



Ecological central heating boilers

Product catalogue 2025



The company with traditions

Kotłospaw is a modern company engaged in the production of central heating solid fuel boilers in the power range from **2.4 kW to 5.5 MW**, distinguished by high functionality and aesthetic values. It is already the third generation in the company, which continues family traditions dating back to the 1960s. The current production takes place in the modern production plant with the use of technologically advances machines based on a numerical production and control system. Only certified materials are used for production of boilers. The company's strategy is continuous development and building a brand that stands out for its quality, reliability and trust.

The Kotłospaw's offered products meet very stringent ecological and environmental protection requirements and have very high efficiency. By using the best solutions the company launches the products that are qualified for grants offered in the Flue Gas Low Emission Programmes.

The boilers have been tested for the highest class 5 energy efficiency in accordance with **EN 303-5**. All boilers meet the **ECO DESIGN** requirements in accordance with **Regulation (EU) 2015/1189**.

We care about the environment

Taking care about the environment, the company continuously improves its products e.g. the SlimKo Plus boiler, whose dust parameters are below 20 mg/m³, qualifies it to obtain grants for boilers.





Pellets - heat from nature

Pellets as biomass is considered an ecological and renewable fuel source. According to the European Union definition, biomass is the biodegradable fraction of products, waste and residues from agriculture, forestry and related industries.

Pellets have special properties and they are more often used for the heating systems in single-family buildings, offices and production facilities.

Pellets are produced by compressing wood shavings that are obtained as post-production wood waste in sawmills and other wood processing places and trees are not cut down for this purpose. Pellets can be produced both from hardwood and softwood.

The pellet calorific value depends on the raw materials from which pellets are produced and it ranges on average 16-20 MJ/kg.

The boilers manufactured by Kottospaw have efficiency above 90%, which in combination with pellet burning makes them a very efficient heating source. Pellet burning results in low emissions of NO_x and SO_x, and the amount of ash is small i.e. about 5 kg per tonne of burned biomass.

It is also worth noting that ash obtained from high quality pellets can be used as a great natural fertilizer for lawns.



SlimKo Plus (Easy ROT burner)

[8-35 kW]

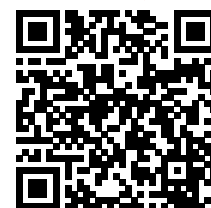
SlimKo Plus is the latest Kottospaw product that is equipped with the reliable and proven **Easy ROT rotary pellet burner**. The boiler has been tested in accordance with the latest **EN 303-5+A1:2023-05** and meets the increased flue gas emission standards.

The **SlimKo Plus** boiler consists of three basic parts: the heat exchanger made of the attested 6mm thick P265GH steel plates; the pellet burner with a rotary combustion chamber made of the most durable material available on the market – high chromium alloy with heat resistant and incandescent resistant properties, owing to which it is provided with 5 year warranty; the fuel hopper put on the boiler top.

The combustion process is monitored by the latest version of the **Plum ecoMAX 860P** controller with improved combustion algorithms and operation, better power modulation, fully automatic operation and no need to correct settings by the customer.

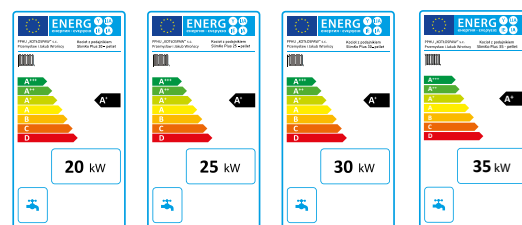
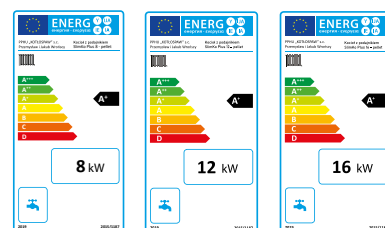
SlimKo Plus boilers are registered in the European Product Database for Energy Labelling (EPREL).

Extensions for the charging hopper. An increase in the hopper capacity by further tens of kilograms. The possibility of their installation even in the boilers from previous years.



Dimensions of extensions for charging hopper

Boiler power	Increase in capacity	Width	Length	Height
8 kW	85l/55kg	480 mm	735 mm	250 mm
12/16 kW	100l/60 kg	560 mm	735 mm	250 mm
20/25 kW	120l/72 kg	685 mm	735 mm	250 mm
30/35 kW	140l/84 kg	754 mm	735 mm	250 mm

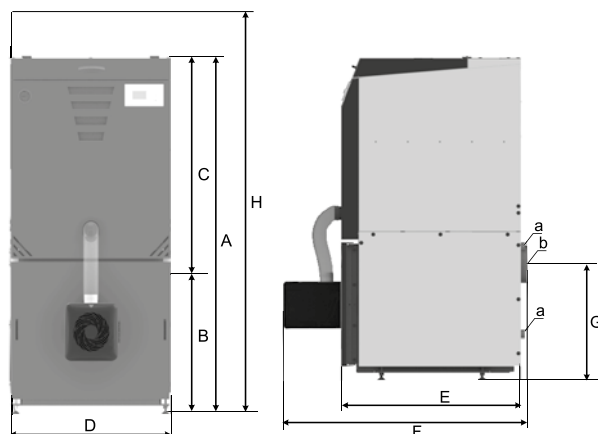


Technical parameters

Boiler type		Parameter	SlimKo Plus 8	SlimKo Plus 12	SlimKo Plus 16	SlimKo Plus 20	SlimKo Plus 25	SlimKo Plus 30	SlimKo Plus 35
Boiler power		kW	8	12	16	20	25	30	35
Power range		kW	2,4-8	3,6-12	4,8-16	6-20	7,5-25	9-30	10,5-35
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	25-80	80-120	120-160	160-200	200-250	250-300	300-350
	Thermal insulation 75W/m ²		40-100	100-150	150-200	200-260	260-320	320-400	400-470
Set weight without water		kg	220	260	265	320	325	380	385
Boiler water capacity		l	30	43	43	67	67	80	80
Fuel		Pellets in diameter of 6+1 mm, 8±1 mm; length 3.15 mm ÷ 40 mm; dust content ≤ 1%; bulk density ≥ 600 kg/m ³ - 700 kg/m ³ ; moisture ≤ 12%; calorific value > 17 MJ/kg; ash ≤ 0.5%							
Fuel hopper capacity		kg	86	103	103	128	128	141	141
Thermal efficiency at nominal power		%	90,1	90,5	90,9	91,1	91,5	91,3	91,2
Operating pressure		bar	2,0						
Maximum water temperature		°C	85						
Chimney draft		Pa	15	15	20	20	20	25	25
Power supply		[W]	230V/50Hz						
Power consumption [min. operation]		[W]	14	23	30	32	32	35	37
Power consumption [max. operation]		[W]	281	281	281	281	281	289	296
Power consumption		[W]	26	36	46	53	60	61	62
Igniter power		[W]	300						
Connection ports		ø	4 x 1" female thread (2x supply, 2x return)						

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.

Boiler dimensions



SlimKo Plus	Unit	8 kW	12 kW	16 kW	20 kW	25 kW	30 kW	35 kW
A	mm	1260	1315	1315	1420	1420	1505	1505
B	mm	495	550	550	655	655	740	740
C	mm	765	765	765	765	765	765	765
D	mm	480	560	560	685	685	754	754
E	mm	785	785	785	785	785	785	785
F	mm	1100	1100	1100	1100	1100	1100	1100
G	mm	375	440	440	508	508	590	590
H	mm	1730	1785	1785	1890	1890	1975	1975
a	mm	1"	1"	1"	1"	1"	1"	1"
b	mm	160	160	160	160	160	160	160

SlimKo Plus (Revo burner)

[12-30 kW]

SlimKo Plus is the latest Kottospaw product that is equipped with the reliable and proven **Revo rotary pellet burner**. The boiler has been tested in accordance with the latest **EN 303-5:2021** and meets the increased flue gas emission standards.

