LuxeBath Luxe-119

LuxeBath Sahara Radiator 300 x 800 mm Anthracite Straight Side Connection Instruction Manual

Model: Luxe-119 | Brand: LuxeBath

1. Introduction

This manual provides comprehensive instructions for the safe installation, efficient operation, and proper maintenance of your LuxeBath Sahara 300 x 800 mm Anthracite Straight Side Connection Radiator. Please read these instructions carefully before installation and retain them for future reference.

2. Product Features

- Straight bathroom radiator with side connection.
- Leak protection through advanced welding technology.
- 1/2 inch threaded connection.
- Efficient heat dissipation.
- High-quality steel construction.
- Heat-resistant powder coating.
- Seamless welding process.
- High thermal conductivity for rapid heating.
- Space-saving design.
- Suitable for bathrooms, living rooms, and wardrobes.
- Designed for a comfortable living environment.
- Complete installation accessories included.
- Compatible with central heating systems and electric operation.

3. Package Contents

Verify that all components listed below are present and undamaged before proceeding with installation.

- LuxeBath Radiator
- 1/2 inch Vent Valve
- 1/2 inch Blanking Plug
- Installation Instructions (this manual)
- Wall Mounting Set:
  - 4 x Wall Brackets
  - 4 x Screws and Wall Plugs
  - 4 x Fixing Screws
  - 4 x Washers



Figure 1: Included wall mounting set with brackets, screws, wall plugs, and washers.

4. Technical Specifications

Connection Type	Side Connection

Design	Straight
Color	Anthracite
Material	Steel
Width	300 mm
Height	800 mm
Connection Distance	255 mm
Tube Diameter	Ø 22 mm
Profile (Vertical D-tubes)	30 x 40 x 1.5 mm
Horizontal Round Tubes	22 x 1.2 mm
Thermal Output	200 W
Heat Capacity	671 BTU
Water Volume	2.53 liters
Radiator Weight	3.91 kg (Product weight: 6.14 kg)
Maximum Operating Pressure	10 bar (1 MPa)
Test Pressure	12 bar (1.2 MPa)
Distance from Wall	Approx. 5 cm
Pipe Diameter for Brackets	18 to 22 mm
Pipe Distance for Brackets	18 to 22 mm
Depth (Wall to Pipe Center)	75-100 mm

