

# Catalog 2026

BOILERS FOR:  
PELLET/GRANULATED COAL/WOOD (GASIFYING)/GAS/ELECTRIC

## We provide heat to your home

As boiler manufacturer, we strive to fully care for the environment  
by providing modern and proven solutions.  
Over 4200 customers have already trusted us.



# Heat from nature

Feel the difference between ordinary heating and the natural warmth of wood. Take care of your loved ones' comfort and create a home you'll always want to return to.

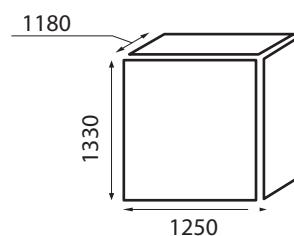


## HOLZ DUO (20/30 kW)

The Klimosz Holz DUO wood gasification boiler is a modern and environmentally friendly heating solution that ensures exceptionally low operating costs and clean, high-efficiency combustion. It uses renewable, natural fuel – seasoned firewood – making it one of the most eco-friendly heating appliances available. The boiler's design is based on many years of experience gained from the Klimosz Wally Holz models. The new version retains all their proven advantages while eliminating previous limitations, resulting in a unit that is even more efficient, durable, and user-friendly. An optional 12 kW pellet add-on unit serves as a functional complement to the wood gasification boiler, providing automatic reheating of the buffer tank once the solid fuel has burned out. Every wood gasification version of the boiler can be retrofitted with the pellet add-on unit at any time. The appliance is available in two output variants: 20 kW and 30 kW, allowing it to be matched to different heating system requirements.



Size of the boiler along with the storage tank(mm)



HOLZ DUO		20	30
Nominal power	kW	20	30
ERP Class	-	A+	A+
Efficiency	%	91	92
Gasification chamber volume	dm <sup>3</sup>	110	110
Loading door	Height / Width [mm]	280/450	280/450
Maximum length of logs	cm	58	58
Fuel consumption for nominal power*	kg/h	4	6
Nominal Power of the Pellet Module	kW	12	12
Pellet Fuel tank Capacity	dm <sup>3</sup>	55	55

\* Assuming a wood calorific value of 19.5 MJ/kg.



#### Gasification and afterburning

Wood gasification technology utilizes the pyrolysis process, which allows significantly more energy to be extracted from a single fuel load compared to traditional boilers. Combined with a ceramic afterburner nozzle, which improves the combustion of wood gases and reduces particulate emissions, the boiler achieves higher efficiency, cleaner flue gases, and lower wood consumption.



#### Short flue gas circulation channel

When refueling, the gases produced are immediately directed to the fast flue gas evacuation channel. This ensures that loading is safe and does not cause smoke emissions.



#### Large fuel loading chamber

The combustion chamber can accommodate logs up to 60 cm in length, allowing for less frequent refueling and extended operation on a single load. This provides greater comfort and reduces daily maintenance.



#### Adjustable flue collar

The flue gas collar, adjustable in all directions, is a patented solution that simplifies connecting the boiler to the chimney and eliminates flue gas flow resistance, improving safety and resulting in real heating cost savings.



#### Inspection windows

Practical inspection windows allow for quick monitoring of the gasification process in the loading chamber and combustion in the gasification chamber, making it easier to adjust the boiler without the need to shut it down.



#### Exhaust fan

The exhaust fan stabilizes the combustion process regardless of chimney parameters (height, draft strength). This ensures the boiler operates reliably and consistently under all conditions.



#### Advanced controller

The modern control system monitors both the boiler temperature and the flue gas temperature. If the parameters deviate from the set values, the controller safely shuts down the boiler, protecting the system from cooling and excessive fuel consumption.

#### Durable Heat Exchanger

The heat exchanger in Klimosz HOLZ DUO series boilers is made from the highest quality P265GH boiler steel. Using this material ensures high strength, increased corrosion resistance, and retention of elasticity at high temperatures.

#### Mechanical Tube Cleaning System

A practical cleaning lever allows for quick and convenient removal of deposits from the heat exchanger, significantly reducing maintenance time. This system prevents soot buildup on the heat exchanger tubes, ensuring high efficiency and optimal heat transfer throughout the season. Additionally, the tubes are designed at a slight angle, which further improves the effectiveness of mechanical cleaning.



#### Pellet add-on unit

The 12 kW pellet add-on unit is the ideal complement to a wood gasification boiler, providing automatic reheating of the buffer tank once the firewood has burned out. A compact 55 L hopper positioned above the heat exchanger, combined with drop-feed fuel delivery, helps save space in the boiler room. A heat-resistant grate with an automatic cleaning function ensures trouble-free operation, while an inspection window in the hopper allows for quick pellet level checks. The simple design facilitates easy cleaning of the heat exchanger. The add-on unit delivers heating comfort when firewood is unavailable or during the user's absence. It is a reliable support system that guarantees uninterrupted heating without the need for constant boiler supervision.

#### Use the boiler's full power

To ensure efficient heating, continuous heat extraction is essential. This can be achieved using a buffer tank (recommended capacity: 999 liters) and a pump group such as the LADDOMAT 21-60. Under these conditions, firing with gasified wood becomes highly efficient and cost-effective. The buffer system stabilizes boiler operation and maximizes fuel use, reducing consumption and emissions. Combined with the HOLZ DUO boiler, it creates an environmentally friendly and economical heating system, providing consistent warmth and comfort while minimizing maintenance. Each log delivers maximum energy, translating into real savings and a sustainable way of heating your home.



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# Heat in your home

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Start building your family's future today!

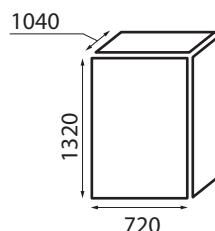


## WALLY HOLZ (25 kW)

Gasifying wood WALLY HOLZ 25 kW boilers are an eco-friendly heating source that will provide you with low operating costs. Gasification of wood is one of the cleanest ways to obtain energy for building heating. By using this technology, you can be sure that the boiler will meet the highest national standards and regulations. An important feature of the WALLY HOLZ 25 series boilers is their efficiency, up to 89%. This achievement is possible thanks to the use of a steel heat exchanger lined with ceramics, which has a high level of heat recovery. The efficiency is also ensured by a controller that monitors the combustion process at each stage. The WALLY HOLZ series combines innovative technology with a concern for the environment.



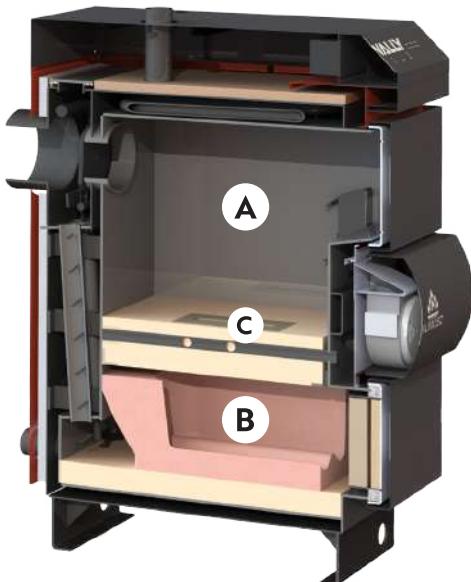
Size of the boiler along with the storage tank (mm)



Power regulation range	kW	25
ERP class		A+
Efficiency	%	89
Gasification chamber volume	dm <sup>3</sup>	120
Loading door	mm	260 x 432
Fuel burning time	h	7 - 12
Maximum length of logs	mm	500
Fuel consumption for nominal power	kg/h	8,2

### Spacious loading chamber

We have applied an exceptionally spacious loading chamber in the boilers of this series. This solution provides longer combustion time with one load of fuel. For the user this means significantly fewer visits to the boiler room to refuel.



### The wood gasification process

The combustion takes place in two stages: in the upper chamber (A), the wood is gasified, and then the wood gas is injected through the nozzle (C) into the lower combustion chamber (B). Seasoned wood with a moisture content of no more than 20% is used for heating.

### Durable heat exchanger

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

### Klimosz warranty

We are confident in the quality of our boilers and the durability of the materials used. Highest quality materials and production guarantee a complete 3-year warranty on the leakproofness of the heat exchanger. The terms are available in the boiler's manual.

### High quality at an affordable price

To find an economical solution for your boiler room, you don't have to compromise on quality. The environmentally friendly WALLY HOLZ boiler, made of the best materials, is available at an affordable price.

### Cleaning with spiral economizers

WALLY HOLZ boilers come standard with spiral economizers, which are responsible for the mechanical cleaning of the heat exchanger. This means that you don't have to clean it yourself. It's a technology that saves your time!

### Quality - the result of experience

Thanks to many years of our experience combined with a constant drive for technology improvement, we can offer our customers durable, reliable products. We use only proven components and parts. Additionally, we always conduct a thorough quality control before delivering the boiler to the customer.

### Ceramics inside the boiler

Ceramic plates are essential during combustion and gasification. They protect the steel parts of the body, ensure the proper course of processes, and also act as a catalyst for exhaust gases.



### Use the full power of the boiler

To ensure the heating process runs smoothly, a continuous heat demand is required. This can be ensured by using a buffer tank (recommended capacity of 1000 litres) and a LADDOMAT 21-60 pump group. With these conditions met, heating with gasified wood will be efficient and exceptionally cheap.



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Modern and eco-friendly coal stove compliant with Ecodesign!



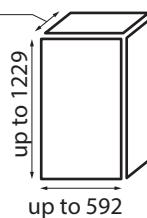
## Iron X (10-15-20 kW)

The KLIMOSZ IRON X series consists of eco-friendly bottom-burning boilers compliant with Ecodesign standards. IRON X represents a solid and refined design crafted from the highest quality materials. Boilers in this series feature a particularly well-thought-out construction, including a spacious combustion chamber, a quick-ignition system, a movable grate, a ceramic combustion chamber with multipoint secondary air delivery, three expansion chambers that eliminate dust, and angled doors for easier handling. Available in power outputs of 10, 15, and 20 kW.



Size of the boiler with the storage (mm)

from 1579 to 1708



Iron X	10	15	20
Primary fuel	-	coal	
ErP energy efficiency	-	B	B
Power regulation range	kW	10,2	15,3
Efficiency	%	90,6	90,4
Weight	kg	320	340
Loading opening (height x width)	mm	270 x 310	270 x 310
Combustion chamber volume	dm <sup>3</sup>	42,7	46,1
			51,6

### Fewer harmful emissions

The bottom-burning boiler allows for comfortable fuel reloading without smoke—combustion occurs gradually in the ceramic combustion chamber, with dust separation happening in three expansion chambers. This results in cleaner and much more environmentally friendly combustion compared to „top-burning” boilers.

### A reliable boiler for many years

IRON X boilers are made from the highest quality boiler steel, P265GH. Using this material ensures high durability, increased corrosion resistance, and elasticity at high temperatures.

### Multipoint secondary air supply

The boiler is equipped with additional channels that enable better oxygen access for the full combustion process. This leads to better burning of volatile fuel particles and reduced emissions of pollutants.

### Warranty

The highest quality materials and craftsmanship allow us to offer a full 3-year warranty on the heat exchanger's tightness. Warranty details are available in the boiler's technical documentation.

### Experience - a guarantee of quality

With years of experience and proven technical solutions, we can guarantee that every component of the boiler meets the highest quality standards. We continuously improve our products, subjecting them to rigorous controls.

### Quick ignition system

The boiler has a lever for short-circuiting flue gases, which significantly facilitates and speeds up ignition. After ignition, you need to switch the lever back to the long flue gas circuit.

### Heat exchanger

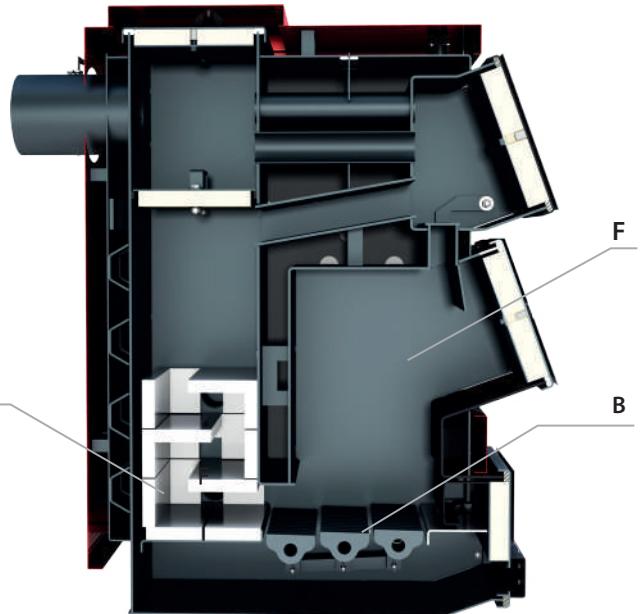
The modern flame-tube-convection heat exchanger with ceramic elements is made from the highest quality boiler steel. It ensures high thermal efficiency and minimal fuel consumption. It is also easy to clean.

### Movable grate

Thanks to its simple and proven design, the entire mechanism is reliable. Periodically shifting the grate helps clear ash from the boiler and intensifies the combustion process.

### Loading chamber

The 27 x 31 cm loading opening, set at a favorable angle, guarantees easy and convenient fuel filling. Additionally, the boiler achieves long-lasting burn times thanks to its well-designed combustion chamber measuring 50.2 x 27-32 cm.



A - Quick ignition system.

B - Movable grate.

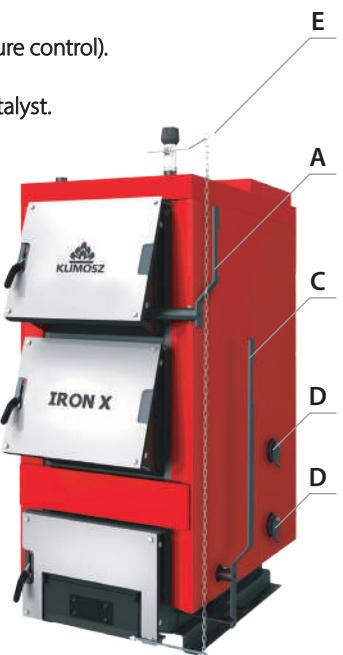
C - Movable grate lever.

D - Multipoint secondary air supply.

E - Draft regulator (heating temperature control).

F - Loading chamber.

G - Ceramic combustion chamber/catalyst.



