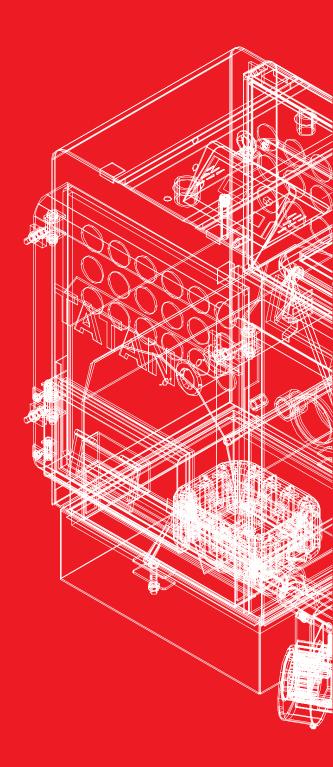
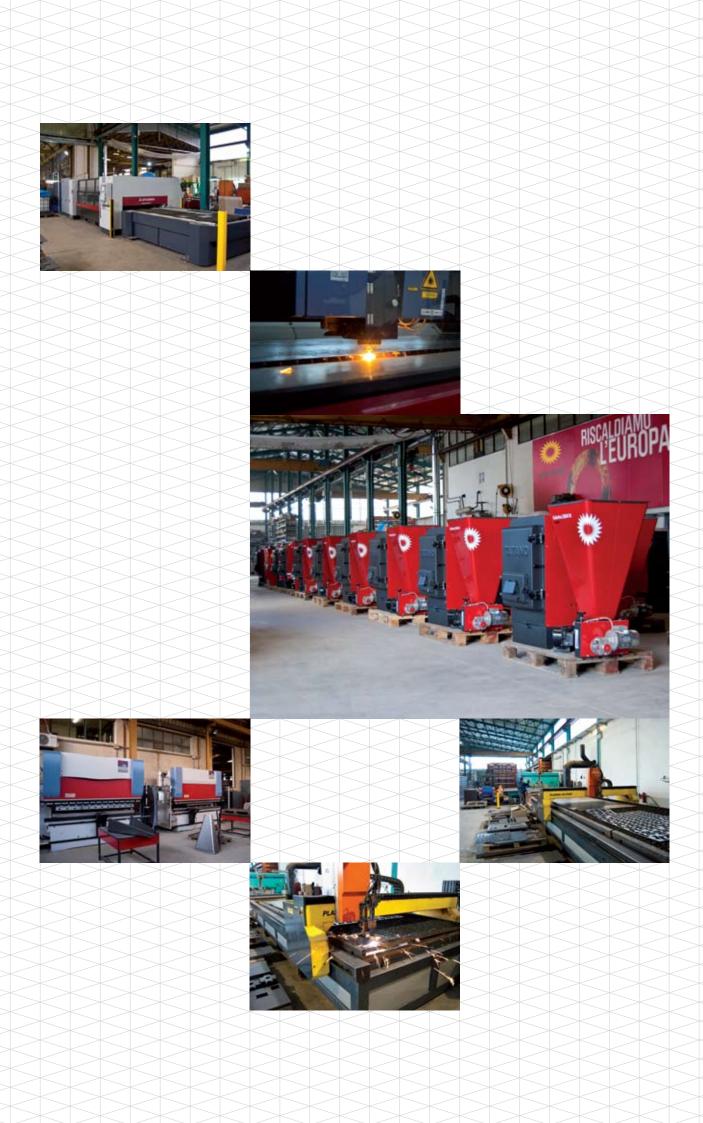


nature energy heat







The company

The TATANO Company was founded in the seventies and over the years has developed significantly.

TATANO, producing its first boiler KALORINA, took the first step to become a leader in the advanced thermal field, creating eco friendly heating solutions through the development of high technology for energy conversion of wood pellets and biomass from agriculture, wood processing and forest industry.

Our field of action:

Design of biomass and bio fuels boilers, with output power from 23 kW to 2 MW

Biomass fireplaces automatically fed

Domestic hot water systems that use solar energy to pre-heat the water

"Turnkey" plants from the hopper to the fireplace

The technological objectives achieved have enabled the company to develop successfully the domestic market. The various trade fairs have also contributed to the promotion and sale of products throughout Europe. The company, by developing technologies for the environment, operates in accordance with the UNI 14001 ENISO rules that guarantee the maximum respect of the environment during the entire production process.

Our strong points:

Specialized technical staff

Close cooperation with leading scientific research centres.

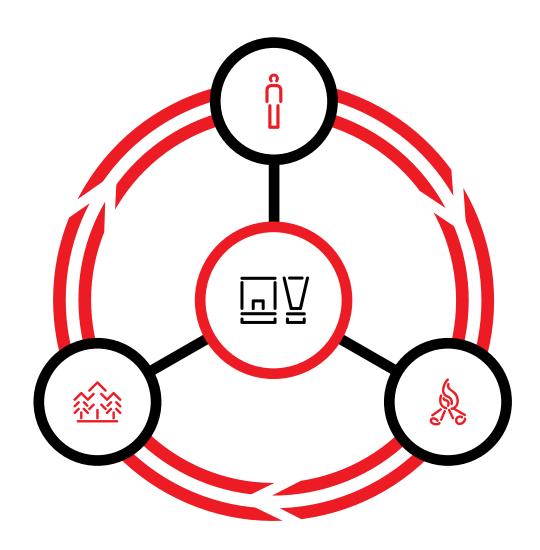
Corporate structure that allows immediate decisions and direct contact with customers

Easy adapted solutions to individual customers needs and to any site of installation

Simple management system

Remote control management

BUSINESS PHILOSOPHY



The eco-friendly heat source

The company, in accordance with the dictates of the Kyoto Protocol which demands developing countries to reduce the emissions of pollutants, focused on the development of renewable energy sources.

The "20-20-20" program binds all EU member states to reduce CO2 emissions by 20% and to increase with 20% the use of new energy sources and energy efficiency with alternative heating. Our business philosophy aims to the well-being of the people protecting the environment.

By placing the needs of well-being of the people and the resources of nature upon the same plane we create a cyclical business philosophy:

ENVIRONMENT: a valuable asset to be preserved for future generations

HEAT: the symbol of life and home

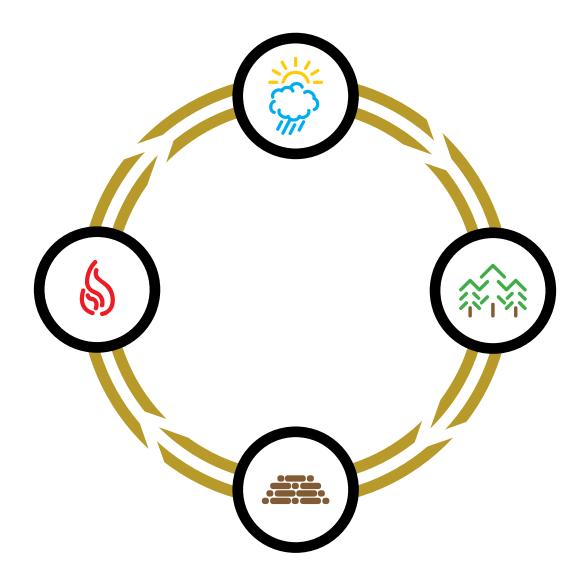
KALORINA: eco sensitive technology

WELLNESS: human and environmental you look for



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BIOMASS: A NATURAL ENERGY RESERVE



Biomass includes various materials of biological origin that can be used as fuel for the production of energy.

This is a local, clean and renewable resource, an energy source within reach, easily converted into fuel with high energy power, available locally and usable on site.

The biomasses are grouped into four main categories:

Forest and industrial wood residues:

this is the result from maintenance of the woods and woodworking.

Agricultural by-products:

straw, stalks, branches from pruning, wine branches.

Agro-industrial residues:

husks, skins, cores from the food industry.

Energy crops



Natural heat from biomass

Heat your home and protect the nature: this is the best perspective!