The **SlimKo Plus** boiler consists of three basic parts: the heat exchanger made of the attested 6mm thick P265GH steel plates; the pellet burner with a rotary combustion chamber made of the most durable material available on the market – high chromium alloy with heat resistant and incandescent resistant properties, owing to which it is provided with 5 year warranty; the fuel hopper put on the boiler top.



As a part of our **certificate**, the Office of Technical Inspection (UDT) supervises our production and certifies the stability and repeatability of production.

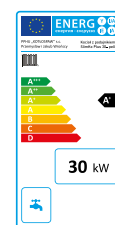
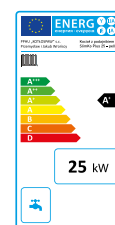
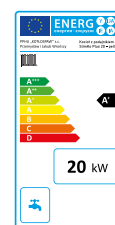
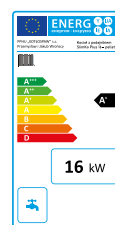
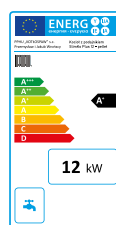
The combustion process is monitored by the latest version of the **Plum ecoMAX 860P** controller with improved combustion algorithms and operation, better power modulation, fully automatic operation and no need to correct settings by the customer.

SlimKo Plus boilers are registered in the European Product Database for Energy Labelling (EPREL).

Extensions for the charging hopper. An increase in the hopper capacity by further tens of kilograms. The possibility of their installation even in the boilers from previous years.

Dimensions of extensions for charging hopper

Boiler power	Increase in capacity	Width	Length	Height
12/16 kW	100l/60 kg	560 mm	735 mm	250 mm
20/25 kW	120l/72 kg	685 mm	735 mm	250 mm
30/35 kW	140l/84 kg	754 mm	735 mm	250 mm

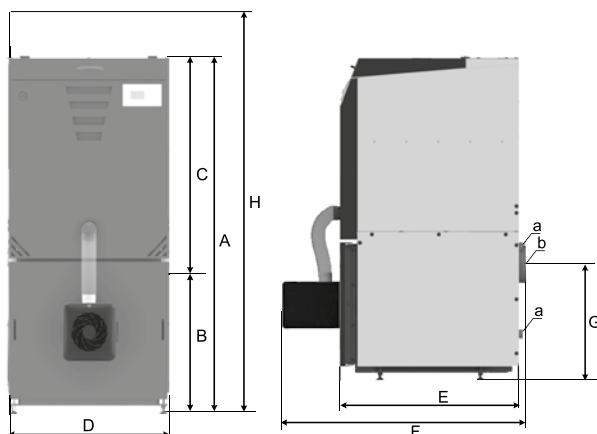


Technical parameters

Boiler type		Parameter	SlimKo Plus 12	SlimKo Plus 16	SlimKo Plus 20	SlimKo Plus 25	SlimKo Plus 30
Boiler power		kW	12	16	20	25	30
Power range		kW	3,6-12	4,8-16	6-20	7,5-25	9-30
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	40-110	110-160	160-200	200-240	240-300
	Thermal insulation 75W/m ²		80-150	150-200	200-260	260-320	320-400
Set weight without water		kg	260	265	320	325	380
Boiler water capacity		l	43	43	67	67	80
Fuel			6-8 mm pellets, granulate fraction, calorific value > 17 MJ/ kg.				
Fuel hopper capacity		kg	103	103	128	128	141
Thermal efficiency at nominal power		%	93,3	93,3	93,3	92,2	91
Maximum operating pressure		bar	2				
Maximum temperature of the heating medium		°C	85				
Required exhaust gas draft		Pa	15	15	20	20	25
Power supply		[W]	230V/50Hz				
Power consumption [min. operation]		[W]	60		57,6		57,9
Power consumption [max. operation]		[W]	78,1	83,6	77,6	82,8	93
Power consumption [start]		[W]	367				
Igniter power		[W]	300				
Connection ports		ø	4 x 1" female thread (2x supply, 2x return)				

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.

Boiler dimensions



SlimKo Plus	Unit	12 kW	16 kW	20 kW	25 kW	30 kW
A	mm	1315	1315	1420	1420	1505
B	mm	550	550	655	655	740
C	mm	765	765	765	765	765
D	mm	560	560	685	685	754
E	mm	785	785	785	785	785
F	mm	1100	1100	1100	1100	1100
G	mm	440	440	508	508	590
H	mm	1785	1785	1890	1890	1975
a	mm	1"	1"	1"	1"	1"
b	mm	160	160	160	160	160

SlimKo Plus (Easy ROT burner)

[8-35 kW]

with a free-standing hopper

The solution for persons who want to load fuel into the hopper less often because of the hopper location on any side of the boiler. It is a very good solution for low boiler rooms that are characteristic of older buildings.

SlimKo Plus is equipped with the reliable and proven **Easy ROT** rotary pellet burner. The boiler has been tested in accordance with the latest **EN 303-5+A1:2023-05** and meets the increased flue gas emission standards.

The **SlimKo Plus** boiler consists of the heat exchanger made of the attested 6mm thick P265GH steel plates; the pellet burner with a rotary combustion chamber made of the most durable material available on the market – high chromium alloy with heat resistant and incandescent resistant properties, owing to which it is provided with 5 year warranty. The boiler is equipped with a pellet feeder and 1 m long spiro pipe.

The combustion process is monitored by the latest version of the **Plum 860P** controller with improved combustion algorithms and operation, better power modulation, fully automatic operation and no need to correct settings by the customer.

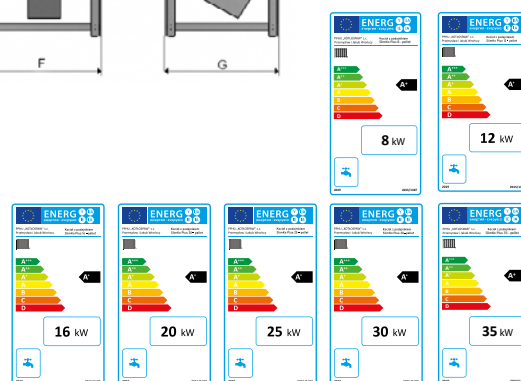
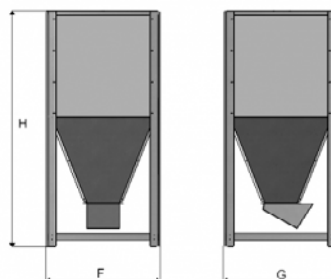
SlimKo Plus boilers are registered in the **European Product Database for Energy Labelling (EPREL)**.

You can choose a free-standing hopper for the boiler from our offer: 200l, 330l, 440l, 660l, 820l, 1200l, 2100l.



Dimensions of extensions for charging hopper

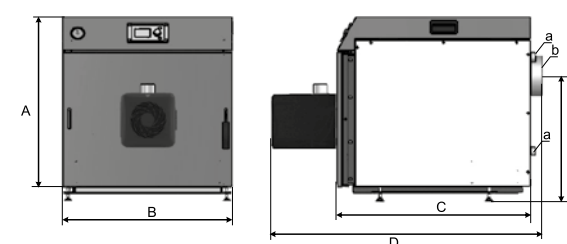
Hopper	Unit	200 l	330 l	440 l	660 l	820 l	1200 l	2100 l
F	mm	580	700	900	900	900	1100	1900
G	mm	580	700	700	900	900	1100	1900
H	mm	1300	1510	1510	1510	1710	1710	1500



