Centrometal HEATING TECHNIQUE

ELECTRIC BOILER

electric energy

El-Cm Classic
6-27 kW

El-Cm ePlus
6-24 kW

The **El-Cm classic,** range of electric boilers (with nominal heat output of **6, 9, 12 , 18, 24 and 27 kW**) and the **El-Cm ePlus** (with nominal heat output of **6, 9, 12 , 18 and 24 kW**) are designed for installation in smaller premises as a primary as well as secondary heat source.

Today they are frequently used for heating up domestic hot water in accumulator tanks connected to the heat exchanger of the boiler. Boilers are equipped with a circulation pump, expansion vessel, the most modern modulating digital controller and appropriate safety elements.

Of modern design, they can be installed anywhere in a house because of their absolutely noiseless operation and because they do not need to be connected to a chimney. The wide application of modern technologies and the quality of the material used as well as thoroughly tested operation, which include a modulating activating of the electric heaters, to prevent electric surges on the power supply, make these boilers safeand reliable.

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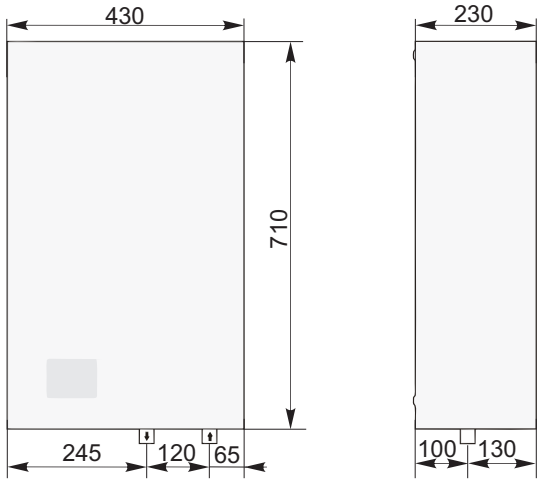
CHARACTERISTICS OF El-Cm Classic and El-Cm ePlus:

- Electric boilers engineered for electrical heating with nominal heat outputs of 6, 9, 12, 18, 24 and 27 kW.
- Standard equipment built in electric boilers includes: body of the boiler with electric heaters, circulation pump, expansion vessel, safety elements (safety valve, safety thermostat and a pressure switch), filling/draining cock and modular digital control.
- The modular digital control assures optimal operation of the electric heater in a way that optimizes electric energy consumption with the rated thermal output of the electric boiler.
- Absolutely noiseless operation, modern design and small dimensions make them acceptable for installation anywhere in a house or apartment, since they do not need to be connected to a chimney and need no additional fresh air supply.
- Low weight and easy assembly.
- Connection of the boiler 6 and 9 kW to a single phase power supply is possible.
- El-Cm Classic and El-Cm ePlus operates like a mini boiler room because all its essential parts are integrated into the single boiler body.

BASIC DIMENSIONS:



Digital controller - El-Cm Classic

Modern digital modulating controller optimally controls the electrical heating operation to optimize power consumption against the output of the electrical boiler.

Digital controller - El-Cm ePlus

El-Cm Classic		6	9	12	18	24	27
Nominal heat output	(kW)	6	9	12	18	24	27
Boiler water content	(lit.)	12,5	12,5	12,5	12,5	12,5	12,5
Boiler mass (without water)	(kg)	23	24	24	25	25	25
Max. operat temperature	(°C)	80					
Max. operat. pressure	(bar)	2,5					
Inlet/outlet		DN20 (3/4")					
Electr. heater	(kW)	3x2	3+6	2x6	3x6	4x6	4x6,75
Cable section	(mm2)	5x2,5	5x2,5	5x4	5x6	5x6	5x6
Expansion vessel	(lit.)	10					
Electric power tension	(V/Hz)	400/50					
Boiler width	(mm)	430					
Boiler height	(mm)	710					
Boiler depth	(mm)	230					
Energy efficiency class		D					

El-Cm ePlus		6	9	12	18	24
Nominal heat output	(kW)	6	9	12	18	24
Boiler water content	(lit.)	12,5	12,5	12,5	12,5	12,5
Boiler mass (without water)	(kg)	25	25	25	25	25
Max. operat temperature	(°C)	80				
Max. operat. pressure	(bar)	2,6				
Inlet/outlet	(R)	G3/4"				
Electr. heater	(kW)	3x2	6x1,5	6x2	9x2	9x2,7
Cable section	(mm2)	5x2,5	5x2,5	5x4	5x4	5x6
Expansion vessel	(lit.)	7				
Electric power tension	(V/Hz)	400/50				
Boiler width	(mm)	430				
Boiler height	(mm)	710				
Boiler depth	(mm)	230				
Energy efficiency class		D				

Company assumes no responsibility for possible inaccuracies in this book originated typographical errors or rewriting, all the pictures and diagrams are principal and it is necessary to adjust each actual situation on the field, in any case the company reserves the right to enter their own products such modifications as considered necessary.

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