



WALTIS

VIVA GT

WOOD LOG BOILER

25 / 35 kW



WOODEN LOG BOILER VIVA GT

VIVA GT boiler offers a highly efficient and modern way of heating with wooden logs. It represents a system in which wooden logs are loaded once per day. Due to its high efficiency, we consume significantly less fuel and extremely small quantity of ash is generated during combustion. Because of that we spend in average only around 10 minutes per week for cleaning of the boiler.



HOW DOES THE HEATING SYSTEM WORKS WITH VIVA GT

Gasification and the burning of wood gas is carried out in the Viva GT boiler. Technologically advanced principle of combustion of wooden logs produces 25/35 kW of the heat energy, which is stored in the form of heated hot water in the storage room (1500 - 2000 l).

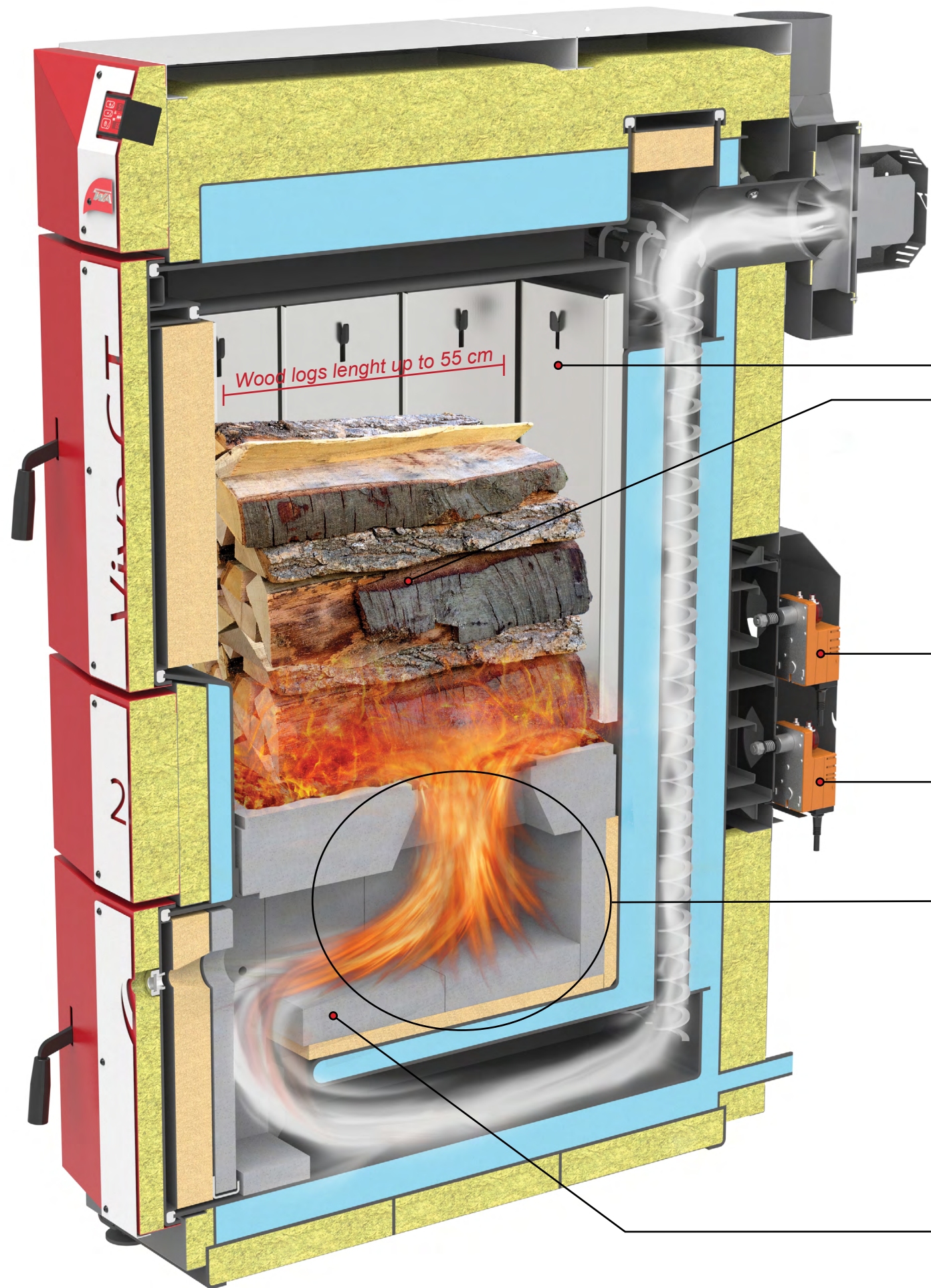
The amount of heat stored in the storage room allows heating of the residential building up to 24 hours. The main advantage of the system in comparison with conventional wooden log heating is especially longer loading intervals of the wooden logs, less frequent boiler cleaning and consequently lower fuel consumption.