Technical parameters

Boiler type		Parameter	SlimKo Plus 8	SlimKo Plus 12	SlimKo Plus 16	SlimKo Plus 20	SlimKo Plus 25	SlimKo Plus 30	SlimKo Plus 35
Boiler power		kW	8	12	16	20	25	30	35
Power range		kW	2,4-8	3,6-12	4,8-16	6-20	7,5-25	9-30	10,5-35
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	25-80	80-120	120-160	160-200	200-250	250-300	300-350
	Thermal insulation 75W/m ²		40-100	100-150	150-200	200-260	260-320	320-400	400-470
Set weight without water		kg	185	225	230	290	295	350	355
Boiler water capacity		l	30	43	43	67	67	80	80
Fuel		Pellets in diameter of 6±1 mm, 8±1 mm; length 3.15 mm ÷ 40 mm; dust content ≤ 1%; bulk density ≥ 600 kg/m ³ - 700 kg/m ³ ; moisture ≤ 12%; calorific value > 17 MJ/kg; ash ≤ 0.5%							
Fuel hopper capacity		l	According to the order: 200, 330, 440, 660, 820, 1200, 2100						
Thermal efficiency at nominal power		%	90,1	90,5	90,9	91,1	91,5	91,3	91,2
Operating pressure		bar	2,0						
Maximum water temperature		°C	85						
Chimney draft		Pa	~20						
Power supply		[W]	230V/50Hz						
Power consumption [min. operation]		[W]	14	23	30	32	32	35	37
Power consumption [max. operation]		[W]	281	281	281	281	281	289	296
Power consumption		[W]	26	36	46	53	60	61	62
Igniter power		[W]	300						
Dimensions of the flue section		ø	160						
Connection ports		ø	4 x 1" female thread (2x supply, 2x return)						

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.



Boiler dimensions

SlimKo Plus	Unit	8 kW	12 kW	16 kW	20 kW	25 kW	30 kW	35 kW
A	mm	570	645	645	750	750	835	835
B	mm	481	560	560	685	685	754	754
C	mm	785	785	785	785	785	785	785
D	mm	1100	1100	1100	1100	1100	1100	1100
E	mm	375	440	440	508	508	590	590
a	mm	1"	1"	1"	1"	1"	1"	1"
b	mm	160	160	160	160	160	160	160

SlimKo Plus (Revo burner)

[12-30 kW]

with a free-standing hopper

The solution for persons who want to load fuel into the hopper less often because of the hopper location on any side of the boiler. It is a very good solution for low boiler rooms that are characteristic of older buildings.

SlimKo Plus is equipped with the reliable and proven **Revo rotary pellet burner**. The boiler has been tested in accordance with the latest **EN 303-5:2021** and meets the increased flue gas emission standards.

The **SlimKo Plus** boiler consists of the heat exchanger made of the attested 6mm thick P265GH steel plates; the pellet burner with a rotary combustion chamber made of the most durable material available on the market – high chromium alloy with heat resistant and incandescent resistant properties, owing to which it is provided with 5 year warranty. The boiler is equipped with a pellet feeder and 1 m long spiro pipe.

As a part of our **certificate**, the Office of Technical Inspection (UDT) supervises our production and certifies the stability and repeatability of production.

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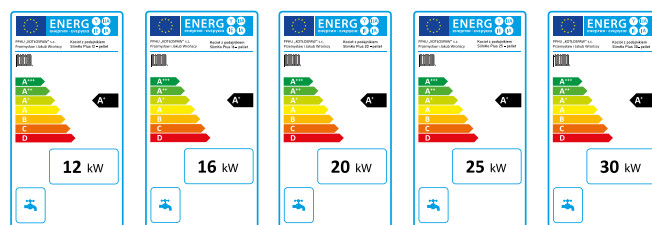
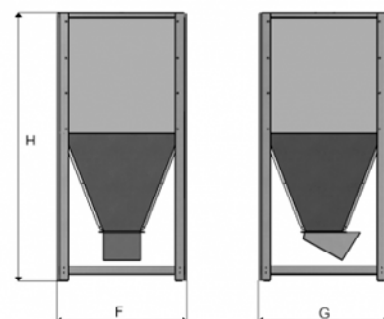
SlimKo Plus boilers are registered in the European Product Database for Energy Labelling (EPREL).

You can choose a free-standing hopper for the boiler from our offer: 200l, 330l, 440l, 660l, 820l, 1200l, 2100l.



Dimensions of extensions for charging hopper

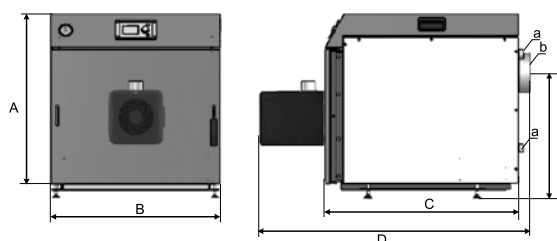
Hopper	Unit	200 l	330 l	440 l	660 l	820 l	1200 l	2100 l
F	mm	580	700	900	900	900	1100	1900
G	mm	580	700	700	900	900	1100	1900
H	mm	1300	1510	1510	1510	1710	1710	1500



Technical parameters

Boiler type		Parameter	SlimKo Plus 12	SlimKo Plus 16	SlimKo Plus 20	SlimKo Plus 25	SlimKo Plus 30
Boiler power		kW	12	16	20	25	30
Power range		kW	3,6-12	4,8-16	6-20	7,5-25	9-30
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	40-110	110-160	160-200	200-240	240-300
	Thermal insulation 75W/m ²		80-150	150-200	200-260	260-320	320-400
Set weight without water		kg	225	230	290	295	350
Boiler water capacity		l	43	43	67	67	80
Fuel		6-8 mm pellets, granulate fraction, calorific value > 17 MJ/					
Fuel hopper capacity		l	According to the order: 200, 330, 440, 660, 820, 1200, 2100				
Thermal efficiency at nominal power		%	93,3	93,3	93,3	92,2	91
Maximum operating pressure		bar	2				
Maximum temperature of the heating medium		°C	85				
Required exhaust gas draft		Pa	15	15	20	20	25
Power supply		[W]	230V/50Hz				
Power consumption [min. operation]		[W]	60		57,6		57,9
Power consumption [max. operation]		[W]	78,1	83,6	77,6	82,8	93
Power consumption [start]		[W]	367				
Igniter power		[W]	300				
Connection ports		ø	4 x 1" female thread (2x supply, 2x return)				

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.



Boiler dimensions

SlimKo Plus	Unit	12 kW	16 kW	20 kW	25 kW	30 kW
A	mm	645	645	750	750	835
B	mm	560	560	685	685	750
C	mm	785	785	785	785	785
D	mm	1100	1100	1100	1100	1100
E	mm	440	440	508	508	590
a	mm	1"	1"	1"	1"	1"
b	mm	160	160	160	160	160

SlimKo MAXI

[50-520 kW]

The **SlimKo MAXI** series of boilers meet the requirements concerning environmental protection and class 5 energy efficiency (the highest one) set out in **EN 303-5+A1:2023-05**. It also meets the **ECODESIGN** requirements in accordance with **Regulation (EU) 2015/1189**.

The **SlimKo MAXI** series of high power boilers are modern heating equipment based on the high efficient tube heat exchanger that ensures maximum efficiency of heat collection. They are designed for heating large spaces such as offices, schools, workshops and halls.

It is possible to configure the boilers in a cascade system, which significantly increases the heating power. It is recommended to use two boilers for large sites due to savings in autumn and spring periods when only one boiler can be operated.

The heating process in the **SlimKo MAXI** boilers runs in a maintenance-free manner and in combination with the automation used, it can be operated with a weather sensor along with the regulation of mixers.

The boiler is equipped with the Easy STEP pellet burner and optionally it can be provided with an automatic system of ash removal into an external container. In addition, the boilers can be equipped with a pneumatic pellet feeding system from other rooms or outdoor silos and even with a bar controller or pneumatic heat exchanger cleaning.