Cheap and effective ways of heating as biomass help to protect the future environment.

By choosing a clever technology respecting the environment you anticipate the future.

The heating-edge system Tatano Kalorina helps to preserve the environment.





WOOD PELLETS AND WOOD

HEATING





Wood pellet

Natural heat

Pellet is the alternative heating to traditional energy sources for heating systems. It is a biocompatible product, its CO_2 emissions are zero and equivalent to carbon dioxide a plant absorbs to produce the same amount of pellets. It is a totally natural product, made through few basic mechanical processes through which the processed sawdust machine transforms into small high-density cylinders with different sizes.

The pellets advantages are:

Independence from global developments

Constant Prices

Short-range transport

Warehouse Storage with delivery truck

Dust-free Storage and neutral olfactory features

Volume storage content

Efficient boilers and low energy consumption

We recommend using pellets purchased from producers that ensure compliance with: ONORM, DIN NORM, DIN PLUS, PELLETS GOLD

Wood

Natural fuel

Wood is one of the most precious materials given by nature; it is a source of clean and renewable energy and in a truly perfect balance with the nature.

In recent decades there has been abuse in the production of fossil fuels energy, as well as being exhaustible resource energy, produce a negative impact on the environment. The rediscovery of the natural wood as fuel is linked to the increasing attention to environmental protection.

The wood is a storehouse of solar heat energy.

Using wood for heating systems means free clean energy. Wood burns without producing sulphur emissions and harmful carbon dioxide (CO_2). During combustion, in fact, it releases the energy stored during the process of photosynthesis. In addition, the wood, when burned properly, generates the same amount of carbon dioxide (CO_2) absorbed by the plant during its growth, thereby respecting the cycle of nature.

Wood is an environmentally friendly, economic, renewable and locally available energy source.

PELLET (standard M7135)		
Calorific value	kWh / Kg	5
Density	Kg/m³	650
Diameter	mm	6
Length approx	mm	5-40
Water content	W	< 10%
Percentage of dusts		max. 1 %
Ash content		< 0,5 %
Raw material		Sawdust and wood shavings
Energy production waste		2- 2,27 %
NO CHEMICAL ADDITIVES		

Wood calorific value according to its moisture	
MOISTURE %	CALORIFIC POWER kcal/kg
15	3490
20	3250
25	3010
30	2780
35	2450
40	2300



KALORINA SERIES 20 N

Mechanical

FUELS

Wood pellets

Wood

Olive husk

Olive stones

Minced shells



HANDY, ECONOMICAL AND SAFE

Kalorina N20, the mechanical multi-fuel boiler, is the optimal solution for the ecological and economic heating for all the environments.

System advantages:

Robust and solid construction

High efficiency thanks to its structural components: a wide combustion chamber, a large fire top covered with refractory cement, horizontal heat exchanger with smoke tubes, mechanical burner with two augers.

Great flexibility in choice of fuels: solid minced fuels inside the hopper or wood manually loaded.

Ease of installation, ease of use and maintenance and maximum safety.

The boilers can be combined with a wide range of kettles and integrated with solar systems.

The model with Hydro provides hot water through a removable copper coil in the serial models.

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Kalorina series 20N		K2002N	K2004N	K2006N	K2008N	K2010N
Power on furnace	kW	23	46	69	93	116
Maximum allowable working pressure	bar	3	3	3	3	3
Boiler Class			EN	303-5: 1999 Clas	ss 3	
Maximum allowable working temperature	°C	90	90	90	90	90
Water content	L	64	116	158	200	240
	width	1320	1450	1450	1450	1450
Dimensions mm	depth	830	979	1179	1379	1579
	height	1050	1192	1192	1192	1192
	flow	2"	2"	2"	2"	2"
Pipes Ø	return	1"	1" ½	1" ½	1" ½	1" ½
	expansion tank	1"	1"	1"	1"	2"
Chimney flue	Ø mm	150	200	200	200	250



KALORINA SERIES 22

Electronic wood pellet boiler

FUELS series 22

Wood pellets

Wood

Olive husk

Olive stones

Minced shells

Cereals (for models BK)





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

AN ECONOMIC, BUT VERY EFFICIENT HEATING SOLUTION

Kalorina 22 E, the ecological boiler, with its innovative technology ensures a high and constant efficiency level, low emissions and reduced fuel consumption.

Range: from 23 to 116 kW thermal power output.

The system offers:

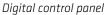
A solid and robust modular structure that provides more flexibility during installation and assembly, making easy the handling and the passage in tight spaces, the periodic maintenance and service

A horizontal smoke tubes heat exchanger, thanks to its special geometry and an optimum design ensures high yield.

Biomass is fed from the hopper to the combustion chamber through a feeder formed by a jumping dispenser auger (to prevent the backfire) and a supercharged auger (Stoker)









Bio-fuel burner (preparation)



Combustion chamber

The 190 litres fuel storage hopper, equipped with capacitive sensor that provides long range operation (see storage solutions to increase the efficiency).

The electronic panel that controls the automatic functioning of ignition, transport fuel, management of primary and secondary air flow, modulating combustion power, auto-maintenance.

The remote-assistance service allows you to control and operate on distance.



Combustion chamber and tubes

Kalorina serie 22		K2202 E	K2204 E	K2206 E	K2208 E	K2210 E
Power on furnace	kW	23	46	69	93	116
Maximum allowable working pressure	bar	3	3	3	3	3
Boiler Class			EN	303-5: 1999 Clas	ss 3	
Maximum allowable working temperature	°C	85	85	85	85	85
Water content	L	64	116	158	200	240
	width	1208	1309	1309	1309	1309
Dimensions mm	depth	815	979	1179	1379	1579
	height	1115	1265	1265	1265	1265
	flow	2"	2"	2"	2"	2"
Pipes Ø	return	1"	1" ½	1" ½	1" ½	2"
	expansion tank	1"	1"	1"	1"	2"
Chimney flue	Ø mm	150	200	200	200	250



Kalorina series 22 EPA

Electronic wood pellet boiler



EFFICIENT SOLUTIONS ADAPTED TO EVERY NEED

The addition of the "PA" Kit – Automatic Cleaning - transforms the boiler Kalorina 22 E in a self-cleaning boiler Kalorina 22 EPA that minimizes maintenance, ensuring a perfect cleaning of the tubes and the automatic extraction of ash.

The PA kit includes:

Tubes bundle extractor of ash.

Combustion chamber extractor of ash

Ashtray

Electronic monitoring of the cleaning devices.

Programming of the cleaning cycles.

Advantages:

Clean combustion.

High performance.

Reduced fuel consumption.

Optimal emission values.



Ash extraction: tubes



Ash extraction: combustion chamber



Kalorina series 22 BK

Electronic wood pellet boiler



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	Kalorina series 22		BK2204 E	BK2206 E	BK2208 E	BK2210 E
	width	1775	1876	1876	1876	1876
Dimensions mm	depth	813	979	1179	1379	1579
	height	1115	1265	1265	1265	1265



KALORINA MINI K25

Electronic wood pellet boiler

FUELS

Wood pellets

Wood

Olive husk

Olive stones

Minced shells





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection
Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

MINI K SERIES: THE PERFECT SOLUTION FOR A SMALL SPACE

A functional design technology combines efficiency, comfort and energy conservation. The category includes models K35 and MK25 PV with power of 29 kW (25000 kcal/h).

Features:

Thanks to its compact design and the reduced noise falls easily in very small spaces.

The Automatic adjustment of the combustion allows burning various types of biomass

Integrated hot water through the copper coil

Loading hopper manually or automatically through the motorized auger

The electronic boiler system allows you the ON/OFF, the combustion power change, the modulation percentage, the recipe combustion change (the possibility to burn pellet, wood or bio fuels through a special burner).

Connection of this model with a gas/diesel boiler/diesel or solar panels

Remote management via SMS and PC



Kalorina K35

Electronic wood pellet boiler



With the addition of the "B" KIT the K35 PV can be transformed in BK35 CEREALS. The auxiliary hopper complete of auger and motors interfaced on the same panel allows the boiler to burn perfectly cereals until 80%, making the most of their power calories.