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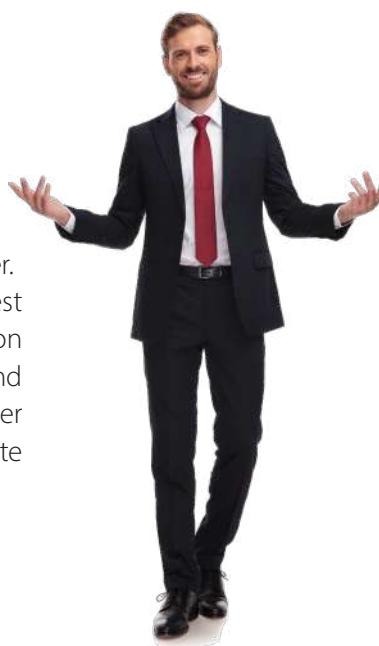


# Ecological home heating

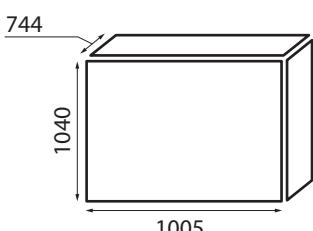
Are you building a new home for your family? Ensure a safe future and choose a modern, ecological, and economically viable heating system - KLIMOSZ pellet boiler, made in Poland.

## FRONTAL (12-35 kW)

Frontal is the latest series of boilers with a pellet burner. It is characterized by a compact design and the highest efficiency exceeding 93% and the lowest dust emission below 10 mg/m<sup>3</sup> (model 18 kW). Highly efficient and economical Frontal boilers are equipped with weather automation as standard, providing you with complete comfort of using.



Size of the boiler with the storage tank (mm)



FRONTAL	12	15	18	20	25	30	35
Primary fuel	-	wooden pellets, granulation 6mm (in accordance with PN- EN 303-5:2021-09)					
ErP energy efficiency	-	A+	A+	A+	A+	A+	A+
Power regulation range	kW	3-12	3-15	5-18	5-20	7-25	8-30
Efficiency	%	93,22	93,51	93,80	91,60	90,69	91,27
Possibility of installation in a closed circuit		✓	✓	✓	✓	✓	✓
Fuel tank capacity*	dm <sup>3</sup>	100/ 310/900	100/ 310/900	100/ 310/900	130/ 310/900	130/ 310/900	130/ 310/900

\*The standard hopper is 100/130 L in the tower version and 310 L in other versions.

### Boiler adapted to a hybrid heating system

Achieve maximum efficiency and low-emission combustion parameters using a 200-300 l buffer tank from KLIMOSZ adapted to an installation with a monoblock heat pump.

### Convenient operation and savings

We have significantly improved the ergonomics of using and operating the boiler by installing the burner in the combustion chamber door with the possibility of opening in both directions. The modern pellet burner equipped with a double cleaning system makes daily use as comfortable as of a gas boiler. The burner ensures the highest combustion efficiency - up to 99%. Thanks to this, you will significantly reduce fuel costs.



### Easy connection to the chimney

The universal rear flue box is a solution patented by KLIMOSZ. Thanks to it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney components and long exhaust ducts means reducing installation costs. This solution also improves safety and efficiency.

### New! Pellet Hopper Extension

Replace your standard pellet hopper with a modern 60 L extension, mounted directly on the boiler! Save valuable space in your boiler room, achieve a sleek and modern look for your installation, and benefit from a thoughtfully designed structure that ensures easy service access. This innovative solution combines functionality with elegance, perfectly meeting the needs of contemporary interiors.



### Significantly shorter installation time

Arrangement of the connections on both sides of the boiler to central heating and domestic hot water simplifies assembly and reduces assembly costs.

### A reliable boiler for many years

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

### Efficiency thanks to ceramic plates

The vertically-horizontal boiler heat exchanger equipped with ceramic catalysts allows for maximum heat absorption from exhaust. They extend the flow of exhaust in the exchanger and additionally act as a catalyst for exhaust, taking care of the environment and your health.

### Automatic ignition and extinguishing

After setting the program, the controller automatically ignites or extinguishes the boiler depending on the heating demand. Controllers with a WiFi module allow to control the boiler remotely and monitor the installation state. All you need is a smartphone or a web browser to check the boiler status from anywhere.

### Extended warranty

Highest quality materials and production guarantee a complete 5-year warranty on the leakproofness of the heat exchanger. The terms are available in the boiler's manual.

### Feel safe

FRONTAL series boilers operate safely even when you are not at home. The devices are equipped with a burner temperature sensor that, if necessary, initiates the removal of embers and fuel from the supply system. The feeder pipe of the SPIRO type has been made of a special fusible material, which guarantees full protection even in the event of a power failure.

### Experience - a guarantee of quality

The construction of the boilers is the result of our many years of experience and quality control checks. We use only proven materials and technologies, such as igniters made of a fire-resistant metal alloy, which is much more durable than commonly used ceramic igniters.



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# Ecological home heating

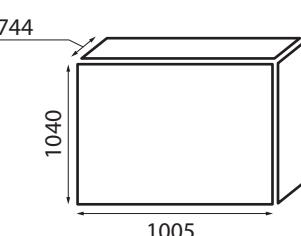
Are you building a new home for your family? Ensure a safe future and choose a modern, ecological, and economically viable heating system - KLIMOSZ pellet boiler, made in Poland.

## MINIPELET (9-25 kW)

MINIPELET is the latest series of boilers with a pellet burner, recommended for modern, energy-efficient family houses. Its compact design is suitable mainly for small boiler rooms. Additional space can be saved by installing the pump group inside the boiler body - as a result, there is no need to plan an external heating installation! Highly efficient and economical, MINIPELET boilers are equipped with weather automation as standard, providing you with complete comfort of using.



Size of the boiler including the storage tank (mm)



Primary fuel	-	wooden pellets, granulation 6mm (in accordance with PN-EN 303-5:2012)				
ErP energy efficiency	-	A+	A+	A+	A+	A+
Power adjustment range	kW	2,6 - 9	3,3 - 12	4,5 - 15,2	5,4 - 18,1	6,11 - 20,65
Efficiency	%	91,8	91,5	91,4	92,1	91,24
Possibility of installation in a closed circuit		✓	✓	✓	✓	✓
Fuel tank capacity	dm <sup>3</sup>	Without extension - 106, with extension - 256.				



#### Pellet Burner

The modern pellet burner ensures the highest combustion efficiency - up to 99%. This significantly reduces heating costs. The burner is also equipped with a dual cleaning system (blowing and mechanical - with a movable grate as a standard). This means that using the pellet boiler is just as comfortable as using a gas one.



#### Automatic turning on and off of the boiler

After setting the program, the controller automatically turns the boiler on or off depending on the heating demand. Controllers with a WiFi module allow to control the boiler remotely and monitor the installation state. All you need is a smartphone or a web browser to check the boiler status from anywhere.



#### Option

An optional extension increases the fuel hopper capacity from 100 to 250 dm<sup>3</sup>.



#### New! Pump group for the MINIPELET series

The latest boilers can be purchased with a factory-installed pump group, which greatly facilitates installation. Pressure-controlled components include Grundfos pumps, mixing valve, ESBE actuator, safety groups with DBV-1 valve, and a 12L expansion tank. This is the latest technology that streamlines installation work.

#### A reliable boiler for many years

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

#### Klimosz company warranty

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

#### Automatic ignition and extinguishing

Pellet burner operation is easy and comfortable. The boiler automatically ignites and extinguishes without the user's interference. If the heat is not currently needed, the boiler does not start up. As a result, you save fuel and take care of the natural environment!

#### Innovative ceramic inside the boiler

The boilers are equipped with special ceramic plates that serve as catalysts for exhaust fumes. Thanks to their proper distribution, they extend the exhaust flow path and significantly increase the boiler's efficiency. As a result, harmful substance emissions are reduced.

#### Easier and faster installation

Under the body of the boiler, there is a convenient space for equipment, that allows connecting the central heating installation from above or from the right side. Additionally, the hot water installation have been led out from the back of the boiler. This solution makes device installation trouble-free.

#### Highest level of safety

The innovative solutions used in the MINIPELET boiler construction translate into reliability and work safety. The feeder pipe of the SPIRO type has been made of a special fusible material, which guarantees full protection even in the event of a power failure. The temperature sensor responds to excessive heat increase, initiating the removal of heat and fuel from the feeding system.

#### Guaranteed reliability

Klimosz boilers are made on the basis of solutions proven in practice, using the highest quality materials. Each boiler undergoes detailed inspection before being handed over for use. We also continuously improve our production technology. We have introduced an innovative igniter made of a burn-resistant metal alloy, which is more durable than ceramic counterparts.



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# Heat in your home

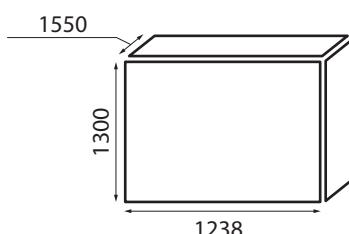
Do you want to spend as many warm moments as possible with those you love? Start building the future of your family today!



## UNIPELET S (19 kW)

The UNIPELET S boiler is a device worth choosing due to its exceptional durability and versatile application. Its greatest advantage is the boiler exchanger made of the highest quality Italian cast iron with a wall thickness of up to 12 mm. This exceptionally durable element allows the boiler to have a very long estimated lifespan of up to 25 years. The reliable burner ensures maximum pellet combustion efficiency, which can significantly reduce fuel costs. The UNIPELET S boiler is a compact solution for any, even small space. Its height is only 110 cm, and the fuel tank can be placed in almost any position relative to the boiler.

Size of the boiler with the storage tank (mm)



Primary fuel	-	wooden pellets, 6 mm granulation (in accordance with PN-EN 303-5:2012 standard)
ErP energy efficiency	-	A+
Power control range	kW	5,2 - 19
Efficiency	%	88,3
Possibility of installation in a closed circuit		✓
Fuel tank capacity	dm <sup>3</sup>	310 / 900 / 1700 - depending on the selected version



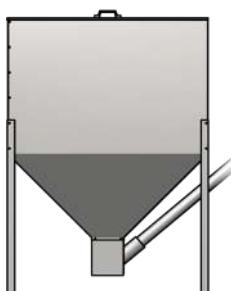
#### Maximum combustion efficiency

Thanks to the modern pellet burner with a 99% efficiency, the boiler reaches very high combustion efficiency. The automatic blowing and mechanical system ensures the cleanliness of the burner. All of this makes using the UNIPELET S boiler as convenient as using gas boiler.



#### Automatic operation

After setting the program, the controller automatically turns the boiler on or off depending on the heating demand. This reduces the need for visits to the boiler room. It is also a way to reduce fuel costs - if heating is not needed, the boiler remains completely off. With the COMFORT weather controller, you can control two heating zones, hot water pump, circulation pump, 2 room thermostats, and an outdoor temperature sensor.



#### Possibility of purchasing a boiler with an optional 900 or even 1700 l fuel tank

The exceptionally large capacity of optional tanks provides high comfort and an exceptionally long boiler operating time on one fuel load.

#### Choose a product for years

UNIPELET S is a cast iron boiler distinguished from steel boilers by significantly greater durability and longer lifespan. Cast iron is resistant to water and chemical corrosion, as well as harmful nitrogen and sulfur compounds. It is made of Italian cast iron with a thickness of up to 12 mm - the highest value among boilers on the Polish market.

#### Quality confirmed by a warranty

As one of the few companies on the market, we provide a full 10-year warranty for the leakproofness of the exchanger. This is the best confirmation of the quality of our products. Detailed conditions can be found in the boiler's manual.

#### Multitube exchanger

High thermal efficiency combines with low fuel consumption. In the UniPelet S boiler, significant heat recovery from combustion occurs above the cast iron grate. The traditional combustion chamber has been equipped with a specialized pellet burner and ceramic plates that burn dust and improve emissions. The dense cast iron radiator in the upper part of the exchanger ensures maximum heat recovery from the exhaust.

#### Ideal for a small boiler room

The compact UNIPELET S boiler is perfect for small boiler rooms. It is much smaller than hopper boilers. The heat exchanger can be cleaned from the front, so there is no need to leave space in the upper part of the boiler.

#### Safety at the highest level

UNIPELET S boilers are equipped with a series of solutions that increase safety. The burner temperature sensor initiates the ejection of embers and fuel from the feeding system if the temperature is too high. Thanks to the SPIRO feeder pipe made of a special fusible material, the system is safe even in the event of a power outage.

#### Only the best materials

We provide you with a product that is the result of our many years of experience and continuous search for optimal solutions. In the UNIPELET S boiler burner, we used, among others, an ignition made of a blend of metals resistant to burnout, much more durable than ceramic ignitions. This is an example of our use of innovative technologies that affect the quality of boilers and their components.



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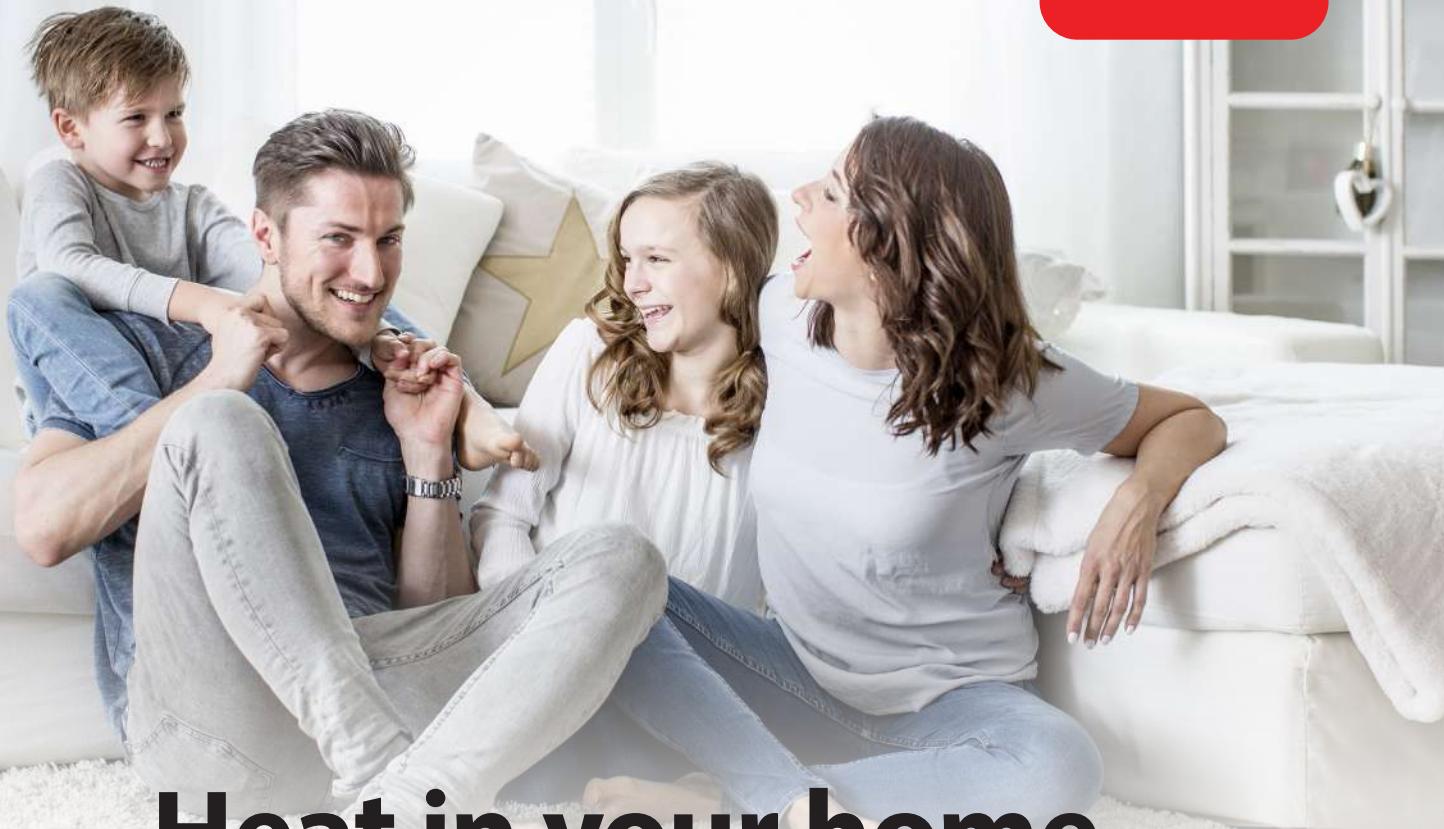
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KLIMOSZ



# Heat in your home

Nothing connects a family like a warm home on cold days. When my grandfather built the house, he passed on this truth to my dad, who shared it with me. Today, it's my turn to take care of my family!

