

# ELECTRIC BOILERS

## ELECTRIC CURRENT

# EI-Cm Compact

6-27 kW

# EI-Cm

30-51 kW

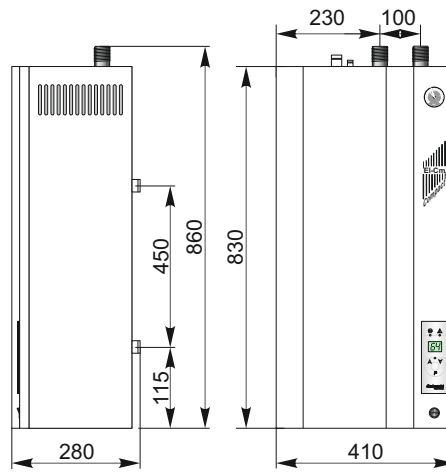
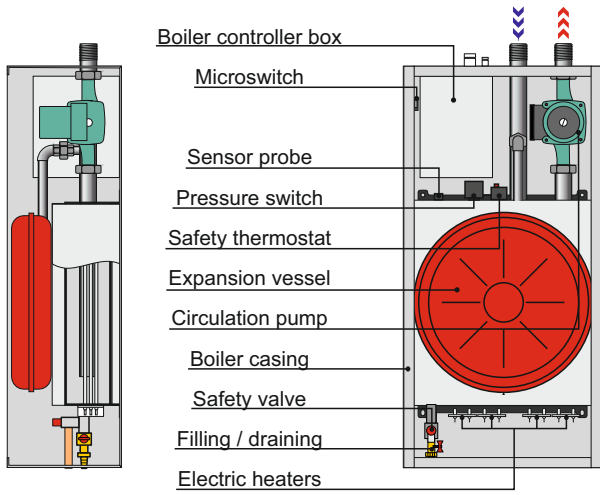
The *EI-Cm Compact* and *EI-Cm* hot water electric boilers are offered in a wide power range with nominal heat outputs of 6, 9, 12, 15, 18, 21, 24 and 27 kW (*EI-Cm Compact*) and 30, 33, 36, 39, 42, 45, 48 and 51 kW (*EI-Cm*). They are engineered for the central heating of family houses and apartments, both as primary as well as secondary heat sources. They are also frequently used for the heating of domestic hot water, combining them with solar water heaters and accumulator tanks, by connecting them to the heat exchanger of solar system. The *EI-Cm Compact* is factory equipped as a unit complete with circulation pump, expansion vessel, safety valve, safety thermostat, pressure switch, filling and draining cock and digital boiler controller. The *EI-Cm* is supplied without a circulation pump, expansion vessel or safety valve. Of modern design, it can be sited anywhere in a house because of its silent operation, because there is no need for ventilation and because a chimney is not required. Manufactured in compliance with ISO 9001/2000 standards.



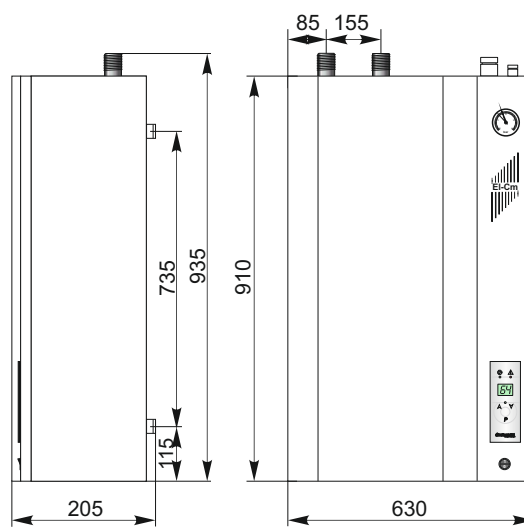
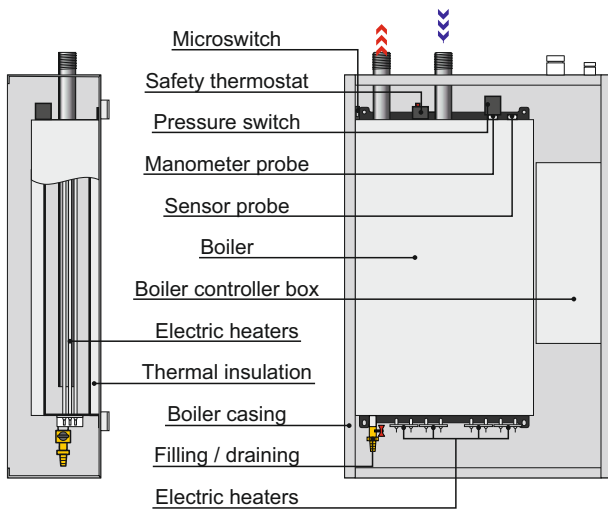
#### CHARACTERISTICS OF ELECTRIC BOILERS EI-Cm Compact AND EI-Cm:

- A digital controller with microprocessor governs the boiler's safe and silent operation as well as the smooth activation of the heating elements, from 0 % to 100 % power, so as to protect the circuitry from surges during start up and to protect the elements.
- The boiler's completely silent operation, modern design and small dimensions make it suitable for installation into any place in a house or apartment, since there is no need for ventilation or to be connected to the chimney.
- The EI-Cm Compact 6 kW boiler may optionally be connected a single phase electrical power circuit.
- Ecologically highly acceptable.
- These boilers are manufactured in compliance with ISO 9001/2000 standards.

PARTS AND DIMENSIONS OF BOILERS EI-Cm



PARTS AND DIMENSIONS OF BOILERS EI-Cm



EI-Cm Compact		6	9	12	15	18	21	24	27
Nominal thermal output	(kW)	6	9	12	15	18	21	24	27
Boiler water content	(l)	12	12	12	12	12	12	12	12
Boiler mass	(kg)	39	40	40	41	41	42	42	42
Max. operating temperature	(°C)	90	90	90	90	90	90	90	90
Max. operating pressure	(bar)	3	3	3	3	3	3	3	3
Electric heater	(kW)	6	3+6	2x6	2x6+3	3x6	3x6+3	4x6	4x6,75
Cable section	(mm <sup>2</sup> )	5x2,5	5x2,5	5x4	5x4	5x6	5x6	5x6	5x6
Inlet / Outlet	(R)	1"	1"	1"	1"	1"	1"	1"	1"
Expansion vessel	(lit.)	10	10	10	10	10	10	10	10
Power supply	(V/Hz)	400 / 50							

EI-Cm		30	33	36	39	42	45	48	51
Nominal thermal output	(kW)	30	33	36	39	42	45	48	51
Boiler water content	(l)	22	22	22	22	22	22	22	22
Boiler mass	(kg)	44	44	44	45	45	45	45	45
Max. operating temperature	(°C)	90	90	90	90	90	90	90	90
Max. operating pressure	(bar)	3	3	3	3	3	3	3	3
Electric heater	(kW)	3x9+3	3x9+6	4x9	3x12+3	3x12+6	3x12+9	4x12	4x12,75
Cable section	(mm <sup>2</sup> )	5x10	5x10	5x16	5x16	5x25	5x25	5x25	5x25
Inlet / Outlet	(R)	6/4"	6/4"	6/4"	6/4"	6/4"	6/4"	6/4"	6/4"
Power supply	(V/Hz)	400 / 50							