Advantages:

Low cost high yields

Ideal for farms and farm holidays

Accelerated depreciation of the plant



Kalorina		MK25	K35 PV	BK35 PV
Power on furnace	kW	29	34	34
Maximum allowable working pressure	bar	3	3	3
Boiler Class		EN 30)3-5: 1999 CI	ass 3
Maximum allowable working temperature	°C	85	85	85
Water content	L	60	90	90
	width	600	1000	1529
Dimensions mm	depth	800	800	888
	height	1142	1243	1243
	flow	1"	1"	1"
Pipes Ø	return	1"	1"	1"
	exp. tank	1"	1"	1"
Chimney flue	Ø mm	150	150	150



Kalorina BK 25

Cereals



ALL IN ONE SOLUTION

The novelty of this model is the addition of the "B" Kit that makes the technology product easier and more intuitive. Modern and functional design, autonomy and a high efficiency make this boiler unique in its category.

Features:

Compact and lightweight

Patented combustion technology allows you to burn automatically: pellets, cereals, wood, in a single combustion chamber.

Adding a special burner, you can burn biodiesel and vegetable oils, eco-friendly fuels and renewable energy.

Hot water through the standard copper coil

Built-in ash tray

Efficient regulation system that manages the combined feed of the fuel located in the two separate hoppers, the ignition, the linear modulation of the power supplied and the maintenance.

Remote control via SMS and PC

Advantages:

Compact and silent it falls easily in very small spaces

Modulating system that provides energy according to the needs of comfort of your home

High efficiency combustion with excellent emissions values

Optimum use of energy through the integration with solar panels systems

Kalorina		BK25
	width	835
Dimensions mm	depth	800
	height	1142

Ĥ

Kalorina 2104

Wood



Kalorina - Wood is the perfect solution to heat your homes at low cost protecting the environment.

It is a traditional wood-fired boiler with natural draft that guarantees quality, efficiency and simplicity.

Kalorina-Wood, with a range power between 20000 and 80000 Kcal/h (23 to 93 kW), ensures the needs of small and medium heat places and the domestic hot water requirements through the removable copper coil models.

Features:

The Boiler body is made of steel, ensuring quality and durability

The Temperature loss is guaranteed by the full insulation

The Heat horizontal fire tubes ensures efficient heat exchange

A big Combustion chamber with 4-walls wet

A Wide brazier that allows you using large pieces of wood

The Possibility of using liquid fuels after application of a suitable burner

Advantages:

Ideal in the countryside and mountains where it's easy to find wood

Kalorina series 21		K2102	K2104	K2106	K2108
Power on furnace	kW	23	46	69	93
Capacity	L	64	116	158	200
	width	760	860	860	860
Dimensions mm	depth	813	979	1179	1379
	height	1030	1178	1178	1178
Chimney flue	Ø mm	150	200	200	200



KALORINA Hot air generator

Wood pellet

FUELS

Wood pellets

Wood

Olive husk

Olive stones

Minced shells





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

THE RIGHT CHOISE FOR YOUR ENERGY CONSERVATION

The need to heat big spaces without the use of too expensive traditional heating systems has led us to design the hot air generator, KALORINA K 24 E, with automatic feed that uses alternative wood pellets and firewood energy.

An advanced system that allows the use of different fuels, ideal for heating large rooms, halls, gyms, garages, greenhouses, industrial buildings, or to be connected to your drying plants.

These thermal systems are successful in all applications where the ease of use, ease of installation combined with the savings energy are essential components for a successful heating system.

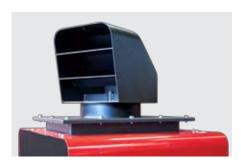
The wide range of available powers and the possibility to customize the products can satisfy all needs of heating.

Range: from 46 to 2 MW of thermal output power.









Air Vents

Details and advantages of the system:

Intelligent: the modular design

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

Revolutionary: the combustion chamber with a new geometry and the
CCS (Clean Combustion System) ensures
high optimal efficiency and emission levels

Excellent: the heat exchanger,

economizer, with horizontal tubes smoke, allows the maximum air thermal efficiency through an appropriate size and its geometry.

Uniform: the diffusion of air, through the full range of accessories allow diffusion of air through adjustable vents, or outlet, for a rapid and efficient heating

Optimal: the adjustment, through the electronic management system, with Self-diagnosis, display for reporting anomalies, allows the system adapting the power to the energy needs of the plant.

Automatic: the ash removal in

the combustion chamber that provides an optimal combustion and reduces maintenance (standard for big powers).

Convenient: the management of the plant, remote support via PC Modem SMS commands from your phone (optional).

Maximum security system to ensure the optimum use and the maximum reliability.

Kalorina Hot air generator		K2404 E	K2406 E	K2408 E	K2410 E
Power on furnace	kW	46	69	93	115
Maximum allowable working pressure	°C	85	85	85	85
Nominal voltage	V	230	230	380	400
Nominal power	Α	11,4	14,75	13,75	13,05
Nominal frequency	Hz	50-60	50-60	50-60	50-60
Nominal power output	W	1270	1840	2240	2240
Air flow	mc	3000	4100	5600	6000
	width	1510	1510	1510	1510
Dimensions mm	depth	1342	1542	1742	1942
	height	1750	1750	1750	1750
Chimney flue	Ø mm	200	200	200	250



KALORINA Big power generator

Wood pellet

FUELS

Wood pellets

Wood

Olive husk

Olive stones

Minced shells





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection
Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

THE PERFECT SOLUTION FOR BIG PROJECTS

The medium-large systems Kalorina-Pellet fascinate for the ease of use and operation. With a fully automated operating system, these boilers do not have size limits, being able to reach even powers of several MW.

Thanks to its automation features and the economical use, these boilers can heat naturally: housing, agricultural, industrial and commercial facilities, hotels, schools, hospitals, health centres are examples of heating use.

Kalorina Big Powers is a convenient and practical solution that gives high performance, high efficiency with low emissions and saving energy for heating large spaces.

To ensure a maximum performance of the heating system where the Great Powers-Kalorina is the leader is necessary establishing a local hopper for the storage of the fuel.

Range: from 151 kW to 2 MW of thermal power output.





Secondary air fan



Burner and ashes extractor



Post combustion air inlet holes



Baffle Tubes (optional)

"Intelligent" details and benefits from the system:

Intelligent modular design.

Reduced assembly operations (if necessary, individual components can be removed through few operations).

Flexibility in installation (it allows the placement of the hopper on the right and left side).

Technical assistance facility.

New geometry of the combustion chamber with CCS (Clean Combustion System).

High combustion efficiency up to 92%.

Combustion with reduced emissions (Class 3 according to EN303/5).

Reduced fuel consumption.

Economizer heat exchanger, horizontal smoke tubes with a particular geometry and a large surface area for exchange.

Maximum heat transfer.

High performance.

Cost savings.

Ash extraction through motorized auger

Clean combustion.

Automatic ash removal from the combustion chamber.

Optimal combustion adjustment.

Automatic on/off activation according to the requirements of the heating system.

Ready to heat through the maintenance function of the brazier.

System ease of use through the electronic management system, with self-analysis, display for the reporting of anomalies.

A continuous modulation power provided commensurate to the actual energy requirements of the plant.

Technical systems for optimal use of energy (expandable at any time).

It allows an efficient management of the various energy sources.

Possibility to integrate this system with other kind of energy production, such as the solar systems.

Comfortable and safe management system.

Remote monitoring and remote maintenance via PC.

Modem for SMS commands from your mobile phone (optional).