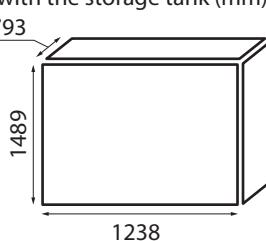


## COMBI PELLET S

Durable, reliable, and environmentally friendly heating boilers, designed for long-term operation. Thanks to the use of high-quality materials and components, they are distinguished by an extended service life of up to 25 years. The heat exchanger is made of Italian cast iron with wall thicknesses of up to 12 mm, ensuring high durability and excellent thermal performance. Efficient and stable combustion is provided by our in-house manufactured pellet burner, which guarantees high efficiency and low emissions. COMBI PELLET S boilers are designed to burn pellets as the primary fuel and meet the stringent requirements of the Ecodesign standard. The boiler design has been optimized for high thermal efficiency and effective heat recovery from flue gases, reducing fuel consumption and lowering heating costs.



Size of the boiler along with the storage tank (mm)



	COMBI PELLET S20	COMBI PELLET S25	COMBI PELLET S30
Energy class ERP	-	A+	A+
Primary fuel	-	wood pellets, 6 mm pellet size (compliant with PN-EN 303-5:2021)	
Efficiency [%]	%	>90	>90
Power modulation range	kW	5-20	7-25
Fuel tank capacity	dm <sup>3</sup>	310/900/1700	310/900/1700

\*Standard equipment includes a 310-liter fuel tank



### Burner

The boiler is equipped with a modern Kliomsz pellet burner, designed for high efficiency, reliability, and user comfort. Its modular construction significantly simplifies daily

operation, maintenance, and servicing, reducing downtime and lowering operating costs. The burner features a movable grate with an automatic cleaning function, ensuring a stable and efficient combustion process for wood pellets of varying quality, while minimizing the risk of clinkering and ash buildup. It is constructed from high-quality materials, including heat-resistant and acid-resistant steel, guaranteeing long service life, resistance to high temperatures, and durability under demanding conditions. The burner is equipped with primary and secondary air zones, providing optimal combustion conditions, very low emissions, and high overall system efficiency. Advanced control and drive components consume minimal electrical energy, making the burner an ecological, economical, and environmentally friendly solution.

### Controllers

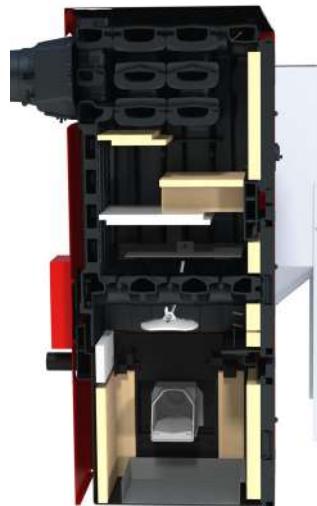
We prioritize making our boilers simple to operate and tailored to users' needs. Ignition and shutdown occur automatically based on room temperature, reducing trips to the boiler room and lowering fuel consumption — when heating is not required, the boiler remains off. The KOMFORT weather-compensated controller allows management of two heating zones, a domestic hot water pump, a circulation pump, two room thermostats, and an outdoor temperature sensor. An alternative controller, the ESTYMA IGNEO SLIM, is also available.



### Kliomsz Warranty

Our COMBI PELLET S series boilers come with one of the longest warranties on the market. Thanks to our experience and specialized expertise, we offer up to 10 years of warranty on the heat exchanger's tightness. Detailed warranty terms can be found in the boiler's technical documentation (DTR).

### Multi-pass heat exchanger made of Italian cast iron



In our COMBI PELLET S boilers, significant heat recovery from combustion takes place in the cast iron grate. The traditional combustion chamber is equipped with ceramic plates that further burn off dust particles and improve emissions. A dense cast iron radiator at the top of the heat exchanger ensures maximum heat recovery from flue gases. A cast iron boiler offers far greater durability compared to a steel one. The boiler body is made from special boiler-grade cast iron with wall thicknesses of up to 12 mm. This material is resistant to adverse factors, including water and chemical corrosion, as well as harmful compounds such as phosphorus, sulfur, and carbon.

### Reliability and Safety

COMBI PELLET S series boilers operate safely even when you are not at home. The units are equipped with a burner temperature sensor, which, if necessary, triggers the ejection of embers and fuel from the feeding system. The SPIRO-type feed pipe is made of a fusible material, providing protection even in the event of a power outage.

### Guaranteed Highest Quality

Every component of our boilers is selected based on our many years of experience. We use only materials and parts we can trust. Additionally, each product undergoes rigorous quality control. This ensures that you receive a boiler that will serve you reliably for many years.

### Automatic Boiler Start and Shutdown

Once programmed, the controller automatically turns the boiler on or off depending on the heating demand. Controllers with a WiFi module allow you to operate the boiler and monitor the system remotely. All you need is a smartphone or web browser to check the boiler's status from anywhere.



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KLIOMSZ



# Warmth in your home

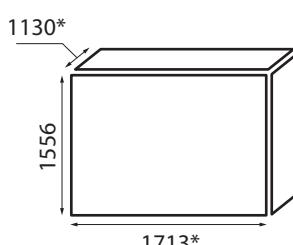
Are you building a new home for your family? Take care of a safe future and choose a modern, eco-friendly, and cost-effective heating system – a pellet boiler from the Polish brand KLIMOSZ.

## LE/EKO (10 - 35 kW)

Boilers from the LE series with a pellet burner are based on the proven Klimosz DUO PELET model. Special attention should be paid to the heat exchanger. It is made of top-quality P265GH boiler steel and features a greater number of water shelves compared to its predecessors. Thanks to this, it offers an exceptionally large heat-exchange surface, which directly translates into high boiler efficiency and lower fuel consumption. You can enjoy warmth in your home while simultaneously reducing heating costs! The burner is perfectly adapted for pellet combustion (with an efficiency of 99%), easy to operate, and highly reliable.



Boiler dimensions including the hopper (mm)



\*Depending on the hopper configuration

SERIA LE 10-35 kW (EKO)	LE 10	LE 15	LE 20	LE 25	LE 30	LE 35
Primary fuel	-	wooden pellets, granulation 6mm (in accordance with PN- EN 303-5:2021-09)				
ErP energy efficiency	-	A+	A+	A+	A+	A+
Power regulation range	kW	3 - 10	3 - 15	6 - 20	7 - 25	9 - 30
Efficiency	%	91,3	92,9	92,9	92,7	92,6
Possibility of installation in a closed circuit		✓	✓	✓	✓	✓
Fuel tank capacity		310	310	310	310	310



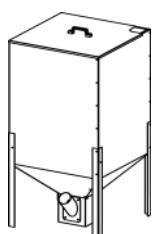
### Burner

The LE PELET boiler is equipped with a modern burner with a modular design, which simplifies installation and maintenance. Thanks to a movable grate with a self-cleaning function, it efficiently burns wood pellets of varying quality. Made from top-class materials such as heat-resistant and acid-resistant steel, it ensures reliability and durability. Automation of ignition, combustion, and shutdown processes guarantees ease of use, while power modulation allows for economical fuel consumption. Low emissions and minimal energy consumption make it an environmentally friendly and efficient heating solution.



### Boiler control

Once the program is set, the controller automatically turns the boiler on or off depending on the heat demand. Controllers with a WiFi module allow you to remotely control the boiler and monitor the system's operation. All you need is a smartphone or a web browser to check the boiler's status from anywhere. The LE series boilers are available with KOMFORT RT-16 or ESTYMA IGNEO SLIM controllers.



### Fuel tank

The standard boiler comes with a 310 L fuel tank but if needed, we offer the option to purchase a boiler with a 900 L or 1700 L fuel tank. The fuel tank can be positioned on any side of the boiler within the reach of the pellet feeder.



### Easy chimney connection

The universal flue outlet is a solution patented by Klimosz. It allows you to easily connect the boiler to any chimney, regardless of its position. Reducing the number of chimney fittings and long flue pipes lowers installation costs. This solution also improves safety and operational efficiency.

### High heat recovery efficiency

LE series boilers have an exceptionally large active heat exchanger surface (for the LE 20, it is 3.6 m<sup>2</sup>), allowing them to recover significantly more heat. This directly impacts fuel consumption and operating costs. This way, you save on heating fuel!

### Reliable boiler for many years

Boilers in this series are made from top-quality P265GH boiler steel. Using this material ensures high durability, increased corrosion resistance, and maintains elasticity at high temperatures.

### Shelf-flame heat exchanger

LE series boilers feature a shelf-flame heat exchanger. It provides high thermal efficiency and minimal fuel consumption. It is also easy to clean.

### Efficient thanks to ceramic plates

The boilers are equipped with ceramic/refractory concrete plates, which improve boiler efficiency. They extend the flue gas flow in the exchanger and additionally act as a catalyst for flue gases, benefiting both the environment and your health.

### Peace of mind regarding safety

LE series boilers operate safely even when you are not at home. The devices are equipped with a burner temperature sensor, which, if necessary, ejects embers and fuel from the feeding system. The SPIRO-type feeder tube is made from a fusible material, providing protection even if the power supply is cut off.

### Extended warranty

Top-quality materials and workmanship allow us to provide a full 5-year warranty on the heat exchanger's tightness. Warranty details are available in the boiler's technical documentation.

### Experience – a guarantee of quality

The boiler design is the result of many years of experience and thorough quality control. We use only proven materials and technologies. For example, the igniters are made from a burn-resistant metal alloy, far more durable than commonly used ceramics.

### Significantly shorter installation time

The boiler features connection nozzles on both sides. This allows you to connect the central heating system to the nearest nozzle, reducing the number of fittings and pipes required.

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# Heat in your home

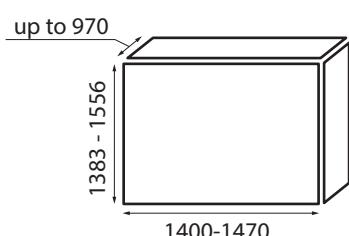
Are you building a new home for your family? Ensure a secure future and choose a modern, eco-friendly, and economically efficient heating system - the KLIMOSZ pellet stove, made in Poland.

## LE PELET/NG (10-40 kW)

The LE series boilers with a pellet burner are based on the proven Klimosz DUO PELET model. The most important feature to note is the boiler's heat exchanger. The exchanger is made of the highest quality P265GH boiler steel, and has a greater number of water shelves than its predecessors. This results in an exceptionally large heat exchange surface, which directly translates into high boiler efficiency and lower fuel consumption. You can enjoy warmth in your home while reducing fuel costs! The boiler burner is perfectly adapted to burn pellets, and is easy to use and reliable.



Size of the boiler with the storage tank (mm)



LE PELET NG	LE 10	LE 15	LE 20	LE 25	LE 30	LE 35	LE 40
Primary fuel	-	wooden pellets, granulation 6 mm (in accordance with PN-EN 303-5:2012)					
ErP energy efficiency	-	A+	A+	A+	A+	A+	A+
Power regulation range	kW	3 - 10	3,2 - 11,4	6 - 22	7,45-26,35	8,9 - 30,7	10,2-35,75
Efficiency	%	89,2	88,89	90,2	90,3	91	89
Possibility of installation in a closed system		✓	✓	✓	✓	✓	✓
Fuel tank capacity		310	310	310	310	310	310



#### Burner

The modern pellet burner ensures the highest combustion efficiency - up to 99%. This significantly reduces heating costs. The burner is also equipped with a dual cleaning system (blowing and mechanical - with a movable grate as a standard). This means that using the pellet boiler is just as comfortable as using a gas one.



#### Automatic boiler activation and deactivation

After setting the program, the controller automatically turns the boiler on or off based on the heat demand. Controllers with a WiFi module allow remote control of the boiler and monitoring of the system's operation. All you need is a smartphone or web browser to check the boiler status from anywhere.



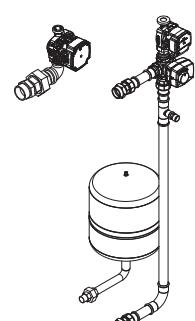
#### Integrated boiler fuel tank

Thanks to the built-in construction, NG boilers look aesthetically pleasing and provide space-saving in the boiler room. As standard, the boiler has a 310-litre fuel tank with a comfortable closing system and a window for fuel level control. The boiler is available in left/right version (tank on the left/right).



#### Easy connection to the chimney

The universal rear flue box outlet is a solution patented by Klimosz Company. Thanks to it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney fittings and long flue pipes reduces installation costs. This solution also improves safety and efficiency.



#### New! Pump group for LE/LE PELET series

The latest boilers can be purchased with a factory-installed pump group, which greatly facilitates installation. Pressure-controlled components include Grundfos pumps, mixing valve, ESBE actuator, safety groups with DBV-1 valve, and a 18 l expansion tank! The pump group for the LE series is only compatible with models 10/15/20/25.

#### High heat recovery efficiency

LE series boilers have an exceptionally large active surface area of the exchanger (in the case of LE 20, it is 3.6 m<sup>2</sup>), allowing them to recover a significant amount of heat. This has a direct impact on fuel consumption and operating costs. This way, you save on fuel!

#### A reliable boiler for many years

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

#### Fire tube combined with shelves heat exchanger

In the LE series boilers, we have implemented a fire tube combined with shelves heat exchanger. It provides high thermal efficiency and minimal fuel consumption. It is also easy to clean.

#### Innovative ceramic inside the boiler:

The boilers are equipped with special ceramic plates that serve as catalysts for exhaust fumes. Thanks to their proper distribution, they extend the exhaust flow path and significantly increase the boiler's efficiency. As a result, harmful substance emissions are reduced.

#### Highest level of safety

The innovative solutions used in the LE boiler construction translate into reliability and work safety. The feeder pipe of the SPIRO type has been made of a special fusible material, which guarantees full protection even in the event of a power failure. The temperature sensor responds to excessive heat increase, initiating the removal of heat and fuel from the feeding system.

