plumber.

5.1 Pre-Installation Checks

- Verify that the wall is suitable for mounting and can support the radiator's weight. Deep wall plugs are not suitable

for drywall mounting.

- Ensure your central heating system is drained and turned off before commencing work.
- Confirm all package contents are present.

5.2 Mounting the Radiator

1. **Marking Drill Holes:** Position the radiator against the wall at the desired height. Mark the locations for the wall brackets, ensuring they are level and align with the radiator's vertical profiles. Refer to Figure 4.1 for general dimensions.
2. **Drilling and Wall Plugs:** Drill holes at the marked positions using an appropriate drill bit for your wall type. Insert the wall plugs flush with the wall surface.
3. **Attaching Wall Brackets:** Secure the wall brackets to the wall using the provided screws and washers. Ensure they are firmly attached and correctly oriented to receive the radiator.
4. **Mounting the Radiator:** Carefully lift the radiator and hook it onto the installed wall brackets. Adjust as necessary to ensure it is level and securely seated.



Figure 5.1: Detail of a wall bracket securing the radiator to the wall.

5.3 Connecting to Central Heating

1. **Install 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. Ensure these are tightened sufficiently to prevent leaks.
2. **Connect to Pipework:** Connect the central heating flow and return pipes to the radiator's central connection points (1/2 inch threaded). Use appropriate pipe fittings and sealing materials to ensure a watertight connection.
3. **Fill System and Check for Leaks:** Once all connections are made, slowly refill your central heating system. Carefully inspect all connections for any signs of leaks. Tighten connections if necessary.
4. **Bleed the Radiator:** Once the system is full, open the bleed valve using a radiator key to release any trapped air. Close the valve when water starts to emerge steadily.



Figure 5.2: Detail of the central connection points, showing where the bleed valve and blanking plug are installed.

6. Operation

The LuxeBath Sahara radiator operates as part of your existing central heating system. Once installed and bled, it will heat up when your central heating is active.

- Ensure the radiator valve (not included) is open to allow hot water to circulate.
- Regularly check the radiator for cold spots, which may indicate trapped air. If cold spots are present, bleed the radiator again (refer to Section 5.3).
- This radiator is designed to efficiently warm your bathroom and can also serve as a towel warmer.



Figure 6.1: The LuxeBath Sahara Curved Bathroom Radiator installed in a bathroom.

7. Maintenance

- **Cleaning:** Clean the radiator regularly with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals, as these can damage the powder coating.
- **Bleeding:** Periodically bleed the radiator to remove any accumulated air, which can reduce heating efficiency. This is typically done at the start of the heating season or if cold spots are noticed.
- **Inspections:** Annually inspect all connections for signs of corrosion or leaks. Address any issues promptly to prevent damage to your property.

8. Troubleshooting

Problem	Possible Cause	Solution
Radiator not heating up	Trapped air; Valve closed; Central heating off	Bleed the radiator; Open the radiator valve; Check central heating system
Radiator is cold at the top, warm at the bottom	Trapped air	Bleed the radiator thoroughly
Water leaking from connections	Loose connections; Damaged seals	Tighten connections; Replace seals if necessary (consult a professional)
Insufficient heat output	System imbalance; Radiator size inadequate for room	Consult a heating engineer to balance the system; Consider room insulation or additional heating solutions

If you encounter persistent issues not resolved by these steps, please contact a qualified heating engineer.

9. Warranty and Support

LuxeBath products are manufactured to high standards. For warranty information or technical support, please refer to your purchase documentation or contact your retailer. Keep your proof of purchase for warranty claims.

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

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