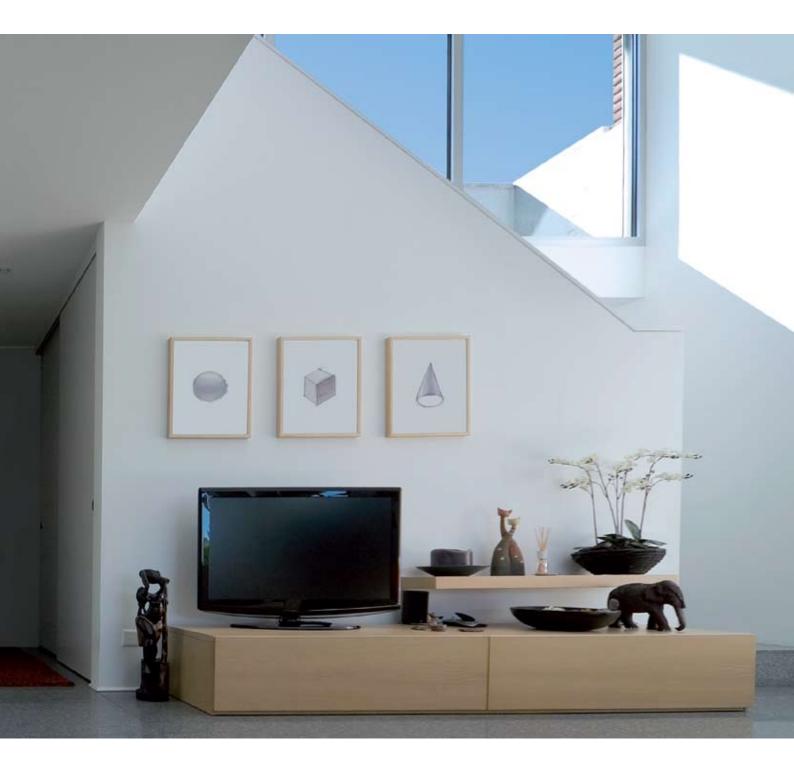


KALORINO



WARMTH THAT FURNISHES





Thermo-fireplace solution offers a good compromise between the more modern design and the latest technology of heating systems.

Wood, pellet or other form of biomass fireplaces are designed to be with the heat fully capable of operating independently or in synergy with other boilers and various types of equipment: heaters, coils, coils in the floor, latest generation solar panels.

 $\ensuremath{\mathsf{KALORINO}}$ KS is an energy project will add value to your home.

The integration of the fireplace with the latest generation solar panels can achieve a unique combination of energy (biomass + sun).



Kalorino KS

Wood



TRADITION TECHNOLOGY POWER

Tradition and technology, power and elegance, these are the trump cards of KALORINO to deal with the hardest winters and to meet the daily needs of style, comfort and ecology.

KALORINO, the modern design wood-burning fireplace, is a unique heating system used for all types of environments. Renewable technologies and customized solutions provide high performance and low fuel consumption.

Features:

Insulated outer structure, optimal size of the combustion chamber, refractory fire plane and heat exchanger with tubes ensure high performance with minimum power consumption.

32





Synoptic control panel



Combustion chamber with raised grid



Combustion chamber with lowered grid

Tipper grille for a good burning wood.

Double combustion connectable to the air hose, then heated, to a clean glass and a uniform post combustion flue gas.

Wide open door with two motorized vertical flap that ensures the tightness of the furnace and facilitates the periodic cleaning of the glass.

Smoke removable hood for easy periodic cleaning.

Throttle valve to increase the draft.

Built-in ash drawer, pulling out from the furnace.

Exhaust Coil operated through a safety valve.

Synoptic panel that allows monitoring of the system: thermostat pump, thermostat to control the motorized three-way valve, water temperature sensor.

Customized coating, thanks to the new configuration of the thermo-dynamic components.

KALORINO WOOD	KALORINO KS WOOD		KS 25	KS 35		
Power on furn	Power on furnace kW		25	34		
width		580	743	926		
Dimensions mm	depth	726	726	736		
111111	height	1685	1685	1685		
Weight Kg		180	260	340		
Nominal volta	ge		230 V AC ± 10 % ~ 740			
Nominal frequ	Nominal frequency		50 Hz			
Litres capacity	/	68	94	120		
Maximum allo working temp		85 °C				
Working press	sure		3 BAR			
Flow / return	Flow / return		1"			
Expansion tar	ık	Open type		Open type		
Expansion tar	Expansion tank fitting		1"			
Chimney flue	connection Ø	150 mm with natural draught	250 mm with natural drau	ght		



Kalorino KS

Wood pellet / Wood

FUELS

Wood pellets

Wood

Olive husk

Olive stones

Minced shells





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

KALORINO: A LIFESTYLE

Kalorino: for a natural well-being lifestyle, heating evenly over areas of the house, to decorate with style and originality ... to feel at home!

Features:

Insulated outer structure for a minimum heat loss.

Closed brazier sealed with cast iron fire plane, large combustion chamber, mechanical burner with auger and heat exchanger with tubes and a special geometry, for optimum combustion and high thermal transfer.

Primary combustion air, controlled automatically, for easy lighting of the brazier.

Secondary air connected to an air hose to clean the glass and a uniform post-combustion flue gas.

Manual operation of the heat exchanger cleaning system

Grille tip for an optimum use of the wood

Sliding rail system with sliding guides to ensure a soft and silent sliding of the door

Panoramic door with ceramic glass resistant to high temperatures, mounted on the outside for a broad view of the fire.

Double motorized opening up and down and flap.

Standard Big hopper placed on three sides (on demand), provided with capacitive sensor for a greater autonomy

Electronic management system with selfdiagnostic operating status display with anomalies reporting



Menu control through internet guide for the programmed control of combustion, which provides: the ignition, the fuel supply, the combustion air control, the maintenance of fire, the linear and continuous modulation power commensurate with the real energy needs.

Timer integrated mode that allows the choice of programs: daily, weekly and weekend.

Insulated glass door for the "hot water" in the summer

Remote assistance Service by PC.

Optional:

Profile on the border of the brazier to connect with the coatings.

Kit for the hot water production.

GSM multifunction interface (remote management system via mobile phone by SMS with the ON/OFF mode, display ON/OFF state, alarm display.

System Advantages:

The Heat energy source is completely independent, able to heat rooms up to 300 square meters, including (if willing) on several levels.

It can be used as the sole source of heat or in synergy with other gas or diesel boilers.

Highly versatile and integrated in various types of systems: radiators, floor, solar heating.

Patented combustion, well maintained, using modern technologies, ensures high thermal efficiency, for the benefit of the environment.

The Innovative design is easily adaptable to any type of area: rustic, classic, modern, and can be coated with any material: natural stone, marble, wood, by offering an excellent decorative result.



Combustion chamber with lowered grid



Combustion chamber with raised grid







Burner

KALORINO KS PELLET / WOO	D	KS 15	KS 25	KS 35		
Power on furnace k\	N	15	25	34		
	width	815	1120	1320		
Dimensions mm	depth	759	726	726		
	height	1685	1685	1685		
Weight Kg		300	380	460		
Nominal voltage			230 V AC			
Nominal power		2,81 A	3,01 A	3,36 A		
Nominal frequency			50 Hz			
Nominal power outp	out	620 W	660 W	750 W		
Litres capacity		68	94	120		
Maximum allowable working temperatu			85 °C			
Working pressure			3 BAR			
Flow / return			1"			
Expansion tank			Open type			
Expansion tank fitti	ing		1"			
Chimney flue connection Ø		150 mm with natural draught	with natural with natural draught			

Kalorino KS

Coatings



CUSTOMIZED ELEGANCE

Kalorino can be customized by the customer with different kinds of coatings.













CHIPS AND WOOD PELLET

HEATING





Wood chips

Low cost "green" energy efficiency

The wood chip is obtained from the fragmentation of various types of wood, it can be produced from agricultural and forestry waste or dedicated crops. Like other wood-cellulosic biomass, it is a renewable source and as the waste materials represents the raw material for the growth of the vegetable species of origin in a closed cycle on a global scale.

The use of wood chips as a heating fuel offers economic, environmental and practical benefits. The wood chip combines wood heat production at low cost with the need for an automatic and ecofriendly combustion system.

Advantages for small and medium-sized companies and public buildings:

The reasonable price of the fuel and the maximum comfort.