#### Extended warranty

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

#### Quality - the result of experience

Thanks to many years of our experience combined with a constant drive for technology improvement, we can offer our customers durable, reliable products. We use only proven components and parts, such as igniters made of a fire-resistant metal alloy, which is much more durable than commonly used ceramic igniters. Additionally, we always conduct a thorough quality control before delivering the boiler to the customer.

#### Significantly shorter installation time

We used connection fittings on both sides of the boiler. This allows you to connect the central heating installation to the nearest fitting, reducing the number of fittings and pipes used.



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# Warmth in your home

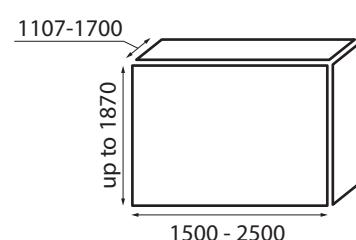
With a neighbor so bright, life feels just right!

## LE PELET/NG (50-75 kW)

The LE series boilers with a pellet burner are based on the proven Klimosz DUO PELET model. The most important feature to note is the boiler's heat exchanger. The exchanger is made of the highest quality P265GH boiler steel, and has a greater number of water shelves than its predecessors. This results in an exceptionally large heat exchange surface, which directly translates into high boiler efficiency and lower fuel consumption. You can enjoy warmth in your building while reducing fuel costs! The boiler burner is perfectly adapted to burn pellets, and is easy to use and reliable. LE PELET NG boilers are an excellent solution for boiler rooms in small blocks and facilities such as schools or municipal offices.



Size of the boiler with the storage tank (mm)



Primary fuel	-	wooden pellets, granulation 6mm (in accordance with PN-EN 303-5:2012)
ErP energy efficiency	-	A+
Power regulation range	kW	15 - 50
Efficiency	%	91,3
Fuel tank capacity		900-1700
		900-1700



#### High-power pellet burner

The modern pellet burner ensures the highest combustion efficiency - up to 99%. This significantly reduces heating costs. The burner is also equipped with a dual cleaning system (blowing and mechanical - with a movable grate as a standard). This means that using the pellet boiler is just as comfortable as using a gas one.



#### Fire tube combined with shelves heat exchanger

In the LE series boilers, we have implemented a fire tube combined with shelves heat exchanger. It provides high thermal efficiency and minimal fuel consumption. It is also easy to clean.



#### Automatic ignition and extinguishing

After setting the program, the controller automatically ignites or extinguishes the boiler depending on the heating demand. Controllers with a WiFi module allow to control the boiler remotely and monitor the installation state. All you need is a smartphone or a web browser to check the boiler status from anywhere.



#### Pellet fuel tank

Depending on your needs, we offer the option to purchase a boiler with a fuel tank with a capacity of 900 or 1700 litres. The fuel tank can be placed on any side of the boiler within the range of the pellet feeder.



#### Easy connection to the chimney

The universal rear flue box outlet is a solution patented by Klimosz Company. Thanks to it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney fittings and long flue pipes reduces installation costs. This solution also improves safety and efficiency.



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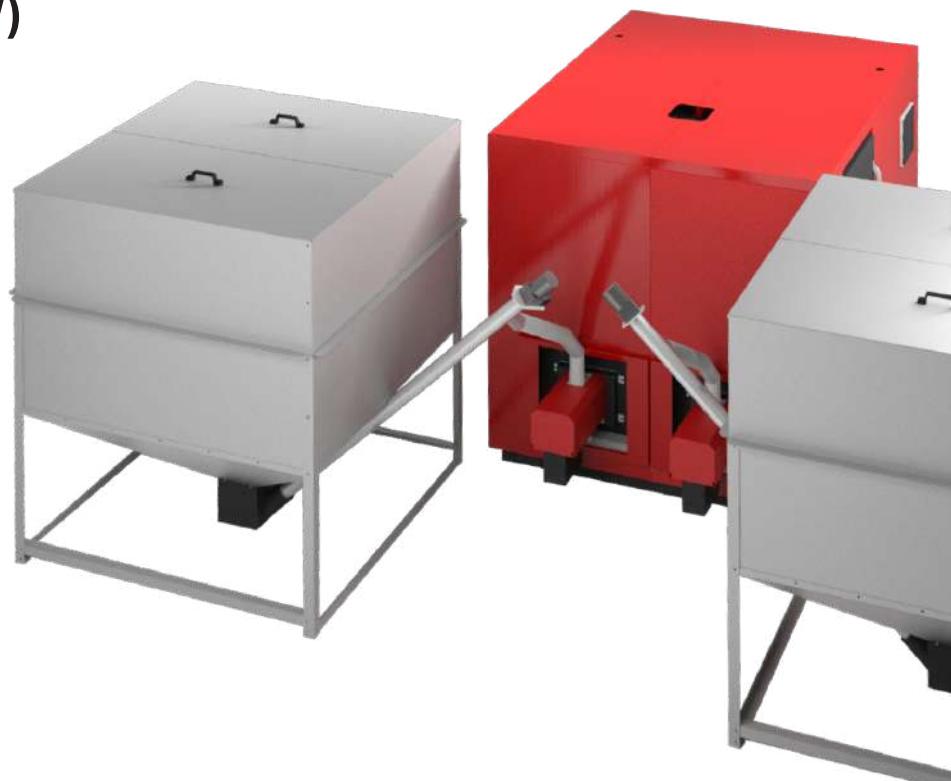
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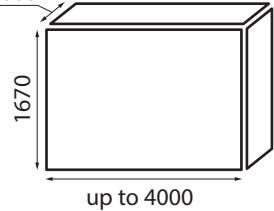
## MAXI PELET (100 - 200 kW)

MAXI is a series of high power boilers with one (MAXI 100 and MAXI 150) or two retort burners (MAXI 200). Their distinguishing feature is an innovative low design and the highest quality components compliant with European technical standards. MAXI boilers have heat exchangers made of certified boiler steel with a wall thickness of up to 8 mm. Its unique design translates into an exceptionally high level of heat recovery and low fuel consumption, which means impressive efficiency and financial profitability for users. The MAXI series has been designed in compliance with rigorous emission and ecological standards (Ecodesign), making it an optimal choice from an environmental protection perspective. The standard equipment also includes weather automation, which increases the comfort and efficiency of the boiler operation.



Size of the boiler with the storage tank (mm)

up to 2000



**MAXI PELET****"MAXI 100  
with pellet burner****MAXI 150  
with pellet burner****MAXI 200  
with pellet double burner**

Primary fuel	-	wooden pellets, with a granulation of 6mm (compliant with the PN-EN 303-5:2012 standard - type C		
Efficiency	%	91	92	90,5
Power regulation range	kW	30 - 102,5	36 - 135	57 - 195
Fuel tank capacity		1700	1700	3400 (2x 1700)

**High power pellet burner**

The modern pellet burner ensures the highest combustion efficiency - up to 99%. This significantly reduces heating costs. The burner is also equipped with a dual cleaning system (blowing and mechanical - with a movable grate as a standard). This means that using the pellet boiler is just as comfortable as using a gas one. The MAXI 100/150 boilers are equipped with one pellet burner, while the MAXI 200 boilers have two burners that can work individually or simultaneously.

**High heat recovery efficiency**

Our boilers are characterized by an exceptionally large active surface area of the heat exchanger. It guarantees a high level of heat recovery from the flow of exhaust. As a result, you use less fuel, and the boiler operation is optimal in economic terms.

**Certified boiler steel**

The MAXI boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

**Extended warranty**

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

**Automatic ignition and extinguishing**

The pellet burner is characterized by the highest ease of operation - the boiler automatically ignites and extinguishes, following an optimized operating program set by the boiler controller. The boiler does not consume a single gram of fuel between work cycles, as is the case with boilers equipped with a retort burner.

**Highest level of safety**

The innovative solutions used in the LE boiler construction translate into reliability and work safety.

The feeder pipe of the SPIRO type has been made of a special fusible material, which guarantees full protection even in the event of a power failure. The temperature sensor responds to excessive heat increase, initiating the removal of heat and fuel from the feeding system.

**Quality - the result of experience**

Thanks to many years of our experience combined with a constant drive for technology improvement, we can offer our customers durable, reliable products. We use only proven components and parts. Additionally, we always conduct a thorough quality control before delivering the boiler to the customer.

**Suitable for any boiler room**

By placing the heat exchanger behind the combustion chamber, we have achieved a boiler with an exceptionally low height of about 160 cm. Thanks to these dimensions, MAXI series devices can be easily installed even in smaller, modern boiler rooms.

**Controllers**

In boilers, we offer two models of controllers with buttons and a modern controller with a large, colorful touchscreen (only for MAXI 100/150 boilers). To enhance the ease of use, all controllers can be expanded with a WiFi module. The PLUM series also allows for the addition of further functional extensions.

**Large capacity of fuel tank: 1700L (3400L in MAXI 200)**

Thanks to the use of a large fuel tank(s), we have significantly extended the operating time of the boiler on one refill. The time varies depending on the power and the outside temperature. For the user, this means even greater operating convenience.

**Efficiency thanks to ceramic plates**

The vertical boiler heat exchanger equipped with ceramic catalysts allows for maximum heat absorption from exhaust. They extend the flow of exhaust in the exchanger and additionally act as a catalyst for exhaust, taking care of the environment and your health.

**Half-shell heat exchanger**

Our boilers are characterized by an exceptionally large active surface area of the heat exchanger. It guarantees a high level of heat recovery from the flow of exhaust. As a result, you use less fuel, and the boiler operation is optimal in economic terms.



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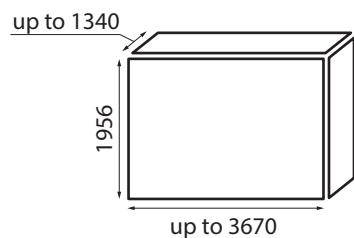


## DUO INDUSTRIAL/NG 150

DUO INDUSTRIAL boilers with a pellet burner are based on the proven Klimosz DUO PELET model. A key aspect to consider is the heat exchanger of the boiler. It is made from the highest quality boiler steel P265GH with a greater number of water shelves compared to previous models. This provides a significantly larger heat exchange surface, which directly contributes to the boiler's high efficiency and reduced fuel consumption. You can enjoy warmth while also reducing heating costs! The boiler's burner is perfectly designed for pellet combustion (with an efficiency of 99%), user-friendly, and reliable. DUO INDUSTRIAL boilers are an excellent solution for boiler rooms in large production facilities or office buildings.



Size of the boiler with the storage tank (mm)



Primary fuel	-	wooden pellets, granulation 6mm (in accordance with PN-EN 303-5:2012 - type C)
ErP energy efficiency	-	A+
Power regulation range	kW	122
Efficiency	%	92
Fuel tank capacity		1700



### High-power pellet burner

The modern pellet burner ensures the highest combustion efficiency - up to 99%. This significantly reduces heating costs. The burner is also equipped with a dual cleaning system (blowing and mechanical - with a movable grate as a standard). This means that using the pellet boiler is just as comfortable as using a gas one.



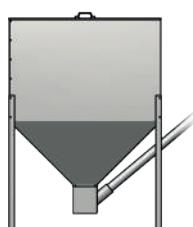
### Fire tube combined with shelves heat exchanger

In the DUO INDUSTRIAL series boilers, we have implemented a fire tube combined with shelves heat exchanger. It provides high thermal efficiency and minimal fuel consumption. It is also easy to clean.



### Automatic ignition and extinguishing

After setting the program, the controller automatically ignites or extinguishes the boiler depending on the heating demand. Controllers with a WiFi module allow to control the boiler remotely and monitor the installation state. All you need is a smartphone or a web browser to check the boiler status from anywhere.



### Pellet fuel tank

Depending on your needs, we offer the option to purchase a boiler with a fuel tank with a capacity of 900 or 1700 litres. The fuel tank can be placed on any side of the boiler within the range of the pellet feeder.



### Easy connection to the chimney

The universal rear flue box outlet is a solution patented by Klimosz Company. Thanks to it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney fittings and long flue pipes reduces installation costs. This solution also improves safety and efficiency.

### High heat recovery efficiency

LE series boilers have an exceptionally large active surface area of the exchanger (in the case of DUO INDUSTRIAL NG, it is 15 m<sup>2</sup>), allowing them to recover a significant amount of heat. This has a direct impact on fuel consumption and operating costs. This way, you save a fuel!

### A reliable boiler for many years

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

### Innovative ceramic inside the boiler

The boilers are equipped with special ceramic plates that serve as catalysts for exhaust fumes. Thanks to their proper distribution, they extend the exhaust flow path and significantly increase the boiler's efficiency. As a result, harmful substance emissions are reduced.

### Highest level of safety

The innovative solutions used in the DUO INDUSTRIAL NG boiler construction translate into reliability and work safety. The feeder pipe of the SPIRO type has been made of a special fusible material, which guarantees full protection even in the event of a power failure. The temperature sensor responds to excessive heat increase, initiating the removal of heat and fuel from the feeding system.

### Extended warranty

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

### Quality - the result of experience

Thanks to many years of our experience combined with a constant drive for technology improvement, we can offer our customers durable, reliable products. We use only proven components and parts. Additionally, we always conduct a thorough quality control before delivering the boiler to the customer.

### Significantly shorter installation time

We used connection fittings on both sides of the boiler. This allows you to connect the central heating installation to the nearest fitting, reducing the number of fittings and pipes used.



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# Eco-pea coal or pellets?

**Choose independence from a single type of fuel and heat your home affordably, comfortably, and eco-consciously: with both eco-pea coal and pellets! Choose our most versatile and efficient LE boiler with a cast-iron retort burner and a double Ecodesign certification.**

## LE (ECO)

The LE series boilers feature a proven and reliable design, based on the Klimosz/Ling DUO model, which has been offered for many years and tested in several thousand boiler rooms. The high-efficiency heat exchanger is made of high-quality boiler steel P265GH and has more water shelves compared to its predecessors, resulting in an exceptionally high heat exchange surface area. This ensures very high real efficiency and minimal fuel consumption. The LE series is equipped with a retort burner - our uniquely designed construction guarantees highly efficient combustion for various fuel types, including pellets of any quality and granularity, oats, or eco-pea coal. The boiler has an Ecodesign certification for eco-pea coal as the primary fuel and pellets.

When burning pellets, a specially designed tube must be installed in place of the grate, designed to maximize efficiency when burning biomass/pellets.

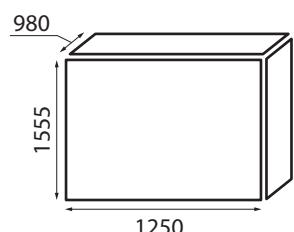
The retort burner in eco-pea coal combustion mode:



The retort burner in pellet combustion mode with an air-tube in place of the circular grate for maximally efficient combustion of all types of biomass:



Size of the boiler with the storage



\* - Remote boiler control functionality requires an optional WiFi module available with the RT-16.

