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LuxeBath Luxe-288

LuxeBath Sahara Bathroom Radiator 600x1800 mm, Anthracite, Straight with Side Connection - Instruction Manual

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your LuxeBath Sahara Bathroom Radiator. Please read these instructions carefully before installation and retain them for future reference. This radiator is designed to provide efficient heating and can also function as a towel warmer, suitable for bathrooms and other living spaces.

2. Safety Information

- Installation must be carried out by a qualified professional in accordance with local building and plumbing regulations.
- Ensure the radiator is securely mounted to a structurally sound wall capable of supporting its weight when filled with water.
- Do not cover the radiator with flammable materials.
- Keep children and pets away from the radiator when it is hot to prevent burns.
- Before performing any maintenance or cleaning, ensure the heating system is turned off and the radiator has cooled down.
- Do not use abrasive cleaners or solvents on the radiator's surface.

3. Package Contents

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

- 1 x LuxeBath Sahara Bathroom Radiator (600x1800 mm, Anthracite, Straight)
- 1 x 1/2 inch Bleed Valve
- 1 x 1/2 inch Blanking Plug
- 1 x Wall Mounting Kit, including:
  - 4 x Wall Brackets

- 4 x Screws and Wall Plugs
- 4 x Fixing Screws
- 4 x Washers
- 4 x Covers



This image displays the complete wall mounting kit, including four wall brackets, screws, wall plugs, fixing screws, and washers, essential for securely installing the radiator.

4. Specifications

Connection Type	Side Connection
Version	Straight
Color	Anthracite
Material	Steel
Width	600 mm
Height	1800 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
Heat Output	790 W
Heat Capacity	2683 BTU
Water Volume	8.64 liters
Weight	12.96 kg
Maximum Operating Pressure	10 bar (1 MPa)
Test Pressure	12 bar (1.2 MPa)
Distance to Wall	approx. 5 cm

This diagram illustrates the precise measurements of the LuxeBath Sahara radiator, including its height (1800 mm), width (600 mm), tube diameter (22 mm), and distance from the wall (50 mm). It also shows the side connection points and the overall structure for installation planning.

5. Setup and Installation

The installation process requires careful attention to detail. If you are unsure about any step, consult a qualified professional.

5.1. Planning and Preparation

- **Location:** Choose a suitable wall location, ensuring it is structurally sound and can support the radiator's weight when filled. Consider proximity to existing plumbing for central heating connection.
- **Tools Required:** Drill, spirit level, measuring tape, pencil, adjustable wrench, pipe sealant tape.
- **Safety:** Turn off the main water supply and heating system before starting.

5.2. Mounting the Radiator

1. **Marking Drill Holes:** Using the technical drawing (see Section 4) and a spirit level, mark the positions for the wall brackets on the wall. Ensure the marks are level and accurately spaced according to the radiator's dimensions.
2. **Drilling Holes:** Drill holes at the marked positions using an appropriate drill bit for your wall type. Insert the wall plugs into the drilled holes.
3. **Attaching Brackets:** Secure the wall brackets to the wall using the provided screws and fixing screws. Ensure they are firmly attached.
4. **Mounting Radiator:** Carefully lift the radiator and position it onto the installed wall brackets. Ensure it sits securely and is level.

5.3. Connecting to the Heating System

1. **Side Connections:** Connect the flow and return pipes from your central heating system to the side connection points of the radiator. Use appropriate pipe fittings and pipe sealant tape to ensure a watertight seal.

2. **Bleed Valve and Blanking Plug:** Install the 1/2 inch bleed valve into the top port of the radiator and the 1/2 inch blanking plug into the other unused port. Tighten both securely.



A detailed view of the radiator's top section, highlighting the 1/2 inch bleed valve for air release and the 1/2 inch blanking plug for sealing an unused port.



This image shows the anthracite finish of the horizontal heating bars and how they connect to the vertical profiles. It also illustrates the discreet design of the wall bracket attachment.

5.4. Filling and Bleeding

1. **Refill System:** Once all connections are secure, slowly refill your central heating system.
2. **Bleeding Air:** Open the bleed valve on the radiator using a radiator key. Air will escape, followed by water. Close the valve once a steady stream of water emerges, indicating all air has been expelled.
3. **Check for Leaks:** Inspect all connections for any signs of leaks. Tighten if necessary.

6. Operating Instructions

Your LuxeBath Sahara radiator operates as part of your central heating system. To control the heat output:

- **Thermostatic Radiator Valve (TRV):** If equipped with a TRV (not included), adjust it to your desired temperature setting.
- **System Control:** Adjust the overall heating system thermostat to regulate the room temperature.
- **Towel Drying:** Hang towels evenly over the horizontal bars for efficient drying. Avoid overloading to ensure

proper heat circulation.

7. Maintenance

The LuxeBath Sahara radiator is designed for easy maintenance.

- **Cleaning:** Regularly wipe the radiator with a soft, damp cloth to remove dust and dirt. For stubborn marks, use a mild, non-abrasive cleaner. Ensure the radiator is cool before cleaning.
- **Bleeding:** Periodically check if your radiator needs bleeding. If the top of the radiator feels cold while the bottom is hot, it indicates trapped air. Follow the bleeding steps in Section 5.4.
- **Inspection:** Annually inspect all connections for any signs of corrosion or leaks. Address any issues promptly.

8. Troubleshooting

Here are some common issues and their potential solutions:

- **Radiator not heating up:**
  - Check if the heating system is on.
  - Bleed the radiator to remove trapped air (see Section 5.4).
  - Ensure the radiator valves are fully open.
- **Radiator is noisy (gurgling/hissing):**
  - This usually indicates trapped air. Bleed the radiator (see Section 5.4).
- **Leaks from connections:**
  - Turn off the heating system and water supply.
  - Carefully tighten the leaking connection. If the leak persists, consult a qualified plumber.

If these steps do not resolve the issue, please contact customer support.

9. Warranty and Support

For warranty information and customer support, please refer to the purchase documentation or contact LuxeBath directly through their official website or the retailer where the product was purchased. Please have your model number (Luxe-288) and purchase date available when contacting support.

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