The fuel is not subject to price fluctuation because it is available locally.

The independence from oil and gas.

The guaranteed supply from local farms.

The efficient boiler and the low energy consumption.

Advantages for the farmers:

Enhancement of residual wood.

Additional revenue from wood chips sale.

Mechanized production.

Savings in working time with the automatic heating system.

Efficient boilers and low energy consumption.

WOOD CHIPS (standard M7133) 4 25% W Calorific value kWh / Kg Kg/m³ 200-250 Density Dimensions G30 / G50 Length approx mm 5-40 Water content W 15-35% Expenditure of primary energy 1,8 - 2 %

Wood pellet

Natural heat

Pellet is heating alternative to traditional energy sources for heating systems. It is a biocompatible product, its CO_2 emissions are zero and equivalent to carbon dioxide a plant absorbs to produce the same amount of pellets. It is a totally natural product, made through few basic mechanical processes through which the processed sawdust machine transforms into small high-density cylinders with different sizes.

The pellets advantages are:

Independence from global developments

Constant Prices

Short-range transport

Warehouse Storage with delivery truck

Dust-free Storage and neutral olfactory features

Volume storage content

Efficient boilers and low energy consumption

We recommend using pellets purchased from producers that ensure compliance with:

ONORM, DIN NORM, DIN PLUS, PELLETS GOLD

PELLET (standard M7135)				
Calorific value	kWh / Kg	5		
Density	Kg/m³	650		
Diameter	mm	6		
Length approx	mm	5-40		
Water content	W	< 10%		
Percentage of dusts		max. 1 %		
Ash content		< 0,5 %		
Raw material		Sawdust and wood shavings		
Energy production waste		2- 2,27 %		
NO CHEMICAL ADDITIVES				



KALORINA SERIES 23

Electronic chips

FUELS series 23

Wood chip

Wood pellet

Sawdust

Wood

Olive husk

Olive stone

Minced shells

Cereals (for models BK)





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

THE BEST ALTERNATIVE IN TERMS OF ENERGY SAVINGS AND EFFICIENCY

Kalorina Series 23/E is an excellent alternative in terms of energy conservation and efficiency, as it uses a renewable energy such as waste wood for heat production at low cost, ensuring quality and safety.

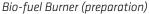
The system stands out for its versatility, it is designed to use different fuels in addition to wood chips (pellets, wood, and all compatible biomasses), for automatic operation and easy maintenance.

In the range of power ratings between 46 and 116 kW, you can also have the Hydro version (46-69 kW); the wood chips/pellets boilers distinguish for their performance.

An ideal solution for heating all types of environment: single family home or multi-level, small and medium-sized farms and schools.









Combustion chamber



Anti-fire kit (standard)

Features:

Solid and strong construction.

Horizontal tube heat exchanger for a maximum heat transfer.

Electronic control panel for a programmed and automatic combustion, which includes: the auto ignition, the adjustment of the boiler with the exact dosing of fuel and air, the possibility to reduce automatically the thermal power in modulation up to 70% of full power, the maintenance of the fire.

Clean combustion system (CCS), which combines an innovative air distribution of post-combustion ensuring the flue gas cleaning and a greater thermal efficiency.

A 450 litres storage hopper equipped with a radial agitator and a fuel sensor end.

Possibility to place the hopper on the right and the left hand side.

Tele-assistance service that allows you to monitor and intervene by distance: through an output standard USB connection to PC.

Anti-Fire kit.

Depending on the type of fuel and the type of functioning, the system can be equipped with some kit of accessories to meet different customer needs:

Burner for boiler operation with liquid or gaseous fuel when in absence of solid fuel.

Remote control module and remote alarms that allows the system management via SMS (on/off) and the possibility of viewing the operational status.

Kalorina series 23		K2304 E	K2306 E	K2308 E	K2310 E
Power on furnace	kW	46	69	93	116
Maximum allowable working pressure	bar	3	3	3	3
Boiler Class	EN 303-5: 1999 Class 3				
Maximum allowable working temperature	°C	85	85	85	85
Water content	L	116	158	200	240
Dimensions mm	width	1697	1697	1697	1697
	depth	990	1179	1379	1579
	height	1276	1276	1276	1276
Pipes Ø	flow	2"	2"	2"	2"
	return	1" ½	1" ½	1" ½	2"
	expansion tank	1"	1"	1"	2"
Chimney flue	Ø mm	200	200	200	250



Kalorina series 23 EPA

Electronic chips



HIGH EFFICIENCY AND AUTOMATIC CLEANING

The addition of the "PA" Kit – Automatic Cleaning – transforms the boiler Kalorina 23 E in a self-cleaning boiler Kalorina 23 EPA.

Wood chips leads to the formation of ash as for pellet combustion. In this model of boiler, the tubes cleaning and removal of the ashes of the combustion chamber is made automatically, in a convenient and simple way.

The PA kit includes:

Ash extractor of the tubes.

Ash extractor in the combustion chamber.

Ash tray.

Electronic monitoring for the cleaning

Possibility of programming the cleaning cycles.

Advantages:

Clean combustion.

Optimal emission level.

Automatic ash removal.

Minimizing maintenance time.



Ash extractor: tubes



Ash extractor: combustion chamber

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Kalorina series 23 BK

Electronic chips



GROW ENERGY: HEATING WITH INNOVATIVE, ECONOMIC, HEALTHY AND SAFE WAY

The farmer becomes the "exclusive provider" of this model of boiler that, through the application of the "B" Kit transforms it into a Kalorina BK23 Wood-Cereals Chips. This boiler rewards you with healthy and low-cost warm, as its strong technology and clever details, allows the use of wood waste and optimizes the combustion of the cereals, making the most of its calorific value. A modern concept of adjustment allows you to interface the Kit "B" on the same control panel that manages the combined power boiler of the combustion materials located in two separate hoppers and mixing them automatically. Farms can also use scraps of cereals as fuel.

Advantages:

High efficiency with low consumption.

Ideal for saw mills, farms and cottages.

Low-cost heating.

Accelerated depreciation of the plant.

Kalorina series	23	BK2304 E	BK2306 E	BK2308 E	BK2310 E
	width	2264	2264	2264	2264
Dimensions mm	depth	990	1179	1379	1579
	height	1276	1276	1276	1276



KALORINA K35 chips

Electronic chips

FUELS

Wood chip

Wood pellet

Sawdust

Shavings

Wood

Olive husk

Olive stone

Minced shells

Cereals (for models BK)





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

HIGH TECHNOLOGY MODEL ALSO AVAILABLE IN COMPACT VERSION

The experience in the big heating systems has been used for one and two-family homes developing the compact design for small spaces.

You can also have an eco-friendly heating system for small spaces with the "compact" version of Kalorina K35 wood Chips, with potential of 29 kW (25000 kcal/h).

In spite of its very small size, the system offers:

Efficiency and high productivity.

Hot water through the integrated coil.

Considerable autonomy through the 340 litres hopper.

Reduced power consumption.

Modulating combustion system that considers the outside temperatures changes and adapts to the customer needs avoiding unnecessary waste.

Tele-assistance, remote management via SMS and PC.





With the addition of the "B" Kit you transform the boiler K 35 CHIPS in a BK 35 CEREALS. The auxiliary hopper complete with auger and engines is interfaced in the same panel of the boiler and allows the boiler to burn perfectly the cereals up to 80% making the most of their power calories.

Advantages:

High efficiency with low consumption.

Ideal for saw mills, farms and cottages.

Accelerated depreciation of the plant.

Kalorina		K35 CHIPS	BK35 CHIPS
Power on furnace	kW	34	34
Maximum allowable working pressure	bar	3	3
Boiler Class	EN 303-5: 1999 Clase 3		
Maximum allowable working temperature	°C	85	85
Water content	L	90	90
	width	1200	1729
Dimensions mm	depth	800	888
	height	1243	1243
	flow	1"	1"
Pipes Ø	return	1"	1"
	exp. tank	1"	1"
Chimney flue	Ø mm	150	150



KALORINA Hot air generator

Wood chip

FUELS

Wood chip

Wood pellet

Sawdust

Shavings

Wood

Olive husk

Olive stone

Minced shells





REMOTE ASSISTANCE REMOTE CONTROL REMOTE ALARMS

The boilers can be provided with Remote-assistance; on the control panel you have a USB port for PC connection.

