

E-module instant water heater ISX



Application areas

Single and multiple point supply:

- > Bathroom (shower, bath tub, washbasin)
- > Shower room
- > Kitchen sink
- > Central housing supply














Installation example with ring circuit

E-module instant water heater

ISX

Product information



	  	   
Energy efficiency class A (Scale: A+ to F)	ISX 13 (11 o. 13.5 kW)	ISX (18. 21. 24. 27 kW)
Part number:	3200-36713	3200-36700
Type:	closed-outlet	
Maximum operating pressure [MPa (bar)]:	1(10) ¹⁾	
Water connections (thread connections):	G ½"	
User set temperature [°C]:	20 to 60 [70]	
Hot water output at $\Delta t = 28\text{ K}$ ^{2) 3) 4)} [l/min]:	5.6 6.9	9.2 10.7 12.3 13.8
Switch-on flow rate / max. flow rate [l/min]:	1.5 / automatic ⁵⁾	1.5 / automatic ⁵⁾
Nominal power rating [kW]:	11 13.5	18 21 24 27
Nominal voltage [3~ / PE 400 V ⁶⁾ AC]:	 Permanent connection	
Nominal current [A]:	16 20	26 30 35 39
Required cable diameter [mm ²]:	1.5 2.5	4.0 4.0 6.0 6.0
Bare wire heating system IES®:	✓	
Ready for Smart Control:	✓ 	
Ready for Bluetooth remote control:	✓  (included)	
Solar-compatible, suitable for reheating (inlet temperature $\leq 70\text{ °C}$):	✓ 	
VDE approved / Protection class:	✓ / IP 21	
Specific water resistance at 15 °C [Ωcm] \geq :	1100	
Nominal volume [litres]:	0.4	
Weight filled with water [kg]:	approx. 4.5	
Dimensions (height × width × depth) [cm]:	40.2 × 27.8 × 9.9	

1) Also approved for pressureless operation 2) Temperature increase e.g. from 12 °C to 40 °C 3) Depending on the set nominal power rating 4) Mixed water
5) Depending on line pressure, selected temperature and supply temperature 6) Also approved for nominal voltage 380 V

Description

- > Fully electronically controlled module instant water heater with sensor keys and LED display for convenient and economical hot water supply to one or more tap(s)
- > Temperature setting, definition of individual temperature profiles and viewing of consumption values via the supplied e-paper remote control FX Next or optionally via smartphone
- > Always precise temperatures between 20 °C and 60 °C with TWIN TEMPERATURE Control TTC® and SERVOTRONIC® dynamic flow rate control
- > The efficient bare wire heating system IES® reduces lime scale deposits and provides an extended service life
- > Function for thermal treatment with 70 °C for more hygiene (not for ISX 13 due to insufficient power)
- > Electronic safety system with air bubble detection, temperature and pressure cut-off as well as water stop function
- > With the Multiple Power System MPS®, the maximum power rating is set at the time of installation: 18, 21, 24 or 27 kW
- > Particularly low switch-on water volume from 1.5 l/min thanks to innovative water flow technology
- > Integrated Wi-Fi and Bluetooth® function for connection to smartphone and tablet (the free "Smart Control" app is required)
- > Modbus interface for integration into building control technology
- > Suitable for reheating preheated water (inlet temperature $\leq 70\text{ °C}$)
- > Direct installation option as part of a pre-wall installation (if required in the optionally available CLAGE flush-mounted cabinet with inspection flap), in drywalls or over a suspended ceiling (without separate wall bracket).
- > Installation and electrical connection possible without removing the cover
- > Freely accessible water connection from below with ½ inch external thread and shut-off valve

