

E-mini instant water heater M

Application areas

Single point supply:

- > Washbasin
- > Sanitary facilities in commercial buildings
- > Kitchen sink (M6 or M7)



E-mini instant water heater

M



	Energy efficiency class A			
	M 3	M 4	M 6	M 7
Part number:	1500-17003	1500-17004	1500-17006	1500-17007
Type:	open-outlet			
Water connections (thread connections):	G 3/8"			
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]:	1.3 / 2.0	1.8 / 2.5	2.2 / 3.3	2.4 / 3.7
Nominal power rating [kW]:	3.5	4.4	5.7	6.5
Supply voltage [1~ / N / PE 230 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 [®] :	✓			
VDE approved / Protection class:	✓ / IP 25			
Specific water resistance at 15 °C [Ωcm] \geq :	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. Can be adjusted via water amount adjustment. 3) Also available as M 3 (E) [part no.: 1500-170032] with power supply cable for permanent connection.

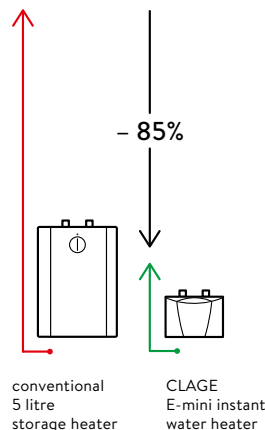
Description

- > Hydraulically controlled instant water heater (undersink model) with compact design for the energy-efficient hot water supply of a washbasin
- > Cost-efficient and quick installation, ideally suited for replacing open-outlet water storage heaters
- > The full heating capacity turns on automatically as soon as water flows through the unit
- > Efficient flow technology for an optimum water jet and economical water consumption
- > The efficient IES[®] bare wire heating system with replaceable heating cartridge provides an extended service life and easy maintenance
- > Removable rating plate cover for access to the main hood screw and water volume adjustment
- > Vented design, only suitable for open-outlet taps
- > Aerator insert for tap adapter M 22/24 at the tap is included

Profitability comparison: (Source: www.clage.com)

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

The E-compact instant water heater features an 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.



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Example of an **open-outlet** installation

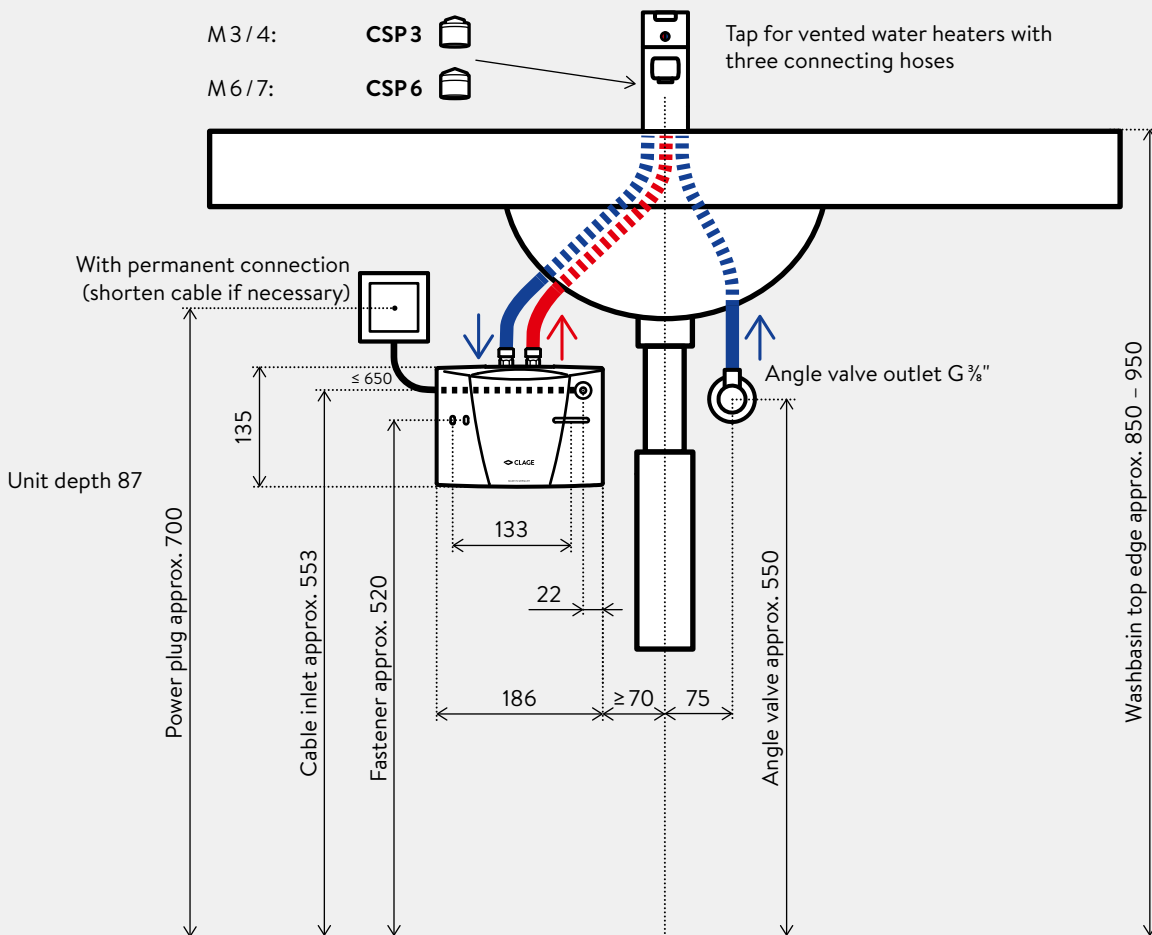
Measurements in mm

Assembly and operating instructions must be observed upon installation.

Using the aerator (included):

- M3/4: **CSP3** 
- M6/7: **CSP6** 

Tap for vented water heaters with three connecting hoses



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Accessories



Aerator CSP3 and CSP6 (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 M22/24 at the tap

CSP3 (< 2l/min): Part no. 0010-00421

CSP6 (< 3.5l/min): Part no. 0010-00461



AEB / AEN (optional)

Contactless, electronically controlled sensor tap with hygienic rinse activation, height × width: 13.3 × 14.0 cm

AEB: 6V-battery operation, Part no. 1100-04250

AEN: with 230 V-power supply, Part no. 1100-04255



END (optional)

Singel-lever mixer tap with Easy-Fix mounting system and pull-up drain stopper, outlet 10.5 cm, height × width: 11.1 × 15.2 cm

END: Part no. 1100-04410



EWT (optional)

Single lever mixing tap with nickel- and lead-free water lines, Easy Fix mounting system and pull-up drain stopper, outlet 11.2 cm, height × width: 15.1 × 17.5 cm

EWT: Part no. 1100-04420

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Accessories



SNM (optional)

Two-handle washbasin mixer tap with swivel spout 16 cm,
height × width: 22.5 × 16.0 cm

SNM: Part no. 1100-04200