

# **Kalorina series 25**

## **Hot air generator**



# KALORINA series 25 / Hot air generator

## Wood chip

### FUELS

Wood chip
Wood pellet
Sawdust
Shavings
Wood
Olive husk
Marc of olives
Minced shells



REMOTE ASSISTANCE  
REMOTE CONTROL  
REMOTE ALARMS

On the control panel there is a USB port for PC connection through internet.

A technical can interact with your boiler and makes all the necessary settings.

## THE "GREEN" SOLUTION FOR ENERGY CONSERVATION

**Range:** from 29 kW to 2,5 MW of thermal output power.

The air generators Kalorina Chips are the result of years of work and specialized technical expertise searching safe and innovative products.

In addition to significant savings in heating costs, these air generators are characterized by their versatility offering various possibilities.

Ideal for heating large spaces such as greenhouses, warehouses, factories, gyms and shopping centres or installed with other facilities such as drying plants.

They are thermal systems that can be used in all applications where the ease of use, ease of installation combined with the savings energy components are essential elements for the success of a system.

The wide range of available powers and the possibility to customize the products can satisfy all needs of heating.

*Electro fan**Heat exchanger**Air Vents**Anti-fire kit (standard)***Details and advantages of the system:****Intelligent: its modular construction**

requires few and simple assembly operations, provides great flexibility in the installation, allows easy technical assistance.

**Revolutionary: the new combustion chamber** geometry and the CCS (Clean Combustion System), which provides high yields values and optimal emissions.

**Excellent: the heat exchanger**, economizer, horizontal, with smoke tubes, which ensures maximum thermal efficiency on air through an appropriate measuring and its unique geometry.

**Uniform: the diffusion of air**, thanks to the complete range of accessories that allows diffusion of air through adjustable or multiplexed conveyors, for efficient and rapid heating.

**Optimal: the adjustment**, a management system with the electronic self-diagnosis and a display with reports of anomalies, allow the system using the power to the energy needs of the system.

**Automatic: the removing of the ash** from the combustion chamber that ensures an optimal combustion and reduces the maintenance time (standard on great powers).

**Convenient: the system management**, remote support via PC; Modem for SMS commands from your mobile phone (optional).

**Optimal: the security**. Full security system to ensure a better use and reliability.



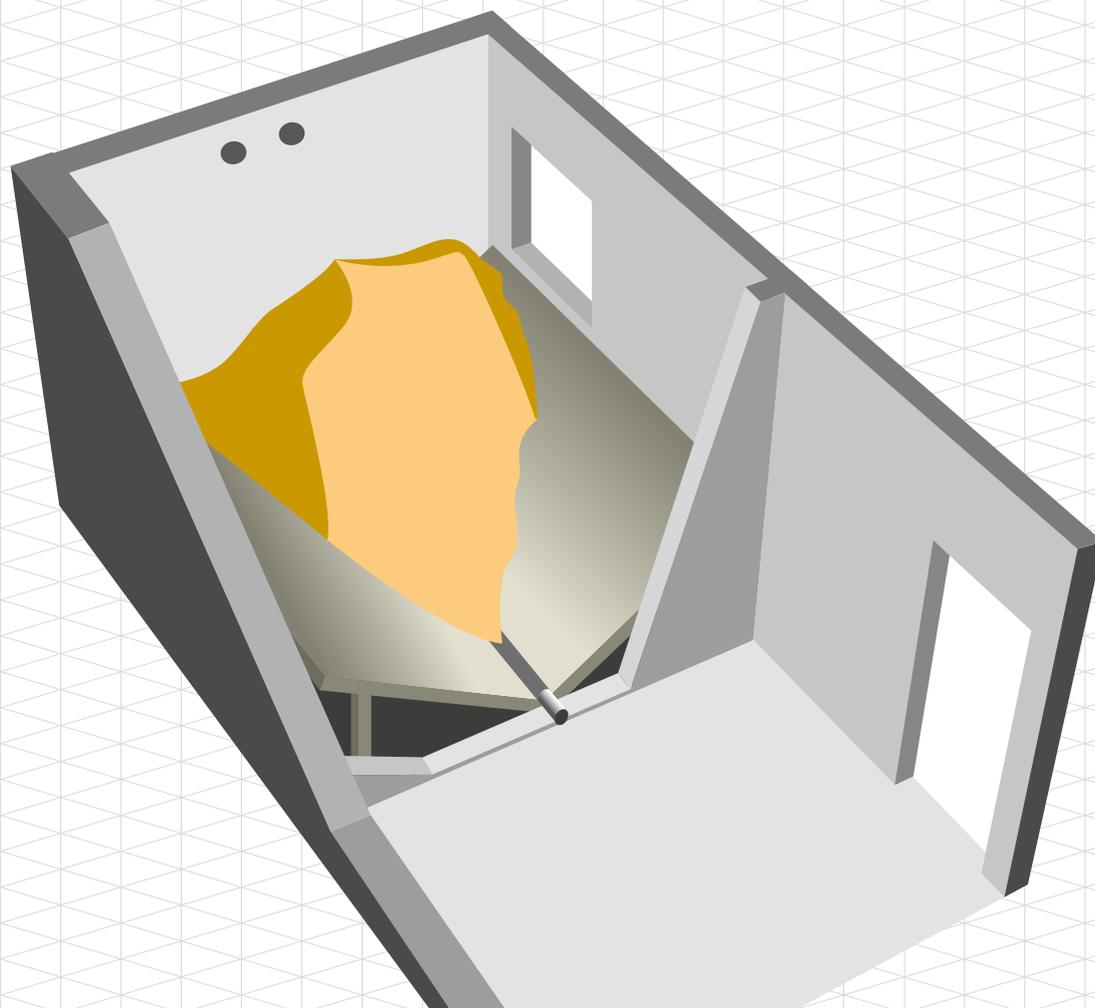
## THE IDEAL SOLUTION FOR EVERY APPLICATION