\*\* - applies to fuel: pellet, for eco-pea coal, class „B”

LE	10	15	20	25	30	35	40
Ecodesign for fuel: - eco-pea coal	-	✓	✓	✓	✓	✓	✓
Ecodesign for fuel: - pellet (biomass)	-	not certified	✓	✓	✓	✓	not certified
Energy Efficiency ErP: eco-pea coal/pellet (biomass)	-	B / -	B / A+	B / A+	B / A+	B / A+	B / -
Power regulation range - eco-pea coal - pellet (biomass)	kW	3,4 - 11,4 ~ 3 - 11	3,95-16,20 5,1 - 17,2	6,3 - 21 6,3 - 21	6,45-25,5 7,8 - 26	9 - 30 9,1 - 31,4	9,95-35,5 ~ 9 - 35
Efficiency: - eco-pea coal - pellet (biomass)	%	89,7 ~90	89,9 91	90,3 91	89,6 91,1	89 91,1	89,35 ~90
Fuel tank capacity	dm <sup>3</sup>	190 / 230 / 320 - depending on the ordered version of the boiler					



#### Available with various controllers

User comfort is our priority! The ecoCONTROL controller provides intuitive operation for a system with a single heating circuit, the KOMFORT RT-16 controller manages two heating circuits and can be equipped with an optional WiFi module for remote boiler control, while the PLUM 800R3 controller handles one circuit by default but can be expanded with additional modules to manage up to five circuits.

The EKO version of the boiler comes standard with the ecoCONTROL controller (KOMFORT RT-16 or PLUM 800R3 optional).

The NG version of the boiler comes standard with the KOMFORT RT-16 controller (PLUM 800R3 optional).

#### Reliable and versatile retort burner

**with a dedicated tube for biomass combustion**  
Our uniquely designed retort construction ensures maximum efficient combustion of various fuels: pellets of any quality, oats, or eco-pea coal depending on the version of the boiler. Thanks to the cast iron elbow and grate, the burner also has exceptional durability. We've tested this technology over many years of practice!

#### New! Pump group for the LE / LE PELLET series

The boiler can be purchased with a factory-installed pump group, which significantly simplifies installation. The pressure-tested components include, among other things, a central heating pump and a domestic hot water pump from Grundfos or LFP, an ESBE mixing valve, an ESBE actuator, a safety group with a DBV-1 valve, and an 18L expansion vessel. Note! The pump group for the LE series is compatible only with models 10/15/20/25.

#### Easy connection to the chimney

The universal flue outlet is a solution patented by Klimosz. With it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney fittings and long flue pipes means lower installation costs. This solution also improves safety and operational efficiency.

#### High heat recovery efficiency

The LE series boilers have an exceptionally large active heat exchanger surface (3.6 m<sup>2</sup> for the LE 20), allowing them to recover much more heat. This directly translates into reduced fuel consumption and lower operating costs. It's a great way to save on fuel!

#### A reliable boiler for many years

Boilers in this series are made from the highest quality boiler steel, P265GH. Using this material provides high durability, increased corrosion resistance, and maintains elasticity at high temperatures.

#### Efficient due to ceramic plates

The boilers are equipped with ceramic/fire-resistant concrete plates, which positively affect the boiler's efficiency. They extend the flow path of the flue gases in the heat exchanger, and additionally, they act as a flue gas catalyst, which is beneficial for the environment and your health.

#### Rest assured about safety

We've equipped the boiler with reliable solutions to ensure safe operation. These include, among other things, a boiler temperature sensor, a feed pipe temperature sensor, and an optional STS safety valve (check the equipment list for details). If there is any ignition in the feed pipe, fuel will be pushed back, and the fan will shut off.

#### Extended warranty

The highest quality materials and craftsmanship allow us to offer a full 5-year warranty on the heat exchanger's tightness. Check the boiler's DTR (Documentation and Technical Regulations) for warranty conditions.

#### Experience - a guarantee of quality

Thanks to many years of experience and proven technical solutions, we can guarantee that every element of the boiler meets the highest quality standards. We continually improve our products by subjecting them to rigorous controls.

#### Significantly shorter installation time

The boiler has connection fittings on both sides. This allows you to connect the central heating system to the nearest fitting, reducing the number of fittings and pipes used.

#### Fewer harmful emissions

Above the burner, there is a concrete deflector that functions as a flue gas catalyst. It heats to over 1000°C, reducing emissions of harmful combustion byproducts like oxides and particulates. As a result, the boiler is more environmentally friendly, more efficient, and uses less fuel!



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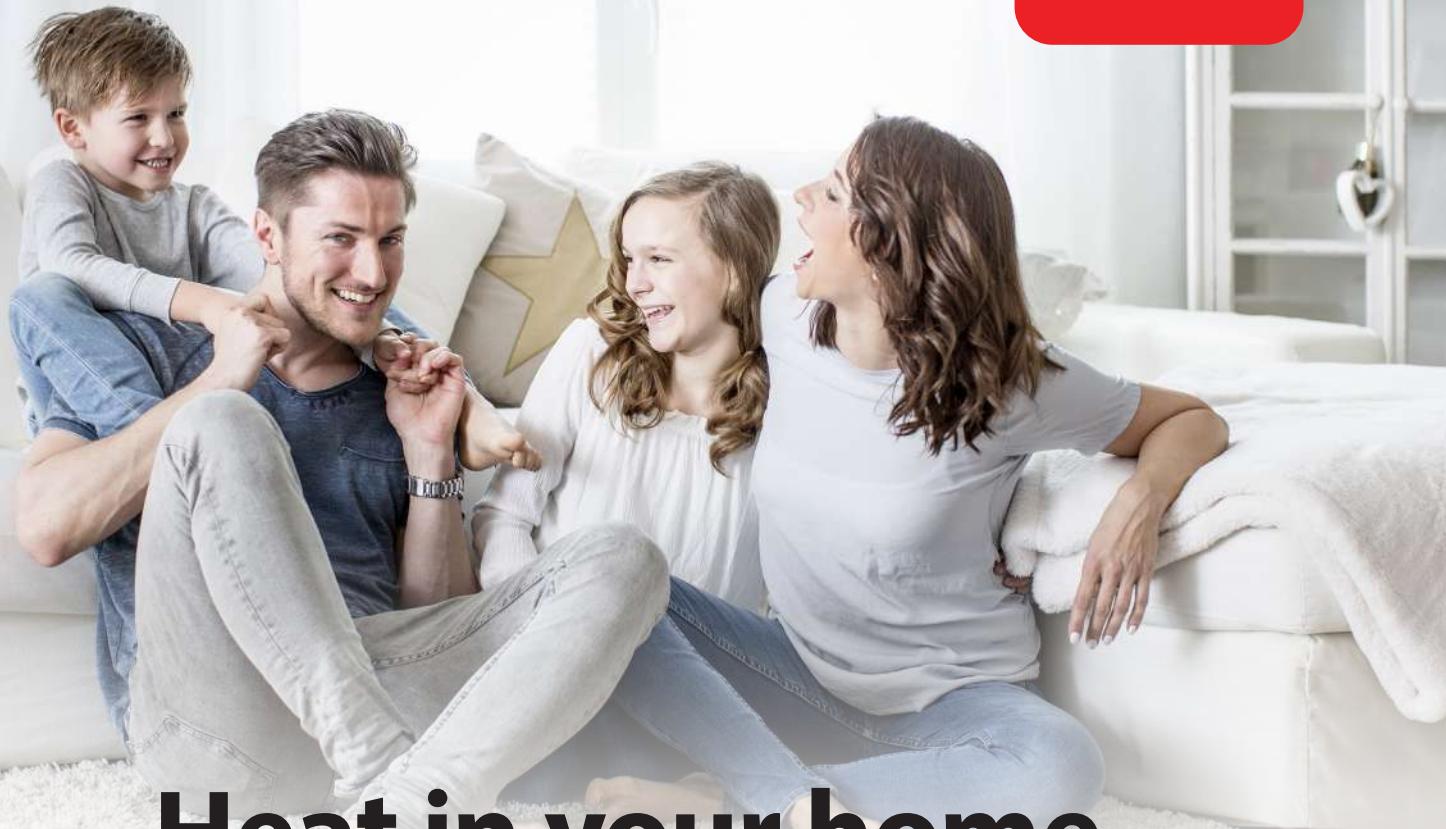
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KLIMOSZ



# Heat in your home

Nothing connects a family like a warm home on cold days. When my grandfather built the house, he passed on this truth to my dad, who shared it with me. Today, it's my turn to take care of my family!

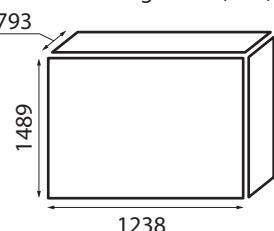


## Combi S 16-32 kW

The COMBI S series are durable, reliable, and eco-friendly boilers. Thanks to the use of high-quality materials and components, they are characterized by exceptionally long lifespan estimated at up to 25 years. The heat exchanger in this series is made of Italian cast iron with a wall thickness of up to 12 mm. The reliable operation is ensured by a retort burner. The COMBI series boilers are versatile devices that can burn both eco-pea coal (as the primary fuel) and pellets (as a replacement) - the boilers meet the rigorous Ecodesign standards for this type of fuel. The COMBI S series has been designed with particular attention to high thermal efficiency and heat recovery from combustion process. This leads to a significant reduction in the amount of fuel used and, consequently, heating costs.



Size of the boiler along with the storage tank (mm)



COMBI S	COMBI S3	COMBI S4	COMBI S5	COMBI S6
Energy class ERP	B	B	B	C
Primary fuel	-		eco-pea coal ( 8-25mm, max. 30mm)	
Efficiency [%]	%	91,3	91,2	91,1
Power modulation range	kW	4,7 - 16,1	4,7 - 22,6	8,2 - 28,9
Fuel tank capacity	dm <sup>3</sup>	190 / 300	190 / 300	190 / 300

### Boiler versions



**EKO 190**  
Fuel tank capacity 190 l



**EKO 320**  
Fuel tank capacity 320 l with  
comfortable opening system



### Controllers

We are committed to making our boilers as user-friendly as possible and meeting the needs of our customers. That's why we offer the option to choose additional controllers. The Eco CONTROL provides intuitive operation of the heating system with a single heating circuit. The PLUM and KOMFORT weather controllers can be expanded with additional modules, including Wi-Fi for remote control.



### Reliable retort burner

In the COMBI S boilers, we have used a retort burner. It is our proprietary design, created after years of experience. Thanks to this, we have achieved maximum efficiency in burning eco-pea coal. The device made of cast iron is characterized by high durability.



### Remote control of the boiler

We created an additional Wi-Fi module for people who value ease of use. With its help, you can remotely control the boiler and monitor the operation of the installation. All you need is a smartphone or internet browser to check the status of the boiler from anywhere.

### Highest quality Italian cast iron

The cast iron boiler has incomparably greater durability than the steel one. We used a special boiler cast iron with a wall thickness of up to 12 mm to make the body. It is resistant to the effects of adverse factors: water and chemical corrosion as well as harmful compounds of phosphorus and sulfur.

### Compact cast iron exchanger

High thermal efficiency combines with low fuel consumption. In the Combi S boilers, significant heat recovery from combustion occurs on the cast iron grate. The traditional combustion chamber has been equipped with a specialized compact cast iron radiator with large heat recovery surface in the upper part of the exchanger and a specialized pellet burner and ceramic plates that burn dust and improve emissions.

### Solutions ensuring safety

The comfort closing system of the fuel tank and the air actuator will make it easier for you to operate the boiler on a daily basis. Placing the seal in the upper flap is a solution that protects it from damage, ensures tightness of the boiler, and provides safety for many years.

### Reliability and safety

The boiler has several independent solutions ensuring reliable and safe operation, such as a boiler temperature sensor, a feeder tube temperature sensor (in case of detecting heat in the feeder tube, it pushes the fuel out and switches off the fan), and an optional fire extinguishing valve (see the equipment list).

### Quality confirmed by a warranty

We carefully select every part of the boiler based on our years of experience, using only the materials and components we are confident in. Additionally, we subject every product to thorough quality control. This is a warranty that you receive a boiler that will serve you reliably for many years.

### Klimosz company warranty

As one of not many companies on the market, we provide a full 10-year warranty for the leakproofness of the exchanger. This is the best confirmation of the quality of our products. Detailed conditions can be found in the boiler's manual.



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# Warmth in your home

Are you building a new home for your family? Ensure a secure future and choose a modern, eco-friendly, and economically efficient heating system - a pellet boiler from the Polish brand KLIMOSZ.

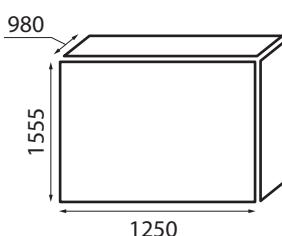
## LE NG (11-41 kW)



The LE NG series boilers with a retort burner are based on the proven Klimosz DUO model. The most important feature to note is the boiler's heat exchanger. The exchanger is made of the highest quality P265GH boiler steel, and has a greater number of water shelves than its predecessors. This results in an exceptionally large heat exchange surface, which directly translates into high boiler efficiency and lower fuel consumption. You can enjoy warmth in your building while reducing fuel costs! The boiler burner is perfectly adapted to burn eco-pea coal, wooden pellets or biomass and is easy to use and reliable.



Size of the boiler with the storage



LE NG	LE 10	LE 15	LE 20	LE 25	LE 30	LE 35	LE 40
Primary fuel	- eco-pea coal (8-25mm, max. 30mm)						
ErP energy efficiency	-	A+	A+	A+	A+	A+	A+
Power adjustment range	kW	3,4 - 11,4	3,95-16,20	6,3 - 21	6,45-25,5	9 - 30	9,95-35,5
Efficiency	%	89,7	89,95	90,3	89,6	89	89,35
Fuel fuel tank capacity	dm <sup>3</sup>	190 / 230	190 / 230	190 / 230	190 / 230	190 / 230	190 / 230

### Boiler and fuel tank housing versions:



Fuel tank 230 l with a comfort opening system.



Fuel tank 320 l with a comfort opening system.



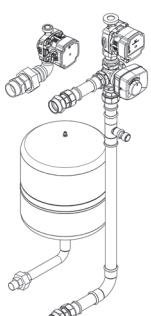
### Available with various controllers

User comfort is our priority! The ecoCONTROL controller provides intuitive operation for a system with a single heating circuit. The Komfort and PLUM EcoMax controllers can be expanded and equipped with a WiFi module for remote boiler operation. These controllers can manage two heating circuits.



### Reliable retort burner

In the LE NG boilers we have used a retort burner. It is our proprietary design created after years of experience. Thanks to this, we have achieved maximum efficiency in burning eco-pea coal, pellet or biomass. The device made of cast iron is characterized by high durability.