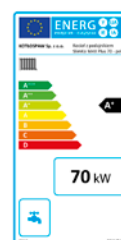
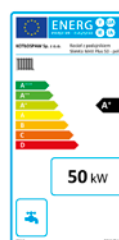
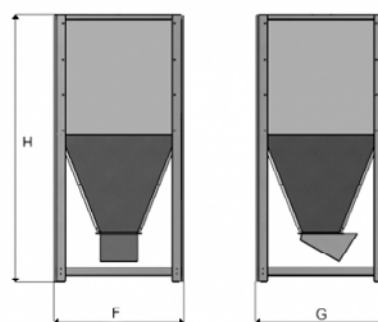
SlimKo MAXI boilers up to 70kW are registered in the European Product Database for Energy Labelling (EPREL).

Equipping the SlimKo MAXI series of boilers with the ecoNET300 internet module as standard makes it possible to provide **24-hour on-line service** from any location.



Dimensions of extensions for charging hopper

Hopper	Unit	200 l	330 l	440 l	660 l	820 l	1200 l	2100 l
F	mm	580	700	900	900	900	1100	1900
G	mm	580	700	700	900	900	1100	1900
H	mm	1300	1510	1510	1510	1710	1710	1500

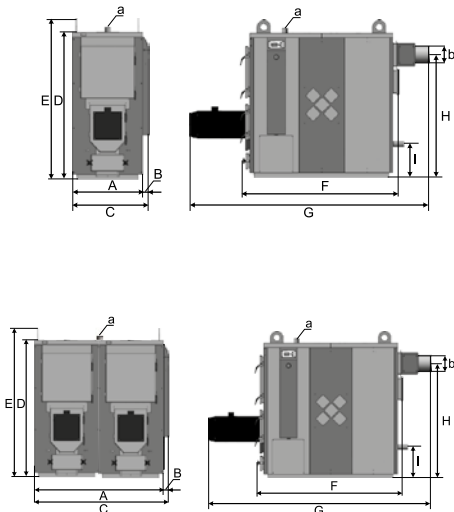


Technical parameters

Boiler type		Parameter	SlimKo MAXI 50	SlimKo MAXI 65	SlimKo MAXI 80	SlimKo MAXI 100	SlimKo MAXI 125	SlimKo MAXI 150	SlimKo MAXI 200	SlimKo MAXI 250	SlimKo MAXI 300	SlimKo MAXI 350	SlimKo MAXI 400	SlimKo MAXI 520
Boiler power		kW	50	65	80	100	125	150	200	250	300	350	400	520
Power range		kW	15-50	19,5-65	24-80	30-100	37,5-125	45-150	60-200	75-250	90-300	105-350	120-400	156-520
Set weight without water		kg	680	692	880	944	950	1605	1653	2986	2998	3094	3094	4240
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	150-500	200-650	240-800	300-1000	380-1250	450-1500	600-2000	750-2500	900-3000	1150-3500	1200-4000	1450-5200
	Thermal insulation 75W/m ²		200-650	270-870	320-1070	400-1340	510-1670	600-2000	800-2650	1000-3340	1200-4000	1400-4670	1600-5340	1333-6930
Boiler water capacity		l	282	282	421	421	421	747	747	1395	1395	1395	1395	2470
Fuel		6 mm pellets, granulate fraction, calorific value > 17 MJ/kg. Fuel class C1 according to PN-EN 303-5+A1:2023-05												
Efficiency		%	91,7	91,8	91,9	92	92,1	92,3	92,6	91,7	90,8	89,9	89	
Maximum operating pressure		bar	2											
Maximum water temperature		°C	85											
Dimensions of the flue section		ø	180	180	180	180	180	250	250	300	300	300	300	400
Power consumption [min. operation]		[W]	39	47	55	63	68	73	83	97,3	111,5	125,8	140	170
Power consumption		[W]	93	111	130	149	160,5	171,5	194	252,3	310,5	368,8	427	543
Power consumption [max. operation]		[W]	279	307	334	361	442,5	524	687	580	1088	1325	1563	1800
Power supply		V/Hz	230V/50Hz											
Igniter power		[W]	300	300	300	300	300	300	2x300	2x300	2x300	2x300	2x300	2x300

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations.
Possibility of installation in a closed system.

Boiler dimensions



SlimKo MAXI	Unit	50 kW	65 kW	80 kW	100 kW	125 kW	150 kW	200 kW	250 kW	300 kW	350 kW	400 kW	520 kW
A	mm	740	740	740	740	740	956	956	1784	1784	1784	1784	1858
B	mm	65	65	65	65	65	65	65	65	65	65	65	65
C	mm	805	805	805	805	805	1021	1021	1849	1849	1849	1849	1988
D	mm	1552	1552	1552	1552	1552	1705	1705	1705	1705	1705	1705	2200
E	mm	1687	1687	1687	1687	1687	1840	1840	1840	1840	1840	1840	2335
F	mm	1162	1162	1648	1648	1678	2175	2175	2175	2175	2175	2175	2680
G	mm	1823	1869	2378	2450	2450	3298	3298	3298	3298	3298	3298	3880
H	mm	1318	1318	1318	1318	1318	1459	1459	1480	1480	1480	1480	1850
I	mm	359	359	359	359	359	400	400	410	410	410	410	635
a	mm	2"	2"	2"	2"	2"	DN 80	DN 80	DN 125	DN 125	DN 125	DN 125	DN 150
b	mm	180	180	180	180	180	250	250	300	300	300	300	400

DuoKo Plus

[15-24 kW]

The **DuoKo Plus** top channel central heating pellet fired boiler meets all ECODESIGN and class 5 requirements according to **EN 303-5: 2021-09** and therefore it is a reliable, maintenance-free and efficient source of heat for small and large living and business premises.

The boiler is equipped with a self-cleaning burner with a rotary combustion chamber and automatic igniter.

In addition to operation of the burner, the boiler automation used makes it possible to operate an extensive, modern heating system in the weather compensation mode using a mixing valve.

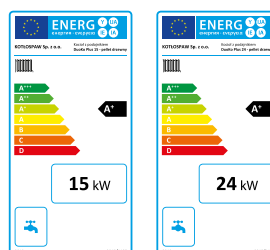
Remote control with a room thermostat (option) enables the user to operate the system, ensuring comfort temperature of the heated rooms.

The design of the heat exchanger has been optimized in order to obtain a very high-quality combustion process. The result of these actions is very high thermal efficiency of the boiler and low emission of pollutants into the atmosphere.

Thanks to the automation of all processes, starting from combustion of solid fuel, through automatic switching on and off the blower, to self-cleaning of the burner, the only operating steps necessary to be performed at the **DuoKo Plus** central heating furnace are to remove ash and refill the pellet hopper.



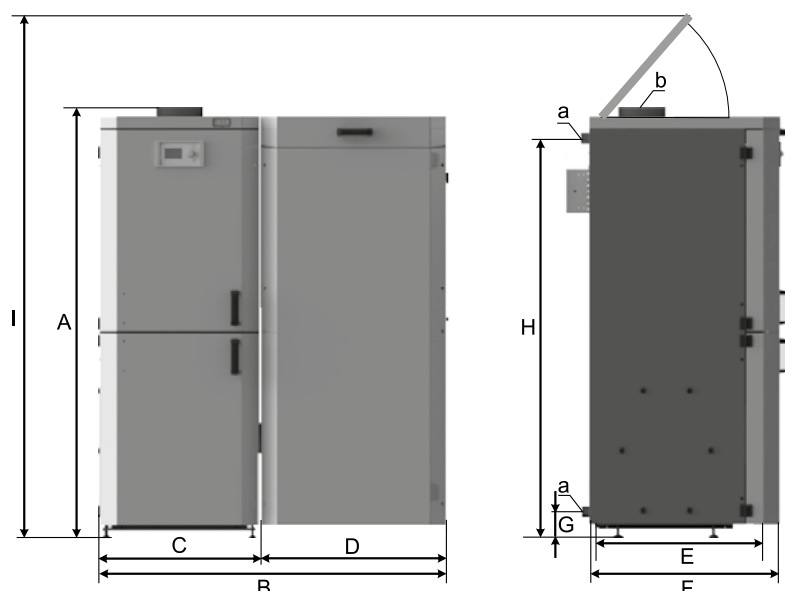
DuoKo Plus boilers are registered in the European Product Database for Energy Labelling (EPREL).



