

E-compact instant water heater CFX-U



Application areas

Single point supply:

- > Kitchen sink
- > Washbasin
- > Double washbasin



E-compact instant water heater

CFX-U

Product information



Energy efficiency class **A** (Scale: A+ to F) **CFX-U** (Multiple Power System: 11 or 13.5 kW adjustable)

Part number:	2400-26513	
Type:	closed-outlet	
Maximum operating pressure [MPa (bar)]:	1 (10) ^{*)}	
Water connections (thread connections):	G 3/8"	
User set temperature [°C]:	20 to 60	
Hot water output at $\Delta t = 33 \text{ K}$ ^{1) 2)} [l/min]:	4.8	5.8 ³⁾
Switch-on flow rate / max. flow rate ⁴⁾ [l/min]:	2 / 5	
Nominal power rating ⁵⁾ [kW]:	11	13.5
Nominal voltage [3~ / PE 380 – 415 V AC]:	fixed connection	
Nominal current ²⁾ [A]:	16	20
Required cable diameter ²⁾ [mm ²]:	1.5	2.5
Bare wire heating system IES [®] :	✓	
Ready for Smart Control:	✓	
FX Next wireless remote control:	✓ (included)	
Solar-compatible, suitable for reheating (inlet temperature $\leq 60 \text{ °C}$):	✓	
VDE approved / Protection class:	✓ / IP 24	
Specific water resistance at 15 °C [Ωcm] \geq :	1000	
Nominal volume [litres]:	0.3	
Weight filled with water [kg]:	approx. 2.7	
Dimensions (height × width × depth) [cm]:	29.4 × 17.7 × 10.4	

^{*)} Also approved for pressureless operation ¹⁾ Temperature increase e.g. from 12 °C to 45 °C ²⁾ Depending on the selected power rating ³⁾ Mixed water ⁴⁾ Limited flow amount for optimal temperature increase ⁵⁾ Related to nominal voltage 400 V

Description

- > Electronically controlled instant water heater (undersink model) with compact design and Bluetooth remote control
- > Temperature setting from 20 °C to 60 °C via sensor keys and e-paper display on the remote control
- > The heating output is electronically controlled. This provides an ideal hot water temperature without the need to add cold water at the tap.
- > Easy installation under the kitchen sink facilitated by small dimensions and external 3/8 inch water connectors
- > With power cable for 3-phase power supply
- > Precise temperatures due to TWIN TEMPERATURE control TTC[®] up to the capacity of the appliance
- > The efficient bare wire heating system IES[®] reduces lime scale deposits and provides an extended service life
- > Connection Kit (T-piece and flexible connecting hose) for an angle valve is included
- > With the Multiple Power System MPS[®], the maximum power rating is set at the time of installation: 11 or 13.5 kW
- > Can also be controlled via tablet or smartphone (iOS9 or higher / Android-OS 4.4 or higher, FXE3 adapter and the »Smart Control« app required)
- > Solar-compatible (inlet temperature $\leq 60 \text{ °C}$)

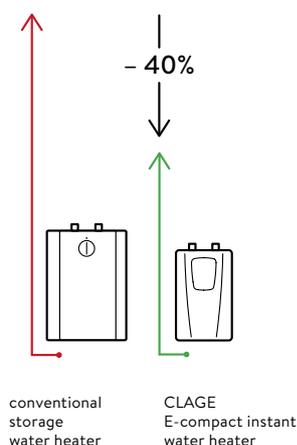
^{*)} iOS is a registered trademark of Apple Inc.

Subject to technical changes and version changes. Errors and omissions excepted. Date of publication: 12.21

Profitability comparison (Source: www.clage.com)

Saves up to 40 % energy compared to conventional 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.



