LuxeBath Sahara 300x800 mm Anthracite

LuxeBath Sahara Bathroom Radiator Instruction Manual

Model: Sahara 300x800 mm Anthracite

1. Product Overview

The LuxeBath Sahara bathroom radiator is designed to provide efficient heating and enhance the aesthetic appeal of your bathroom or living space. This model features a straight design with a central connection, finished in anthracite, and includes a connection set with a thermostatic head for precise temperature control.



Image 1.1: LuxeBath Sahara Bathroom Radiator (Anthracite, 300x800mm).

2. Included Components

Before beginning installation, please ensure all components listed below are present and undamaged.

- LuxeBath Sahara Bathroom Radiator (1 unit)
- Air Vent Valve 1/2 inch (1 unit)
- Blind Plug 1/2 inch (1 unit)
- Wall Mounting Kit (1 set), including:
    - 4 x Wall Brackets
    - 4 x Screws and Plugs
    - 4 x Fixing Screws
    - 4 x Washers
- Valve Connection Set (Multiblock) including Thermostatic Head (1 set)



Image 2.1: Wall Mounting Kit components.



Image 2.2: Valve Connection Set (Multiblock) with Thermostatic Head.

3. Technical Specifications

Detailed specifications for the LuxeBath Sahara radiator and its connection set.

3.1. Radiator Specifications

Feature	Specification
Type of Connection	Middle Connection
Design	Straight
Color	Anthracite
Material	Steel (Powder-coated)
Width	300 mm
Height	800 mm
Connection Distance	255 mm
Tube Diameter	Ø 22 mm
Profile (mm)	30x40x1.5 D
Heat Output	200 W
Heat Capacity	671 BTU

Water Volume	2.53 liters
Weight	3.91 kg
Maximum Working Pressure	10 bar (1 MPa)
Distance to Wall (approx.)	5 cm

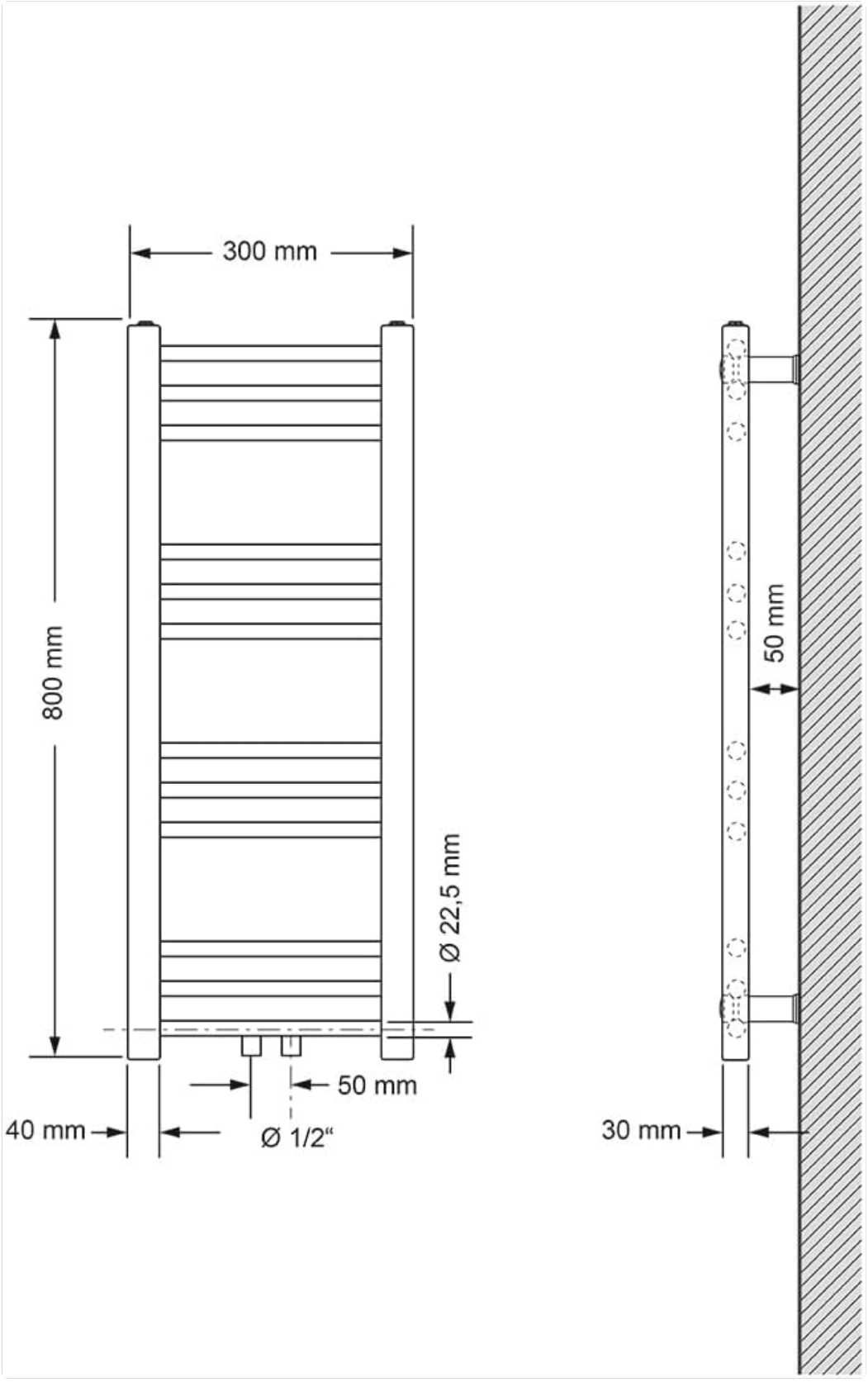


Image 3.1: Technical drawing with dimensions.

