Kalorina series 22 BK

Electronic pellet boiler

TATANO
renewable energies

Kalorina series 22 BK

Electronic pellet boiler

FUELS

- Wood pellets
- Wood
- Olive husk
- Marc of olives
- Minced shells
- Cereals



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.

GROW ENERGY AND HEAT WITH INNOVATIVE, ECONOMIC, HEALTHY AND SAFE WAY

From the union of Kalorina K22 E and the Kit "B" we have Kalorina BK22 E - CEREALS. The system optimizes the combustion of the grain using a patented combustion technology that provides electronic adjustment by mixing biomass and grains. Farms and farm holidays can also use waste from cereals as fuel.

Kit "B" includes:

Auxiliary hoppers with a capacity of 245 litres complete with auger and drive motors. Possibility to interface the Kit "B" on the same board of the boiler that manages the feed of the combined combustion of materials located in two separate hoppers and mixing them automatically.

Advantages:

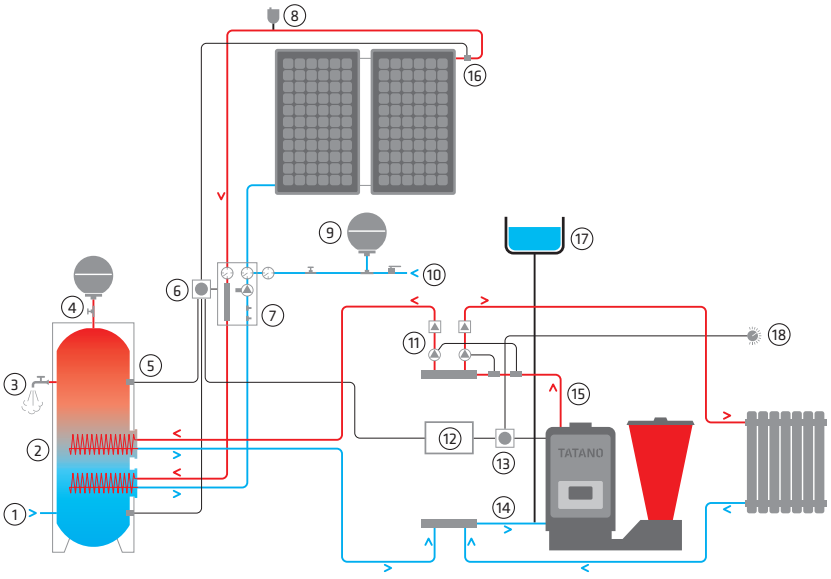
Low cost high yields.

Ideal for farms and farm holidays.

Accelerated depreciation of the plant.

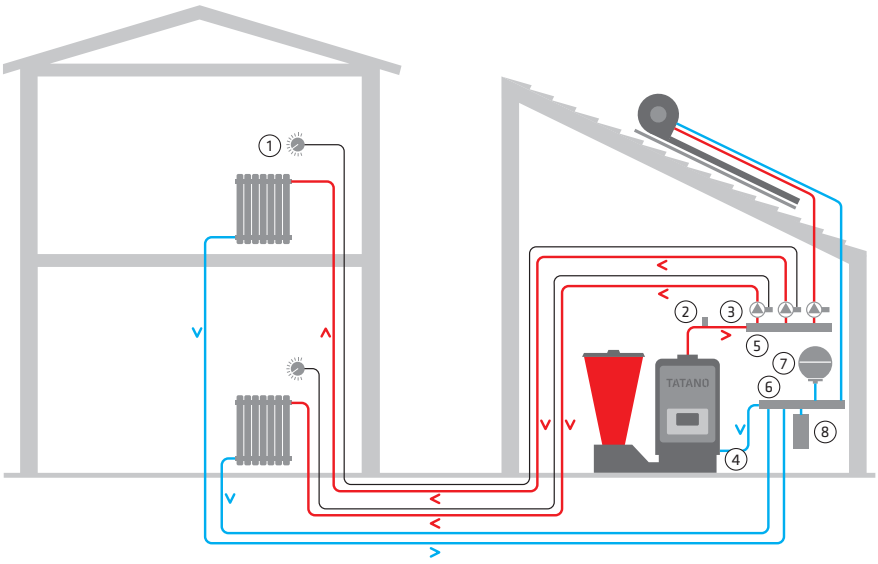
Kalorina series 22		BK2203 E	BK2204 E	BK2206 E	BK2208 E	BK2210 E
Dimensions mm	width	1876	1876	1876	1876	1876
	depth	980	980	1180	1380	1700
	height	1276	1276	1276	1276	1276

