

# E-comfort instant water heater ISX12

# TECNA

## Application areas

Single and multiple point supply:

- > Bathroom (shower, bath tub, washbasin)
- > Shower room
- > Kitchen sink
- > Washbasin














# E-comfort instant water heater

## ISX12

### Product information

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	 <b>Energy efficiency class A</b> (Scale: A+ to F)	   	
			<b>ISX12</b> (Multiple Power System: 8.8 or 11.5 kW adjustable)
Part number:			3200-36712
Type:			closed-outlet
Maximum operating pressure [MPa (bar)]:			1(10) <sup>1)</sup>
Water connections (thread connections):			G ½"
User set temperature [°C]:			20 to 60
Hot water output at $\Delta t = 28\text{ K}$ <sup>2) 3)</sup> [l/min]:			4.5   5.9 <sup>4)</sup>
Switch-on flow rate / max. flow rate [l/min]:			1.5 / automatic <sup>5)</sup>
Nominal power rating [kW]:			8.8   11.5
Supply voltage [1~/N/PE 220 – 240 V AC]:			 Direct connection
Selected power (current) @ 220 V [kW / A]:			8.1 / 36.6   10.5 / 47.8
Selected power (current) @ 230 V [kW / A]:			8.8 / 38.3   11.5 / 50.0
Selected power (current) @ 240 V [kW / A]:			9.6 / 39.9   12.5 / 52.2
Required cable diameter [mm <sup>2</sup> ]:			10.0
Bare wire heating system IES®:			✓
Ready for Smart Control:			✓   
Ready for FX3 Bluetooth remote control:			✓  (included)
Solar-compatible, suitable for reheating (inlet temperature ≤ 70 °C):			✓ 
VDE approved / Protection class:			✓ / IP 21
Specific water resistance at 15 °C [ $\Omega\text{cm}$ ] ≥ :			1300
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

#### 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
- > 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: 8.8 or 11.5 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 ≤ 70 °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-comfort instant water heater ISX12 Installation

