

## Clage M3/SMB

# CLAGE M3/SMB Small Instantaneous Water Heater User Manual

Model: M3/SMB | Brand: CLAGE

## 1. IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before installation and use. Failure to follow these instructions may result in property damage, personal injury, or death.

- This appliance must be installed by a qualified electrician and plumber in accordance with all local and national regulations.
- Ensure the electrical supply matches the specifications of the appliance (230 V, 3.5 kW).
- Do not operate the appliance if it is damaged or not functioning correctly.
- Do not block the water outlet or tamper with the pressure relief valve.
- This unit is designed for pressureless operation. Only use the special mixer tap supplied with the unit.
- Keep children away from the appliance during operation.
- Disconnect the power supply before performing any maintenance or cleaning.

## 2. PRODUCT OVERVIEW

The CLAGE M3/SMB is a compact, hydraulically controlled small instantaneous water heater designed for over-sink installation. It provides hot water instantly for a single tap, making it ideal for hand washing or small dishwashing tasks. The unit features an effective bare-wire heating system (IES®) and comes with a special mixer tap for wall connection.



This image displays the CLAGE M3/SMB small instantaneous water heater unit mounted above a chrome-finished mixer tap. The water heater unit is a compact, rectangular, silver-colored device designed for over-sink installation. The mixer tap features two control knobs and a curved spout.

### 3. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	M3/SMB
Power Output	3.5 kW
Nominal Voltage	230 V
Electrical Connection	1 AC/N/PE, Plug-ready
Dimensions (H x W x D)	135 x 186 x 87 mm
Weight	Approx. 1.92 kg
Protection Class	IP 25
Water Connections	3/8 inch
Operating Pressure	Pressureless
Mounting Type	Wall-mounted, Over-sink

### 4. INSTALLATION (SETUP)

Installation must be performed by a qualified professional.

#### 4.1 Unpacking

1. Carefully remove all components from the packaging.
2. Check for any visible damage. Do not install if damaged.
3. Ensure all parts listed in the packing contents are present.

#### 4.2 Mounting the Unit

1. Select a suitable wall location directly above the sink, ensuring sufficient space for maintenance and operation.
2. Use the variable metal wall bracket to mark drilling points.

3. Drill holes and insert appropriate wall plugs.
4. Securely fasten the wall bracket to the wall.
5. Mount the water heater unit onto the bracket.

## 4.3 Water Connection

1. Connect the cold water supply to the designated inlet on the mixer tap (usually marked blue).
2. Connect the hot water outlet from the unit to the designated inlet on the mixer tap (usually marked red).
3. Ensure all connections are tight to prevent leaks. Use appropriate sealing materials.
4. Open the main water supply and check for leaks.
5. Before electrical connection, flush the unit by opening the tap until water flows freely and air is expelled.

## 4.4 Electrical Connection

1. Ensure the main power supply is switched off at the circuit breaker.
2. Connect the appliance to a dedicated 230 V, 3.5 kW electrical circuit. The unit is plug-ready.
3. Verify proper grounding.
4. Once connections are secure, switch on the main power supply.

## 5. OPERATION

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### 5.1 First Use

1. After installation and electrical connection, ensure the unit is completely filled with water by opening the cold water tap until water flows steadily.
2. Turn the hot water knob on the mixer tap. The heating element will activate, and hot water will begin to flow after a short delay.
3. Adjust the water temperature by mixing hot and cold water using the mixer tap controls.

### 5.2 Daily Use

- To obtain hot water, turn the hot water knob on the mixer tap. The unit will heat water as it flows through.
- To obtain cold water, turn the cold water knob.
- Adjust the flow rate and temperature as desired using the tap controls.
- The unit is designed for continuous flow within its specified capacity.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your CLAGE M3/SMB water heater.

- **Cleaning the Exterior:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Descaling:** Depending on water hardness, limescale can build up in the heating system. If you notice a decrease in hot water flow or temperature, the unit may need descaling. This procedure should be performed by a qualified technician.
- **Checking Connections:** Periodically inspect water and electrical connections for any signs of leaks or wear.
- **Mixer Tap Maintenance:** Clean the aerator of the mixer tap regularly to remove any debris or limescale.

buildup that might restrict water flow.

## 7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide:

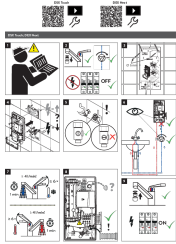
Problem	Possible Cause	Solution
No hot water	No power supply Water flow too low Heating element fault	Check circuit breaker and power connection Increase water flow at the tap Contact qualified technician
Low hot water flow	Clogged aerator Limescale buildup Insufficient water pressure	Clean aerator Descale unit (professional service) Check main water supply pressure
Water leaking from unit or connections	Loose connections Damaged seals Internal fault	Tighten connections (do not overtighten) Replace seals (professional service) Contact qualified technician
Water not hot enough	Water flow too high Limescale buildup	Reduce water flow at the tap Descale unit (professional service)

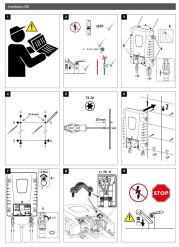




If the problem persists after attempting these solutions, please contact a qualified technician or CLAGE customer support.

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please refer to the official CLAGE website or contact your local CLAGE dealer. Keep your purchase receipt as proof of purchase.

### Related Documents - M3/SMB

	<p><a href="#">CLAGE DSX Touch and DEX Next: Installation and Troubleshooting Guide</a></p> <p>Comprehensive guide for installing and troubleshooting CLAGE DSX Touch and DEX Next instantaneous water heaters, covering electrical and water connections, and error resolution.</p>
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	<p><a href="#">CLAGE ISX Electronic Instantaneous Water Heater Installation Guide</a></p> <p>Comprehensive installation guide for the CLAGE ISX electronic instantaneous water heater, detailing setup, electrical connections, safety precautions, and troubleshooting steps.</p>
	<p><a href="#">CLAGE MCX 3..7 SMARTRONIC® Electronic Instant Water Heater: Operating and Installation Instructions</a></p> <p>Comprehensive guide for installing, operating, and maintaining CLAGE MCX 3..7 SMARTRONIC® electronic instantaneous water heaters. Includes safety notes, technical specifications, and troubleshooting.</p>
	<p><a href="#">CLAGE DEX12 Next: Operating and Installation Instructions</a></p> <p>Comprehensive guide for the CLAGE DEX12 Next electronic instantaneous water heater, covering operation, installation, technical specifications, and troubleshooting.</p>
	<p><a href="#">CLAGE FX 3 Remote Control: Operating and Installation Manual</a></p> <p>This manual provides comprehensive operating and installation instructions for the CLAGE FX 3 Bluetooth remote control, designed for CLAGE instantaneous water heaters. It covers safety precautions, device description, technical specifications, installation steps, initial operation, handling, display information, troubleshooting, and contact details.</p>
	<p><a href="#">CLAGE DEX Next: Gebrauchs- und Montageanleitung</a></p> <p>Umfassende Bedienungs- und Montageanleitung für den CLAGE DEX Next Komfort-Durchlauferhitzer. Enthält Informationen zu Installation, Bedienung, Wartung, Fehlerbehebung und technischen Daten für effiziente Warmwasserbereitung.</p>