### New! Pump group for LE

The latest boilers can be purchased with a factory-installed pump group, which greatly facilitates installation. Pressure-controlled components include Grundfos pumps, mixing valve, ESBE actuator, safety groups with DBV-1 valve, and a 18 l expansion tank! The pump group for the LE series is only compatible with 10/15/20/25 kW models.



### Easy connection to the chimney

The universal rear flue box outlet is a solution patented by Klimosz Company.

Thanks to it, you can easily connect the boiler to any chimney, regardless of its location.

Reducing the number of chimney fittings and long flue pipes reduces installation costs.

This solution also improves safety and efficiency.

### High heat recovery efficiency

LE series boilers have an exceptionally large active surface area of the exchanger (in the case of LE 25, it is 3,6 m<sup>2</sup>), allowing them to recover a significant amount of heat. This has a direct impact on fuel consumption and operating costs. This way, you save a fuel!

### A reliable boiler for many years

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

### Innovative ceramic inside the boiler

The boilers are equipped with special ceramic plates that serve as catalysts for exhaust fumes. Thanks to their proper distribution, they extend the exhaust flow path and significantly increase the boiler's efficiency. As a result, harmful substance emissions are reduced.

### Extended warranty

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

### Quality - the result of experience

Thanks to many years of our experience combined with a constant drive for technology improvement, we can offer our customers durable, reliable products. We use only proven components and parts. Additionally, we always conduct a thorough quality control before delivering the boiler to the customer.

### Significantly shorter installation time

We used connection fittings on both sides of the boiler. This allows you to connect the central heating installation to the nearest fitting, reducing the number of fittings and pipes used.

### Fewer harmful emissions

Above the burner, there is a concrete deflector that functions as a catalytic converter for exhaust gases. It heats up to over 1000°C, reducing the emission of harmful combustion by-products such as oxides and particulate matter. As a result, the boiler is more environmentally friendly, efficient, and consumes less fuel!

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# Warmth in your home.



## LE NG (50-75 kW)

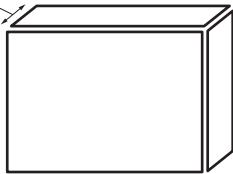
The LE NG series boilers with a retort burner are based on the proven Klimosz DUO model. The most important feature to note is the boiler's heat exchanger. The exchanger is made of the highest quality P265GH boiler steel, and has a greater number of water shelves than its predecessors. This results in an exceptionally large heat exchange surface, which directly translates into high boiler efficiency and lower fuel consumption. You can enjoy warmth in your building while reducing fuel costs! The boiler burner is perfectly adapted to burn eco-pea coal, and is easy to use and reliable. LE NG boilers are an excellent solution for boiler rooms in small blocks and facilities such as schools or municipal offices.



Size of the boiler with the storage tank (mm)

up to 1020

up to 1830



up to 1880

LE NG

LE 50

LE 69/75

Primary fuel	-	eco-pea coal, (8-25mm, max. 30mm in accordance with PN-EN 303-5:2012)
ErP energy efficiency	-	B
Power modulation range	kW	15 - 50
Efficiency	%	91,4
Fuel tank capacity	dm <sup>3</sup>	500
		500

**Boiler versions:**LE 50  
Fuel Tank 500 lLE 69/75  
Fuel Tank 500 l**Available with various controllers**

User comfort with the boiler is our priority! The PLUM EcoMax controller ensures intuitive operation of a single heating circuit installation, with the option to expand up to five circuits. The Komfort controller manages up to two heating circuits. Both controllers can be expanded with a WiFi module for remote boiler management.

**Less harmful emissions**

In the LE NG series boilers we have used a retort burner. It is our proprietary design created after years of experience. Thanks to this, we have achieved maximum efficiency in burning eco-pea coal. The device made of cast iron is characterized by high durability.

**Mniej szkodliwych emisji**

There is a concrete deflector above the burner that acts as a catalytic converter for exhaust fumes. It heats up to over 1000°C, reducing emissions of harmful combustion products such as oxides and dust. As a result, the boiler is more environmentally friendly, efficient and uses less fuel!

**Fire tube combined with shelves heat exchanger**

In the LE series boilers, we have implemented a fire tube combined with shelves heat exchanger. It provides high thermal efficiency and minimal fuel consumption. It is also easy to clean.

**Easy connection to the chimney**

The universal rear flue box is a solution patented by KLIMOSZ. Thanks to it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney components and long exhaust ducts means reducing installation costs. This solution also improves safety and efficiency.

**High heat recovery efficiency**

LE series boilers have an exceptionally large active surface area of the exchanger (in the case of LE NG 50 it is 6,4 m<sup>2</sup>), allowing them to recover a significant amount of heat. This has a direct impact on fuel consumption and operating costs. This way, you save on fuel!

**A reliable boiler for many years**

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

**Innovative ceramic inside the boiler**

The boilers are equipped with special ceramic plates that serve as catalysts for exhaust fumes. Thanks to their proper distribution, they extend the exhaust flow path and significantly increase the boiler's efficiency. As a result, harmful substance emissions are reduced.

**Highest level of safety**

The innovative solutions used in the LE boiler construction translate into reliability and work safety. The feeder pipe of the SPIRO type has been made of a special fusible material, which guarantees full protection even in the event of a power failure. The temperature sensor responds to excessive heat increase, initiating the removal of heat and fuel from the feeding system.

**Extended warranty**

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

**Quality - the result of experience**

Thanks to many years of our experience combined with a constant drive for technology improvement, we can offer our customers durable, reliable products. We use only proven components and parts, such as igniters made of a fire-resistant metal alloy, which is much more durable than commonly used ceramic igniters. Additionally, we always conduct a thorough quality control before delivering the boiler to the customer.

**Significantly shorter installation time**

We used connection fittings on both sides of the boiler. This allows you to connect the central heating installation to the nearest fitting, reducing the number of fittings and pipes used.

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# Modern heating for a company

Making important decisions in a warm atmosphere fosters good decisions.



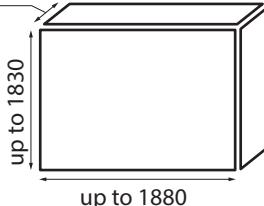
## DUO INDUSTRIAL NG (150 kW)

The DUO INDUSTRIAL boilers with a retort burners are based on the proven Klimosz DUO PELET model. The most important feature to note is the boiler's heat exchanger. The exchanger is made of the highest quality P265GH boiler steel, and has a greater number of water shelves than its predecessors. This results in an exceptionally large heat exchange surface, which directly translates into high boiler efficiency and lower fuel consumption. You can enjoy warmth in your building while reducing fuel costs! The boiler burner is perfectly adapted to burn eco-pea coal and is easy to use and reliable. DUO INDUSTRIAL boilers are a perfect solution for boiler rooms in large production or office buildings.



Size of the boiler with the storage tank (mm)

up to 1020



Primary fuel	-	eco-pea coal, (8-25mm, max. 30mm in accordance with PN-EN 303-5:2012)
ErP energy efficiency	-	B
Power regulation range	kW	142-149
Efficiency	%	89
Fuel tank capacity	dm <sup>3</sup>	980



#### Fire tube combined with shelves heat exchanger

In the DUO INDUSTRIAL series boilers we have implemented a fire tube combined with shelves heat exchanger. It provides high thermal efficiency and minimal fuel consumption. It is also easy to clean.



#### Available with various controllers

User comfort with the boiler is our priority! The PLUM EcoMax controller ensures intuitive operation of a single heating circuit installation, with the option to expand up to five circuits. The Komfort controller manages up to two heating circuits. Both controllers can be expanded with a WiFi module for remote boiler management



#### Reliable retort burner

Our unique retort construction ensures highly efficient combustion of eco-coal. Thanks to the cast iron elbow and grate, the burner also boasts exceptional durability. We have tested this technology over many years of practice!



#### Reduced harmful emissions

Above the burner, there is a concrete deflector that functions as a catalytic converter for exhaust gases. It heats up to over 1000°C, reducing the emission of harmful combustion by-products such as oxides and particulate matter. As a result, the boiler is more environmentally friendly, efficient, and consumes less fuel!



#### Quick and easy installation

The boiler features dual connection stubs on both sides. As a result, you can connect the heating system pipes to the closer stub, minimizing the amount of installation material. This makes the boiler installation easier, faster, and cost-effective!



#### Easy connection to the chimney

The universal rear flue box outlet is a solution patented by Klimosz Company. Thanks to it, you can easily connect the boiler to any chimney, regardless of its location. Reducing the number of chimney fittings and long flue pipes reduces installation costs. This solution also improves safety and efficiency.

#### High heat recovery efficiency

DUO INDUSTRIAL series boilers have an exceptionally large active surface area of the exchanger (in the case of DUO INDUSTRIAL NG 150 it is 15 m<sup>2</sup>), allowing them to recover a significant amount of heat. This has a direct impact on fuel consumption and operating costs. This way you save a fuel!

#### A reliable boiler for many years

Boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

#### Innovative ceramic inside the boiler:

The boilers are equipped with special ceramic plates that serve as catalysts for exhaust fumes. Thanks to their proper distribution, they extend the exhaust flow path and significantly increase the boiler's efficiency. As a result, harmful substance emissions are reduced.

#### Highest level of safety

We have equipped the boiler with reliable solutions to ensure safe operation. These include a boiler temperature sensor, a feeder pipe temperature sensor, and an optional STS safety valve (details can be found on the equipment list). If there is a glowing ember in the feeder pipe, it will trigger the fuel discharge and fan shutdown.

#### Extended warranty

Many years of experience and the latest technology determine the reliability of our boilers. Therefore, we offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

#### Quality - the result of experience

Thanks to our many years of experience and proven technical solutions in practice, we can guarantee that every element of the boiler meets the highest quality standards. We continuously improve our products, subjecting them to rigorous quality controls



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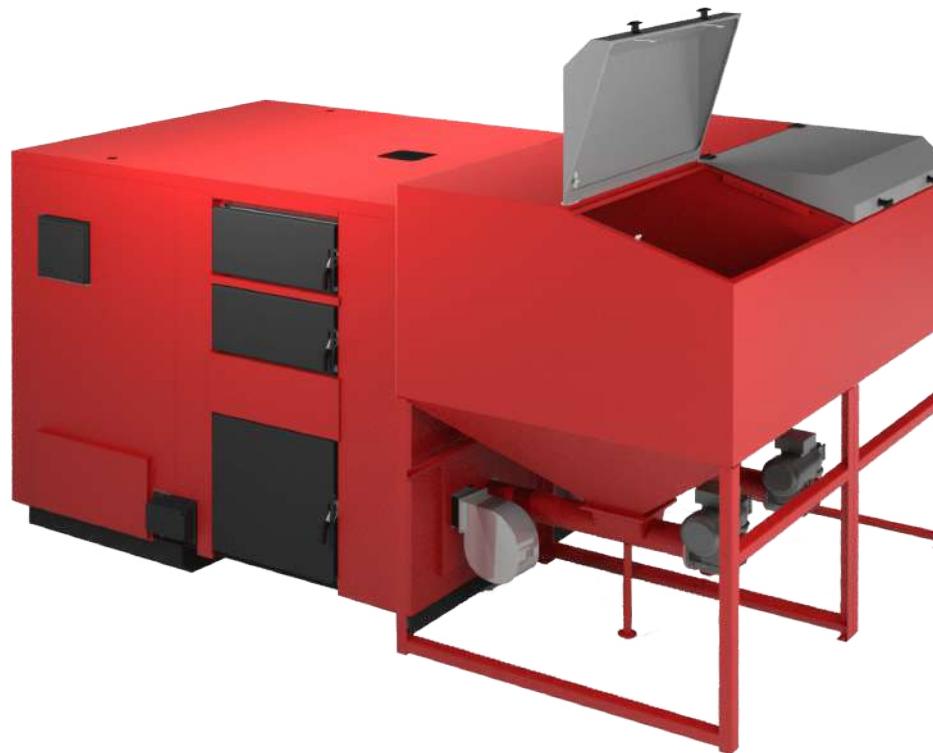


# Modern heating for a school

MAXI boilers will ensure the thermal comfort of students and create ideal learning conditions

## MAXI (100 - 203 kW)

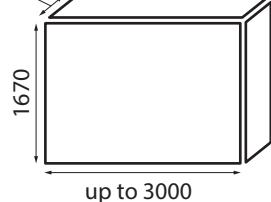
MAXI is a series of high power boilers with one (MAXI 100 and MAXI 150) or two retort burners (MAXI 200). Their distinguishing feature is an innovative low design and the highest quality components compliant with European technical standards. MAXI boilers have heat exchangers made of certified boiler steel with a wall thickness of up to 8 mm. Its unique design translates into an exceptionally high level of heat recovery and low fuel consumption, which means impressive efficiency and financial profitability for users. The MAXI series has been designed in compliance with rigorous emission and ecological standards (Ecodesign), making it an optimal choice from an environmental protection perspective. The standard equipment also includes weather automation, which increases the comfort and efficiency of the boiler operation.



MAXI 100 AND 150 ONLY

Size of the boiler along with the storage tank (mm)

up to 2000



MAXI PELET	MAXI 100	MAXI 150	MAXI 200
Primary fuel	-	eco-pea coal, (8-25mm, max. 30mm in accordance with PN-EN 303-5:2012)	
Power regulation range	kW	29,6 - 103,8	38 - 142
Efficiency	%	89	89
Fuel tank capacity		780	940
			1440 (2x720)



#### Fuel tank 780-940 l

Thanks to the use of a large fuel tank(s), we have significantly extended the operating time of the boiler on one refill. The time varies depending on the power and the outside temperature. For the user, this means even greater operating convenience.



#### Available with various controllers

The comfort of using the boiler is our priority! The PLUM EcoMax controller ensures intuitive operation of a single heating circuit installation with the possibility of expanding up to five circuits. The Komfort controller can handle up to four heating circuits. Both controllers can be expanded with a WiFi module for remote boiler management. The Maxi 200 boiler is only available with the Komfort Industrial controller.



#### Reliable retort burner

In the MAXI series boilers we have used a retort burner. It is our proprietary design created after years of experience. Thanks to this, we have achieved maximum efficiency in burning eco-pea coal. The device made of cast iron is characterized by high durability.

The MAXI 100/150 boilers are equipped with a single retort burner, while the MAXI 200 boilers have two burners that can operate individually or simultaneously.



#### Less harmful emissions

There is a concrete deflector above the burner that acts as a catalytic converter for exhaust fumes. It heats up to over 1000°C, reducing emissions of harmful combustion products such as oxides and dust. As a result, the boiler is more environmentally friendly, efficient, and uses less fuel!



#### Shelf-type heat exchanger

Our boilers feature an exceptionally large heat exchange surface area. In MAXI boilers, we have implemented a shelf-type heat exchanger. This attribute ensures a high level of heat recovery from the flue gas stream. As a result, you consume less fuel, and the boiler operation is economically optimal.

#### Certified boiler steel

The MAXI boilers are made of the highest quality P265GH boiler steel. The use of such material ensures high strength and increased resistance to corrosion, as well as maintaining elasticity at high temperatures.

