

# E-comfort instant water heater ISX12



## Application areas

Single and multiple point supply:

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

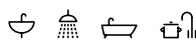


Installation example with ring circuit

# E-comfort instant water heater

## ISX12

### Product information



**Energy efficiency class** **A** (Scale: A+ to F) **ISX12** (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 Δt = 28 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 [Ωcm] ≥ :	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





**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