

Clage TRVC_1701422

CLAGE MCX6 Instantaneous Water Heater User Manual

Model: TRVC_1701422

1. INTRODUCTION

Thank you for choosing the CLAGE MCX6 Instantaneous Water Heater. This compact and energy-efficient appliance is designed to provide hot water on demand, ideal for single-point-of-use applications such as a washbasin. This manual provides essential information for the safe installation, operation, and maintenance of your new water heater. Please read it thoroughly before installation and keep it for future reference.

The CLAGE MCX6 is a Smartronic instantaneous water heater with a power output of 5.7 kW, operating at 230V. Its compact design (135 x 186 x 87 mm) and vertical shape make it suitable for under-sink installation. It offers immediate heating and is rated energy efficiency class A.

2. SAFETY INFORMATION

Important Safety Instructions: Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before installing or using this water heater.
- Installation must be performed by a qualified electrician and plumber in accordance with all local and national electrical and plumbing codes.
- Ensure the power supply matches the voltage and wattage requirements of the unit (230V, 5.7 kW).
- Do not operate the unit if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged.
- Do not immerse the unit, cord, or plug in water or other liquids.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Disconnect power before servicing or cleaning the unit.



Image: NF Certification Logo. This logo indicates that the product complies with French and European safety standards, ensuring quality and reliability.

3. PRODUCT OVERVIEW

The CLAGE MCX6 is a compact, electronically controlled instantaneous water heater designed for efficient hot water supply. It features a user-friendly interface for temperature selection and a robust build for durability.



Image: Front view of the CLAGE MCX6 Instantaneous Water Heater. The unit is white with a grey control panel displaying temperature settings (35°, 38°, 45°). Water inlet and outlet connections are visible at the top.

Key Features:

- **Instantaneous Heating:** Provides hot water immediately upon demand.
- **Compact Design:** Small footprint suitable for under-sink installation.
- **Energy Efficiency Class A:** Designed for optimal energy consumption.
- **Electronic Control:** Precise temperature selection.
- **Durable Construction:** Built for long-lasting performance.

4. SETUP AND INSTALLATION

Installation of the CLAGE MCX6 water heater requires professional expertise. It involves both electrical and plumbing work. Incorrect installation can lead to electric shock, fire, or water damage.

Installation Steps (for Qualified Professionals Only):

1. **Site Selection:** Choose a location under the sink that is protected from freezing temperatures and allows for easy access for maintenance. Ensure sufficient space for the unit (dimensions: 135 x 186 x 87 mm).
2. **Mounting:** Securely mount the unit vertically to a solid surface using appropriate fasteners.
3. **Plumbing Connections:** Connect the cold water inlet and hot water outlet pipes. Ensure all connections are watertight. The unit is designed for connection to a single faucet.
4. **Electrical Connection:** Connect the unit to a dedicated 230V single-phase electrical circuit with appropriate circuit protection (5.7 kW power requirement). Ensure proper grounding.
5. **System Flush:** Before connecting to power, flush the system with water to remove any air and debris.
6. **Leak Check:** Inspect all connections for leaks after filling the unit with water.
7. **Power On:** Once all connections are secure and checked, switch on the electrical supply to the unit.



Image: Example of CLAGE MCX6 installed vertically under a sink. The unit is connected to water lines and an electrical outlet, positioned neatly beneath a washbasin.

5. OPERATING INSTRUCTIONS

The CLAGE MCX6 is designed for simple operation. Once installed and powered, it is ready to provide hot water.

Temperature Selection:

- The unit features touch buttons on its front panel to select desired hot water temperatures.
- Common temperature settings include 35°C, 38°C, and 45°C, indicated by illuminated numbers on the display.
- Simply press the corresponding button for your preferred temperature. The unit will heat the water to the selected temperature almost instantly.
- The selected temperature will be maintained as long as water flows through the unit.

Energy Saving Tips:

- Only select the temperature you need. Lower temperatures consume less energy.
- Ensure the faucet is not dripping, as continuous flow will activate the heater unnecessarily.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your CLAGE MCX6 water heater.

- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Descaling:** In areas with hard water, mineral deposits (limescale) can build up inside the unit, affecting performance. Descaling should be performed periodically by a qualified technician. The frequency depends on water hardness and usage.
- **Filter Cleaning:** Check and clean the inlet water filter (if present) regularly to prevent blockages and maintain water flow. Refer to the full technical manual for specific instructions.
- **Professional Inspection:** It is recommended to have the unit inspected by a qualified professional every 1-2 years to ensure optimal performance and safety.

