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LuxeBath BHKSahara 600*1800 Ant S gerade+ML-709

LuxeBath Sahara Electric Towel Radiator 600x1800mm, 900W

Model: BHKSahara 600*1800 Ant S gerade+ML-709 | **Brand:** LuxeBath

1. Introduction

Thank you for choosing the LuxeBath Sahara Electric Towel Radiator. This manual provides essential information for the safe installation, operation, and maintenance of your new electric towel radiator. Please read these instructions carefully before installation and keep them for future reference.

2. Safety Information

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the power supply matches the specifications of the heating element (230V / 50Hz).
- Installation must be performed by a qualified electrician in accordance with local wiring regulations.
- Do not operate the radiator if the power cord or plug is damaged.
- Do not immerse the radiator or heating element in water or other liquids.
- Keep children and pets away from the radiator when it is in operation.
- Ensure the heating element is always installed below the radiator to prevent it from drying out, which can cause damage.
- Do not cover the radiator with clothing or other materials while it is operating, as this may cause overheating.
- Disconnect the power supply before performing any maintenance or cleaning.
- This appliance is designed for indoor use only, specifically in bathrooms.

3. Package Contents

Carefully unpack the box and ensure all items are present and undamaged. If any parts are missing or damaged, contact your supplier immediately.

- 1x LuxeBath Sahara Electric Towel Radiator (Anthracite, 600x1800mm)
- 1x Electric Heating Element with Digital Thermostat (900W)
- 1x 1/2 inch Bleed Valve
- 1x 1/2 inch Blanking Plug
- 1x Mounting Instructions
- 1x Wall Mounting Kit, including:
  - 4x Wall Brackets
  - 4x Screws and Wall Plugs
  - 4x Support Screws
  - 4x Washers



Figure 1: Wall mounting kit components, including brackets, screws, wall plugs, and washers.

4. Setup and Installation

This section outlines the steps for installing your LuxeBath Sahara Electric Towel Radiator. Professional installation is

recommended.

4.1 Pre-Installation Checks

- Ensure the wall is suitable to bear the weight of the radiator when filled.
- Verify that the electrical supply is correctly rated and protected by a Residual Current Device (RCD).
- Confirm the location for installation allows for proper air circulation around the radiator.

4.2 Mounting the Radiator

1. Mark the desired position for the radiator on the wall. Refer to the technical drawing for precise measurements and mounting points.
2. Drill holes for the wall brackets using an appropriate drill bit for your wall type.
3. Insert the wall plugs into the drilled holes.
4. Attach the wall brackets to the wall using the provided screws.
5. Mount the radiator onto the installed wall brackets. Secure it with the support screws and washers.