E-module instant water heater ISX Installation

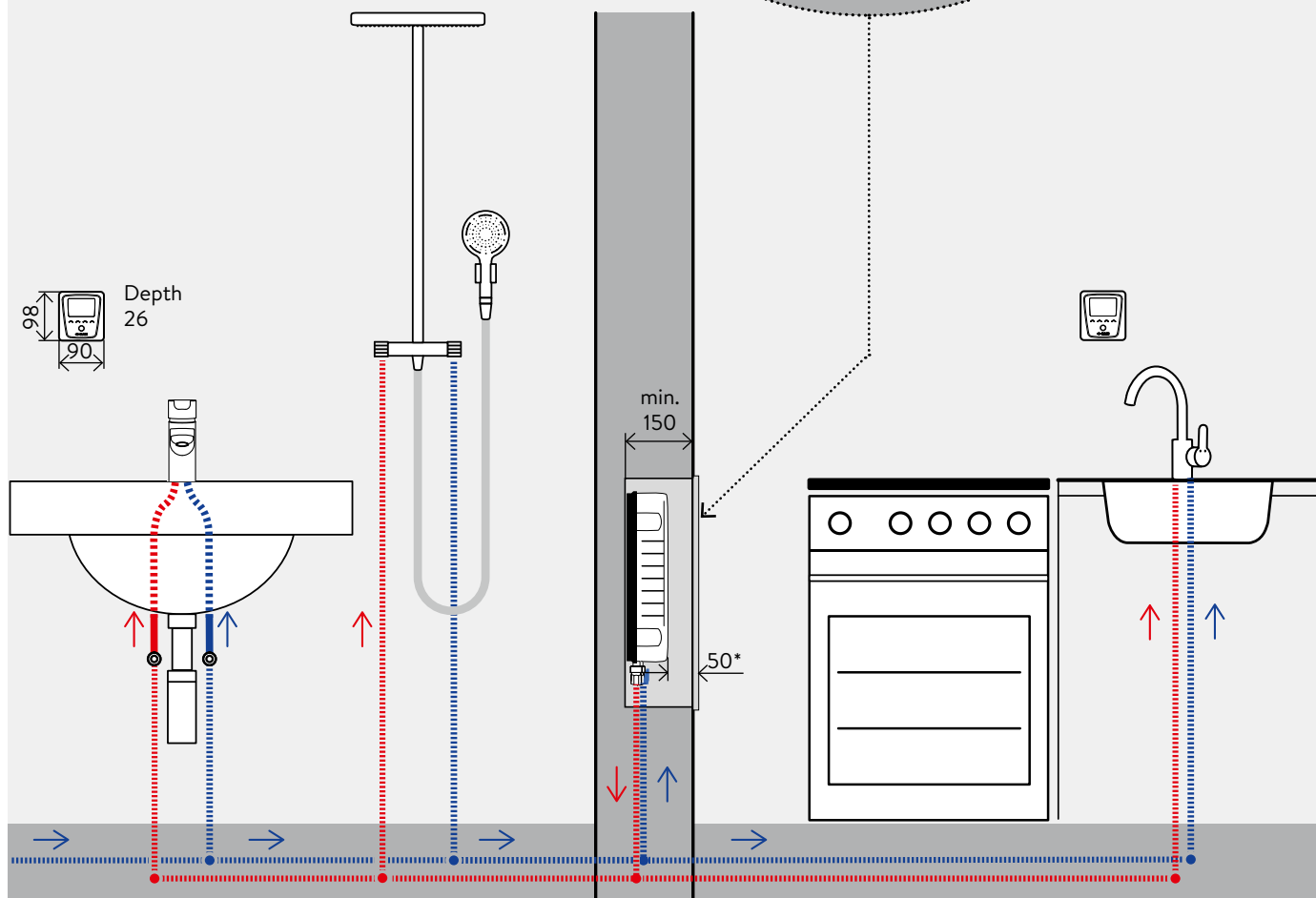
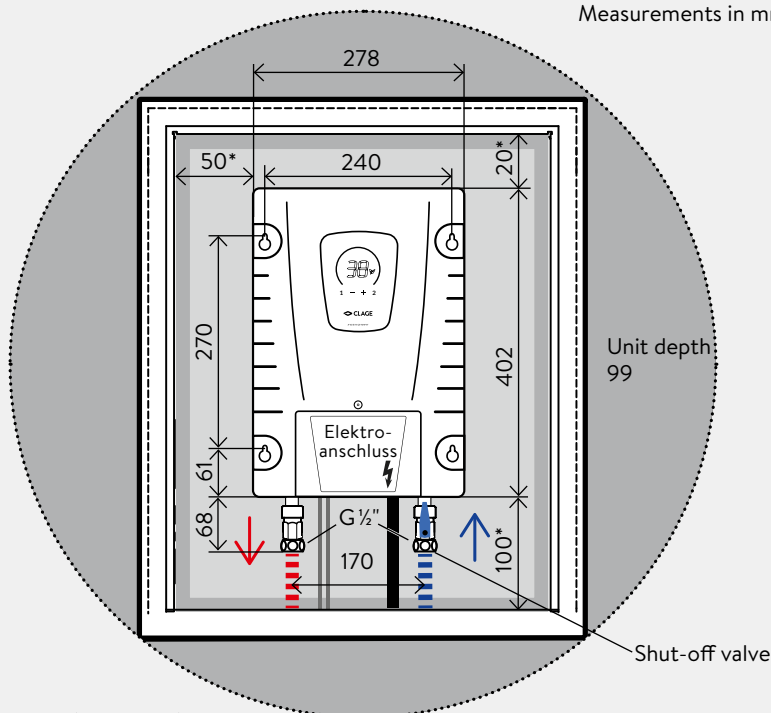


Installation example of a **flush-mounted installation** (depth 20 cm) with **standard inspection flap** 60 × 40 cm.

Assembly and operating instructions must be observed upon installation.

*) For convenient installation, the listed distances must be observed

Measurements in mm





FX Next Funkfernbedienung (optional)

Additional remote control with high-contrast e-paper display, real glass cover and sensor buttons for convenient temperature setting of the instantaneous water heater over a distance of approx. 10 metres in the building. Secure Bluetooth® transfer, magnetic wall holder and batteries (included). IP 24.

Dimensions (H × W × D): 9.8 × 9.0 × 2.6 cm

FX Next: Part no. 3200-34023



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

FX 3: Part no. 3200-34021