

AQUAHEAT ELECTRONIC G-19-00



Instantaneous gas water heaters AQUAHEAT ELECTRONIC 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. 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 ignition manual power regulation. Another heater □ 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 m³ per year.

- electronic ignition from batteries with ionization flame control
- economical operation by eliminating a flame on the burner
- very easy and intuitive operation
- manual power regulation
- heat exchanger made of copper in accordance with new technology providing high efficiency
- full system of safety measures:
 - protection against gas outflow
 - sensor of chimney draft
 - limiter of water temperature
- smooth and very quiet operation

parameters

parameters	Value
Ignition	electronic from batteries
Nominal thermal power	17,4 kW
Minimal thermal power	5,5 kW
Nominal heat load	19,8 kW
Minimal heat load	6,3 kW
Thermal efficiency	87 %
Water operating pressure	0,2÷10 bar
Maximaum temperature of outlet water	95 °C
Daily fuel consumption Q_{fuel}	9,810 kW
Energy efficiency of water heating η_{wh}	66 %
Energy efficiency class of water heating	A
Load profile	M
Sound power level LWA	57,5 dB
Dimensions	605 x 360 x 220 mm
Flue connection (internal diameter)	114 mm
Heater weight	11 kg
Gas connection	G 1/2 inch
Cold water connection	G 1/2 inch
Hot water connection	G 1/2 inch