

Mini Instant Electric Water Heater

This mini electric water heater provides on-demand hot water for point-of-use applications. Its compact design allows for flexible installation in small spaces.



ADDITIONAL IMAGES



Overview

Compact On-Demand Heating

This mini instant electric water heater is engineered for efficient, on-demand hot water delivery in space-constrained environments. Its tightly packed internal structure allows for seamless integration into both over-sink and under-sink pressurized systems. Featuring a highly sensitive mechanical water pressure switch, it ensures a consistent and reliable user experience for handwashing and low-flow applications.

Performance Metrics

Key Performance Metrics

3.5 kW

Power Rating (Model Elex 3.5)

2 L/min

Flow Rate (at $t=25^{\circ}\text{C}$)

0.8 MPa

Max Water Pressure

Technical Specifications

Model Comparison

Specification	Elex 3.5	Elex 4.5	Elex 5.5
Nominal Power	3.5kW	4.5kW	5.5kW
Nominal Current	15-16A	19-20A	23-25A
Cable Size	1.5mm ²	2.5mm ²	4.0mm ²
Flow Rate (t=25°C)	2.0L/min	2.5L/min	3.0L/min
Switch on Flow Rate	1.3L/min	1.8L/min	2.2L/min

General Technical Data

- Voltage: 220-240V, 50/60Hz
- Construction: Bare elements
- Min. Water Resistivity: e 1300µm
- Max. Inlet Temperature: 35°C
- Heat Loss: < 0.1 Watt/h
- Energy Efficiency Class: A

Physical Characteristics

Dimensions & Weight

- Dimensions (HxWxD): 135x186x87mm
- Unit Weight: 1.5kg
- Water Connection Distance: 30mm
- Water Connections: G1/2" or 1/2"NPT

Compliance & Safety

IP Rating

IP24

Certifications

CE, CB, GS, CSA