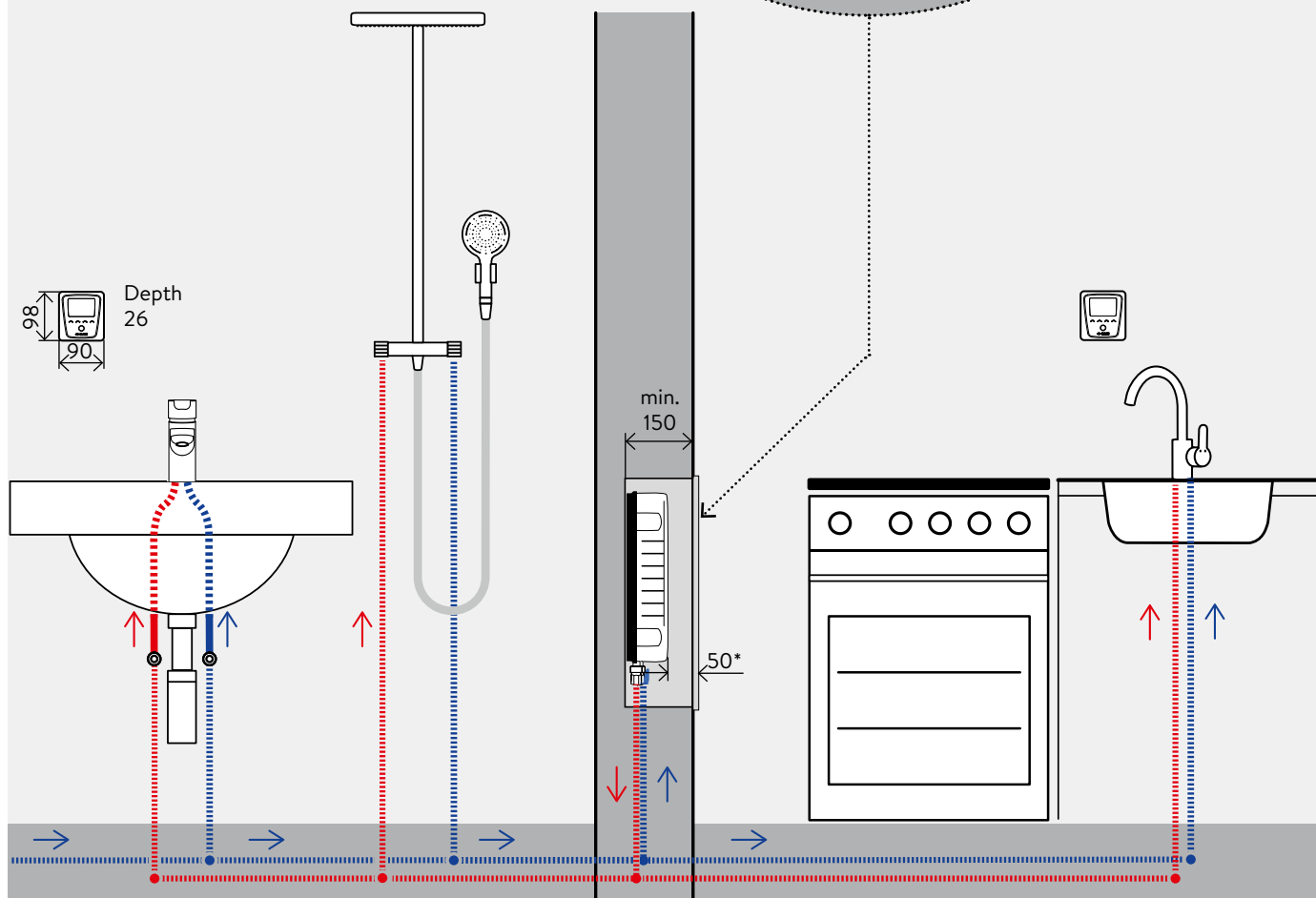
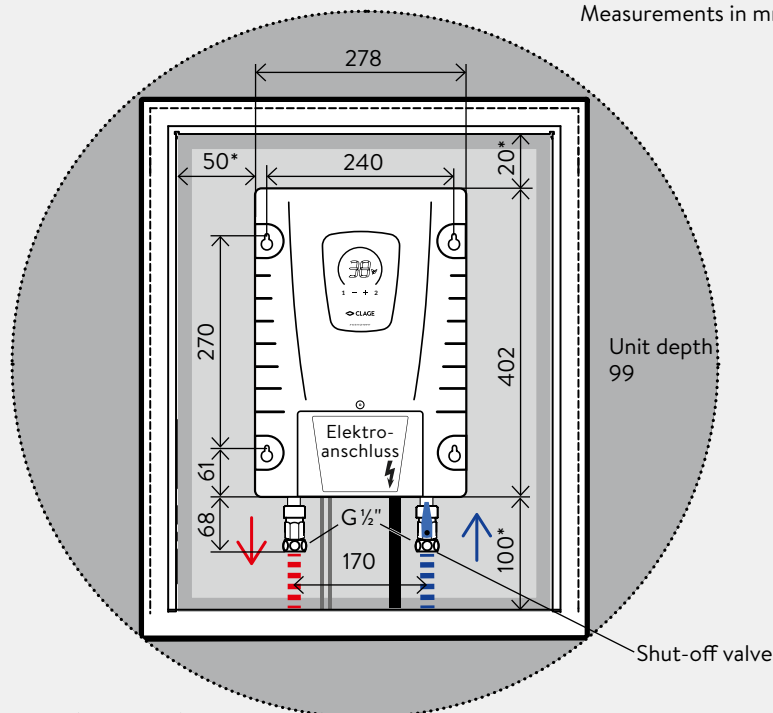
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Installation example of a **flush-mounted installation** (depth 20 cm) with **standard inspection flap** 60 × 40 cm.

Assembly and operating instructions must be observed upon installation.

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

Measurements in mm



# E-comfort instant water heater ISX12 Accessories

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### 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