3.2. Valve Connection Set Specifications

Feature	Specification
Pipe Distance	50 mm (Middle Connection)
Max. Working Pressure	10 bar
Max. Operating Temperature	110 °C
Valve Insert	Pre-settable, includes key
Adjustable Levels	5 levels
System Compatibility	Two-pipe heating system
Hydraulic Balancing	Adjustable
Sensor Type	Fluid sensor (hydrosensor)
Adjustment Range	0-30 °C
Features	"0" position and frost protection
Pipe Connection	Floor connection (straight-through version) for pipes coming from the floor

4. Installation Instructions

Installation of the LuxeBath Sahara radiator is designed to be straightforward. However, if you are unsure about any steps, it is recommended to consult a qualified professional. Ensure the heating system is drained and depressurized before starting.

1. **Prepare the Installation Area:** Choose a suitable location on the wall, ensuring it is structurally sound to support the radiator's weight when filled with water. Mark the drilling points for the wall brackets according to the radiator's dimensions and desired height. Refer to Image 3.1 for connection distances.
2. **Mount the Wall Brackets:** Drill holes at the marked points. Insert the provided plugs into the drilled holes. Secure the wall brackets to the wall using the screws and washers from the wall mounting kit. Ensure the brackets are level and securely fastened.



Image 4.1: Close-up of wall bracket connection.

3. **Attach the Radiator:** Carefully lift the radiator and position it onto the mounted wall brackets. Ensure it sits firmly and is properly aligned. Secure the radiator to the brackets using the fixing screws.
4. **Install Air Vent Valve and Blind Plug:** Screw the 1/2 inch air vent valve into the top connection point of the radiator and the 1/2 inch blind plug into the other top connection point. Tighten them securely to prevent leaks.



Image 4.2: Top connections for air vent valve and blind plug.

5. **Connect the Valve Set:** Attach the multiblok valve connection set to the central bottom connections of the radiator. Ensure the pipe distance of 50mm aligns correctly. Connect the heating system's supply and return pipes to the valve set. For floor connections, use the straight-through version of the valve set. Tighten all connections firmly, using appropriate sealing materials if necessary, to prevent leaks.
6. **Fill and Bleed the System:** Once all connections are secure, slowly refill the heating system. Open the air vent valve at the top of the radiator to allow air to escape. Close the valve once water begins to flow out steadily. Check all connections for any signs of leakage.
7. **Final Check:** Verify that the radiator is stable, all connections are tight, and there are no leaks. The system is now ready for operation.

5. Operating Instructions

The LuxeBath Sahara radiator is operated via the included thermostatic head, which allows for precise temperature control.

1. **Adjusting Temperature:** The thermostatic head has an adjustment range of 0-30 °C and 5 adjustable levels. Rotate the thermostatic head to the desired setting. Higher numbers typically correspond to higher room temperatures.
2. **"0" Position:** The "0" position on the thermostatic head completely closes the valve, stopping the flow of hot

water to the radiator. Use this setting when the room does not require heating.

3. **Frost Protection:** The thermostatic head includes a frost protection feature. Even when set to "0", it will allow a minimal flow of water if the ambient temperature drops below a certain point (typically around 5-7 °C) to prevent the system from freezing.
4. **Hydraulic Balancing:** The pre-settable valve insert allows for hydraulic balancing of the heating system. This should ideally be performed by a qualified heating engineer to ensure optimal efficiency across all radiators in the system.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your LuxeBath Sahara radiator.

- **Cleaning:** The powder-coated steel surface is easy to clean. Use a soft, damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals, as these can damage the finish.
- **Bleeding the Radiator:** Periodically, or if you notice cold spots on the radiator or hear gurgling noises, it may be necessary to bleed air from the system. Use the air vent key to open the air vent valve at the top of the radiator until water flows out steadily, then close it.
- **System Checks:** Annually, or as recommended by your heating system manufacturer, have a qualified professional inspect your entire heating system, including the radiator and valve connections, for optimal performance and safety.

7. Troubleshooting

This section provides general guidance for common issues. For complex problems, consult a qualified heating engineer.

- **Radiator Not Heating Up:**
  - Check if the thermostatic head is set to a sufficiently high temperature.
  - Bleed the radiator to remove any trapped air (refer to Maintenance section).
  - Ensure the main heating system is operational and circulating hot water.
- **Radiator is Cold at the Bottom:** This is usually normal as hot water enters from the top and cools as it descends. If the entire radiator is cold, refer to "Radiator Not Heating Up".
- **Leaking Connections:** If you notice any leaks, immediately turn off the heating system and tighten the connections. If the leak persists, contact a professional.
- **Unusual Noises (Gurgling, Banging):** This often indicates air in the system. Bleed the radiator. If noises persist, it may indicate a more significant issue with the heating system, and professional assistance is recommended.

8. Warranty and Support

For information regarding product warranty, please refer to the purchase documentation or contact your retailer. For technical support or assistance with installation and operation, please contact LuxeBath customer service or the seller directly.
Seller: ECD-Germany