Our environmental care

In 2017 our VIVA GT boiler obtained an accredited certificate from the KIWA Cerment Italia Laboratory. The measurements were carried out under strictly controlled conditions. Despite that VIVA GT boiler achieved excellent results. In addition to high efficiency (90.8%), the values of the harmful gases emissions and dust particles were measured extremely low.

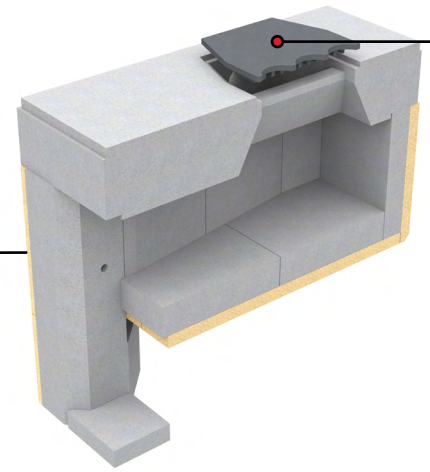




The panels on the walls of the firebox are made of stainless steel, resistant to high temperatures which gives the boiler greater durability, longer working expectancy and simplifies cleaning.

Enlarged firebox allows loading of the wooden logs only once per day. We can load wooden logs lengths up to 55 cm.

Waltis lambda sonda sistem
Automatically adjusting the combustion parameters according to the quality of wooden logs using a specially developed "Waltis lambda" combustion system.



The metal insert on the nozzle's chamotte acts as a shield that prevents mechanical damage to the chamotte while loading the wooden logs into the firebox.

Burning of lesser quality wood
The boiler's control is equipped with a sensor for oxygen concentration in flue gases (lambda sensor) and resistant chamotte "VIVA RX1000" which enables burning of even lesser quality wood.

Refractory fireclay concrete "VIVA RX1000"
Developed specifically for the burning of wooden biomass. The special recipe allows resistance to aggressive substances and high temperatures that occur while combusting wooden biomass.

Handle for the heat exchanger cleaning is installed in an accessible place. By pulling the handle we clean the heat exchanger which is the main condition for a good efficiency of the boiler.

Boiler control "Lucky"

The main task of the boiler control is full control and management of all the processes during the boiler functioning.

The suction slot

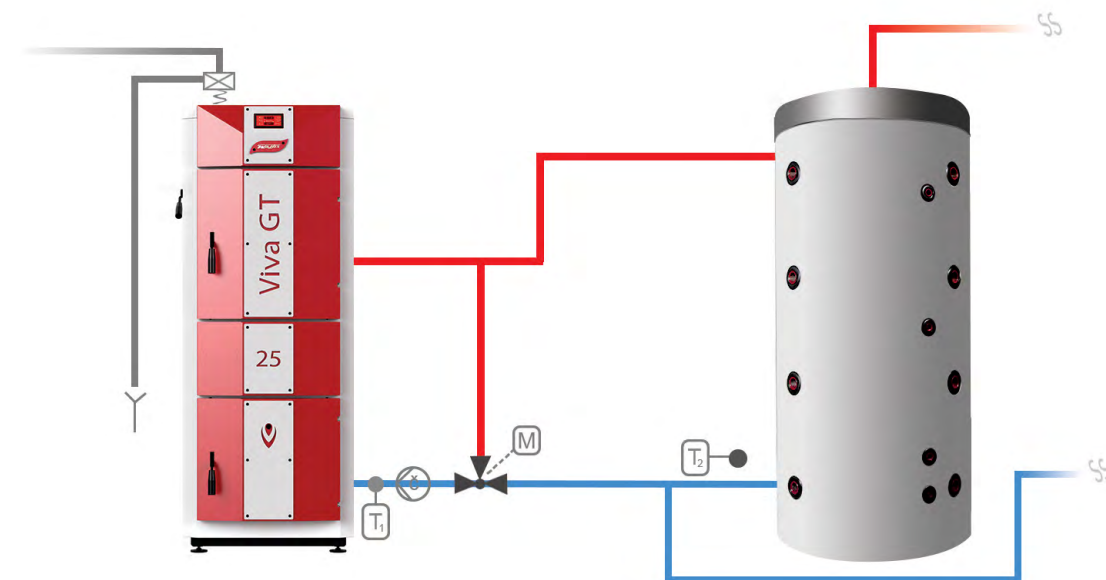
above the loading area prevents flue gas leak from the firebox into the boiler room during wooden log loading.

