



INSTANTANEOUS GAS WATER HEATERS

WITH OPEN COMBUSTION CHAMBER

TERMAQ ELECTRONIC ECO
GE-19-02

TERMAQ AQUA-POWER ECO
GH-19-02



TERMAQ ELECTRONIC ECO and TERMAQ AQUA-POWER ECO gas flow water heaters are modern devices used to heat domestic hot water in new and modernized houses and flats.

These devices use the most modern constructional solutions, including an ecological burner allowing to meet the requirements of the ErP directive on exhaust gas emissions, an innovative heat exchanger ensuring very high efficiency and the highest quality water-gas valve, and the taste is given by modern design of the device.

TECHNICAL AND OPERATIONAL ADVANTAGES

1 Highest quality of user comfort

- electronic ignition from battery (TERMAQ ELECTRONIC ECO) or from water turbine generator (TERMAQ AQUA-POWER ECO)
- start-up of the water heater in a very short time (3-5 seconds)
- balanced and very quiet operation of the unit
- precise maintenance of a constant water temperature
- ignition at a very low water pressure (20 kPa) and at a very small water flow (3,2 l/min)
- integrated water-gas valve ensures that the water temperature is precisely maintained in a full range

2 In accordance with ErP

- water heating energy efficiency class: A
- nitrogen oxides emission: $NO_x \leq 56$

3 Modern technologies


- low-emission, water-cooled, innovative burner
- integrated water-gas valve with proportional modulation and constant water temperature parameters - the best on the market
- heat exchanger made entirely of copper in a new technology ensuring the highest efficiency on the market and long life

4 Complete protection system

- protection against the outflow of exhaust gases into the room (in the case of chimney draught failure)
- protection against unburnt gas flow (against a flame lack on the burner)
- protection against overheating of the heat exchanger
- water temperature limiter

5 Modern design

- compact dimensions
- design in line with the latest market trends

PARAMETERS		TERMAQ ELECTRONIC ECO	TERMAQ AQUA-POWER ECO
		GE-19-02	GH-19-02
Type of ignition		electronic ignition from batteries	electronic ignition from water turbine generator
Declared load profile		M	M
Water heating energy efficiency class		A	A
Water heating energy efficiency	η_{WH} %	79	79
Annual fuel consumption	AFC GJ	6	6
Sound power level	L _{WA} dB	53	53
Output range	kW	8,8-19,2	8,8-19,2
Water flow range	l/min	3,2-11,5	3,2-11,5
Efficiency at nominal output	%	88	88
Water operating pressure	bar	0,2-10,0	0,2-10,0
Hot water flow ($\Delta t \leq 50^\circ$)	l/min	3,2-5,7	3,2-5,7
Hot water flow ($\Delta t \leq 25^\circ$)	l/min	5,7-11,5	5,7-11,5
Maximum domestic hot water temperature (outlet)	°C	65	65
Chimney connection	mm	Ø117	Ø117
Gas connection	inch	G $\frac{3}{4}$	G $\frac{3}{4}$
Cold water connection	inch	G $\frac{1}{2}$	G $\frac{1}{2}$
Hot water connection	inch	G $\frac{1}{2}$	G $\frac{1}{2}$
Dimensions (height x width x depth)	mm	590 x 360 x 230	590 x 360 x 230
Net weight	kg	12	12