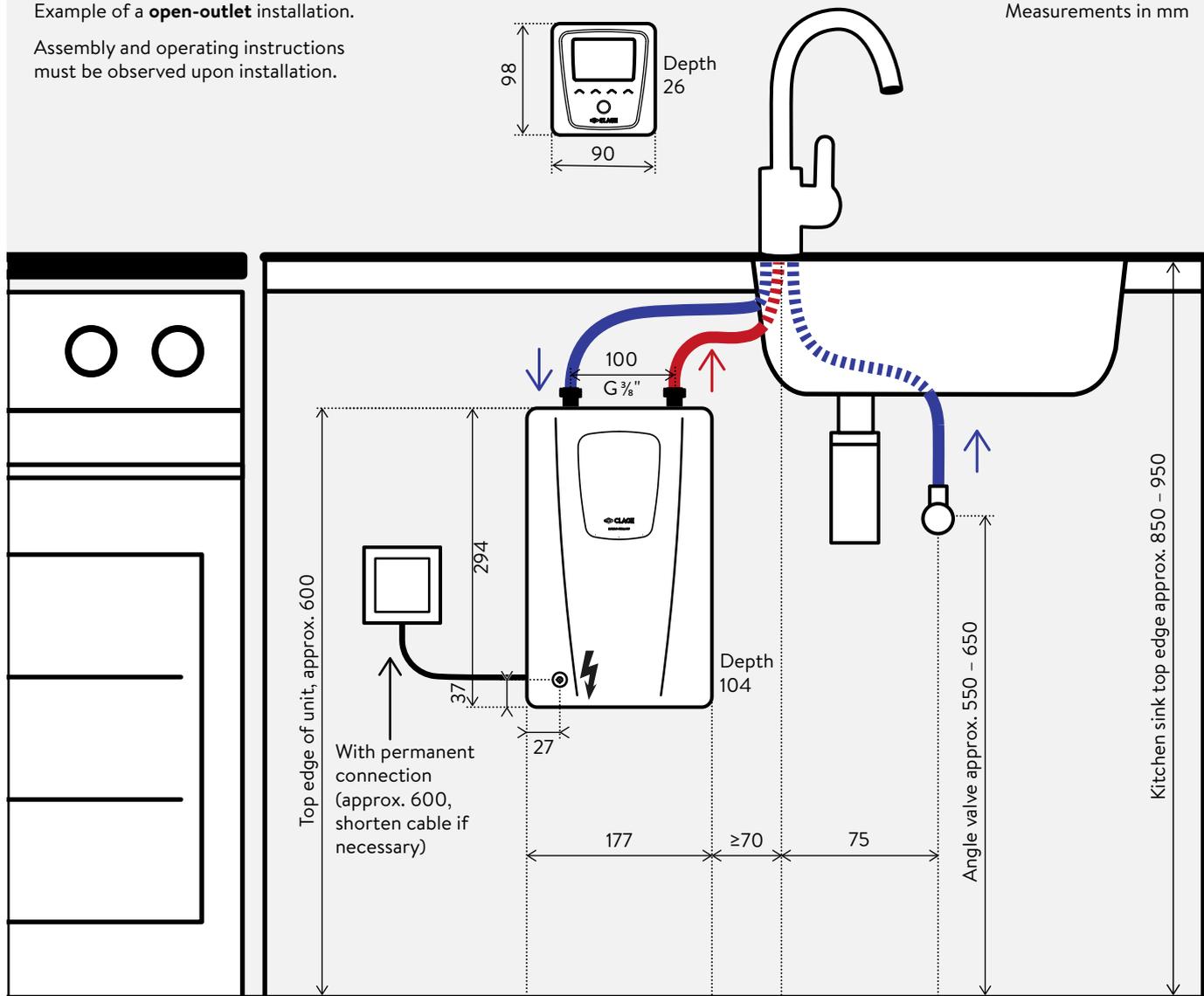
E-compact instant water heater CFX-U Installation



