

## Electric boilers

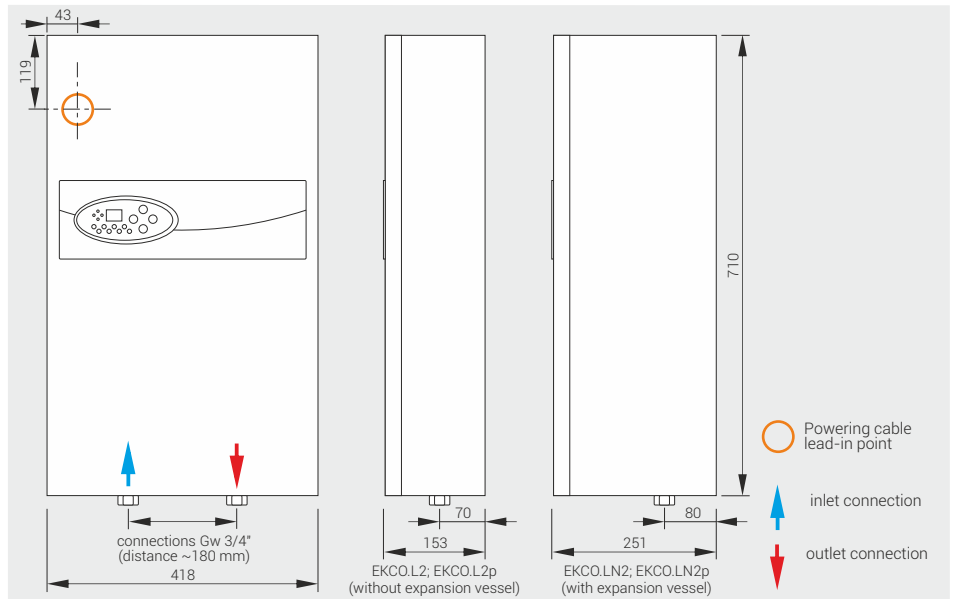
EKCO.L2  
EKCO.LN2  
EKCO.L2p  
EKCO.LN2p



## Most important advantages

- **EKCO.LN2 model** - boiler intended for central heating system and hot water cylinders, equipped with an expansion vessel (6 liters) and differential pressure relief valve (bypass).
- **EKCO.L2 model** - similar to LN2 version, without an expansion vessel and bypass valve.
- **EKCO.LN2p model** - boiler intended for underfloor heating system (reduced heating temperature value, adjusted safety temperature limiter), equipped with an expansion vessel (6 liters) and differential pressure relief valve (bypass).
- **EKCO.L2p model** - boiler intended for underfloor heating system (reduced heating temperature value, adjusted safety temperature limiter). It is equipped with a differential pressure relief valve (bypass).
- Electronic control system and reliable semiconductor elements.
- Automatic power modulation.
- Heating water temperature range:
  - From 20°C to 85°C - EKCO.L2, EKCO.LN2
  - From 20°C to 60°C - EKCO.L2p, EKCO.LN2p
- Rated power available - from 4kW to 24kW.

## Dimensions



## Additional equipment



### Three way valve with servo-motor

Co-operation with a hot water cylinder requires three-way valve (ZAWÓR.KOT.VC6013).

The water temperature in cylinder can be set on the front panel if the WE-019/01 temperature sensor is applied.

### Temperature regulator

EKCO.L2/LN2 boilers should be additionally equipped with room thermostat regulators, which ensures cost-efficient and user friendly operation.

Rated power	kW	4	6	8	12	15	18	21	24
Rated voltage		230V~ or 400V 3N~			400V 3N~				
Rated electrical energy demand	A	17,4/*5,7	26/*8,7	34,8/*11,7	17,3	21,7	26	30,3	34,6
Minimal wires cross-section	mm <sup>2</sup>	3x2,5/ *5x1,5	3x4/ *5x1,5	3x6/ *5x1,5	5x2,5		5x4		5x6
Energy efficiency class		<b>D</b>							

\* Values for the following parameters: 400V 3N - while calculating demand for thermal energy, a number of factors need to be taken into consideration:

- cubature of building
- heat transfer coefficient (through the walls, windows and ceilings)
- efficiency of room ventilation
- ability of a building to accumulate heat

**EKCO.LN2** - boilers with expansion vessel and bypass valve

Type	Rated power / Rated voltage
EKCO.LN2-04	4kW /400V 3N~ or 230V~
EKCO.LN2-06	6kW /400V 3N~ or 230V~
EKCO.LN2-08	8kW /400V 3N~ or 230V~
EKCO.LN2-12	12kW /400V 3N~
EKCO.LN2-15	15kW /400V 3N~
EKCO.LN2-18	18kW /400V 3N~
EKCO.LN2-21	21kW /400V 3N~
EKCO.LN2-24	24kW /400V 3N~

Attention! EKCO.LN2 boilers must be additionally equipped with temperature regulator, and in case of co-operation with water cylinder in 3-way valve and temperature sensor WE-019/01

**EKCO.L2** - boilers without expansion vessel and bypass valve

Type	Rated power / Rated voltage
EKCO.L2-04	4kW /400V 3N~ or 230V~
EKCO.L2-06	6kW /400V 3N~ or 230V~
EKCO.L2-08	8kW /400V 3N~ or 230V~
EKCO.L2-12	12kW /400V 3N~
EKCO.L2-15	15kW /400V 3N~
EKCO.L2-18	18kW /400V 3N~
EKCO.L2-21	21kW /400V 3N~
EKCO.L2-24	24kW /400V 3N~

Attention! EKCO.L2 boilers must be additionally equipped with temperature regulator, and in case of co-operation with water cylinder in 3-way valve and temperature sensor WE-019/01

**EKCO.LN2p** - boilers dedicated for underfloor heating installations, with expansion vessel and bypass valve

Type	Rated power / Rated voltage
EKCO.LN2-04P	4kW /400V 3N~ or 230V~
EKCO.LN2-06P	6kW /400V 3N~ or 230V~
EKCO.LN2-08P	8kW /400V 3N~ or 230V~
EKCO.LN2-12P	12kW /400V 3N~
EKCO.LN2-15P	15kW /400V 3N~
EKCO.LN2-18P	18kW /400V 3N~
EKCO.LN2-21P	21kW /400V 3N~
EKCO.LN2-24P	24kW /400V 3N~

Attention! EKCO.LN2p boilers must be additionally equipped with temperature regulator

**EKCO.L2p** - boilers dedicated for underfloor heating installations, without expansion vessel and bypass valve

Type	Rated power / Rated voltage
EKCO.L2-04P	4kW /400V 3N~ or 230V~
EKCO.L2-06P	6kW /400V 3N~ or 230V~
EKCO.L2-08P	8kW /400V 3N~ or 230V~
EKCO.L2-12P	12kW /400V 3N~
EKCO.L2-15P	15kW /400V 3N~
EKCO.L2-18P	18kW /400V 3N~
EKCO.L2-21P	21kW /400V 3N~
EKCO.L2-24P	24kW /400V 3N~

Attention! EKCO.L2p boilers must be additionally equipped with temperature regulator