

# E-mini instant water heater M/END



## Application areas

Single point supply:

- > Washbasin
- > Sanitary facilities in commercial buildings



# E-mini instant water heater

## M / END

### Product information



	☰	☱
Energy efficiency class <b>A</b> (Scale: A+ to F)	<b>M 3 / END</b>	<b>M 3 (E) / END</b>
Part number:	1500-17243	1500-172432
Type:	open-outlet	
Water connections (thread connections):	G 3/8"	
Hot water output at $\Delta t = 25\text{ K}^{1)}$ [l/min]:	2.0	
Switch-on flow rate / max. flow rate <sup>2)</sup> [l/min]:	1.3 / 2.0	
Nominal power rating [kW]:	3.5	
Supply voltage [1~ / N / PE 230 V AC]:	☺ with plug	☑ permanent connection
Nominal current [A]:	15	
Required cable diameter [mm <sup>2</sup> ]:	1.5	
Bare wire heating system IES <sup>®</sup> :	✓	
VDE approved / Protection class:	✓ / IP 25	
Specific water resistance at 15 °C [ $\Omega\text{cm}$ ] $\geq$ :	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.

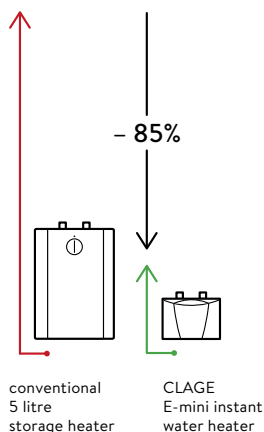
#### Description

- > Hydraulically controlled instant water heater (undersink model) with compact design for the energy-efficient hot water supply of a washbasin, with single-lever mixer tap
- > 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 bare wire heating system IES<sup>®</sup> with replaceable heating cartridge provides an extended service life and easy maintenance
- > Ready to use, vented design
- > Set is easy to install with flexible steel hoses G 3/8 inch × 50 cm and power cable 60 cm
- > Aerator insert for 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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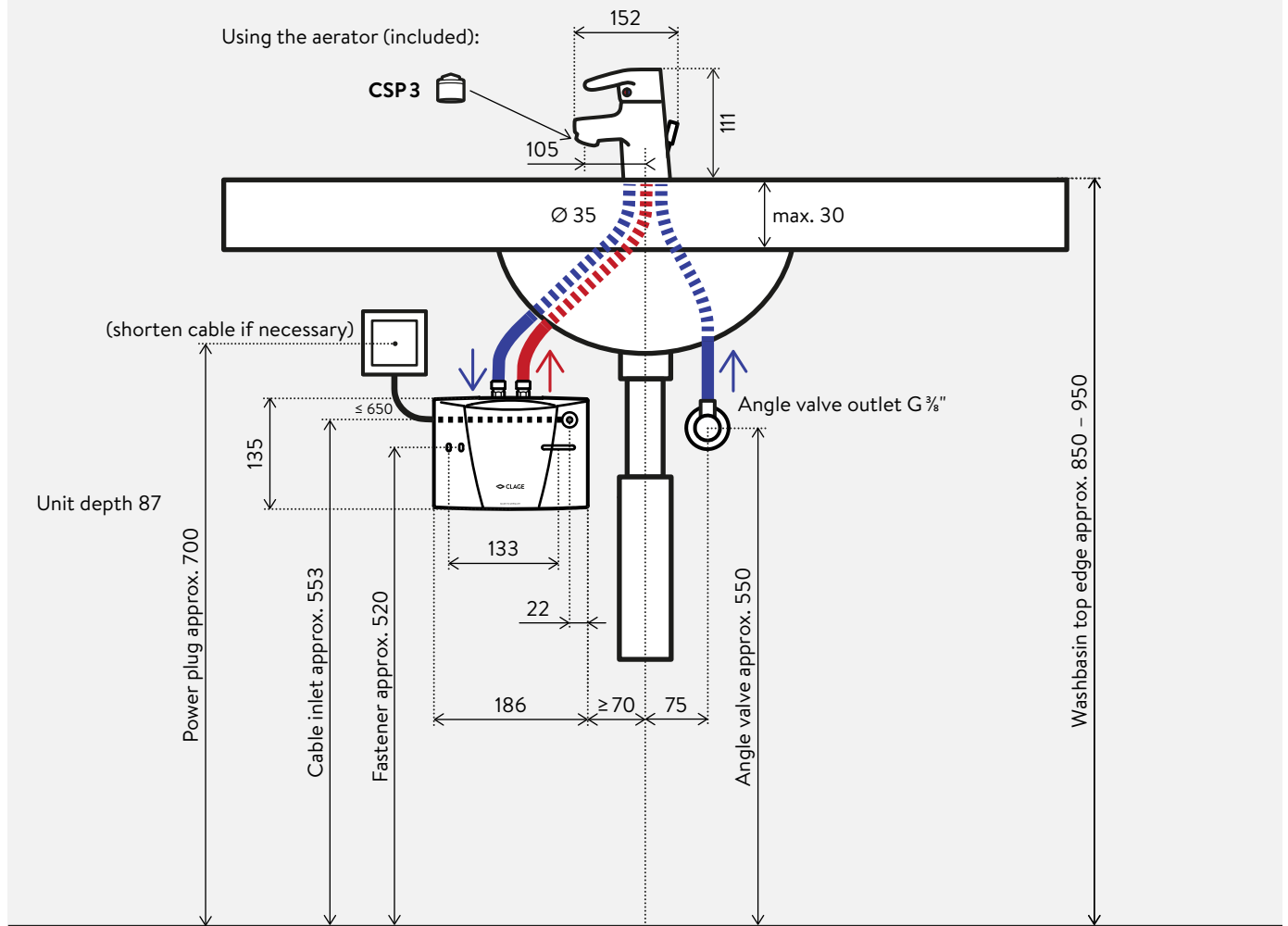
### Installation



Sample installation (**open-outlet**)

Measurements in mm

Assembly and operating instructions must be observed upon installation.





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