Kalorina series 25 / Hot air generator		K 2503 E	K 2504 E	K 2506 E	K 2508 E	K 2510 E
Nominal power	kW	29	46	69	93	115
Maximum allowable working pressure	°C	85	85	85	85	85
Nominal voltage	V	230	230	230	400	400
Nominal current	A	14,45	14,45	17,75	12,15	19,95
Nominal frequency	Hz	50-60	50-60	50-60	50-60	50-60
Nominal power output	W	1460	1460	1970	2370	2750
Air flow	m <sup>3</sup> /h	3360	3360	4550	4970	6160/8050
Dimensions mm	width	1848	1848	1848	1848	1848
	depth	1342	1342	1610	1810	1848
	height	1806	1806	1924	1924	1924
Chimney flu	Ø mm	200	200	200	200	250

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# STORAGE/EXTRACTION SYSTEMS

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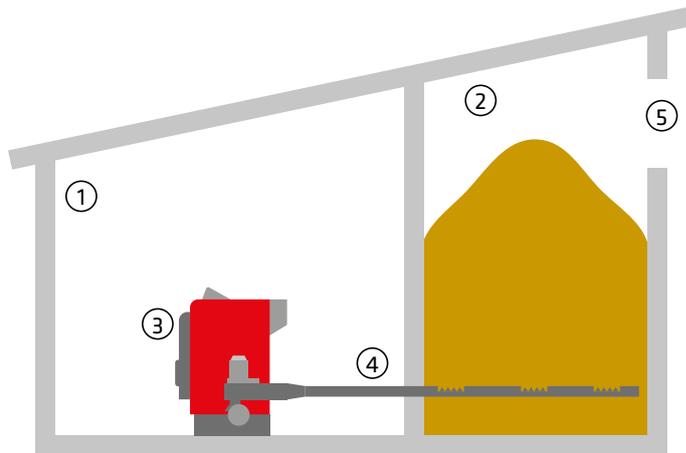
## Storage for pellet / wood chips

The stock is the classic solution for storing the fuel and having a greater autonomy.

The best extraction technique depends on the requirements of your home. Our extraction systems are: the adjustable feeder, the auger or the spring transport system.