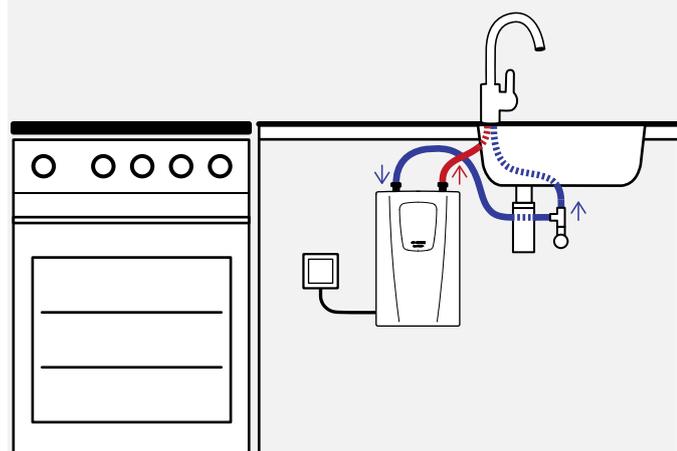
Example of a **open-outlet** installation.

Assembly and operating instructions must be observed upon installation.

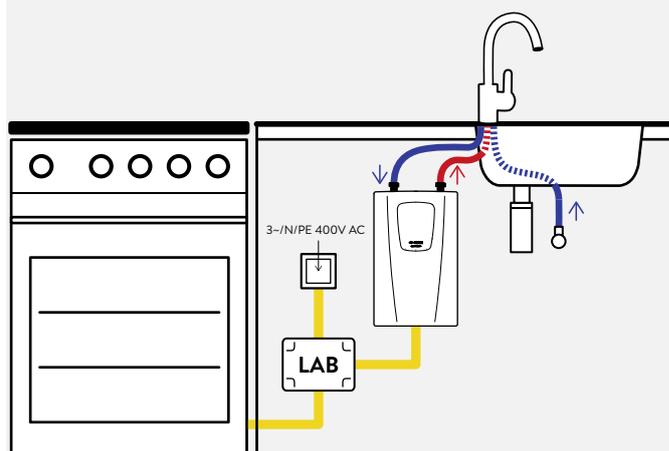
Measurements in mm



Alternative: **closed-outlet** installation



Electrical connection with **load shedding switch LAB** at only one existing 400 Volt cooker terminal outlet box, if no separate outlet is available for the instant water heater.



E-compact instant water heater CFX-U Accessories



FX 3 remote control (optional)

Additional remote control for convenient temperature adjustment of the instant water heater at interior distances of up to 10 meters. Secure Bluetooth transfer, continuous two-button temperature selection, two pre-set buttons and a LCD display, magnetic wall holder and batteries included. IP 20.

Dimensions (H × W × D): 5.8 × 12.5 × 1.9 cm

FX3: Part no. 3200-34021



Accessory for undersink installation (included)

FVS

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

Part no. 89620

T-piece

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

Part no. 89610



LAB (optional)

Load shedding module (electrical installation kit) with pre-installed cables, contactor and load shedding relay, for joint connection of an instant water heater and an electromechanical cooker at a cooker terminal outlet box, if no separate outlet is available for the instant water heater. IP 55. Dimensions (H × W × D): 18 × 13 × 8 cm

LAB: Part no. 82260



Recommended accessories for kitchen application (optional)

EAK (vented)

Single-lever mixer tap with side lever and swivel spout 20 cm

EAK: Part no. 1100-04430



Recommended accessories for bath application (optional)

EWT / EWT-C

Single-lever mixer tap, nickel and lead free waterways,
Easy-Fix fastening system and drawbar drain fitting,
spout 11.2 cm, height x width: 15,1 x 17,5 cm

EWT (open-outlet): Part no. 1100-04420

EWT-C (closed-outlet): Part no. 1100-04421



Aerator CSP 6, CSP 6a and CSP 6i (optional)

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 6 (< 3.5l / min): Part no. 0010-00461
- > Aerator with chrome tap adapter M 24a
(suitable for taps with internal thread at outlet)
CSP 6a: Part no. 0010-0047
- > Aerator with chrome tap adapter M 22i
(suitable for taps with external thread at outlet)
CSP 6i: Part no. 0010-0046