

## Hansa 54802107

# Hansa HANSAVANTIS Style Basin Mixer Tap, 179 mm Projection, Model 54802107 User Manual

## 1. PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your Hansa HANSAVANTIS Style wall-mounted basin mixer tap, model 54802107. Please read these instructions carefully before installation and retain them for future reference.

The Hansa HANSAVANTIS Style mixer tap is designed for wall mounting with a concealed body, featuring a 179 mm projection spout and a chrome finish. It includes a temperature limiter and an adjustable hot water stop for safety and comfort.



**Figure 1:** Hansa HANSAVANTIS Style Wall-Mounted Basin Mixer Tap. This image displays the chrome-finished tap with its fixed spout and single lever handle, designed for wall installation.

## 2. SAFETY INFORMATION

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- Ensure all water supply lines are shut off before beginning installation or maintenance.
- Installation should be performed by a qualified professional to ensure compliance with local plumbing and building codes.
- Do not use abrasive cleaners or harsh chemicals on the chrome finish, as this may damage the surface.
- The maximum water temperature for this product is +80°C. Exceeding this temperature may cause damage or injury.
- Always test for leaks after installation and before fully enclosing the wall.

## 3. PACKAGE CONTENTS

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Verify that all components are present before starting installation:

- 1x Hansa HANSAVANTIS Style Basin Mixer Tap (chrome finish)
- Adjustable hot water stop mechanism
- Installation instructions (this manual)
- Mounting hardware for concealed body (specific components may vary based on concealed body model, sold separately)

## 4. SETUP AND INSTALLATION

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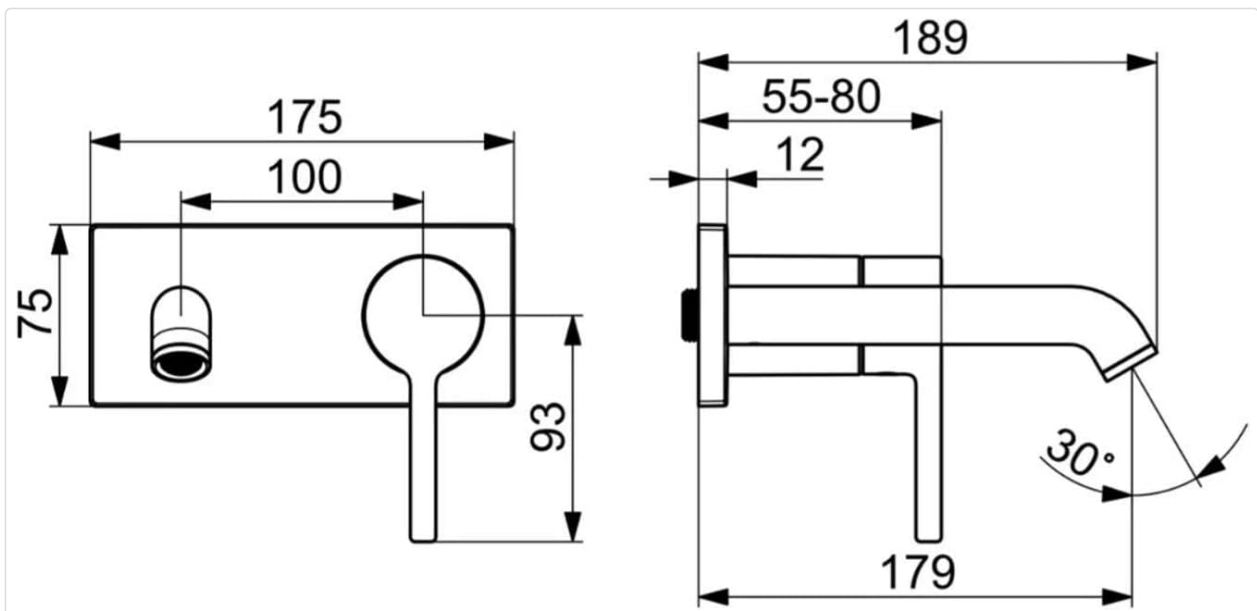
This mixer tap is designed for wall-mounted installation with a separate concealed body (not included). Follow the instructions provided with your concealed body for its installation first.