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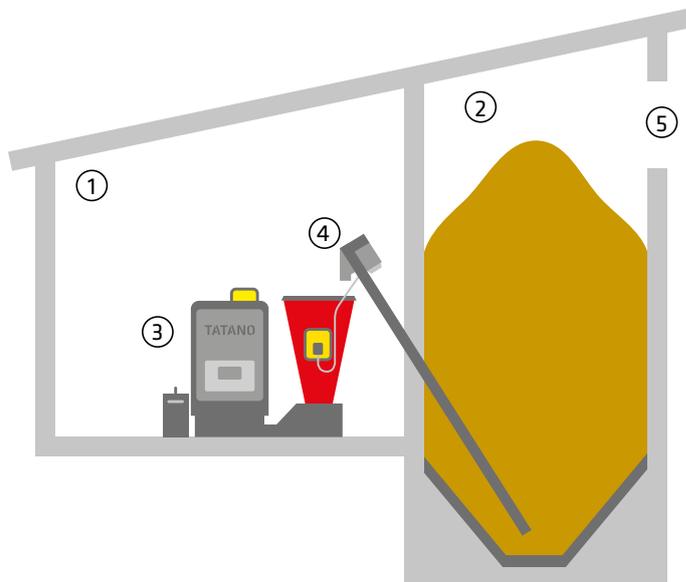
# Systems for extraction



## Extraction by adjustable feeder.

The storage is located near the boiler compartment.

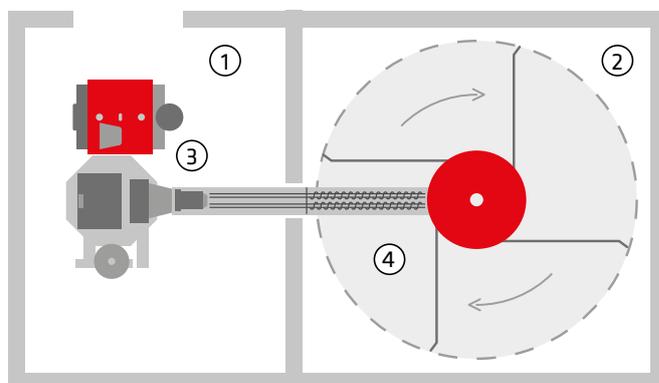
- 1 Boiler compartment
- 2 Fuel storage hopper
- 3 Biomass boiler
- 4 Adjustable feeder
- 5 Trapdoor loading fuel



## Extraction by motorized auger.

The storage is located near the boiler compartment or underground.

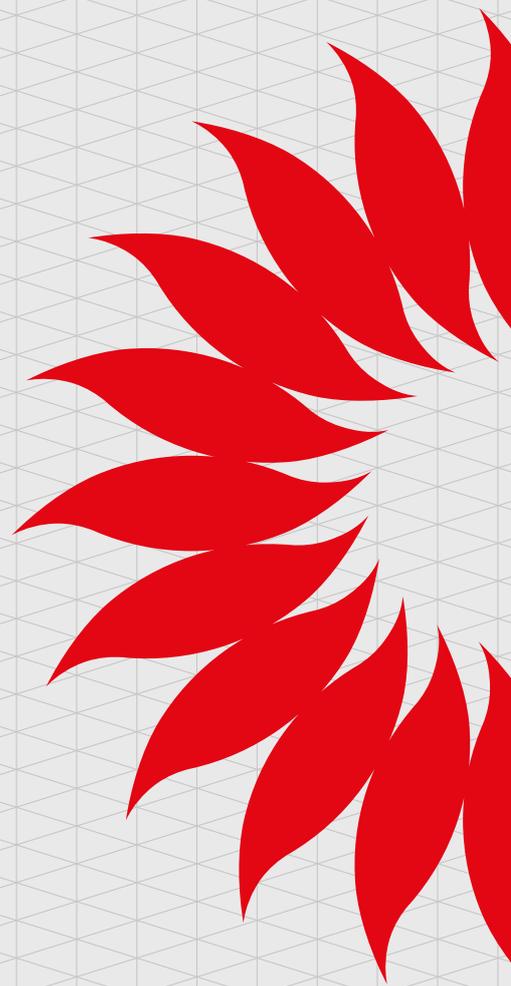
- 1 Boiler compartment
- 2 Fuel storage hopper
- 3 Biomass boiler
- 4 Motorized auger complete with sensor for fuel level
- 5 Trapdoor loading fuel



## Extraction by leaf spring agitator.

The storage is located near the boiler room.

- 1 Boiler compartment
- 2 Fuel storage hopper
- 3 Biomass boiler
- 4 Transport system



Boilers  
made in Italy



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