INSTALLATION DRAWINGS



Biomass boiler for heating and water production with the integration of a 300 Lt centralized solar system

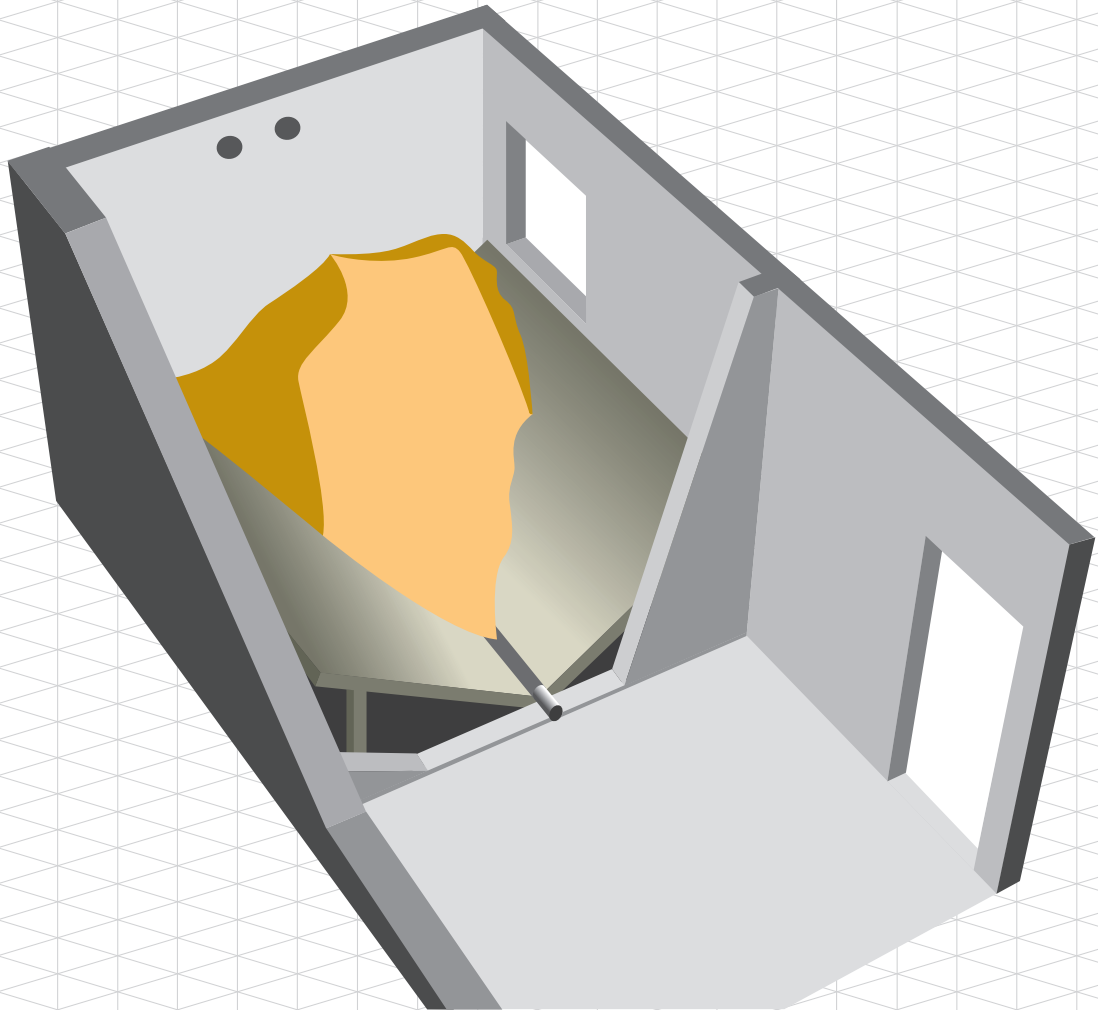
1 Cold water input
2 Lt 300 tank
3 Hot water output
4 Safety valve
5 Temperature sensor
6 Control unit
7 Adjustment unit
8 Bleed valve air
9 Closed expansion tank
10 Group of automatic filling
11 Collector, pump, non-return valve and sensors
12 Contactors panel
13 Boiler control panel
14 Return
15 Fluid flow
16 Sensor
17 Open expansion tank
18 Thermostat