Technical parameters

Boiler type		Parameter	DuoKo Plus 15	DuoKo Plus 24
Boiler power		kW	15	24
Power range		kW	4,5-15	6,5-24
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	0-150	150-240
	Thermal insulation 75W/m ²		0-200	200-320
Set weight without water		kg	347	347
Boiler water capacity		l	74	74
Fuel		pellets	6-8 mm pellets, granulate fraction, calorific value > 17 MJ/kg.	
Fuel hopper capacity		kg	145	145
Efficiency		%	93,0	92,2
Maximum operating pressure		bar	2	
Maximum temperature of the heating medium		°C	85	
Power supply		[W]	230V/50Hz	
Power consumption [operation/start]		[W]	72 / 240	90 / 240
Igniter power		[W]	300	
Connection ports		ø	4 x 1" female thread (supply and return)	

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.



Boiler dimensions

DuoKo Plus	Unit	15 kW	24 kW
A	mm	1459	1459
B	mm	1173	1173
C	mm	508	508
D	mm	628	628
E	mm	505	505
F	mm	616	616
G	mm	89	89
H	mm	1354	1354
I	mm	1854	1854
a	Gw	1"	1"
b	mm	160	160

DrewKo Hybrid boiler (Easy ROT burner)

[12-24 kW]

The **DrewKo Hybrid** boiler has been designed for the coming time when it is difficult to decide which fuel to use for heating the house.

The boiler is adapted for wood gasification with the possibility of burning pellets in accordance with **EN 303-5:2021-09**.

It is equipped with a self-cleaning pellet burner with a rotary combustion chamber. The boiler is equipped with a pellet feeder and 1 m long spiro pipe.

The requirement for proper operation of the boiler is to install it together with the heat buffer according to the boiler power.

The choice of fuel to be burned – pellet or wood is selected from the boiler controller. Full automatic fuel switch from wood to pellet – only with Easy Rot burner controller.

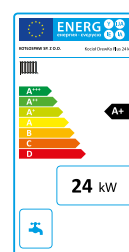
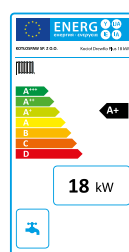
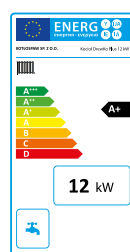
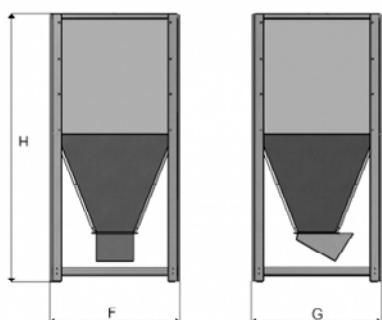


DrewKo Hybrid boilers are registered in the European Product Database for Energy Labelling (EPREL).

The boiler can be provided with a free-standing hopper made of galvanized steel from our offer. The hopper can be located on any side of the boiler.

Dimensions of extensions for charging hopper

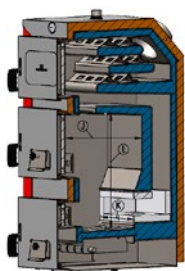
Hopper	Unit	200 l	330 l	440 l	660 l	820 l	1200 l	2100 l
F	mm	580	700	900	900	900	1100	1900
G	mm	580	700	700	900	900	1100	1900
H	mm	1300	1510	1510	1510	1710	1710	1500



Technical parameters

Boiler type		Parameter	DrewKo Hybrid 12	DrewKo Hybrid 18	DrewKo Hybrid 24
Boiler power		kW	12	18	24
Power range		kW	3,6-12	5,4-18	7,2-24
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	do 120	120÷180	180÷240
	Thermal insulation 75W/m ²		do 160	160÷240	240÷320
Set weight without water		kg	375	405	443
Boiler water capacity		l	73	81	90
Fuel	basic	wood	Splints and logs of hardwood. Calorific value 17 MJ/kg. Moisture 12-20%. Ash content ≤ 1%. Log circumference 30-40 cm.		
	alternative	pellets	6-8 mm pellets, granulate fraction, calorific value > 17 MJ/kg.		
Fuel hopper capacity		l	According to the order: 200, 330, 440, 660, 820, 1200, 2100		
Recommended capacity of the buffer tank		l	500	760	1000
Efficiency at nominal thermal power	wood	%	90	89,3	88,5
	pellets	%	91,5	91,2	90,8
Maximum operating pressure		bar	2		
Maximum temperature of the heating medium		°C	85		
Required exhaust gas draft		Pa	~20		
Power supply		V/Hz	230/50		
Power consumption [min. operation]		W	29	34	36
Power consumption [max. operation]		W	49	55	59
Pobór mocy [rozruch]		W	367		
Moc zapalarki		W	300		

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.

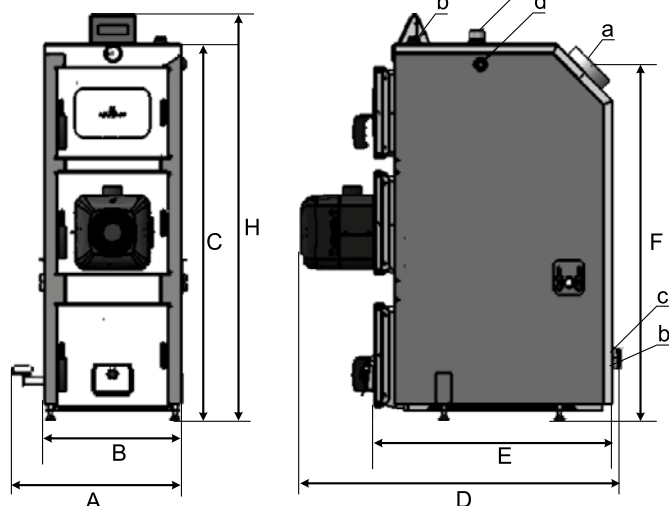


Dimensions of combustion chamber

DrewKo Hybrid	Unit	12-18 kW	24 kW
J	depth	391	391
K	width	295	360
L	height	556	556

Boiler dimensions

DrewKo Hybrid	Unit	12 kW	18 kW	24 kW
A	mm	577	577	642
B	mm	455	455	520
C	mm	1162	1240	1240
D	mm	1060	1060	1060
E	mm	790	790	790
F	mm	1100	1194	1194
H	mm	1206	1340	1340
a	φ	160	160	160
b	Gw	¾"	¾"	¾"
c	Gz	1,5"	1,5"	1,5"
d	Gw	½"	½"	½"



DrewKo Hybrid boiler (Revo burner)

[12-24 kW]

The **DrewKo Hybrid** boiler has been designed for the coming time when it is difficult to decide which fuel to use for heating the house.

The boiler is adapted for wood gasification with the possibility of burning pellets in accordance with **EN 303-5:2021-09**.

It is equipped with a self-cleaning pellet burner with a rotary combustion chamber made of the most durable material available on the market – high chromium alloy with heat resistant Si and incandescent resistant properties, owing to which it is provided with 5 year warranty.

The boiler is equipped with a pellet feeder and 1 m long spiro pipe. The requirement for proper operation of the boiler is to install it together with the heat buffer according to the boiler power.

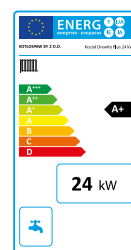
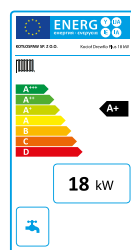
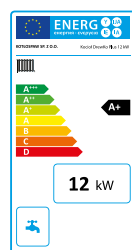
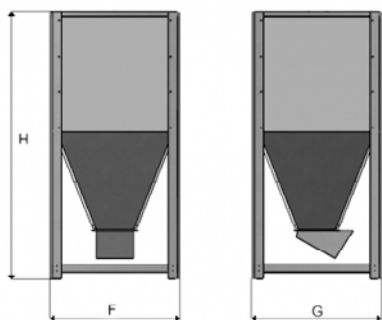
The choice of fuel to be burned - pellet or wood is selected from the boiler controller. Full automatic fuel switch from wood to pellet – only with Easy Rot burner controller.