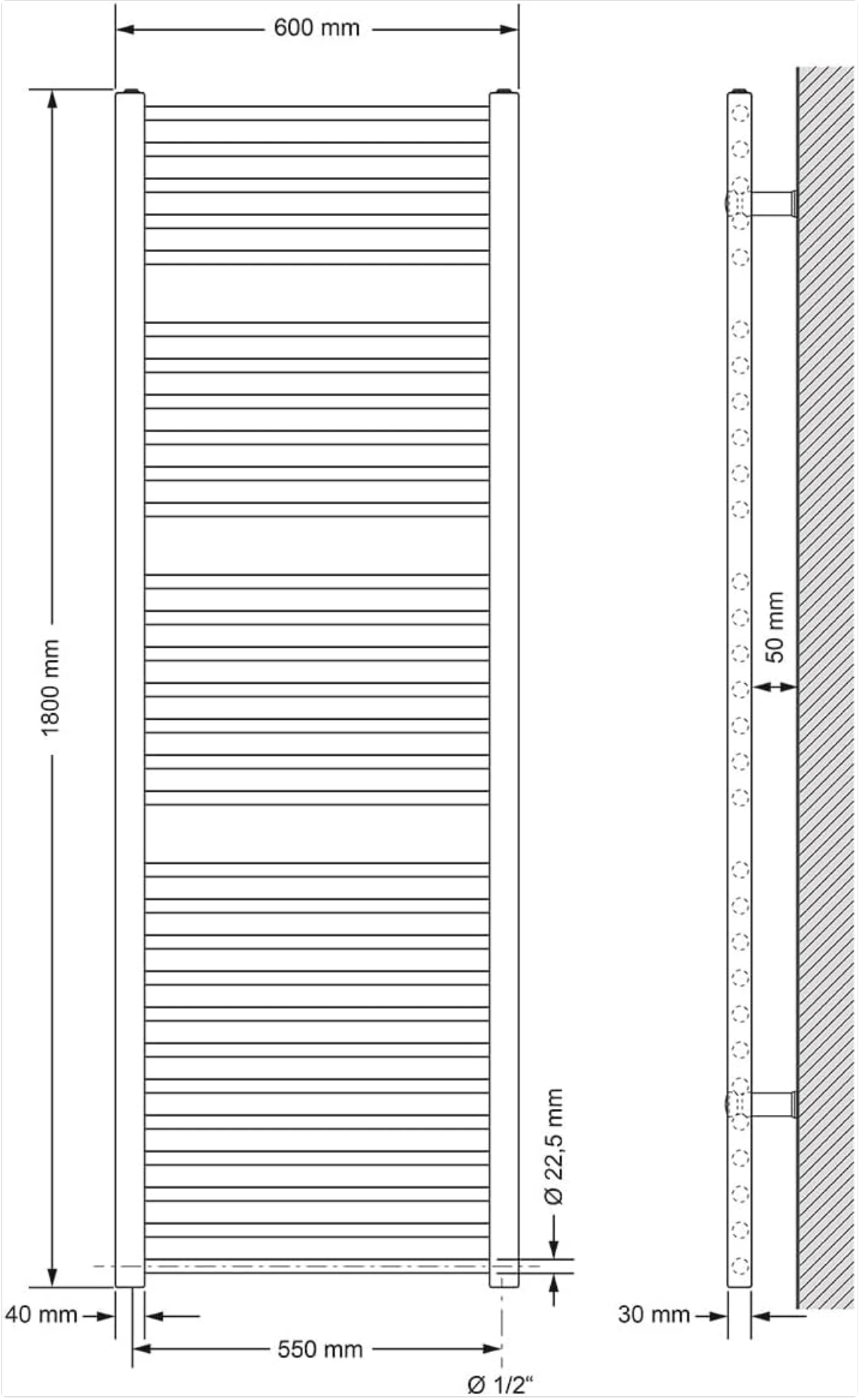


Figure 2: Radiator dimensions and mounting points (600mm width, 1800mm height).



Figure 3: Detail of the wall mounting bracket.

4.3 Installing the Heating Element

The heating element must be installed at the bottom of the radiator. Ensure the radiator is securely mounted before proceeding.

1. Insert the 900W electric heating element into the designated 1/2 inch connection at the bottom of the radiator.
2. Tighten the heating element securely to prevent leaks.
3. Install the 1/2 inch bleed valve at the top of the radiator and the 1/2 inch blanking plug at the other top connection.
4. Fill the radiator with thermal fluid (not supplied) as per manufacturer guidelines, ensuring no air pockets remain. Bleed any air using the bleed valve.
5. Connect the heating element's power cable to a suitable electrical outlet.



Figure 4: Top connections with bleed valve and blanking plug.





Figure 5: Electric heating element with digital thermostat.