You must have a PC with internet connection
Through the remote-assistance, if necessary, a technician can interact with your boiler and makes other settings.

THE "GREEN" SOLUTION FOR ENERGY CONSERVATION

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.

Range: from 46 to 2 MW of thermal output power.





Electro-fan



Tubes

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

Kalorina Hot air generator		K2504 E	K2506 E	K2508 E	K2510 E
Power on furnace	kW	46	69	93	115
Maximum allowable working pressure	°C	85	85	85	85
Nominal voltage	V	230	230	380	400
Nominal power	Α	11,4	14,75	13,75	13,05
Nominal frequency	Hz	50-60	50-60	50-60	50-60
Nominal power output	W	1270	1840	2240	2240
Air flow	mc	3000	4100	5600	6000
Dimensions mm	width	1900	1900	1900	1900
	depth	1345	1545	1745	1745
	return	1750	1750	1750	1750
Chimney flue	Ø mm	200	200	200	250



KALORINA Big power generator

Wood chip

FUELS

Wood chip

Wood pellet

Sawdust

Shavings

Wood

Olive husk

Olive stone

Minced shells



VERSATILITY AND TECHNOLOGY: THE FUTURE OF HEATING

The system has the advantage of exploiting eco-friendly alternative energy sources. Technology and innovation at the service of a versatile, intuitive and efficient heating system

The boilers can be automatically fed with different types of fuel (sawdust, wood chips, pellets, wheat energy), providing the required power and the optimal combustion values.

The system is designed to convert into alternative energy the production of waste, making it ideal for heating sawmills, farms, forests, farms, hotels, factories, greenhouses, public bodies.

To ensure the maximum efficiency, it is necessary to establish a local hopper for the fuel storage.

Range: from 151 KW to 2 MW of thermal output power









Electric control panel



Secondary Air fan

Details and advantages of the system:

Strong and flexible:

Modular design that requires fewer and simple assembly operations

Flexibility in installation

Facilitate assistance

Economy

Low-cost fuel

High efficiency

Universal applications

Ecological

Combustion with reduced emissions of ${\rm CO}_2$ (Combustion chamber CCS - Clean Combustion System)

High versatility of the system that allows converting the wastes into alternative and clean energy

Simple

Simple and intuitive control system through adjustment system

Minimal maintenance thanks to the device for the automatic ash removal from the combustion chamber

Intelligent:

Combustion technology that uses the intelligent electronic control unit with Low fuel and electronic sensor control

Electronic regulation that allows the system adjusting the power for the energy needs of the system, thanks to its modulating function

Innovative

Tele-assistance service, even from your PC

Possibility of managing the system via SMS with the remote control and the possibility to display the operational status (Optional)

Flexible

Wide range of devices for the extraction and the transport of the fuel

Tailor-made solutions for each client

Safe

Full security system to ensure the maximum reliability

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BIO-CONTAINER TATANO Boilers / Solar systems

BIOMASS ENERGY READY TO USE

The heated containers are the ideal cheap solution, for short-term energy needs, in case of an exhibition or a restructuring and also for longer periods in places where there is not enough space. The power of these systems ranges is from 23 kW to 1162 kW, with plug and play connection. According to the application and architectural requirements, the containers can be single, double, with one or two floors, made in compliance with all standards for the protection against the fire. The containers are ideal for municipal, industrial or construction constructions.

The container is equipped with:

Boiler room in the container

Storage Area

Extraction and transport of the fuel

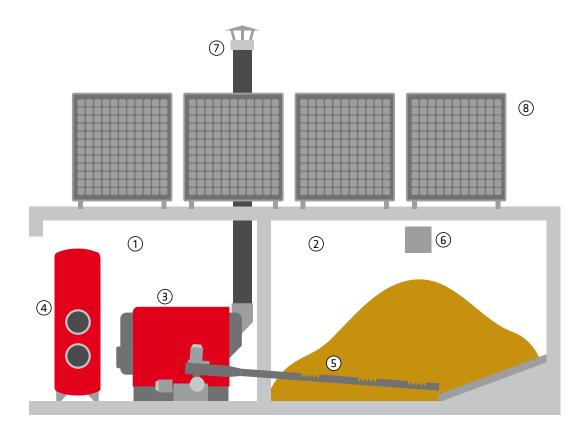
Water system (plug-and-play)

Wiring

Fireplace installation

Ventilation and exhaust

Safety devices



Advantages:

Use of low cost fuel.

Renewable fuel and lower emissions of greenhouse gas.

Easily connected to existing buildings.

Saving of space in the building to be heated (often for the lack of space it's possible to heat it with a container of heating)

Easy transport of bio-containers from a place to another.

The containers are the ideal for the contract "heat management" in emergency situations (heating services supply by Mobile Energy Service).

The solution of the container facilitates the actions of specialized staff.

Economic solution with saving of the engineering costs but maintaining the highest standards of traditional installations.

Positioning drawing of the boiler and the fuel inside the container

- 1 A boiler room
- 2 Hopper storage
- 3 Biomass boiler
- 4 Double circuit boiler
- 5 Adjustable feeder
- 6 Loading Hatch
- 7 Chimney
- 8 Solar collectors

THE SUN



INEXHAUSTIBLE ENERGY SOURCE



The Solar energy has always been the pre-eminent renewable source and has become the symbol of a different way of thinking about energy and economic development.

The energy derived from the radiation of the sun to the ground is a huge reservoir of a clean and renewable energy at low cost.

The sun, in just three hours, covers the annual energy requirements of the entire population

Today, thanks to various technologies and systems it's possible to capture and use real-time this vast and inexhaustible source of energy for heating (solar thermal) or electricity (photovoltaic).

Advantages:

Saving on production of hot water energy costs.

Improving of energy class of the house.

Possibility to integrate the system with the existing plant, extending the life of the boiler.

Significant gains in energy savings.

Adaptability to any type of building and roof.

High performance with minimal maintenance.

Reduction of pollution: air cleaner.

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Natural circulation

SIMPLICITY EFFICIENCY AND ENERGY CONSERVATION

The natural circulation solar panels function following a simple principle: optimize the capture of solar energy that reaches the Earth's surface using it to produce hot water by convective heat transfer, which allows the movement within the exchanger-panel heat system. Because of its highefficiency, it ensures the functioning even at low temperatures.

The natural circulation solar systems consist of pre-assembled components for quick and safe installation. It isn't necessary the installation of a pump or electronic controls.

The panels can be connected in parallel to provide large scale hot water

Main destination:

Users and family

The systems are pre-assembled and consist of:

Solar copper plate collector with TINO X selector that allows high power consumption and minimal emissions

The plate is welded to rectangular copper tubes containing liquid for the transfer of heat added to the system with antifreeze. The containment tank in aluminium gives to the panel strength and stability.

Reflective Tempered safety glass with micro-prism

The system has 160, 200 litre tank in enamelled steel, dual chamber, insulated with high density polyurethane foam and equipped with a magnesium anode and electrical resistance.

Mounting systems for installation on pitched roofs or flat surfaces

System Advantages:

Easy installation and fast integration to the boiler

Easy plant: getting the system with hydraulic fittings.

Easy operation: no needed installation of a circulator and electronic controls.

Reduced maintenance time

Save up to 70% of water heating energy needs.

Low thermal emission, high efficiency with low exposure to sunlight

Forced circulation

TECHNOLOGY AND FNFRGY **CONSERVATION**

The Forced circulation solar systems are high profile system solutions for hot water use in residential houses.

These are more complex Solar Systems as it concerns the equipment used and the controls, but it's possible to customize the positioning of the tank storage also for bigger dimensions.

The energy conservation of the solar system and the technology give an high efficiency of a boiler.