DrewKo Hybrid boilers are registered in the European Product Database for Energy Labelling (EPREL).

The boiler can be provided with a free-standing hopper made of galvanized steel from our offer. The hopper can be located on any side of the boiler.

Dimensions of extensions for charging hopper

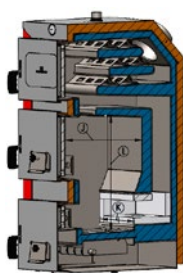
Hopper	Unit	200 l	330 l	440 l	660 l	820 l	1200 l	2100 l
F	mm	580	700	900	900	900	1100	1900
G	mm	580	700	700	900	900	1100	1900
H	mm	1300	1510	1510	1510	1710	1710	1500



Technical parameters

Boiler type		Parameter	DrewKo Hybrid 12	DrewKo Hybrid 18	DrewKo Hybrid 24
Boiler power		kW	12	18	24
Power range		kW	3,6-12	5,4-18	7,2-24
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	do 120	120÷180	180÷240
	Thermal insulation 75W/m ²		do 160	160÷240	240÷320
Set weight without water		kg	375	405	443
Boiler water capacity		l	73	81	90
Fuel	basic	wood	Splints and logs of hardwood. Calorific value 17 MJ/kg. Moisture 12-20%. Ash content ≤ 1%. Log circumference 30-40 cm.		
	alternative	pellets	6-8 mm pellets, granulate fraction, calorific value > 17 MJ/kg.		
Fuel hopper capacity		l	According to the order: 200, 330, 440, 660, 820, 1200, 2100		
Recommended capacity of the buffer tank		l	500	760	1000
Efficiency at nominal thermal power	wood	%	90	89,3	88,5
	pellets	%	91,8	91,9	91,9
Maximum operating pressure		bar	2		
Maximum temperature of the heating medium		°C	85		
Required exhaust gas draft		Pa	~20		
Power supply		V/Hz	230/50		
Power consumption [min. operation]		W	18	18	18
Power consumption [max. operation]		W	31	32	33
Pobór mocy [rozruch]		W	367		
Moc zapalarki		W	300		

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.

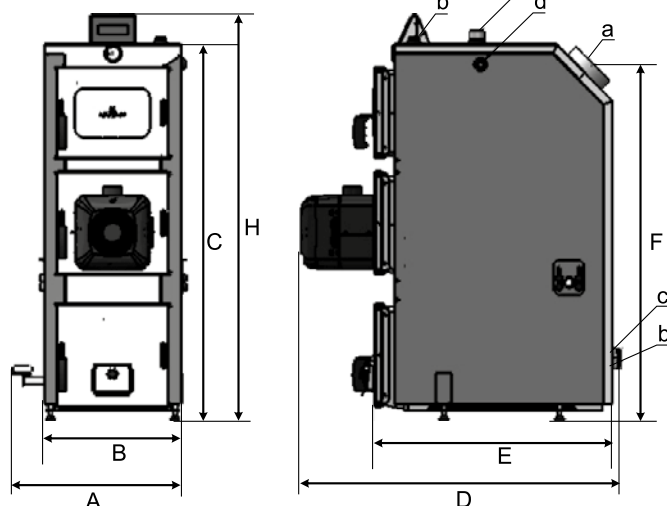


Dimensions of combustion chamber

DrewKo Hybrid	Unit	12-18 kW	24 kW
J	depth	391	391
K	width	295	360
L	height	556	556

Boiler dimensions

DrewKo Hybrid	Unit	12 kW	18 kW	24 kW
A	mm	577	577	642
B	mm	455	455	520
C	mm	1162	1240	1240
D	mm	1060	1060	1060
E	mm	790	790	790
F	mm	1100	1194	1194
H	mm	1206	1340	1340
a	φ	160	160	160
b	Gw	¾"	¾"	¾"
c	Gz	1,5"	1,5"	1,5"
d	Gw	½"	½"	½"



DrewKo boiler [12-24 kW]

The boiler with manual fuel loading, gasifying wood, designed to work with a heat buffer. The product meets the requirements of the latest **EN 303-5: 2021-09**, obtaining excellent emissivity results in an accredited research laboratory – it has the **ecodesign** and **class 5** certificates.

DrewKo is a bottom combustion boiler with a simple structure that facilitates everyday use. Its combustion chamber has a ceramic nozzle and screens, ensuring we obtain excellent high efficiency. The boiler can accommodate logs with a circumference of up to 400 mm and up to 390 mm long!

The **DrewKo** boiler is a perfect solution in a time with continuously rising and unstable prices of energy such as coal, heating oil and gas. If you have the DrewKo boiler you don't contribute to the increase in harmful CO₂ in the atmosphere, because burning a renewable fuel such as woody biomass gives net zero emissions of CO₂.

The requirement for proper operation of the boiler is to install it together with the heat buffer according to the boiler power. **DrewKo** can be installed in an open and closed system up to 2 bar with the use of a safety valve.



The boiler can be equipped with:

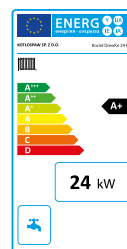
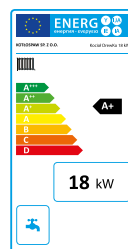
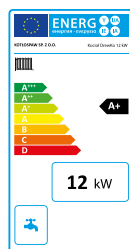
KT-260 controller for manually fed boilers.

It controls operation of: exhaust fan, central heating pump and domestic hot water pump.

KT-205 extension module for manually fed boilers.

The standard module controls: mixing valve, mixer pump, buffer with top/bottom sensors.

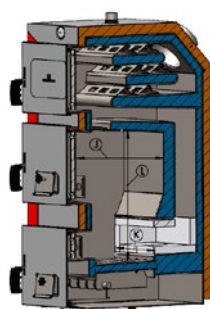
DrewKo boilers are registered in the European Product Database for Energy Labelling (EPREL).



Technical parameters

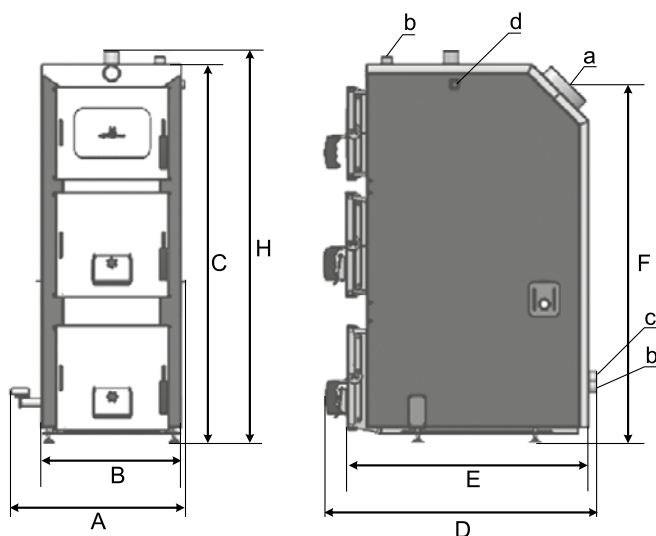
Boiler type		Parameter	DrewKo 12	DrewKo 18	DrewKo 24
Boiler power		kW	12	18	24
Min. safe capacity of the buffer tank		l	504	756	1008
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	do 120	120÷180	180÷240
	Thermal insulation 75W/m ²		do 160	160÷240	240÷320
Boiler water capacity		l	73	81	90
Fuel		wood	Splints and logs of hardwood. Calorific value 17 MJ/kg. Moisture 12-20%. Ash content ≤ 1%. Log circumference 30-40 cm		
Max. fuel consumption		kg/h	2,14	2,61	3,79
Chimney draft		mbar	0,28	0,29	0,29
Boiler weight		kg	340	370	408
Energy class			A+		
Useful efficiency at nominal thermal power		%	90,0	89,3	88,5
Operating pressure		bar	2		
Fuel weight in the combustion chamber		kg	19	21	25
Flammability		h	2		
Max. operating/return temperature		°C	95	95	95
Min. return temperature		°C	55	55	55

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations.
Possibility of installation in a closed system.



