

## TERMAQ ELECTRONIC G-19-02



Instantaneous gas water heaters of TermaQ line have modern construction and compact size. The devices are characterized by modern and esthetic design and an easy to use control panel. These advantages provide convenient and easy operation and allow for a full device control. Burner power modulation and water rate modulation are operated by knobs. Innovative technical solutions guarantee a long-term and a trouble-free operation. Heat exchanger is made of copper. Modern water-gas valve provides an electronic power modulation and allows for obtaining a constant outlet water temperature. Another heater's advantage from this line is stable operation even by small flow and small operating pressure in water supply network. The devices have a complete protection system, among others: lack of chimney draught protection and fumes leak protection, as well as heat exchanger overheating protection – consisting in blocking a gas supply to the main burner when the water temperature in exchanger will exceed a dangerous level. The devices are not equipped with flame on burner what let achieve gas savings – compared to heaters with a flame on the burner – to about 70 m<sup>3</sup> per year.

- electronic ignition from batteries
- heat exchanger made of copper in accordance with new technology providing high efficiency
- automatically regulated power in proportion to the water flow lets user receive constant water temperature
- integrated water-gas valve of the latest generation
- smooth and very quiet operation
- protection against gas outflow
- sensor of chimney draft
- adjustment possible to different types of gas

## parameters

## Value

Ignition	electronic from batteries
Nominal thermal power	19,2 kW
Minimal thermal power	7,7 kW
Nominal heat load	21,8 kW
Minimal heat load	8,8 kW
Thermal efficiency	88 %
Water operating pressure	0,2÷10 bar
Hot water outlet ( $\Delta t \leq 50^{\circ}\text{C}$ )	3,2÷5,7 dm <sup>3</sup> /min
Hot water outlet ( $\Delta t \leq 25^{\circ}\text{C}$ )	5,7÷11,5 dm <sup>3</sup> /min
Maximaum temperature of outlet water	65 °C
Daily fuel consumption $Q_{\text{fuel}}$	8,478 kW
Energy efficiency of water heating $\eta_{\text{wh}}$	69 %
Energy efficiency class of water heating	A
Load profile	M
Sound power level LWA	55 dB
Dimensions	585x360x220 mm
Flue connection (internal diameter)	132 mm
Heater weight	10,5 kg
Gas connection	G 3/4 inch
Cold water connection	G 1/2 inch
Hot water connection	G 1/2 inch