Main destination:

Small, medium and large rooms.

The complete system solution consists of:

Solar Collectors CS-TINOX, single tank, very high insulation, high efficiency, selective absorber Tinox.

Vertical insulated and rigid tank, double coil, complete with solar control system.

Solar controller: to manage the system, it detects, through sensors, the panel and boiler temperature, giving consent to the electric pump.

Expansion tanks, designed to withstand high temperature.

Antifreeze, non toxic, biodegradable and biocompatible liquid.

Fastening systems, for installation of collectors on the roof or flat surfaces.

System Advantages:

Greater flexibility of installation: the tank can be installed in any home environment but the panels can be placed in areas with a greater exposure to sunlight

Supply of all the necessary elements for easy installation and integration of solar system with the boiler.

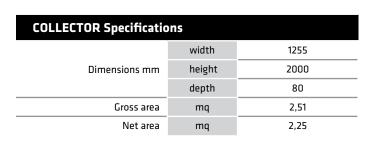
Modularity of solar systems that allows connecting two or more collectors to obtain Centralized solar systems.

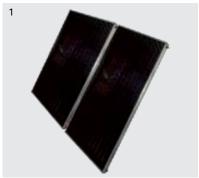
Reduced maintenance time.

Save up to 70% on energy requirements of hot water.

Low thermal emission, high efficiency even in low exposure to sunlight.

TANK Specifications		
Total water capacity	lt	16,200
Dimensions Ø	mm	540 X 1255
Safety valve	atm	6
Additional electric resistor	w	1500
Thermostat	°C	60
Maximum working temperature	°C	90
Magnesium anode Ø	mm	21 X 400
Storage tank		Steel with low carbon content
Interior protection		Vitrified
Insulation		Polyurethane free of CFC-injected with pressure of density 43 kg kg / m³
Outer casing		Stainless steel



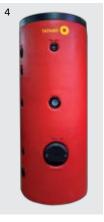


- 1 Collectors Tinox
- 2 Group of adjustment
- 3 Thermo solar box
- 4 Bolier 0252
- 5 Expansion tank hot water circ.
- 6 Expansion tank Solar circ.





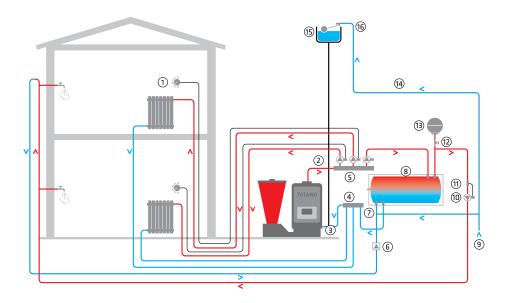








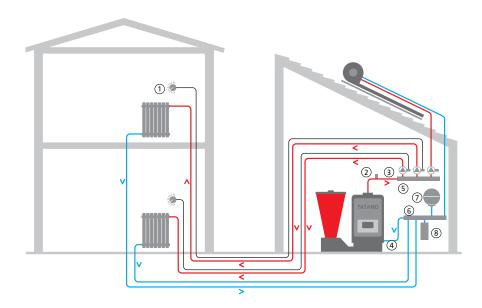
INSTALLATION DRAWINGS



Classic installation for radiators and biomass boiler for heating and water production of multi-dwelling houses

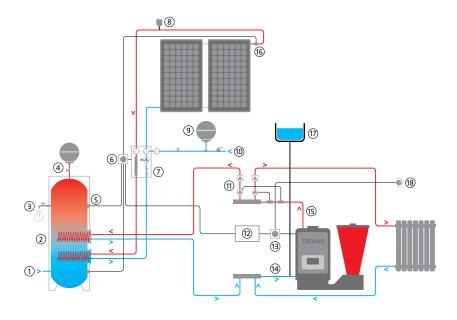
- 1 Room thermostat
- 2 Fluid flow
- 3 Return
- 4 Collector return
- 5 Collector and pumps
- 6 Non-return valve7 Cold water inputs
- 8 Horizontal tank

- 9 Cold water input from the net
- 10 Hot water circulating pump
- 11 Contact thermostat
- 12 Safety valve
- 13 Closed expansion tank
- 14 Water replenishing tubes
- 15 Open Expansion tank
- 16 Float



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

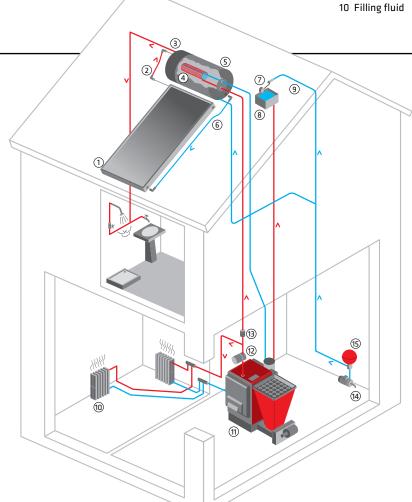
- 1 Room thermostat
- 2 Safety valve
- 3 Fluid flow
- 4 Return
- 5 Collector and pumps
- 6 Collector return
- 7 Closed expansion tank
- 8 Filling unit



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

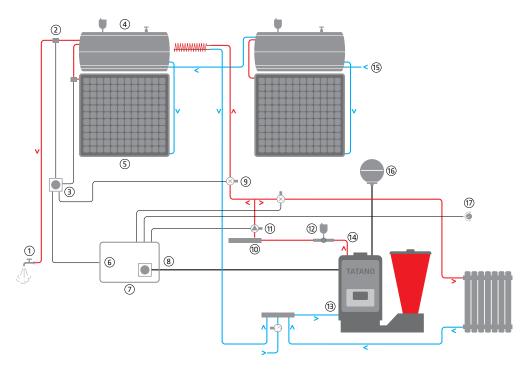
- 1 Cold water input
- 2 Lt 300 tank
- 3 Hot water output
- 4 Safety valve
- 5 Sensor
- 6 Unit
- 7 Unit Control
- 8 Air vent
- 9 Closed expansion tank

- 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 Room thermostat



Natural circulation Solar system integrated with a biomass boiler

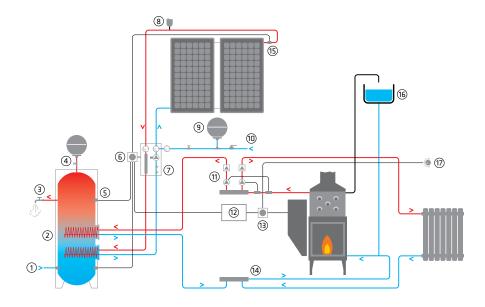
- 1 Solar Collector
- 2 Fluid flow
- 3 Hot water output
- 4 Heat transfer coil
- 5 Tank
- 6 Return
- 7 Float
- Open Expansion tank
- Water return from the water supply
- 10 Radiator
- 11 Boiler
- 12 Pump
- 13 Valve
- 14 Water from the water supply
- 15 Autoclave



Multiple natural circulation solar systems integrated with a biomass boiler

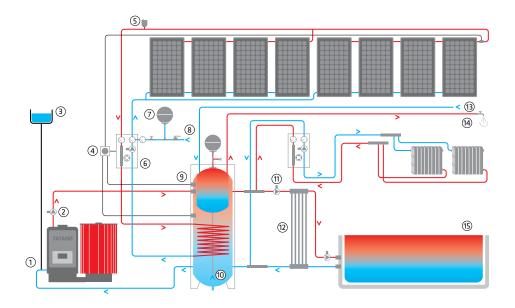
- 1 Hot water output
- 2 Probe
- 3 Solar panel
- 4 Tank
- 5 Collector
- 6 Contactor panel
- 7 Electronic panel with smoke probe and igniter
- 8 Power 220 V

- 9 Motorized valve
- 10 Collector
- 11 Pump
- 12 Vent valve
- 13 Return
- 14 Flow
- 15 Cold water input
- 16 Closed expansion tank
- 17 Room thermostat