#### Efficiency thanks to ceramic plates

The vertical boiler heat exchanger equipped with ceramic catalysts allows for maximum heat absorption from exhaust. They extend the flow of exhaust in the exchanger and additionally act as a catalyst for exhaust, taking care of the environment and your health.

#### Suitable for any boiler room

By placing the heat exchanger behind the combustion chamber, we have achieved a boiler with an exceptionally low height of about 160 cm. Thanks to these dimensions, MAXI series devices can be easily installed even in smaller, modern boiler rooms.

#### Highest level of safety

We have equipped the boiler with reliable solutions to ensure safe operation. These include a boiler temperature sensor, a feeder pipe temperature sensor, and an optional STS safety valve (details can be found on the equipment list). If there is a glow in the feeder pipe, it will cause the fuel to be pushed out and the fan to be shut down.

#### Reliability guarantee

Thanks to our many years of experience and proven technical solutions, we can guarantee that every element of the boiler meets the highest quality standards. We continuously improve our products by subjecting them to rigorous quality controls.

#### Extended warranty

We offer a 5-year warranty for the exchanger leakproofness. The terms are available in the boiler's manual.

#### Quick and easy installation

The MAXI 100 and 150 boilers have double connection nozzles on both sides. As a result, you can run the heating connections to the closer nozzle, minimizing the amount of installation material. Boiler installation is, therefore, easier, faster, and cost-effective!



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KLIMOSZ



# Buffers for heat pumps, boilers, and fireplaces

An essential component of every modern heating system to ensure optimal operating conditions, increase thermal comfort, and extend the lifespan of a heat pump, boiler, or fireplace.

## BUFFER OW (100/200/300)

**Buffer tanks are dedicated for installation in heating systems, especially in combination with heat pumps.**

**The use of a buffer tank ensures optimal working conditions, prolongs the lifespan of key components and contributes to heating cost savings.**

Our buffer tanks are made of the highest quality, certified S235JR steel and each one undergoes pressure testing and rigorous quality control, which we confirm with a 5-year warranty.

To reduce heat loss in our buffer tanks, we have used up to 5 cm of specially selected mineral wool with excellent thermal insulation features.

Thanks to the optimally selected dimensions and proportions, buffer tanks are easy to install in any boiler room, and their rectangular shape saves space in your boiler room, making them an ideal companions for any modern heating system.



Available in other colours upon request:



Buffer



Option to connect  
an electric heater



Vertical tank



For central heating



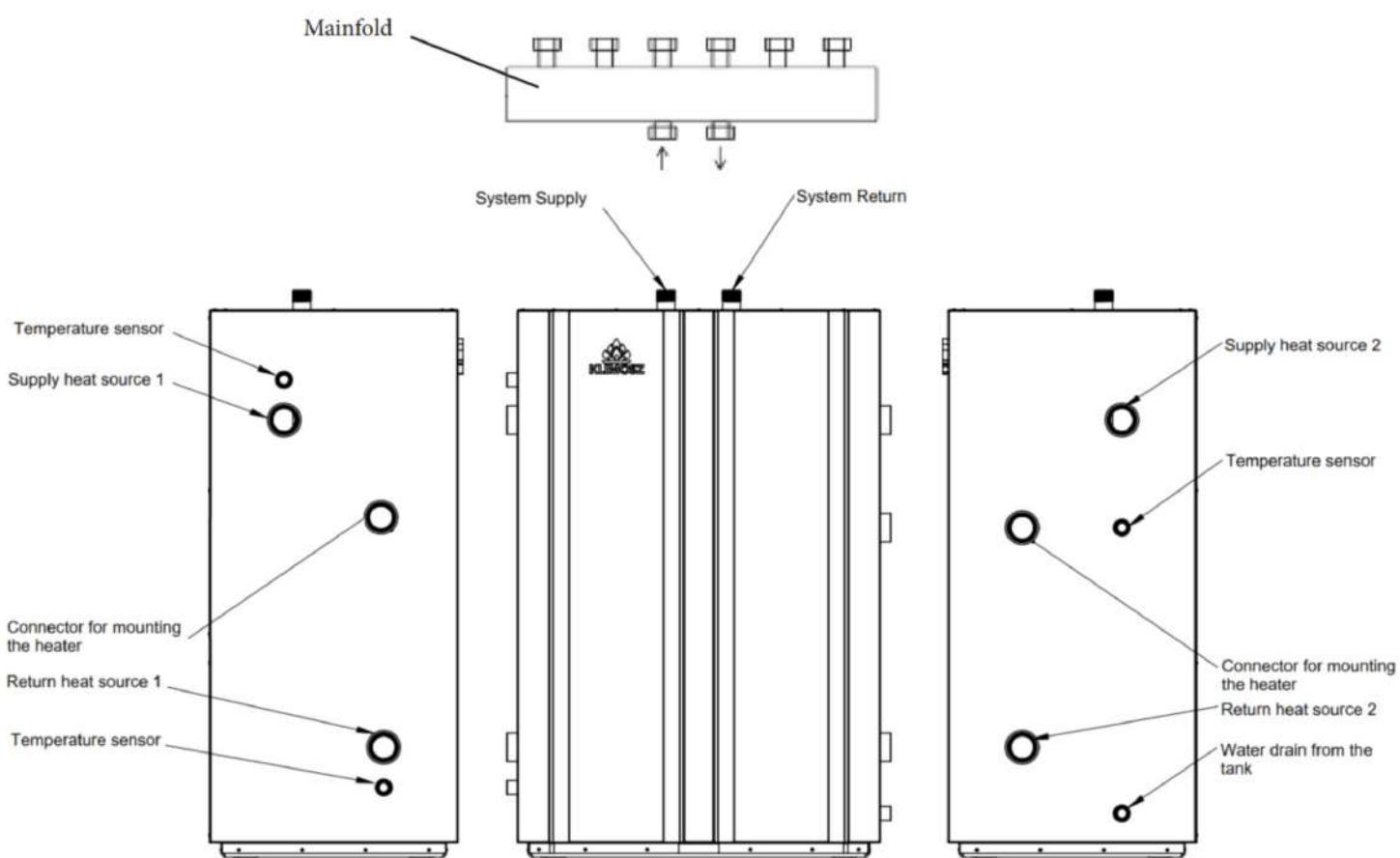
5  
YEARS  
WARRANTY

Warranty period

## BUFFER TANK FOR BOILERS, HEAT PUMPS AND FIREPLACES

Model	-	BUFFER OW 100	BUFFER OW 200	BUFFER OW 300
Capacity	l	102	210	299
Empty device weight	kg	96	132	170
max. working temperature / max. working pressure	°C / bar	90/1,5	90/1,5	90/1,5
Energy efficiency class		B/C*	B/C*	B/C*
Total height with insulation	mm	832	1081	1052
Total width with insulation	mm	640	732	832
Total depth with insulation	mm	402	474	581
Diameter - heating system supply/return	inch	1"	1"	1"
Diameter - heat source 1 and 2 supply/return	inch	6/4"	6/4"	6/4"
Diameter - radiator connection	inch	6/4"	6/4"	6/4"
Diameter - temperature sensor mounting fitting	inch	1/2"	1/2"	1/2"
Diameter - water outlet	inch	1/2"	1/2"	1/2"

\*dependable on version



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KLIMOSZ

# Large heat resources!

Save money and enjoy warmth on chilly days.

## Klimosz BUFOR 0W (4K) 500/ 750/ 1000

The KLIMOSZ BUFFER series is a top-quality buffer tank designed for accumulating heat in heating systems. They increase heating efficiency and significantly reduce its cost. They allow for a reduction in the frequency of boiler and heating pump operation while protecting the system from overheating. This significantly extends the life of boilers, HP and installations, making them an important element of any central heating system. KLIMOSZ buffer tanks are made of the highest quality, certified S235JR steel, and each is subjected to pressure testing and rigorous quality control, which we confirm with a 5-year warranty. To reduce heat loss in our buffer tanks, we use up to 10 cm of closed-cell material with excellent thermal insulation properties. Additionally, to protect the tank during the summer season, the buffers are equipped with a layer of synthetic rubber-based insulation, which has exceptional resistance to water vapor diffusion. The unique quilted design of our tanks will fit perfectly into any modern boiler room. 4K version has four pairs of terminals and four places for temperature sensors.



Buffer



Option to connect  
an electric heater



Vertical tank



For central heating

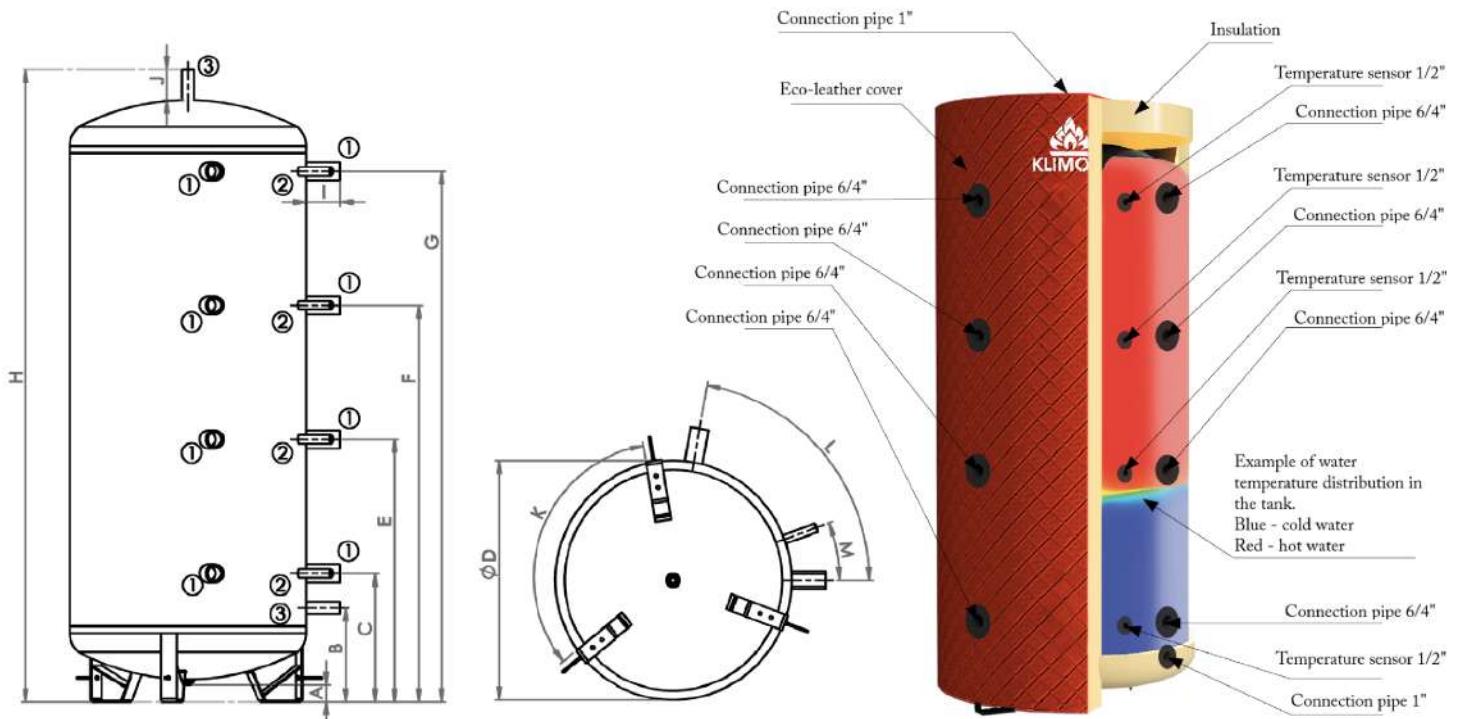


5  
YEARS  
WARRANTY

Warranty period

## BUFFER OW (4K)

Model	-	BUFFER OW 500 (4K)	BUFFER OW 750 (4K)	BUFFER OW 1000 (4K)
Capacity	l	499	758	999
Empty weight	kg	120	160	190
Max. operating temperature / Max. operating pressure	°C / bar	90/1.5	90/1.5	90/1.5
Insulation thickness	mm	100	100	100
Max. number and power of 6/4" heater	pc. / kW	1x9	1x9	1x9
Energy efficiency class	-	C	C	B
Heat loss	W	97	99	101
Total tank diameter with insulation	mm	872	972	1072
A - Bottom drain plug	mm	125	55	26
B - Drain point	mm	347	295	334
C - Return pipe/pipe for electric 6/4" heater	mm	455	403	442
D - Buffer diameter (without insulation)	mm	650	750	850
E - Installation connection pipe / Place for temperature sensor	mm	815	823	849
F - Installation connection pipe / Place for temperature sensor	mm	1175	1243	1255
G - Installation connection pipe / Place for temperature sensor	mm	1535	1663	1662
H - Overall height of buffer	mm	1834	1983	2048
I - Installation connection pipe length / Place for temperature sensor	mm	110	110	110
J - Installation connection pipe height	mm	100	100	100
K,L- Angle between installation connections	°	80	80	80
M - Angle between connections and places for temperature sensors	°	20	20	20



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## Efficiency Meets Elegance

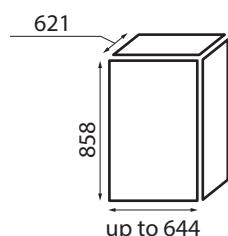
### SOLIDGAS (16,24,32 kW)

SolidGAS is an exceptional cast iron atmospheric gas boiler that not only provides a reliable source of heat but also ensures comfortable heating conditions and access to domestic hot water. Its robust construction is based on a cast iron heat exchanger, guaranteeing not only durability but also the maintenance of efficiency over many years of operation. Boiler control becomes a pure pleasure with the intuitive control panel, sourced from the renowned manufacturer Resideo (Honeywell). SolidGAS is available in three different power variants, catering to diverse user needs. Each of these versions is distinguished by the appropriate number of gas burners and elements in the heat exchanger, allowing for perfect adaptation to the size and requirements of the heating installation. SolidGAS is not just a boiler; it's a precise match to individual needs, making the undisputed choice for those who appreciate not only reliability but also elegance and efficiency.



2  
★ YEARS ★  
WARRANTY

Size of the boiler (mm)



<b>SolidGas</b>		<b>16</b>	<b>24</b>	<b>32</b>
Number of elements	pc.	3	4	5
Nominal power	kW	16	24	32
Power range	kW	10-16	15-24	20-32
Efficiency	%	up to 93%	up to 93%	up to 93%
Fuel type		Natural gas „G20” / Propane*		
Maximum gas flow	m <sup>3</sup> /h	0,453	0,679	0,905
Minimum gas flow	m <sup>3</sup> /h	0,289	0,434	0,579
Maximum flue gas temperature	°C	90-120	90-120	90-120
Minimum flue gas temperature	°C	80-90	80-90	80-90
Maximum work temperature	°C	80	80	80
Supply/return short connection	inch	6/4"	6/4"	6/4"
Gas valve short connector	inch	3/4"	3/4"	3/4"
Boiler height	mm	858	858	858
Boiler width	mm	474	559	644
Boiler depth	mm	621	621	621
Boiler mass	kg	100	125	150
Water volume	dm <sup>3</sup>	10	13	16
Power supply	V/Hz	230/50	230/50	230/50

\* After changing settings, nozzles, and gas valve adjustments, propane is also permitted.