#### 4.1. Pre-Installation Checks

1. Ensure the wall opening for the concealed body is correctly sized and positioned according to the concealed body's instructions.
2. Verify that hot and cold water supply lines are accessible and correctly marked.
3. Confirm that the wall surface is clean, dry, and structurally sound.

#### 4.2. Mounting the Tap Components

1. After the concealed body is installed and secured within the wall, connect the tap's spout and handle components to the outlets of the concealed body.
2. Secure the decorative plate (escutcheon) to the wall, ensuring it covers the concealed body opening neatly.
3. Attach the fixed spout, ensuring a secure, watertight connection. The spout has a projection of 179 mm.
4. Install the single lever handle. Ensure smooth operation and proper alignment.
5. Adjust the hot water stop as desired. This feature limits the maximum hot water temperature to prevent scalding. Refer to the concealed body's manual for specific adjustment procedures if not detailed here.



**Figure 2:** Dimensional Drawing. This diagram provides critical measurements for installation, including the 179 mm spout projection and overall dimensions of the visible components.

#### 4.3. Post-Installation Checks

1. Slowly turn on the main water supply.
2. Check all connections for leaks. Tighten any loose connections carefully.
3. Test the hot and cold water flow and temperature adjustment.

### 5. OPERATING INSTRUCTIONS

The Hansa HANSAVANTIS Style mixer tap features a single lever for controlling both water flow and temperature.

- **Water Flow:** Lift the lever upwards to increase water flow. Push it downwards to decrease or shut off the flow.
- **Water Temperature:** Move the lever to the left for hot water and to the right for cold water. The further

left or right you move it, the hotter or colder the water will become, respectively.

- **Temperature Limiter:** The integrated temperature limiter and adjustable hot water stop help prevent excessively hot water, enhancing safety.

## 6. MAINTENANCE

### 6.1. Cleaning the Tap

- Clean the chrome surfaces regularly with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for chrome fixtures.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.
- **Do not** use abrasive sponges, scouring pads, or cleaners containing alcohol, ammonia, bleach, or phosphoric acid, as these can damage the chrome finish.