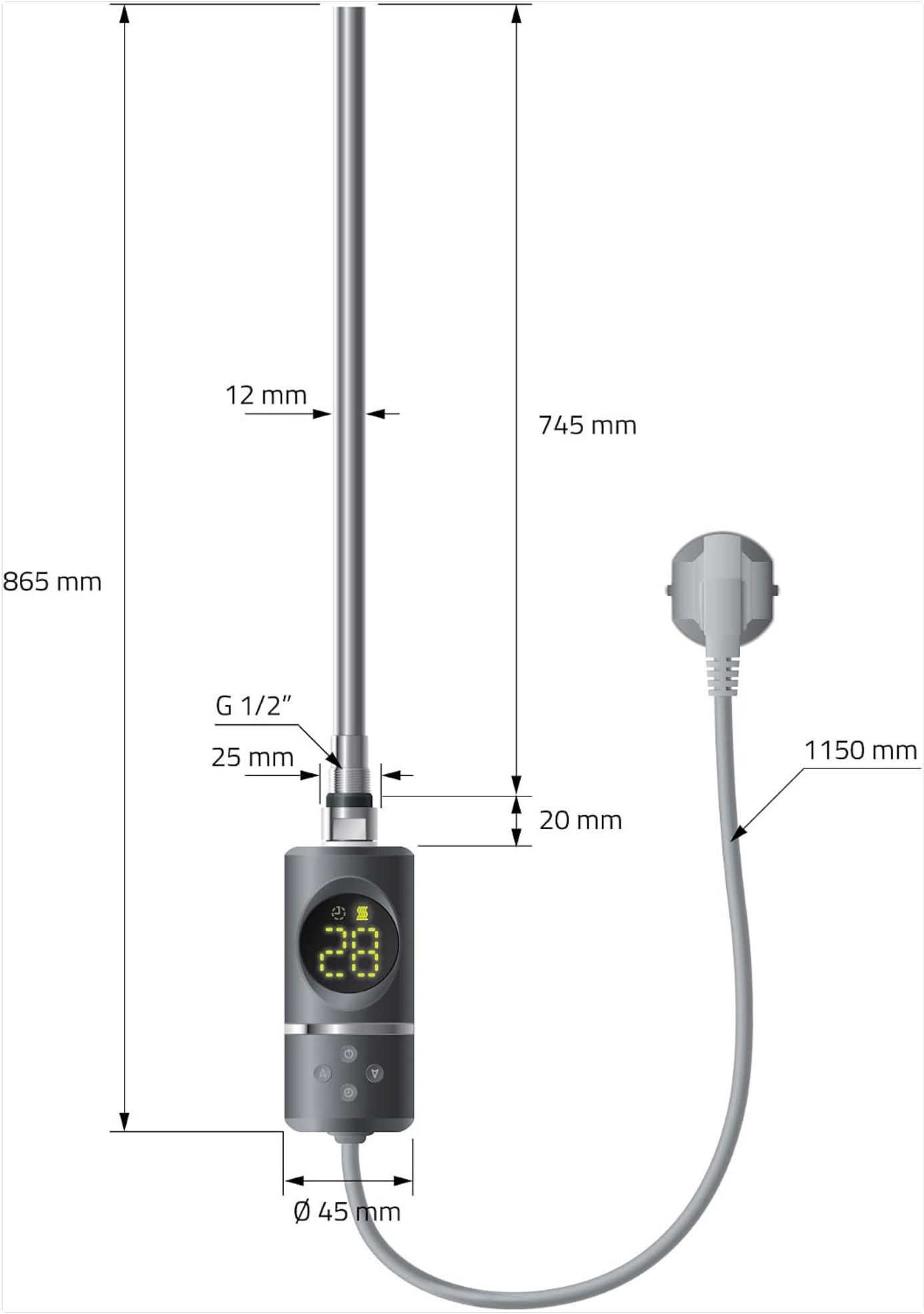


Figure 6: Heating element dimensions (Total length: 865mm, Heating element length: 745mm).

5. Operating Instructions

Your LuxeBath Sahara Electric Towel Radiator features a digital thermostat for easy temperature control.

5.1 Power On/Off

Plug the heating element's power cable into a suitable electrical outlet. The digital display will illuminate. To turn the unit on or off, press the power button on the thermostat.

5.2 Setting the Temperature

Use the mechanical buttons on the digital thermostat to adjust the desired temperature. The temperature range is typically between 10°C and 65°C. The display will show the current or set temperature.

5.3 Timer Function

The thermostat may include a timer function. Refer to the specific instructions provided with the heating element for details on how to set and use the timer to schedule heating periods.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your radiator.

- **Cleaning:** Disconnect the power before cleaning. Wipe the radiator surface with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the anthracite finish.
- **Fluid Level:** Periodically check the thermal fluid level. If the radiator is not heating efficiently or making unusual noises, the fluid level might be low. Consult a professional for refilling.
- **Bleeding:** If you notice cold spots or gurgling sounds, air may be trapped inside. Carefully open the bleed valve at the top of the radiator until water starts to come out, then close it. Ensure the power is off during this process.
- **Inspections:** Annually inspect the power cable and plug for any signs of damage. If damage is found, have it replaced by a qualified technician.

7. Troubleshooting

If you encounter issues with your LuxeBath Sahara Electric Towel Radiator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radiator not heating	No power supply; Thermostat set too low; Faulty heating element.	Check power connection and circuit breaker; Increase thermostat setting; Contact a qualified technician.
Radiator is partially cold	Air trapped in the system; Low thermal fluid level.	Bleed the radiator (see Maintenance); Consult a professional to check/refill fluid.
Digital display not working	No power; Faulty thermostat.	Check power connection; Contact a qualified technician.
Unusual noises (gurgling, bubbling)	Air in the system.	Bleed the radiator (see Maintenance).

Problem	Possible Cause	Solution

If the problem persists after attempting these solutions, please contact customer support or a qualified electrician.

8. Technical Specifications

Feature	Specification
Radiator Dimensions (W x H x D)	600 mm x 1800 mm x 65 mm
Weight	12 kg
Color	Anthracite
Material	Steel with 2-layer paint
Tube Configuration	5+6+7+12 (30 tubes total)
Max Operating Pressure	10 bar (1 MPa)
Test Pressure	12 bar (1.2 MPa)
Heating Element Power	900W
Voltage / Frequency	230 V / 50 Hz
Current Intensity	3.91 A
Temperature Range	10°C - 65°C (+/- 1°C)
Connection Cable Length	1.15 m
Heating Element Connection Size	1/2 inch
Heating Element Type	RD 10
Mounting Type	Wall-mounted
Recommended Use	Indoor, Bathroom

9. Warranty and Support

LuxeBath products are manufactured to high-quality standards. For warranty information, please refer to the terms and conditions provided at the point of purchase or visit the official LuxeBath website. If you require technical assistance, spare parts, or have any questions regarding your product, please contact your retailer or LuxeBath customer support. Please have your model number (BHKSahara 600*1800 Ant S gerade+ML-709) and purchase date ready when

contacting support.

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