### Cast iron heat exchanger

Thanks to the robust construction of the cast iron heat exchanger, this boiler ensures durability and efficiency for many years of use.

### Proven Solutions

The igniting-ionization electrode is a key element in gas devices, ensuring a safe and controlled ignition process as well as monitoring the presence of the flame. This is a more modern and secure solution compared to the traditional gas pilot.

### Customized to needs

SolidGAS comes in three power variants, tailored to different user needs. Each version is characterized by the appropriate number of gas burners and elements in the heat exchanger, allowing for optimal adaptation to the size and requirements of the heating installation.

### Best materials, highest quality

The boiler's chimney is made of stainless steel, ensuring resistance to high temperatures and challenging working conditions. The cast iron heat exchanger, designed with a fin system, optimally facilitates heat exchange between water and flue gases, resulting in efficiency and energy savings of up to 93%.

### Experience – quality guarantee

With years of experience and tried-and-tested technical solutions, we can guarantee that every element of the boiler meets the highest quality standards. We continually refine our products through rigorous quality controls.

### Safety

The safety of using the SolidGAS boiler is ensured by precisely designed elements, such as the gas valve equipped with a safety coil and the electrode serving as an ignition and flame detection device. Thanks to these solutions, users can enjoy peace of mind and comfort, knowing that their heating system operates safely and efficiently.

### Control

With the renowned Resideo (Honeywell) controller, boiler operation becomes incredibly intuitive. It provides easy control of both central heating and domestic hot water. A simple interface with separate function keys for adjusting CO and DHW temperatures ensures convenience and precision in setting preferred parameters.



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## Wally S

The Wally S boiler is a robust cast-iron heating system designed for long-lasting reliability and high efficiency. Featuring a heat exchanger made of premium Italian cast iron, this boiler has an expected lifespan of up to 25 years. It delivers greater heat output and efficiency compared to similar products on the market, ensuring consistent and optimal performance. The Wally S is designed with user convenience in mind. Its large loading gate accommodates bigger wood pieces, and its secondary air intake system supports „upper combustion” for cleaner and more efficient burning. The precision-engineered door handle is durable, and the soft door seal, along with vermiculite insulation, minimizes heat loss while preventing smoke leaks. The boiler also offers flexible conversion capabilities, allowing it to transform from a manually operated system to a fully automated one that can use eco-pea coal or pellet fuel. This versatility makes the Wally S adaptable to different heating needs and fuel preferences.

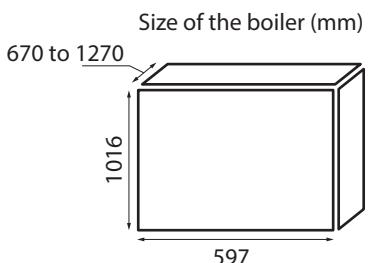
Wally S boiler is a reliable choice for efficient and long-lasting heating.



**10**  
★ YEARS ★  
WARRANTY

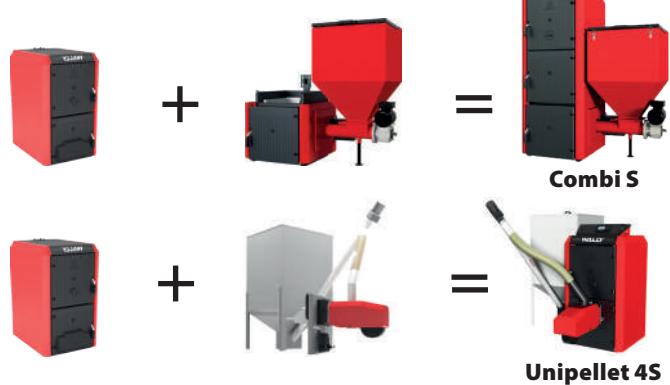
**3**  
CLASS  
THUMBS UP

CASTIRON  

TECHNICAL DATA	WALLY S23	WALLY S34	WALLY S45	WALLY S56	WALLY S67
Number of section	3	4	5	6	7
Boiler class – for fuel peat briquette	3	3	3	3	3
Nominal power- for fuel peat briquette	10 kW	15 kW	20 kW	25 kW	30 kW
Nominal power - for fuel coal (tested internal)	23 kW	34 kW	45 kW	56 kW	67 kW
Nominal power - for fuel wood (tested internal)	17 kW	25 kW	34 kW	42 kW	49 kW
Efficiency – for fuel peat briquette	75,52 %	77,62 %	79,71 %	78,43 %	77,15 %
Efficiency – for fuel coal / wood (tested)	~ 80 %	~ 80 %	~ 80 %	~ 80 %	~ 80 %
Max. possible wood lenght	260 mm	410 mm	560 mm	710 mm	860 mm
Water volume	30 dm <sup>3</sup>	39 dm <sup>3</sup>	48 dm <sup>3</sup>	57 dm <sup>3</sup>	66 dm <sup>3</sup>
Fumes temperature	100 ÷ 300 °C				
Possibility to install in closed circuit	YES	YES	YES	YES	YES
Connections diameter: inlet/outlet	2 "	2 "	2 "	2 "	2 "
Height/Width/Depth	1016/597/670 mm	1016/597/830 mm	1016/597/970 mm	1016/597/1120 mm	1016/597/1270 mm
Height of fumes outlet	825 mm				
Weight	226 kg	288 kg	350 kg	412 kg	474 kg
Conversion to retort burner	YES	YES	YES	YES	NO
Conversion to pellet burner	NO	YES	NO	NO	NO

### Conversions options:



### Top-quality performance

The high quality is also proven by precision door handle for safe and comfortable operation even after many years of use. Soft door seal provides excellent tightness (prevents the release of smoke from the boiler), door insulation is made of durable material (vermiculite), reducing heat losses to the environment and massive curtains provide sufficient durability against the fall of the door after several years of use.



#### Loading gate diameter

The largest loading gate, measuring 40x36cm, is 53% larger than standard cast-iron solid fuel boilers, allowing you to load bigger pieces of wood.

### Highest quality Italian cast iron

The cast iron boiler has incomparably greater durability than the steel one. We used a special boiler cast iron with a wall thickness of up to 12 mm to make the body. It is resistant to the effects of adverse factors: water and chemical corrosion as well as harmful compounds of phosphorus and sulfur.

### Compact cast iron exchanger

High thermal efficiency combines with low fuel consumption. In the Wally S boilers, significant heat recovery from combustion occurs on the cast iron grate. The traditional combustion chamber has been equipped with a specialized compact cast iron radiator with large heat recovery surface.

### Quality confirmed by a warranty

We carefully select every part of the boiler based on our years of experience, using only the materials and components we are confident in. Additionally, we subject every product to thorough quality control. This is a warranty that you receive a boiler that will serve you reliably for many years.

### Klimosz company warranty

As one of not many companies on the market, we provide a full 10-year warranty for the leakproofness of the exchanger. This is the best confirmation of the quality of our products. Detailed conditions can be found in the boiler's manual.

### Savings and Comfort

The Wally S is equipped with insulation from the renowned ROCKWOOL manufacturer, which significantly reduces heat losses to the environment. The boiler is easy to install, thanks to the 2" threaded flange at the top. Its compact dimensions allow installation in even the smallest boiler rooms.



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**ESTYMA IGNEO SLIM**
**KOMFORT RT-16P**


Support for heating circuits / heating zones	ESTYMA IGNEO SLIM	KOMFORT RT-16P
Number of circuits supported as standard	1	2
Support for the domestic hot water (DHW) tank and pump	YES	YES
Boiler return protection function (protects against low-temperature corrosion)	YES	YES
Operating mode function: SUMMER (DHW only) or WINTER (central heating + DHW)	YES	YES
DHW priority function (prioritized charging of the DHW tank)	YES	YES
Automatic burner cleaning function (blowing + movable grate)	YES	YES
Automatic ignition/shutdown/resumption of operation	YES	YES
Room sensor	YES	YES
Number of circuits supported with additional modules	max 16	max 4
Support for the domestic hot water (DHW) pump	YES	YES
Support for the DHW circulation pump	YES***	YES
Support for a buffer (accumulation) tank	YES***	NO
Compatibility with an additional heat source, e.g. heat pump	YES	YES
Compatibility with an additional DHW tank	YES	NO
Compatibility with solar collectors	YES	NO
Switching type (e.g., Auraton)	NO	YES
Additional functions available as standard:	ESTYMA IGNEO SLIM	KOMFORT RT-16P
Boiler operation controlled based on a weekly schedule	YES	YES*
Automatic boiler power adjustment (PID / FuzzyLogic algorithm)	YES	YES
Anti-Legionella function (heats the DHW tank for disinfection purposes)	NO	YES
Anti-STOP function (prevents pump stagnation outside the heating season)	YES	YES
Possibility of remote boiler control	YES**	YES**
Combustion process optimization using a lambda sensor	YES***	NO
Fuel level indication in the hopper on the controller / room thermostat	NO	NO

\* – Function available from the room thermostat (optional). \*\* – Requires an optional WiFi module. \*\*\* – Requires an optional module.

**ecoCONTROL**

**KOMFORT RT-16**

**KOMF. RT-16IND**


Burner support:	ecoCONTROL	KOMFORT RT-16	KOMF. RT-16 IND
Number of supported burners	1	1	2
Support for heating circuits / heating zones:	ecoCONTROL	KOMFORT RT-16	KOMF. RT-16 IND
Number of circuits supported as standard	1	2	4
Number of circuits supported with the B expansion module	-	-	-
Number of circuits supported with B and C modules	-	-	-
Support for DHW tanks / DHW pumps / circulation pumps	ecoCONTROL	KOMFORT RT-16	KOMF. RT-16 IND
Support for the domestic hot water (DHW) tank	YES	YES	YES
Support for the domestic hot water (DHW) pump	YES	YES	YES
Support for the DHW circulation pump	YES	YES	YES
Support for buffer tank / other heating devices:	ecoCONTROL	KOMFORT RT-16	KOMF. RT-16 IND
Support for a buffer (accumulation) tank	NO	NO	NO
Compatibility with an additional heat source, e.g., a fireplace or gas boiler	NO	YES	NO
Compatibility with room thermostats:	ecoCONTROL	KOMFORT RT-16	KOMF. RT-16 IND
Switching type (e.g., Auraton)	NO	YES	YES
Dedicated: PLUM ecoSTER 200 / PLUM ecoSTER TOUCH	NO	NO	NO
Dedicated: ecoCONTROL	YES	NO	NO
Functionality:	ecoCONTROL	KOMFORT RT-16	KOMF. RT-16 IND
Boiler operation control based on a weekly schedule	YES**	YES**	YES**
Automatic boiler power adjustment (PID / FuzzyLogic algorithm)	YES	YES	YES
Boiler return protection function (protects against low-temperature corrosion)	YES	YES	YES
Operating mode function: SUMMER (DHW only) or WINTER (central heating + DHW)	YES	YES	YES
DHW priority function (prioritized charging of the DHW tank)	YES	YES	YES
Anti-Legionella function (heating the DHW tank for disinfection purposes)	YES	YES	YES
Anti-STOP function (prevents pump stagnation outside the heating season)	YES	YES	YES
Possibility of remote boiler control	NO	YES***	YES***
Fuel level indication in the hopper on the controller / room thermostat	NO	NO	NO

\* – Requires the optional B expansion module. \*\* – Function available from the room thermostat (optional). \*\*\* – Requires an optional WiFi module.



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# PRODUCTION SERVICES

## MACHINE PARK

We have one of the most modern machine parks in Europe for the production of heating equipment, enabling us to efficiently deliver services at the highest European level. We have the necessary logistical and warehouse facilities at the junction with the national road DK-81.



## EXPERIENCE AND QUALITY

We specialize in the production of solid fuel boilers, metal parts, and complete components. We have many years of experience in this field. Thanks to our attention to detail and quality control at every stage of production, our products meet high standards.



## PRODUCTION / OEM

We manufacture according to the technical documentation provided by the client. We are also capable of producing an element using reverse engineering - replicating the delivered component and preparing technical documentation for it. We offer the possibility of OEM production tailored to a specific target market and client branding.

## WELDING

We offer metal welding in MIG/MAG technologies by a qualified team of welders with many years of experience.



## LASER CUTTING

We use 2D FIBER laser cutting technology on world-class CNC machines from Mitsubishi Electric, allowing for precise cutting of any designed shapes in hard materials such as steel, stainless steel, and aluminum. The use of lasers ensures that the edges of the material do not require additional processing. The maximum sheet size is 300x150 cm.



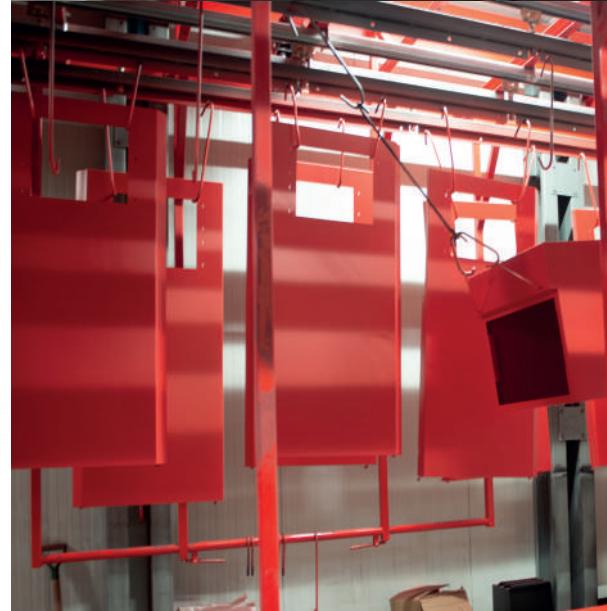
## BENDING

Our 7-axis press brake allows for precise bending. The maximum length of the bent element is 300 cm, and the maximum sheet thickness is 6 mm.



## POWDER COATING

We perform coating using the powder coating method, which is one of the most durable methods for covering metals. This type of coating provides a smooth surface with high resistance to chemical and mechanical factors, as well as much greater resistance to abrasion compared to other coating methods. The maximum dimensions of the coated element are: length 450 cm, width 122 cm, and height 220 cm.





#### Meaning of pictograms/icons:

	Pellet-fired boilers		Eco-pea coal boilers		Wood-fired boilers		Gas Boilers		Boiler class
	Intended for central heating systems		Intended for underfloor heating systems		Compatible with a hot water tank		On-demand domestic water heating		Eligible for subsidies
	Boiler certificate		Warranty period		ErP Class		Right-hand or left-hand version		Weather-based control
	Hot water tank		Standing tank		Heating element		Round cross-section		Single coil
	Power modulation		Basic LED controller		LCD controller with weekly and weather-based automation		Designed for photovoltaics		Tank capacity



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