### 6.2. Aerator Maintenance

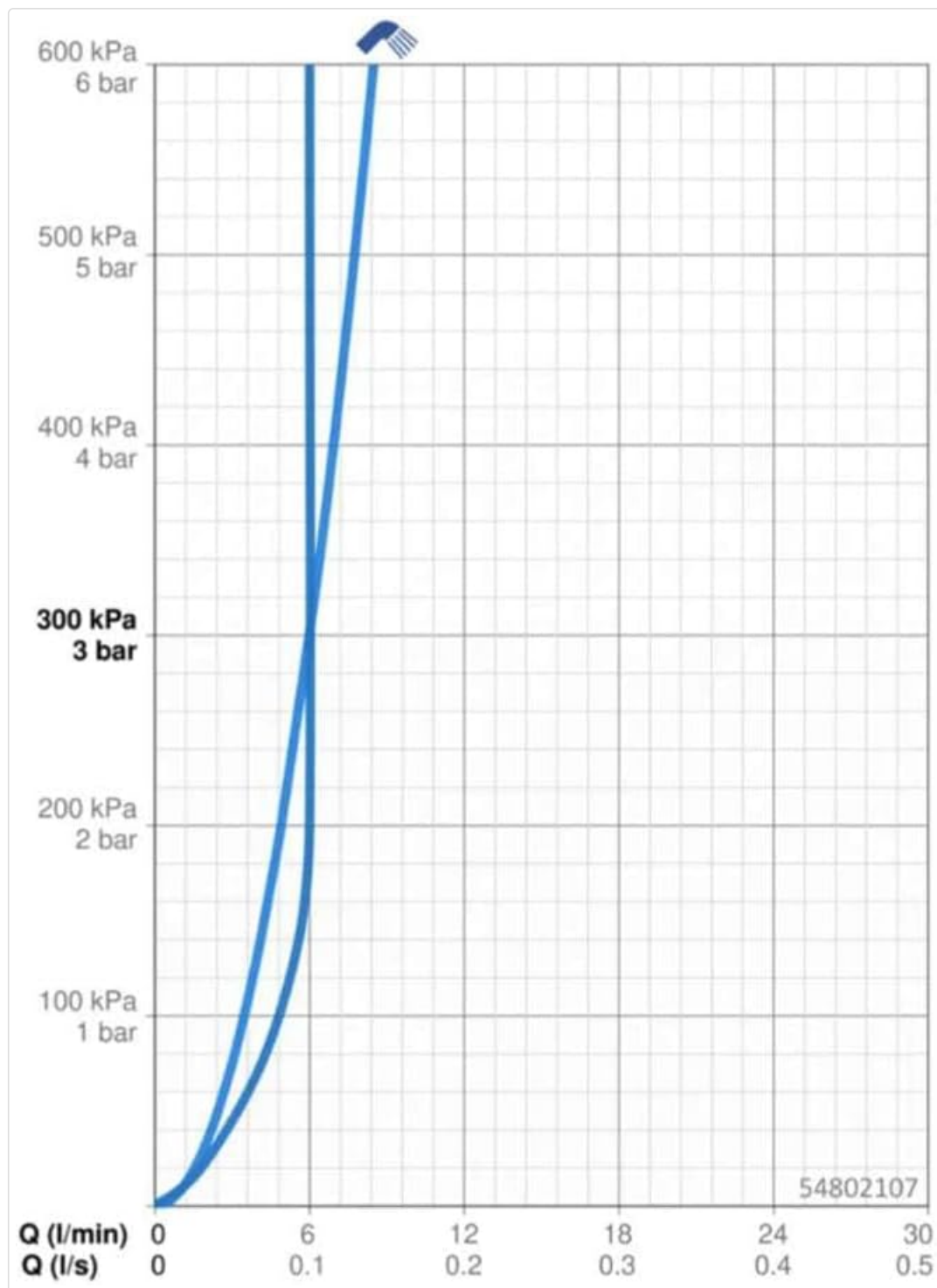
Periodically unscrew the aerator at the tip of the spout to clean out any sediment or debris that may accumulate and restrict water flow. Rinse the aerator components under running water and reassemble.

## 7. TROUBLESHOOTING

| Problem  | Possible Cause  | Solution   |
|--|---|--|
| Low water flow                                 | Clogged aerator; partially closed stopcock; low water pressure.   | Clean aerator; ensure stopcocks are fully open; check household water pressure.                            |
| Water leaks from spout or handle base          | Loose connections; worn O-rings or cartridge.   | Check and tighten connections; if problem persists, contact a qualified plumber for cartridge replacement. |
| Water temperature too hot/cold or inconsistent | Hot water stop incorrectly set; issue with thermostatic cartridge (if applicable); unbalanced water pressure. | Adjust hot water stop; consult a plumber for cartridge inspection or pressure balancing.                   |

## 8. SPECIFICATIONS

- **Model:** Hansa HANSAVANTIS Style, 54802107
- **Brand:** Hansa
- **Color:** Chrome
- **Material:** Brass (handle/lever)
- **Installation Method:** Wall Mount (for concealed body)
- **Spout Projection:** 179 mm
- **Maximum Water Temperature:** +80°C
- **Special Features:** Temperature Limiter, Adjustable Hot Water Stop, Thermostatic Regulation
- **Product Dimensions (L x W x H):** 21 x 16.5 x 6 cm
- **Weight:** 1.2 kg



**Figure 3:** Flow Rate Diagram. This graph illustrates the water flow rate (Q in l/min or l/s) at various water pressures (kPa or bar) for the Hansa HANSAVANTIS Style tap.

## 9. WARRANTY AND SUPPORT

Specific warranty information is not provided in the product data. For warranty details and technical support, please contact Hansa customer service or refer to the official Hansa website.