



ATOMIOK

NOWY WYMIAR OGRZEWANIA



Electrode boiler ATOMIOK

ATOMIOK

The most technologically advanced electrode boiler on the market. Its components are made by renowned Polish and global manufacturers. However, the most crucial ones are our original solutions which ensure its safe, quiet, and highly reliable operation.

Operation principle

The boiler operation is based on the principle of liquid electrical conductivity. The liquid is heated by electric current provided with electrodes. The elimination of electric heaters makes the whole system much more effective and extends its life.




Application


ATOMIOK is a heating device intended for central heating of houses, flats, and utility rooms. It may also be used to heat DHW cylinders, swimming pools, jacuzzi, or non-aggressive fluids in industry. What is more, it is a perfect alternative heat source for gas systems, heat pumps, and solid fuel boilers.





Main features




 **Safety** ensured by the multi-level temperature control and the electric shock, overcurrent, short-circuit, and pressure protection systems.

 **Smart control system** ensured by the advanced controller designed to independently control multiple heating zones and DHW systems, which can work with both wired and wireless room thermostats and the optional WiFi/Ethernet module. What is more, the dedicated application makes it easy to remotely control the boiler from anywhere in the world.

 **Clean environment** ensured by achieving zero carbon dioxide emission to the atmosphere. Another benefit is that Atomiok makes houses clean and quiet.

 **Autonomy and cooperation** ensured by the fact that the boiler can perfectly work on its own or together with already existing systems such as gas boilers, heat pumps, and solid fuel boilers.

 **Smart energy management** ensured by the boiler controller operation settings which make it possible to use off-peak electricity and achieve significant savings.

 **Going hand in hand with solar power** which helps to reduce heating costs.

 **Compliance with the EU standards** and safe use confirmed by widely recognised certificates.

Technical data

	Rated power		
	11 kW	14 kW	17 kW
Power cable cross section	2.5 mm ²	4 mm ²	6 mm ²
Rated current	16 A	20 A	25 A
Circuit breaker	20 A(B)	25 A(B)	32 A(B)
Supply voltage	3 x 400 VAC, 50 Hz		
Hydraulic connectors	2 x G1"		
Internal fluid type	AT-FLUID-GEN2		
Internal fluid volume	4 l		
Max working pressure	0.3 MPa (3 bar)		
Max working temperature	70 °C		
Expansion vessel pressure	0.15 MPa (1,5 bar)		
Ambient temp	5..35 °C		
Ambient humidity	30..70 %		
Weight	59 kg		
Dimensions	600 x 800 x 330 mm		



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