**LuxeBath Luxe-199**

# LuxeBath Sahara Designer Bathroom Radiator Instruction Manual

Model: Luxe-199

## 1. Important Safety Information

Please read these instructions carefully before installation and use. Failure to follow these instructions may result in property damage, injury, or death. Keep this manual for future reference.

- Installation should only be performed by a qualified professional in accordance with local building and plumbing regulations.
- The radiator surface can become very hot during operation. Avoid direct contact to prevent burns.
- Ensure the central heating system is depressurized and drained before connecting the radiator.
- Do not hang excessive weight on the radiator, as this may compromise its stability and mounting.
- Regularly check for leaks and proper functioning.
- This radiator is designed for central heating systems only and is non-electric.

## 2. Product Overview

The LuxeBath Sahara Designer Bathroom Radiator is a high-quality, non-electric towel dryer designed for efficient heat dissipation within your central heating system. Its straight form and central connection make it a versatile and space-saving addition to bathrooms, living rooms, or wardrobes.

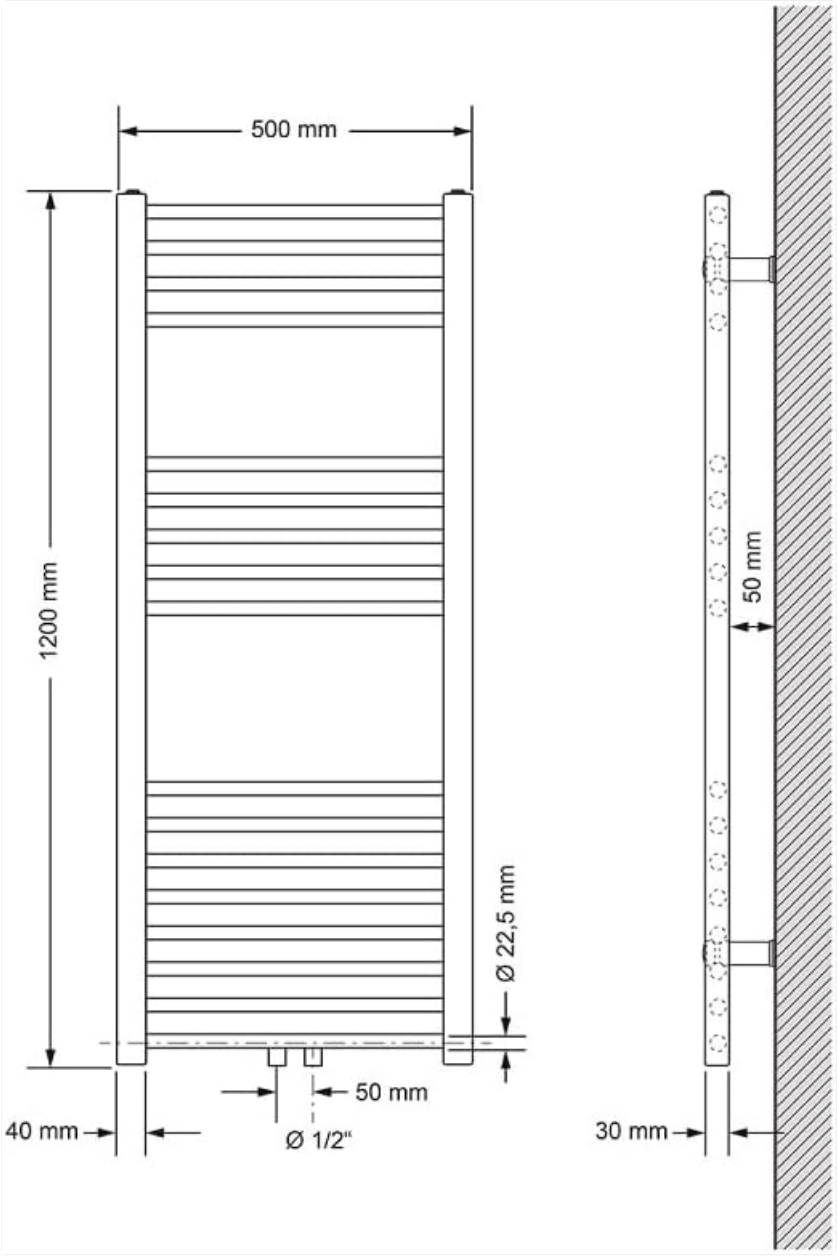



Figure 1: Front view of the LuxeBath Sahara Designer Bathroom Radiator.

### Key Features:

- **Efficient Heat Dissipation:** High thermal conductivity for effective and economical heating.
- **Durable Construction:** Made from high-quality powder-coated steel with seamless welding for corrosion resistance and long lifespan.
- **Space-Saving Design:** Ideal for various rooms, including bathrooms, living rooms, and wardrobes.
- **Central Connection:** Features a standard 1/2 inch threaded connection for easy integration into central heating systems.
- **Easy to Clean:** The finish ensures simple maintenance.

### Components Included:

- LuxeBath Bathroom Radiator
- 1/2 inch Bleed Valve
- 1/2 inch Blanking Plug
- Mounting Kit (4 x wall brackets, 4 x screws and dowels, 4 x support screws, 4 x washers)
- Installation Instructions (this manual)



Figure 2: All components of the mounting kit.

