
INSTALLATION, OPERATION AND MAINTENANCE MANUAL FOR SINGLE-LEVER MIXER TAPS

1. Product Purpose

Single-lever mixer taps are intended as indoor accessories for internal water supply systems. They are used to prepare and regulate mixed water for washbasins, sinks, bathtubs, showers, bidets, and other sanitary equipment.

Note:

In the event of a longer break in use (especially for drinking water distribution systems), we recommend draining a certain amount of water after restarting to remove standing water from the faucet and connection systems. This will prevent possible hygienic deterioration of the water.

2. Technical Specifications

- Recommended operating water pressure: **0.3 – 0.5 MPa**
- Maximum operating pressure: **0.8 MPa**
- Recommended maximum water temperature: **65 °C**

Taps must be installed in environments that meet these parameters to ensure reliable function and longevity.

3. Installation

3.1. Wall-mounted taps

Wall-mounted models are installed with a spacing of **100 ± 20 mm** or **150 ± 20 mm** using $\frac{1}{2}$ " x $\frac{3}{4}$ " wall connectors included in the package.

3.2. Deck-mounted taps

Deck-mounted models are installed into a single mounting hole in the sink, washbasin, or bidet. Connection to water supply is made using flexible hoses with **G 3/8"** thread, supplied with the tap.

Note – Before installation:

- **Flush the water pipes** to remove mechanical impurities (sand, metal particles, etc.), especially in newly built installations.
- After mounting the tap, **open the lever** with the aerator removed and **run water at maximum flow** in the central position.
- This flushes out remaining debris that could damage the sealing edges of the cartridge's ceramic discs.
- Tighten the hose nut by hand, then use a suitable wrench and tighten by $\frac{1}{4}$ turn.
- Ensure the flexible hose is not kinked, twisted, and has a sufficient bending radius.

Warranty does not cover damage caused by impurities in the piping.

4. Operation

Vertical lever movement (**up/down**) controls water flow and shut-off. Horizontal lever movement (**left/right**) adjusts the ratio of hot and cold water.

Bathtub and shower taps marked "**A**" are equipped with a check valve to prevent backflow of contaminated water into the system during pressure drops.

Function of the diverter (bathtub taps):

The diverter allows switching between tub spout and shower even at low water pressure.

Procedure:

- In the default position, the diverter button is pressed – water flows into the tub.
- To switch to the shower, pull the button (with the lever closed) and turn it right to lock it in shower mode.
- Open the water supply with the lever and set the desired temperature and flow.
- After closing the water, turning the button right again returns the diverter to its original position.

Warning:

Switching between tub and shower should only be done with the water turned off (lever down). Failure to follow this procedure may damage the diverter, which is not covered by warranty.

5. Maintenance

To maintain proper tap function:

- Regularly clean aerator screens and hand shower holes.
- When replacing the tap closure, **follow the prescribed tightening torque of 10 Nm** to ensure sealing and smooth lever operation.

Note:

The tap closure is factory-tightened to a precise torque. Use appropriate tools during disassembly or replacement to avoid damaging the internal structure.

6. Troubleshooting Common Issues

Some minor faults are not covered by warranty and can be resolved by the user without voiding the warranty.

Symptom	Possible Cause	Recommended Solution
Lever feels loose or pulls out	Loose screw in lever	Remove lever cap and tighten screw with 2.5 mm Allen key
Water leaks around connection nuts	Misaligned wall connectors or damaged seal	Adjust connector position, replace seal, or tighten adapter (left thread, 10 mm Allen key)
Water leaks under the lever	Loose cartridge adapter	Remove lever and tighten adapter
Weak water flow	Aerator or shower head clogged with limescale	Remove and clean the affected part
Stiff swivel spout movement	Dry or dirty O-rings	Remove spout, clean and lubricate O-rings with silicone grease

7. Surface Cleaning and Care

Use mild liquid cleaners or soap solution to clean tap surfaces. Do not use products containing abrasives, acids, phosphates, or chlorine compounds. Remove limescale deposits with diluted vinegar solution, rinse with clean water, and dry with a soft cloth.

Note:

The manufacturer is not responsible for surface damage caused by improper cleaning or aggressive agents.

8. Waste Handling and Disposal

After the product or its parts reach end of life:

- Submit metal components (brass, stainless steel, etc.) and packaging to recycling as secondary raw materials.
- Dispose of other non-metal parts as municipal waste in accordance with applicable regulations.

Note:

When handling waste, protect health and the environment and follow Act No. 79/2015 Coll. on Waste.

Manufacturer's Note:

Following these instructions ensures long life, reliable function, and aesthetic appearance of your tap.