Dimensions of combustion chamber

DrewKo	Unit	DrewKo 12-18 kW	DrewKo 24 kW
J	depth	391	391
K	width	295	360
L	height	556	556



Boiler dimensions

DrewKo	Unit	12 kW	18 kW	24 kW
A	mm	577	577	642
B	mm	455	455	520
C	mm	1162	1240	1240
D	mm	858	858	858
E	mm	790	790	790
F	mm	1100	1194	1194
H	mm	1206	1284	1284
a	φ	160	160	160
b	Gz	¾"	¾"	¾"
c	Gw	1,5"	1,5"	1,5"
d	Gz	½"	½"	½"

ŽarKo boiler [12-28 kW]

Boiler with manual fuel loading, gasifying hard coal, designed to work with a heat buffer.

The product meets the requirements of the latest **EN 303-5: 2021-09**, obtaining excellent emissivity results in an accredited research laboratory – it has the **ecodesign** and **class 5** certificates!

ŽarKo is the bottom-combustion boiler with a simple structure, facilitating everyday use. A specially designed air supply to the ceramic nozzle, which acts as a combustion chamber, guarantees well-burnt fuel and clean air. The draft regulator is used to regulate the air stream, on which you can easily set the set temperature. Grate cleaning is supported by the installed removable comb system that is started by pressing the foot on the lever attached to the boiler.



The prerequisite for the proper operation of the boiler is to install it with a heat buffer in accordance with the boiler power. The **ŽarKo** boiler can be installed in an open and closed system up to 2 bar with the use of a safety valve.

The boiler can be equipped with:

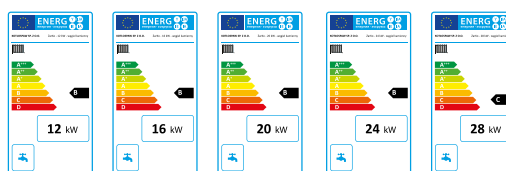
KT-260 controller for manually fed boiler.

It controls operation of: an exhaust fan, central heating pump and domestic hot water pump.

KT-205 extension module for manually fed boilers.

The standard module controls: a mixing valve, mixer pump, buffer tank with top/bottom sensors.

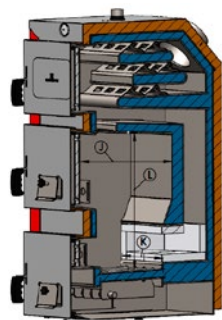
ŽarKo boilers are registered in the European Product Database for Energy Labelling (EPREL).



Technical parameters

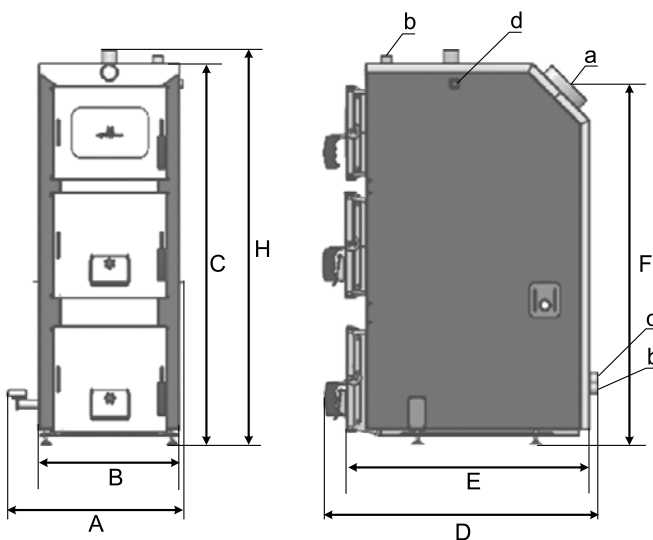
Boiler type		Parameter	ŽarKo 12	ŽarKo 16	ŽarKo 20	ŽarKo 24	ŽarKo 28
Boiler power		kW	12	16	20	24	28
Min. safe capacity of the buffer tank		l	504	672	840	1008	1176
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	do 100	100-160	160-210	210-240	240-280
	Izolacja termiczna 75W/m ²		do 160	160-210	210-260	260-320	320-370
One time fuel charge		kg	22	24	26	29	31
Max. fuel consumption		kg/h	2,14	2,61	3,07	3,79	4,50
Flammability		h	4				
Energy class			B	B	B	B	C
Max. operating temperature		bar	2				
Required chimney draft		Pa	20	20	29	29	29
Supply water temperature min/max.		°C	55/85				
Boiler weight		kg	340	370	370	408	408
Boiler water capacity		l	73	81	81	90	90
Fuel		eco-pea coal	Bituminous coal, pea-type coal. Calorific value 24 MJ/kg. Moisture 12.6%. Ash content 8.5%. Sulphur content 0.4%.				

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.



Dimensions of combustion chamber

ŽarKo	Unit	ŽarKo 12-20 kW	ŽarKo 24-28 kW
J	depth	391	391
K	width	295	360
L	height	556	556



Boiler dimensions

ŽarKo	Unit	12 kW	16 kW	20 kW	24 kW	28 kW
A	mm	577	577	577	642	642
B	mm	455	455	455	520	520
C	mm	1162	1240	1240	1240	1240
D	mm	858	858	858	858	858
E	mm	790	790	790	790	790
F	mm	1100	1194	1194	1194	1194
H	mm	1206	1284	1284	1284	1284
a	σ	160	160	160	160	160
b	Gz	¾"	¾"	¾"	¾"	¾"
c	Gw	1,5"	1,5"	1,5"	1,5"	1,5"
d	Gz	½"	½"	½"	½"	½"

DuoKo eco-pea coal

[15-45 kW]

The **DuoKo** top channel central heating eco-pea coal fired boiler meets all ECODESIGN and **class 5** requirements and therefore it is a reliable, maintenance-free and efficient source of heat for small and large living and business premises.

The boiler is equipped with the retort feeder made by the renown company Pancerpol

In addition to operation of the burner, the boiler automation used makes it possible to operate an extensive, modern heating system in the weather compensation mode using a mixing valve.

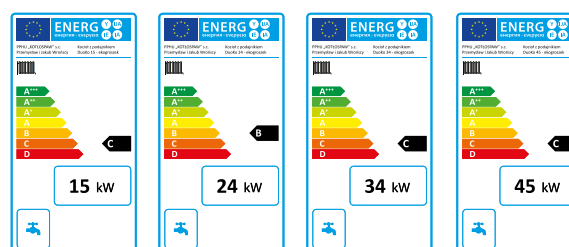
Remote control with a room thermostat (option) enables the user to operate the system, ensuring comfort temperature of the heated rooms.

The design of the heat exchanger has been optimized in order to obtain a very high-quality combustion process. The result of these actions is very high thermal efficiency of the boiler and low emission of pollutants into the atmosphere.

Thanks to the automation of all processes, starting from combustion of solid fuel to automatic switching on and off the blower, the only operating steps necessary to be performed at the **DuoKo** central heating furnace are to remove ash and refill the eco-pea coal hopper.



