

## Hansa 58080201

# Hansa 58080201 Thermostatic Shower Mixer Installation and Operation Manual

Model: 58080201

## 1. INTRODUCTION

Thank you for choosing the Hansa 58080201 Thermostatic Shower Mixer. This high-quality product is designed to provide a comfortable and safe showering experience with precise temperature control. Please read this manual carefully before installation and operation to ensure proper function and longevity of your mixer.

This thermostatic mixer features a DN 15 (G 1/2) connection, anti-scald safety, a Thermocool function, and a ceramic disc valve for flow control. It is designed for wall-mounted installation.

## 2. SAFETY INSTRUCTIONS

- **Professional Installation:** Installation should only be performed by a qualified plumber or technician in accordance with local plumbing and building codes.
- **Water Supply:** Ensure the main water supply is turned off before beginning any installation or maintenance work.
- **Hot Water Safety:** The mixer includes an anti-scald safety feature. Do not bypass or modify this safety mechanism.
- **Temperature Settings:** Always test the water temperature before stepping into the shower to prevent scalding.
- **Cleaning:** Use only mild, non-abrasive cleaners. Harsh chemicals can damage the chrome finish and internal components.
- **Backflow Prevention:** The mixer is equipped with backflow preventers in the connections to protect the potable water supply, as per DIN EN 1717.

## 3. SETUP AND INSTALLATION

The Hansa 58080201 thermostatic shower mixer is designed for wall-mounted installation. Ensure you have the necessary tools and materials before starting.

### 3.1. Pre-Installation Checks

- Verify that the hot and cold water supply lines are correctly identified.
- Ensure the wall connections are at the standard center distance of 150 +/- 10 mm.
- Flush the water lines thoroughly to remove any debris before connecting the mixer.

### 3.2. Installation Steps

1. Turn off the main water supply.
2. Attach the S-connections (included) to the wall outlets, ensuring they are level and at the correct 150 mm center distance. Use thread sealant tape for a watertight seal.
3. Install the dirt filters and backflow preventers into the S-connections.
4. Mount the mixer onto the S-connections. Hand-tighten first, then use a wrench to secure, being careful not to overtighten.
5. Attach the cover rosettes to conceal the connections.
6. Turn on the main water supply and check for leaks.
7. Test the mixer's function, including temperature and flow control.



Figure 1: Front view of the Hansa 58080201 Thermostatic Shower Mixer. This image shows the chrome-finished mixer with its two control handles for temperature and water flow, designed for wall mounting.

## 4. OPERATING INSTRUCTIONS

The Hansa 58080201 mixer provides intuitive control over water temperature and flow.

### 4.1. Temperature Control

- The temperature is controlled by the handle on the right side (typically).
- Rotate the handle to adjust the desired water temperature. The mixer will maintain this temperature consistently.
- A safety stop is usually set at 38°C (100°F) to prevent accidental scalding. To exceed this temperature, you must press a button or override the safety stop while turning the handle further.
- The *Thermocool* function ensures the mixer body remains cool to the touch, preventing burns from contact with hot surfaces.

## 4.2. Flow Control

- The water flow (on/off and intensity) is controlled by the handle on the left side (typically).
- Rotate the handle to turn the water on and adjust the flow rate.
- The ceramic disc valve ensures smooth and precise control over water volume.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Hansa thermostatic mixer.

### 5.1. Cleaning the Surface

- Clean the chrome surfaces with a soft cloth and a mild, non-abrasive cleaner.
- Avoid using abrasive sponges, scouring agents, or cleaners containing alcohol, acids, or chlorine, as these can damage the finish.
- Rinse thoroughly with clean water after cleaning and dry with a soft cloth to prevent water spots.

### 5.2. Cleaning Dirt Filters

- Periodically check and clean the dirt filters located in the S-connections.
- Turn off the main water supply before attempting to remove and clean the filters.
- Carefully remove the mixer and then the filters. Rinse them under running water to remove any accumulated debris.
- Reassemble in reverse order, ensuring all seals are correctly seated.

### 5.3. Thermal Disinfection

For systems requiring thermal disinfection (e.g., to prevent Legionella), the mixer is prepared for heating and disinfection according to DVGW W551. Consult a professional for specific procedures.

## 6. TROUBLESHOOTING

If you experience issues with your Hansa thermostatic mixer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No hot water or inconsistent temperature.	Hot water supply issue. Thermostatic cartridge malfunction. Dirt filters clogged.	Check hot water supply to the house. Contact a qualified plumber to inspect/replace the cartridge. Clean the dirt filters (see Section 5.2).
Low water flow.	Clogged dirt filters. Low water pressure. Aerator/shower head clogged.	Clean the dirt filters (see Section 5.2). Check household water pressure. Clean or descale the shower head.
Water dripping from mixer.	Worn seals or ceramic disc valve.	Contact a qualified plumber for inspection and replacement of internal components.

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

## 7. SPECIFICATIONS

<b>Model Number</b>	58080201
<b>Brand</b>	Hansa
<b>Material</b>	Metal (Dezincification-resistant brass MS 63)
<b>Dimensions (L x W x H)</b>	15 x 5 x 5 cm
<b>Weight</b>	2.44 kg
<b>Connection Size</b>	DN 15 (G 1/2)
<b>Center Distance</b>	150 +/- 10 mm
<b>Flow Rate</b>	19 l/min (at 3 bar flow pressure)
<b>Safety Features</b>	Anti-scald safety, Thermocool function, Backflow preventers (DIN EN 1717)
<b>Control Number</b>	PA-IX 28485/IB

## 8. WARRANTY AND SUPPORT

Hansa products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official Hansa website. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please contact your local Hansa dealer or customer service. Contact details can typically be found on the Hansa website or in the product packaging.