

## General description of HoGas 25 i 50 boilers.

- The heat exchanger is made from high quality steel what guarantees long life of the whole boiler .
- The wood in **HoGas** boilers is burned in destructive distillation process what results in high efficiency, low costs of operation and low level of toxic components in flue gases. The combustion proceeds in three steps:  
Step 1 - drying and distilling of the wood.  
Step 2 - Combustion of the wood distillation gas on special ceramic nozzle which is heat resistant up to 1600°C.  
Step 3 - Afterburning of the gas in non-cooled ceramic chamber.
- Ash should be removed after 5 days of boiler's operation.
- The adjustment of the heating water temperature is realised on electronic regulator GECCO.
- The safety thermostat is set by producer at 95°C.
- The primary and secondary air is blown to combustion chamber by a METRIX-ebm fan.
- The **HoGas** boiler is equipped with modern electronic regulator which allows controlling of hot sanitary water preparation in indirect tank.
- Room temperature thermostat can be ordered as an accessory.

## TECHNICAL DATA OF HoGas 25 i 50 BOILERS.

Parameter	SI	HoGas 25	HoGas 50
Nominal output	kW	25	50
Output adjustment's range	kW	10–25	20–50
Efficiency	%	80–83	82–84
Weight	kg	240	350
Water capacity	dm <sup>3</sup>	65	110
Maximal working water pressure	kPa	200	200
Required chimney draught	mbar	15–25	15–25
Water connector pipes – heating water	“	6/4	6/4
– return water	“	1,5	1,5
Smoke conduit's diameter	mm	150	150
Dimensions: – width	mm	750	750
– height	mm	1130	1280
– length	mm	800	800
Combustion chamber's capacity	dm <sup>3</sup>	130	160
Loading door dimensions	mm	450 x 270	450 x 270
Maximal noise level	dB	55	55
Fan power	W	80	80
Power supply	V/Hz		~230 , 50
Electrical insulation class		IP 20	IP20
Maximal time of operation between refuelling ( heat. water temp. 65-70°C)	hours	7	7

- The producer grants guarantee for all boiler's construction elements and heat exchanger's tightness. Guarantee period last 24 months from the date of first boiler's start-up but no longer than 30 months from the date of boiler's sale.



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