Forced central solar system integrated with a thermo-fireplace

- 1 Cold water inlet
- 2 Lt 300 Tank
- 3 Hot water output
- 4 Security valve
- 5 Sensor
- 6 Panel
- 7 Adjusting panel
- 8 Vent valve
- 9 Closed expansion tank
- 10 Filling fluid
- 11 Collector, pump, non-return valve and sensors
- 12 Contactor unit
- 13 Fireplace control panel
- 14 Return
- 15 Sensor
- 16 Open expansion tank
- 17 Room thermostat

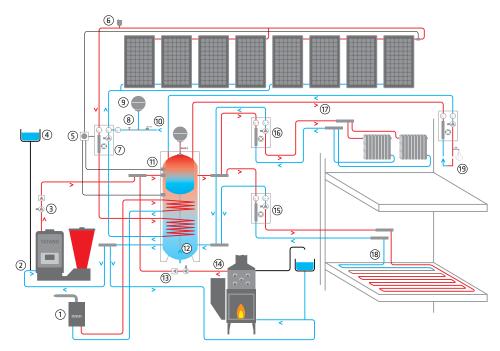


Forced central solar system integrated with a biomass boiler

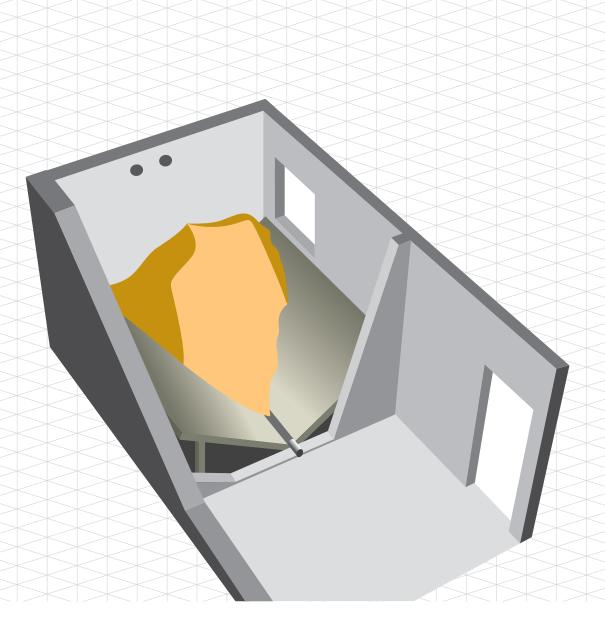
- 1 Return
- 2 Flow
- 3 Open expansion tank
- 4 Panel
- 5 Vent valve
- 6 Adjusting panel
- 7 Closed expansion tank8 Fluid fitting
- 9 Sensor
- 10 Cold water input
- 11 Pump
- 12 Heat exchanger plate
- 13 Recirculation hot water
- 14 Hot water output
- 15 Swimming-pool

Biomass boiler, thermo-fireplace and forced centralized solar system for heating and water production in synergy with gas boiler

- 1 Natural gas boiler
- 2 Return
- 3 Pump
- 4 Open Expansion tank
- 5 Panel
- 6 Vent valve
- 7 Control panel
- 8 Safety valve
- 9 Closed expansion tank
- 10 Filling fluid
- 11 Sensor
- 12 Cold water input
- 13 Non-return valve
- 14 Outlet
- 15 Mixing unit for low temperature
- 16 Mixing unit for high temperature
- 17 Hot water recirculation
- 18 Floor heating system
- 19 Hot water outlet



SYSTEMS FOR STORAGE/EXTRACTION

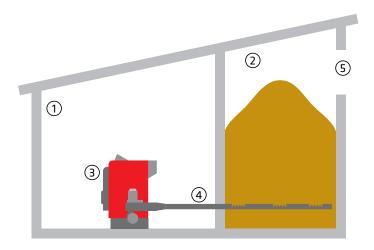


Storage for wood pellet / wood chips

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 agitator.

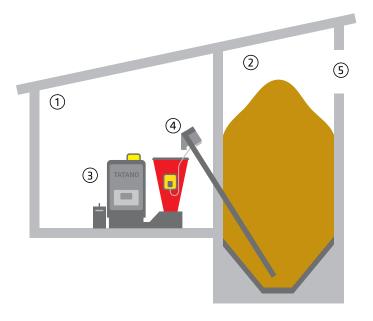
Systems for extraction



Extraction by adjustable feeder.

The storage is located near the boiler room.

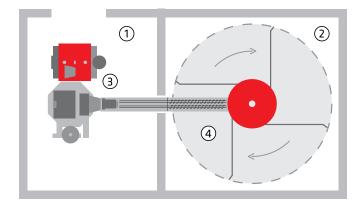
- 1 Boiler room
- 2 Fuel storage hopper
- 3 Biomass boiler
- 4 Adjustable feeder
- 5 Loading trap door



Extraction by motorized auger.

The storage is located near or below the boiler room.

- 1 Boiler room
- 2 Fuel storage hopper
- 3 Biomass boiler
- 4 Motorized auger complete with sensor for fuel level
- 5 Loading trap door



Extraction by leaf spring agitator.

The storage is located near the boiler room.

- 1 Boiler room
- 2 Fuel storage hopper
- 3 Biomass boiler
- 4 Leaf spring agitator

TATANO: QUALITY YOU CAN TRUST

All our boilers are quality products and meet international standards, European guidelines and verification.

We ensure you a better security with our warranty:

2 years warranty on all biomass boilers if respected all manufacturer's warranty conditions

Extend your warranty "each year" in case of signing a maintenance contract.

5 years warranty for the boiler body in case you respect all installation shrewdness and all applicable regulations.

Expert advice through our authorized partners:

highly specialized experts collaborate with the company TATANO for the customer service.

Service network for customer support

Our support network ensures a constant presence. A reliable customer service with highly qualified personnel.

www.tatano.it | www.tatanoassistenza.eu

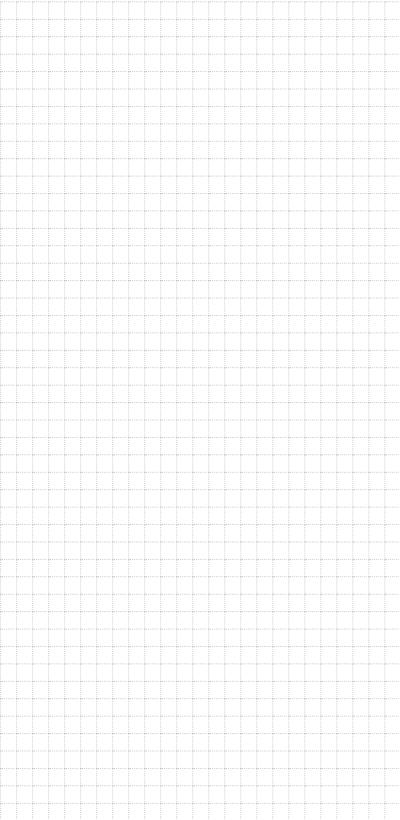












INFORMATION REQUEST FORM Name/Surname Company Town Telephone E-mail Website **Boiler model** Solution system

Date and place

Signature

CONSENT TO PERSONAL DATA PROCESSING

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I read the information above and give my consent to the processing and communication of my personal data (0. Lys 60/30/2003 n. 196). I agree to communication, dissemination and processing of my data by TATANO snc in accordance with 196/2003 rule in relation to the purposes of this contract. CONTENT: Oat an obtained from this service are retained by TATANO snc in a secure database, in accordance with the effects of the privacy 196/03 law and successive modifications and data protection, copyright L. 633/41e amended, L. Anti-Terror Law 155/05, as amended. Under Article 7 of Legislative Decree 196/2003, the person concerned is entitled to obtain from TATANO snc, upon written request, updating, rectification, integration, cancellation, transformation into anonymous form or block of data, including those that do not need to be kept for the purposes for which the data were collected or subsequently processed. The individual also has the right to object, in whole or in part, the processing of personal data for purposes of sending advertising materials or direct selling or for carrying out market surveys or commercial communication.

design technology