## 3. Installation (Setup)

Follow these steps for a secure and correct installation of your LuxeBath radiator. Professional installation is recommended.

### 3.1 Pre-Installation Checks

- Verify that all components listed in the "Components Included" section are present and undamaged.
- Ensure the wall where the radiator will be mounted is structurally sound and capable of supporting the radiator's weight (8.82 kg dry, plus water volume).
- Confirm that the central heating system is compatible and can be safely isolated and drained.
- **Important:** The provided deep dowels are not suitable for mounting in drywall. Use appropriate fixings for your wall type.

### 3.2 Mounting the Radiator

1. **Marking Drill Holes:** Position the radiator against the wall at the desired height. Use a spirit level to ensure it is

perfectly horizontal. Mark the positions for the four wall brackets. Refer to the technical drawing for precise dimensions and connection points.



Figure 3: Technical drawing showing dimensions and connection points (500mm width, 1200mm height, 255mm connection distance).

2. **Drilling:** Drill holes at the marked positions using an appropriate drill bit for your wall material. Insert the dowels into the drilled holes.
3. **Attaching Wall Brackets:** Secure the four wall brackets to the wall using the provided screws. Ensure they are firmly attached.
4. **Mounting the Radiator:** Carefully lift the radiator and place it onto the installed wall brackets. Ensure it sits securely and is level.
5. **Securing the Radiator:** Use the support screws and washers to firmly attach the radiator to the wall brackets, preventing any movement.

### 3.3 Connecting to Central Heating

1. **Prepare Connections:** Ensure the central heating pipes are clean and ready for connection. The radiator features a 1/2 inch central connection.



Figure 4: Detail of the radiator's top and bottom connections, including the central connection point.

2. **Connect Pipes:** Connect the central heating flow and return pipes to the radiator's central connection points. Use appropriate sealing materials (e.g., PTFE tape or hemp) to ensure watertight connections.
3. **Install Bleed Valve and Blanking Plug:** Install the 1/2 inch bleed valve into one of the top ports and the 1/2 inch blanking plug into the other top port. Tighten securely.
4. **Refill System:** Once all connections are secure, slowly refill the central heating system, checking for any leaks.

## 4. Operation

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

### 4.1 Initial Start-up and Bleeding

1. After installation and refilling the central heating system, it is crucial to bleed the radiator to remove any trapped air.
2. Ensure the central heating system is running and the radiator valves are open.
3. Using a radiator key, slowly open the bleed valve (located at the top of the radiator). You will hear a hissing sound as air escapes.

4. Once water starts to come out steadily (without air bubbles), close the bleed valve.
5. Check the pressure of your central heating system and top it up if necessary, following your boiler manufacturer's instructions.

Repeat the bleeding process periodically or if you notice the radiator is not heating evenly (cold spots).

## 5. Maintenance

Regular maintenance will ensure the longevity and efficient operation of your radiator.

- **Cleaning:** Clean the radiator regularly with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the powder coating.
- **Bleeding:** Bleed the radiator at least once a year, or whenever you notice cold spots, to remove trapped air and maintain heating efficiency.
- **Leak Checks:** Periodically inspect all connections for any signs of leaks. Address any leaks immediately to prevent water damage.
- **System Pressure:** Ensure your central heating system maintains the correct pressure as recommended by your boiler manufacturer.

## 6. Troubleshooting

Here are some common issues and their potential solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Radiator is cold at the top, warm at the bottom. | Trapped air in the system. | Bleed the radiator using the bleed valve until water flows steadily. |
| Radiator is completely cold. | Central heating system off.<br>Radiator valves closed.<br>System pressure too low. | Turn on central heating.<br>Open radiator valves.<br>Check and top up system pressure. |
| Water leaking from connections. | Loose connections or worn seals. | Tighten connections. If leak persists, drain system and replace seals. Professional assistance may be required. |

If you encounter issues not listed here or if solutions do not resolve the problem, please contact a qualified heating engineer.

## 7. Specifications

| Feature | Detail |
|---|---|
| **Brand** | LuxeBath |
| **Model Number** | Luxe-199 |
| **Color** | White |

| Feature | Detail |
|---|---|
| **Material** | Steel |
| **Product Dimensions (L x W x H)** | 50 x 3 x 120 cm |
| **Item Weight (dry)** | 8.82 kg |
| **Connection Type** | Central connection, 1/2 inch threaded |
| **Design** | Straight |
| **Width** | 500 mm |
| **Height** | 1200 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** | 410 W |
| **Thermal Capacity** | 1392 BTU |
| **Water Volume** | 5.17 L |
| **Max Operating Pressure** | 10 bar (1 MPa) |
| **Test Pressure** | 12 bar (1.2 MPa) |
| **Wall Distance (approx.)** | 5 cm |
| **Depth (wall to middle of tube)** | 75 to 100 mm |

## 8. Warranty and Support

For specific warranty details, please refer to your purchase documentation or contact the retailer. A 30-day return policy is typically offered for this product.

For technical support or further assistance, please contact LuxeBath customer service or your installer.

**Manufacturer:** LuxeBath


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