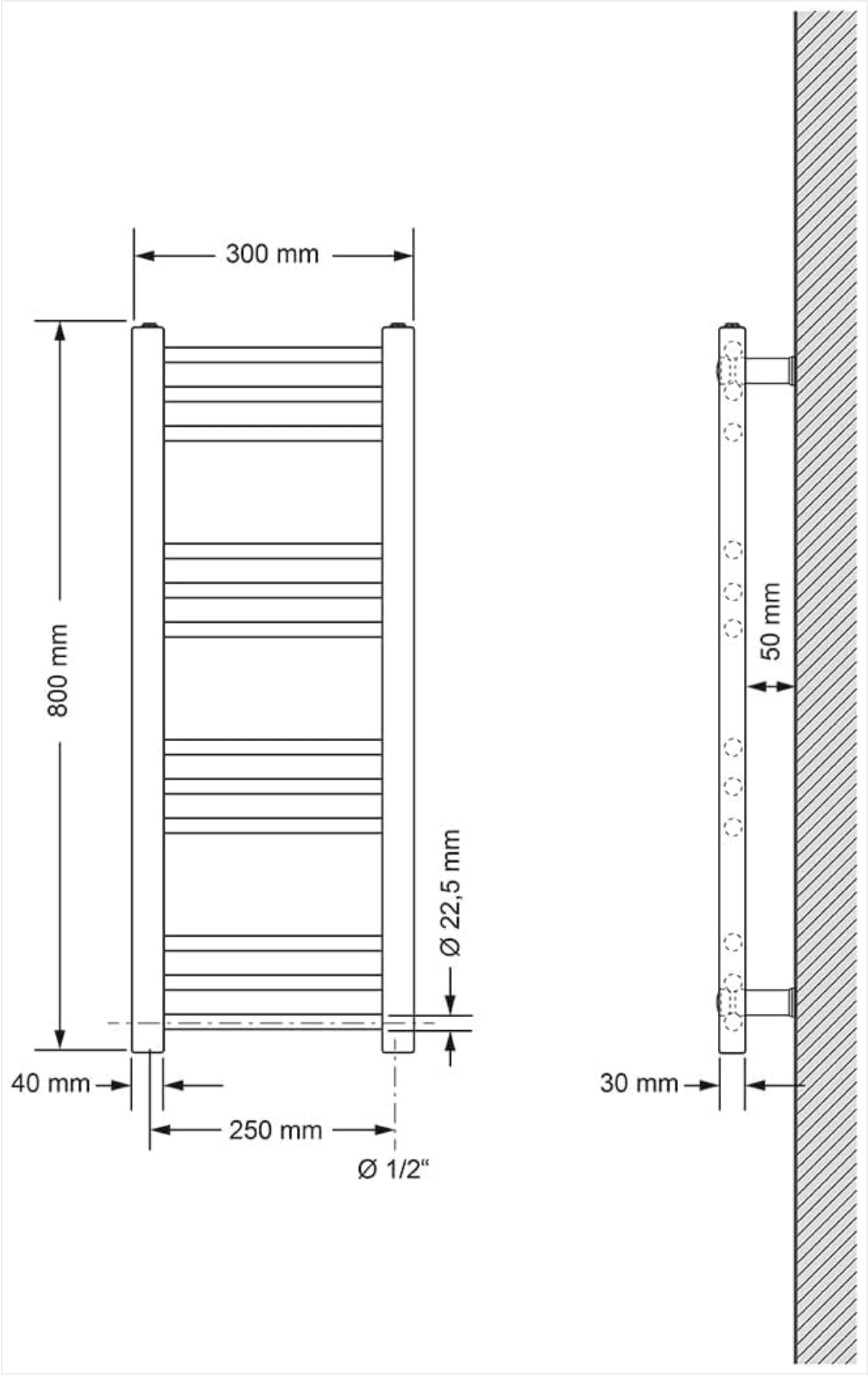


Figure 2: Technical drawing illustrating the dimensions and connection points of the radiator.

5. Safety Information

Please observe the following safety precautions during installation and operation:

- Installation should be performed by a qualified professional or a competent person.
- Ensure the wall structure is suitable to support the weight of the radiator when filled with water.

- Do not install the radiator in areas where it may be exposed to freezing temperatures if the heating system is not operational.
- Always turn off the main water supply and drain the heating system before commencing installation or maintenance.
- Wear appropriate personal protective equipment (PPE) during installation.
- Ensure all connections are properly sealed to prevent leaks.
- **Important:** Deep wall plugs are not suitable for installation in drywall. Use appropriate fixings for your wall type.

6. Installation Instructions

The installation process is designed to be straightforward. However, if you are unsure, consult a professional plumber.

6.1 Tools Required (Not Included)

- Drill
- Spirit Level
- Measuring Tape
- Pencil
- Adjustable Spanner / Wrench
- Screwdriver

6.2 Mounting Steps

1. **Prepare the Wall:** Choose a suitable location on a solid wall. Using the radiator's dimensions and the wall brackets, mark the drilling points for the wall plugs. Ensure the marks are level.
2. **Drill Holes:** Drill holes at the marked positions using an appropriate drill bit for your wall type. Insert the wall plugs.
3. **Attach Brackets:** Secure the wall brackets to the wall using the provided screws and washers. Ensure they are firmly attached and level.
4. **Mount Radiator:** Carefully lift the radiator and position it onto the installed wall brackets. Ensure it sits securely.
5. **Connect to Heating System:** Connect the radiator to your central heating system using the 1/2 inch threaded connections. Ensure all pipe connections are tight and sealed to prevent leaks.
6. **Install Vent Valve and Blanking Plug:** Install the 1/2 inch vent valve at the top of the radiator and the 1/2 inch blanking plug at the bottom (or vice-versa, depending on your system's flow). Use a suitable sealant tape (e.g., PTFE tape) on the threads for a watertight seal.