Biomass boiler for heating and water production with integration of natural circulation thermal solar

1 Thermostat
2 Safety valve
3 Fluid flow
4 Return
5 Collector and pumps
6 Collector return
7 Closed expansion tank
8 Group of automatic filling

STORAGE/EXTRACTION SYSTEMS

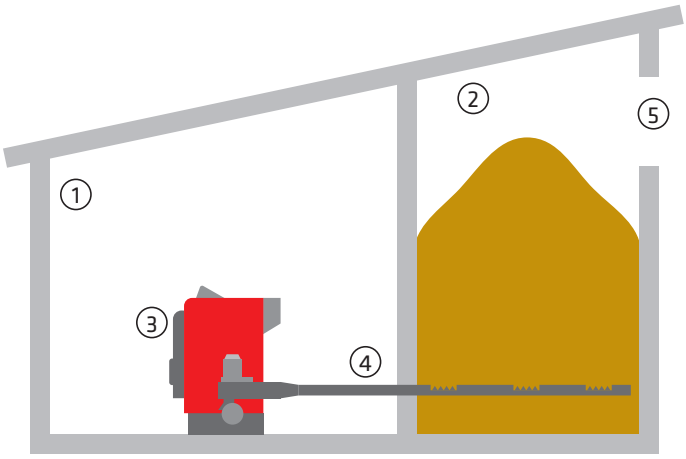


Storage for pellet / wood chips

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

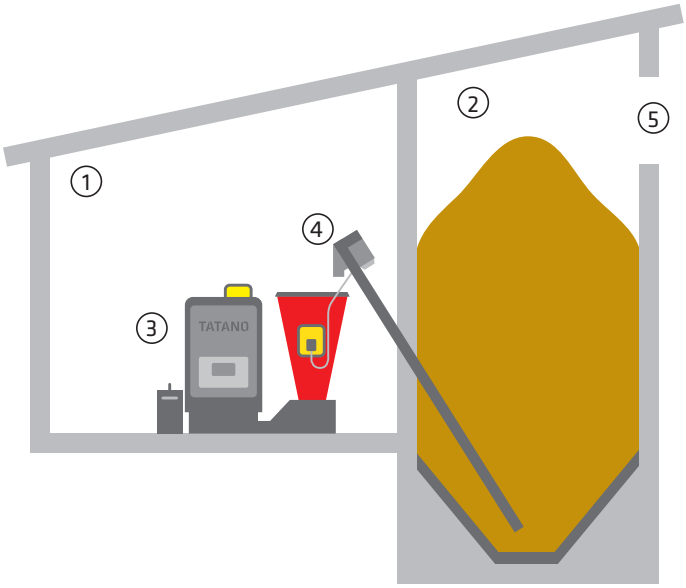
The best extraction technique depends on the requirements of your home. Our extraction systems are: the adjustable feeder, the auger or the spring transport system.

Systems for extraction



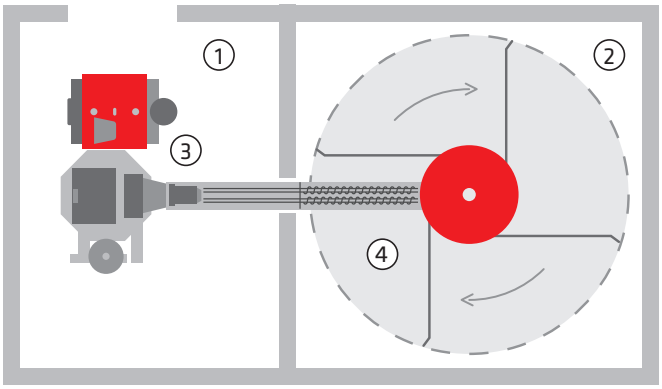
Extraction by adjustable feeder.
The storage is located near the boiler compartment.

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

TATANO s.n.c.

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Biomass boilers
Solar system

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