

E-mini instant water heater MCX



Application areas

Single point supply:

- > Washbasin
- > Sanitary facilities in commercial buildings
- > Kitchenette (MCX 6 or MCX 7)



E-mini instant water heater

MCX

Product information



	Energy efficiency class A (Scale: A+ to F)			
	MCX3	MCX4	MCX6	MCX7
Part number:	1500-15003	1500-15004	1500-15006	1500-15007
Type:	closed-outlet			
Maximum operating pressure [MPa (bar)]:	1 (10)			
Water connections (thread connections):	G 3/8"			
User set temperature [°C]:	> 35 – 38 – 45			
Hot water output at $\Delta t = 25\text{ K}^{1)}$ [l/min]:	2.0	2.5	3.3	3.7
Switch-on flow rate / max. flow rate ²⁾ [l/min]:	1.2 / 1.9	1.5 / 2.5	1.5 / 3.0	1.5 / 3.5
Nominal power rating [kW]:	3.5	4.4	5.7	6.5
Supply voltage [1~ / N / PE 220 – 240 V AC]:	☺ with plug ³⁾	🔌 permanent connection	🔌 permanent connection	
Supply voltage [2~ / PE 400 V AC]:				🔌 permanent connection
Nominal current [A]:	15	19	25	16
Required cable diameter [mm ²]:	1.5	2.5	4.0	2.5
Bare wire heating system IES®:	✓			
Ready for Smart Control:	✓ 📱 🤖 iOS (optional)			
Ready for FX wireless remote control:	✓ 📶 (optional)			
Solar-compatible, suitable for reheating (inlet temperature $\leq 70\text{ °C}$):	✓ ☀️			
VDE approved / Protection class:	✓ / IP 25			
Specific water resistance at 15 °C [Ωcm] \geq :	1100	800	800	1100
Nominal volume [litres]:	0.2			
Weight filled with water [kg]:	approx. 1.5			
Dimensions (height × width × depth) [cm]:	13.5 × 18.6 × 8.7			

1) Temperature increase e.g. from 15 °C to 40 °C 2) Limited flow amount for optimal temperature increase. 3) Also available as MCX3 (E) [part no.: 1500-15013] with power supply cable for permanent connection.

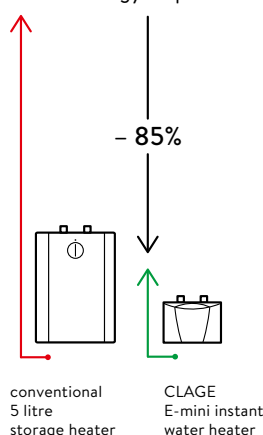
Description

- > Electronically controlled instant water heater (undersink model) with a compact design for energy-efficient hot water supply of a washbasin or a kitchenette
- > The heating output is electronically controlled. This provides an ideal hot water temperature without the need to add cold water at the tap.
- > Touch button controls with colour LEDs to set the outlet temperature to 35 °C, 38 °C or max. 45 °C
- > The efficient bare wire heating system IES® with replaceable heating cartridge provides an extended service life and easy maintenance
- > Unvented design
- > Connection kit (T-piece and flexible pressure hose) for an angle valve is included
- > Aerator insert for tap adapter M 22/24 at the tap is included
- > Can also be controlled via tablet or smartphone (iOS 9* or higher / Android-OS 4.4 or higher, FXE 3 adapter and the "Smart Control" app required)

Profitability comparison (Source: www.clage.com)

Saves up to 85 % energy compared to conventional small storage heaters.

The E-mini instant water heater is convincing due to its small size and economical operation. The water is heated directly as it flows through the unit. Hot water is not stored in a tank, which saves standby energy that would be otherwise required. The comparison clearly shows the annual savings potential of the instantaneous water heater, as the heat losses of a storage tank can be higher than the useful energy required for washing hands.



