

Electric Boiler for Central Heating and Hot Water

This electric boiler is designed for central heating systems and domestic hot water supply. It features multiple optional configurations and functions.



ADDITIONAL IMAGES



Overview

High-Efficiency Electric Boiler

This versatile electric boiler is designed for reliable central heating and domestic hot water applications, suitable for both residential and commercial use. It offers advanced electronic controls for precise temperature management of water, indoor air, and DHW tanks. With a high efficiency rating of 99%, this unit provides a compact and safe heating solution for spaces ranging from 30m² to 240m².

Performance

1 Power consumption, kW	3	4.5	6	7.5	9	12	15	18	21	24
1.1 Power rating (W) (continuous)	1	1.5	2	2.5	3	4	5	6	7	8
1.2 Power rating (W) (max. continuous)	2	3	4	5	6	8	9	10	12	15
2 Efficiency, %	99%									
3 Heating area, m² (100% efficiency)	20	20	30	30	30	30	30	30	30	30
4 Water capacity (L) (20°C to 40°C)	100A	200A	300A	300A	300A	300A	300A	300A	300A	300A
5 Model and the boiler, kg	Optional									
6 Cable class and/or CU support, mm²	2.5mm ²	Optional	3mm ²	Optional	4mm ²	Optional	6mm ²	Optional	10mm ²	Optional
7 Heating capacity	30	45	60	75	90	120	150	180	210	240
8 Hot water tank water temperature, °C	65 °C									
9 Hot water tank maximum temperature, °C	85 °C									
10 Hot water tank minimum temperature, °C	55 °C									
11 Working pressure of water in the heating system, MPa	0.05-0.2MPa									
12 Water temperature control	Electronic, 5°C-55°C									
13 Water at temperature control	Electronic, 10°C-45°C									
14 Control system	Electronic, 5°C-55°C									
15 Water pressure control	Optional									
16 Hot water	Optional									
17 Control valve (heating zone)	Optional									
18 Expansion tank & Safety valve	Optional									
19 Hot water temperature, volume flow and expansion tank										
width	100					200				
depth	115					130				
height	992					850				
20 Hot water temperature, water pump and expansion tank										
width	314									
depth	250									
height	212									
21 The size of the connecting pipes										
Heating and water supply system	G3/4									
Storage systems for heated hot water	G3/4									

Technical breakdown of power consumption, dimensions, and operational limits.

Efficiency	99 %
Heating Area Coverage	30 - 240 m ²
Maximum Water Temperature	80 °C

Electrical

Power Consumption Options

- 3
- 4.5
- 6
- 7.5
- 9
- 12
- 15
- 18
- 21
- 24

Rated Voltage	220V ± 10%, 380V ± 10%
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Frequency	50/60Hz
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Safety & Control

Safety Features

Over-heating protection (85°C) • Dry heating protection (105°C) • Optional Safety Valve

Temperature Control Ranges

80 °C

Water Temp

40 °C

Indoor Air

60 °C

DHW Tank

Physical Dimensions

Unit Dimensions

Configuration	W (mm)	D (mm)	H (mm)
Without pump/expansion tank	190	118	662
With pump/expansion tank	314	230	712

Connection Pipe Size	G-3/4
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