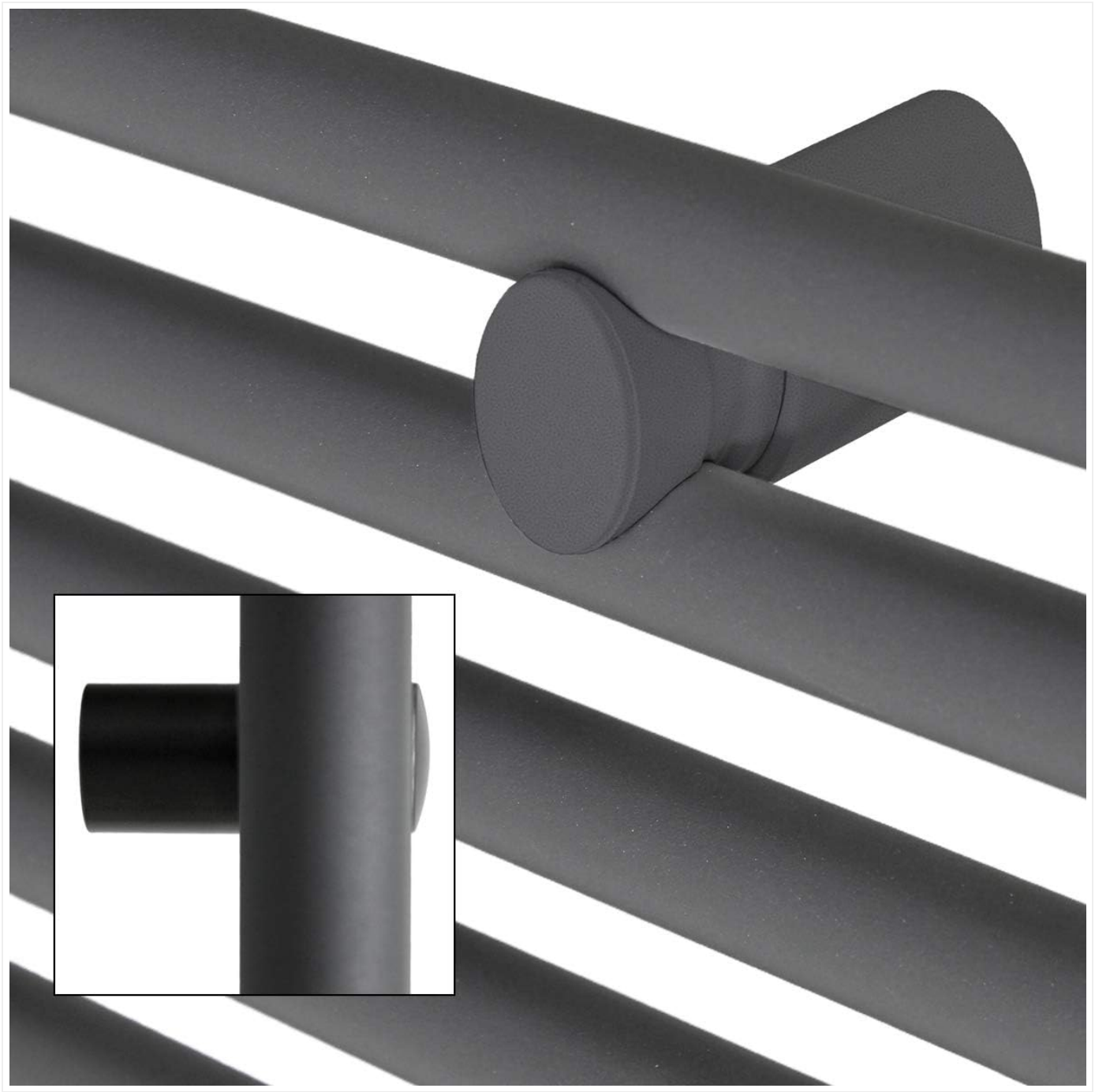


Figure 3: Close-up of the top connection with vent valve and bottom connection with blanking plug. Ensure these are securely fitted.



Figure 4: Example of the LuxeBath Sahara Radiator installed.

7. Operating Instructions

7.1 Central Heating Operation

1. **Fill System:** After installation, slowly refill your central heating system, ensuring all air is bled from the pipes and radiator.
2. **Bleed Radiator:** Open the vent valve at the top of the radiator using a radiator key. Air will escape, followed by water. Close the valve once water flows steadily. Repeat if necessary.
3. **Check for Leaks:** Inspect all connections for any signs of water leakage. Tighten if necessary.
4. **System Pressure:** Check your central heating system's pressure and adjust according to your boiler manufacturer's instructions.
5. **Operation:** Once the system is filled and bled, you can operate the radiator as part of your central heating system.

7.2 Electric Operation (Optional)

This radiator is suitable for electric operation with an independent stainless steel heating element (not included). Installation of an electric heating element must be carried out by a qualified electrician in accordance with local regulations.

- Ensure the heating element is compatible with the radiator's specifications (e.g., wattage, thread size).
- The radiator must be filled with a suitable heat transfer fluid (e.g., water with corrosion inhibitor) before operating with an electric element.
- Follow the heating element manufacturer's instructions for installation and operation.

8. Maintenance

- **Cleaning:** Clean the radiator regularly with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the powder coating.
- **Bleeding:** Periodically bleed the radiator to release any trapped air. Trapped air can reduce heating efficiency. This is typically done once a year or if you notice cold spots on the radiator.
- **System Check:** For central heating systems, ensure the system pressure is maintained at the recommended level.
- **Inspection:** Regularly check for any signs of corrosion or leaks, especially around the connections. Address any issues promptly.

9. Troubleshooting

Here are some common issues and their potential solutions:

- **Radiator is cold at the top, warm at the bottom:**This usually indicates trapped air. Bleed the radiator using the vent valve until water flows steadily.
- **Radiator is completely cold:**
  - Check if the central heating system is operating.
  - Ensure the radiator valves are fully open.
  - Check the system pressure on your boiler.
- **Water leaks from connections:** Turn off the water supply to the radiator (if possible) or the entire system. Drain the radiator and re-tighten the connections, ensuring sufficient sealant tape is used. If the leak persists, consult a professional.
- **Low heating efficiency:** Ensure the radiator is bled of air. Check if the system pressure is adequate. Consider a system flush if the issue persists across multiple radiators (for central heating).

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact customer support or a qualified professional.

10. Warranty and Support

For information regarding warranty coverage and customer support, please refer to your purchase documentation or contact LuxeBath customer service directly. Keep your proof of purchase for warranty claims.
Manufacturer: LuxeBath
Model: Luxe-119
ASIN: B0CS3H46TL

© 2024 LuxeBath. All rights reserved.