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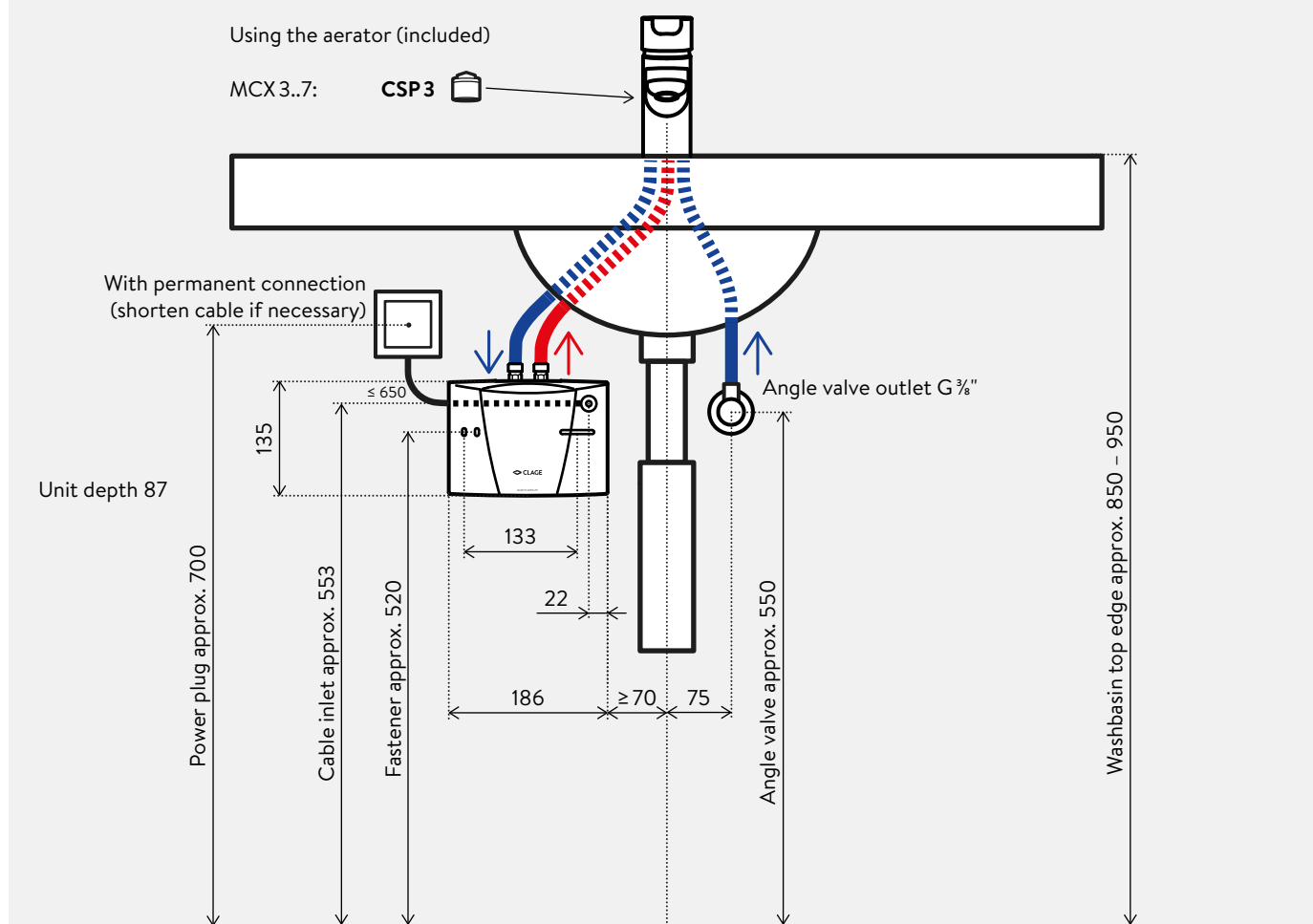
Installation



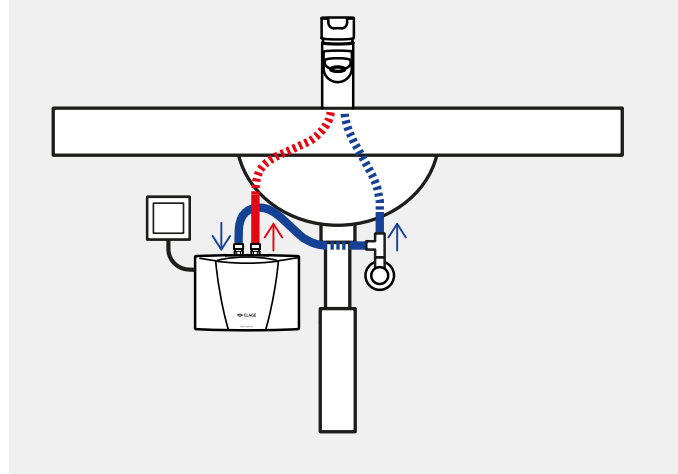
Example of an **open-outlet** installation

Measurements in mm

Assembly and operating instructions must be observed upon installation

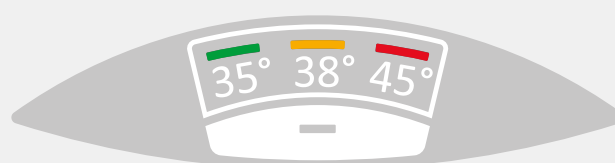


Alternative installation with **closed-outlet** tap.



Push-button control panel

The control panel with the sensor button and three colour LEDs is used to set the outlet water temperature to 35 °C, 38 °C or 45 °C.



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Accessories



Accessory for undersink installation (included)

FVS

Flexible connecting hose $\frac{3}{8}$ inch cap nut \times $\frac{3}{8}$ inch cap nut, length 50 cm

Part no. 89620

T-piece

Special T-connector $\frac{3}{8}$ inch cap nut \times $\frac{3}{8}$ inch angle valve 10 mm

Part no. 89610



Aerator CSP 3 (included)

The aerator at the tap supports the energy- and water-saving operation of the compact instant water heater. The new special CSP aerators mix air into the water and thus create a uniform water stream that does not splatter but softly cascades down.

Aerator insert for tap adapter M 22/24 at the tap

CSP 3 (< 2 l/min): Part no. 0010-00421



FXS 3 (D, M) remote control set (optional)

FX3 remote control including Bluetooth® remote control adapter FXE3 for integration into the instantaneous water heater as a set. In addition to the operation at the device, the remote control allows the comfortable temperature adjustment of the instantaneous water heater over a distance of approx. 10 metres in the building. Secure Bluetooth® radio transmission, stepless temperature selection via two buttons, two fixed value buttons and an LCD display, magnetic wall bracket and batteries (included in delivery).

IP 20. Dimensions (H \times B \times T): 5.8 \times 12.5 \times 1.9 cm

FXS 3 (D, M): Part no. 3200-34020



FXE 3 (D, M) remote control adapter (optional)

Bluetooth® remote control adapter for integration into the instantaneous water heater to connect the water heater to a smartphone / tablet or the FX3 remote control. This adapter is required if the appliances are not yet equipped with an FX3 remote control.

FXE 3 (D, M): Part no. 3200-34022