Caution: Always disconnect the power supply to the unit before performing any maintenance or cleaning.

7. TROUBLESHOOTING

If you experience issues with your CLAGE MCX6, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
No hot water / Unit not heating	No power supply; Circuit breaker tripped; Insufficient water flow; Unit malfunction.	Check power connection and circuit breaker; Ensure adequate water flow (open faucet fully); Contact service if problem persists.
Water not hot enough	Incorrect temperature setting; High incoming water temperature; Limescale buildup.	Increase temperature setting; Reduce water flow slightly; Consider professional descaling.
Low water flow	Clogged faucet aerator; Clogged inlet filter; Kinked water line.	Clean faucet aerator; Clean inlet filter; Check water lines for kinks.
Unit leaking	Loose plumbing connections; Damaged internal component.	Tighten connections (if safe to do so); Immediately disconnect power and water supply; Contact service.

8. SPECIFICATIONS

Detailed technical specifications for the CLAGE MCX6 Instantaneous Water Heater.

Brand	CLAGE
Model Number	TRVC_1701422 (MCX6)
Product Dimensions (H x W x D)	13.5 x 18.6 x 8.7 cm
Weight	1.78 kg
Color	White
Style	Tankless
Energy Source	Electric (Wired)
Voltage	230 VAC
Wattage / Heat Output	5700 Watts (5.7 kW)
Capacity	3.2 Liters (internal volume, not storage)

Energy Efficiency Class	A
Included Components	1 product + manual

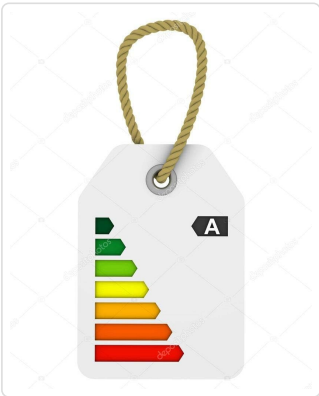


Image: Energy Efficiency Label. This label indicates the product's energy efficiency class, which is 'A' for the CLAGE MCX6, signifying high energy efficiency.


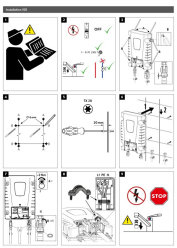
9. WARRANTY AND SUPPORT





For warranty information and customer support, please refer to the warranty card included with your product or visit the official CLAGE website. Keep your purchase receipt as proof of purchase.

For technical assistance, spare parts, or service requests, please contact CLAGE customer service or an authorized service partner in your region.

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Related Documents - TRVC_1701422

	<p>CLAGE E-mini Instant Water Heater M/SNM Product Information</p> <p>Detailed product information for the CLAGE E-mini instant water heater, model M/SNM. Covers application areas, technical specifications, description, profitability comparison, installation guidelines, and accessories.</p>
	<p>CLAGE ISX Electronic Instantaneous Water Heater Installation Guide</p> <p>Comprehensive installation guide for the CLAGE ISX electronic instantaneous water heater, detailing setup, electrical connections, safety precautions, and troubleshooting steps.</p>

 <p>CLAGE elektronický průtokový ohřívač MCX3..7 SMARTRONIC® Elektronický průtokový ohřívač Electronic instant water heater MCX3..7 SMARTRONIC® Operating and installation instructions</p>	<p>CLAGE MCX 3..7 SMARTRONIC® Electronic Instant Water Heater: Operating and Installation Instructions</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>CLAGE</p> <p>Bedienungs- und Montageanleitung Operating and installation instructions Elektronischer Durchlauferhitzer DEX12 Next Elektronischer Durchlauferhitzer DEX12 Next</p>	<p>CLAGE DEX12 Next: Operating and Installation Instructions</p> <p>Comprehensive guide for the CLAGE DEX12 Next electronic instantaneous water heater, covering operation, installation, technical specifications, and troubleshooting.</p>
 <p>CLAGE</p> <p>Bedienungs- und Montageanleitung Operating and installation instructions Fernbedienung FX 3 Für Durchlauferhitzer Bluetooth-Durchlauferhitzer Remote control FX 3 For instantaneous water heaters</p>	<p>CLAGE FX 3 Remote Control: Operating and Installation Manual</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>CLAGE</p> <p>Bedienungs- und Montageanleitung Operating and installation instructions Elektronischer Durchlauferhitzer DEX Next Elektronischer Durchlauferhitzer DEX Next</p>	<p>CLAGE DEX Next: Gebrauchs- und Montageanleitung</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>