Large loading opening measuring 43x35 cm

Compact double insulated doors prevent heat losses. Due to the well-insulated door of the firebox, no external cover of the boiler is needed.



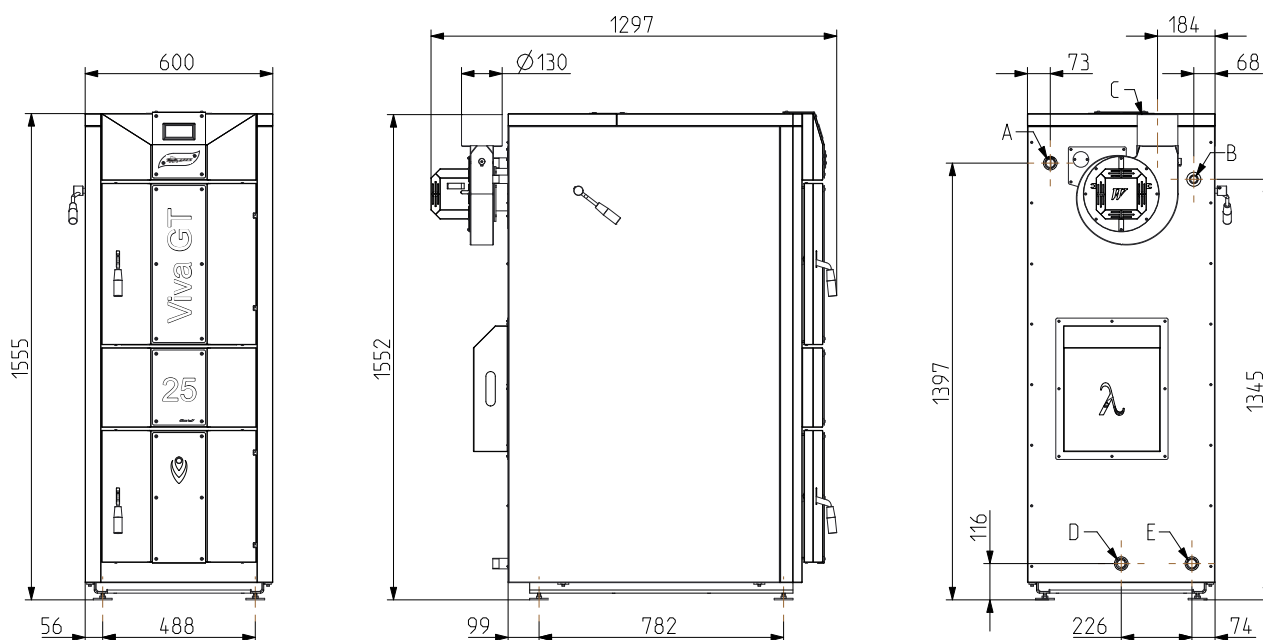
VIVA GT Hydraulic Scheme



Characteristics of the boiler

Characteristics	TAG	VIVA GT 25	VIVA GT 35
Power	[kW]	24.81	34.19
Efficiency	[%]	90.50	90.80
Boiler class (EN 303-5:2012)	[/]	5	5
Fuel type (EN 303-5:2012)	[/]	Wood	Wood
Fuel consumption	[kg/h]	6.21	8.54
Pellet hopper volume	[l]	125	135
Boiler weight	[kg]	648	648
Water volume in boiler	[l]	184	184
Electricity consumption	[W]	68	68
Electric connection	[/]	230V/50Hz	230V/50Hz
Hot water	[Col]	1"	1"
Cold water	[Col]	1"	1"
Maximum temperature	[°C]	85	85
Minimum temperature - return flow	[°C]	55	55
DIMENSIONS			
Width	[mm]	600	600
Depth	[mm]	1297	1297
Height	[mm]	1555	1555
Chimney connection height	[mm]	1552	1552
Chimney connection diameter	[Φ]	130	130

Boiler dimensions



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Notes:



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