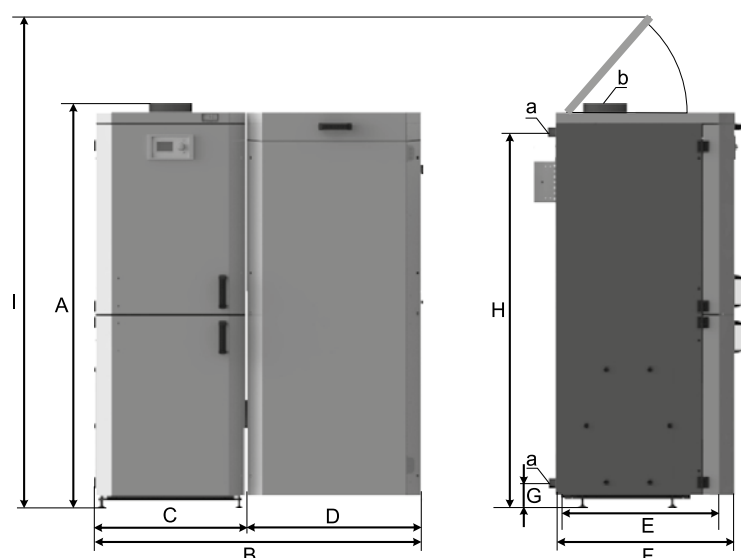
DuoKo eco-pea coal boilers are registered in the European Product Database for Energy Labelling (EPREL).



Technical parameters

Boiler type		Parameter	DuoKo 15	DuoKo 24	DuoKo 34	DuoKo 45
Boiler power		kW	15	24	34	45
Power range		kW	4,5-15	6,5-24	8,5-34	11,5-45
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	0-150	150-240	240-350	350-450
	Thermal insulation 75W/m ²		0-200	200-320	320-460	460-600
Set weight without water		kg	347	347	445	445
Boiler water capacity		l	74	74	103	103
Fuel		eco-pea coal	Bituminous coal 31.2 pea-type coal grain size 5-25 mm. Calorific value 26 MJ/kg			
Eco-pea coal hopper capacity		kg	173	179	192	192
Efficiency		%	90,1	89,1	89,1	91,6
Maximum operating pressure		bar	2			
Maximum temperature of the heating medium		°C	85			
Power supply		[W]	230V/50Hz			
Power consumption [eco-pea coal]		[W]	180			
Connection ports		ø	4 x 1" female thread (supply and return)			

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations. Possibility of installation in a closed system.



Boiler dimensions

DuoKo	Unit	15 kW	24 kW	34 kW	45 kW
A	mm	1459	1459	1459	1459
B	mm	1173	1173	1230	1230
C	mm	508	508	608	608
D	mm	628	628	620	620
E	mm	505	505	597	597
F	mm	616	616	700	700
G	mm	89	89	89	89
H	mm	1354	1354	1354	1354
I	mm	1854	1854	1854	1854
a	Gw	1"	1"	1"	1"
b	mm	160	160	160	160

MAXI KG Boilers

[50-400 kW]

MAXI KG boilers combine **cutting-edge technology** with **durable construction** to deliver superior heating performance. Fully compliant with PN-EN 303-5:2012 and EU safety directives, each unit proudly carries the **CE** quality mark.

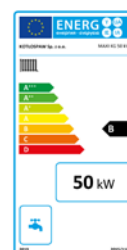
Ideal for **residential homes, commercial spaces, rural farms, and industrial applications**, MAXI KG boilers operate in both **gravity and pumped systems**, offering unmatched **flexibility and reliability**.

Key Features:

- Robust welded body
- High-performance retort coal burner
- Spacious fuel hopper
- Efficient fan and IRYD RTZ controller
- Premium thermal insulation

Designed for **easy maintenance**, requiring only periodic cleaning, these boilers also support **room thermostats, internet modules, and weather sensors** for ultimate convenience and control.

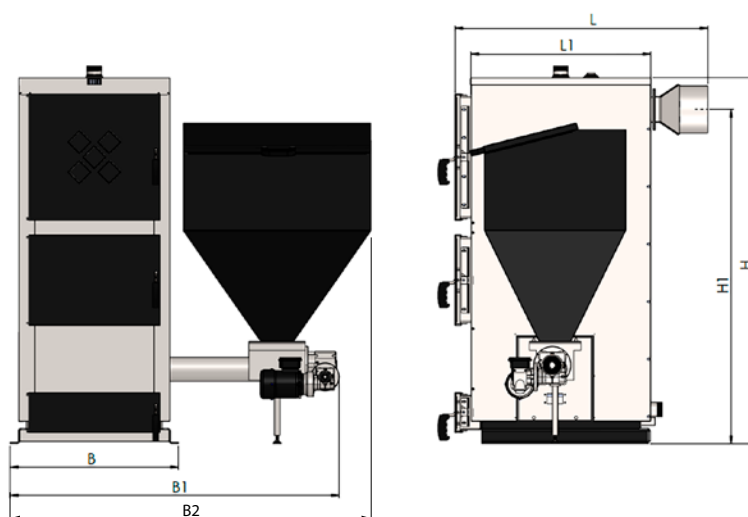
MAXI KG boilers aren't just heating devices—they're a **smart, energy-efficient solutions** that delivers **warmth, comfort, and peace of mind** wherever they are installed.



Technical parameters

Boiler type		Parameter	50	75	100	150	200	400
Nominal power		kW	50	75	100	150	200	400
Power range		kW	15-50	22,5-75	30-100	45-150	60-200	120-400
Approximate area of the heated rooms	Thermal insulation 100W/m ²	m ²	350-500	500-750	750-1000	1000-1500	1500-2000	2000-4000
	Thermal insulation 75W/m ²		450-660	660-1000	1000-1330	1330-2000	2000-2600	2660-5300
Water capacity		l	132	132	345	380	1940	2500
Fuel		eco-pea coal	Bituminous coal, pea-type coal. Calorific value > 28 MJ/kg. Ash content ≤ 11. Moisture content 2-7%. Volatile matter 15-30%. Roga index (RI) < 10. Ash melting temperature 1250°C.					
Max. fuel consumption		kg/h	6,2	9,6	13,1	20,1	29,5	59,8
Chimney draft		Pa	25	25	25	15	45	60
Weight ob the boiler with burner		kg	600	600	1267	1480	2770	3550
Thermal efficiency		%	94,2	92,0	94,0	93,0	94,6	92,6
Operating pressure		bar	2					
Weight of fuel in the hopper		kg	300	300	400	400	450	650
Max. operating temperature		°C	90					
Flue gas outlet		mm	200	200	200	250	300	400x400
Central heating connection ports		mm	G2 zew.2	G2 zew.2	G2 zew.2	G2 zew.2	DN 80	DN 100
Power supply		V/Hz	230/50					
Maximum power consumption		W	100	190	170	240	480	480

The values given in the table are only indicative and do not consider the specificity of the particular site. It is recommended to make appropriate calculations.
Possibility of installation in a closed system.



Boiler dimensions

MAXI KG	j.m.	50 kW	75 kW	100 kW	150 kW	200 kW	400 kW
H	mm	1555	1555	1740	1990	2125	2320
B	mm	720	720	930	1150	1320	1540
B1	mm	1260	1390	1590	2070	2580	3150
B2	mm	1235	1540	1740	2200	2200	2960
L	mm	1080	1080	1350	2080	2490	3220
L1	mm	770	770	1160	1760	2250	2990
H1	mm	1420	1420	1525	1700	1470	1630

Buffer tanks

[300-1500l]

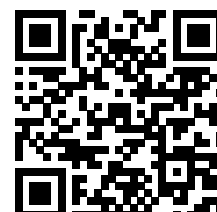
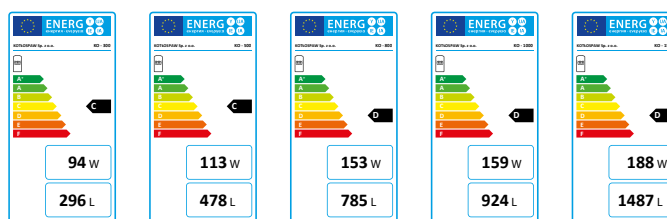
The buffer tank accumulates the heat generated by the boiler. It is recommended for each space heating system. It ensures the optimal operation mode of the biomass boiler, enabling it to operate at nominal power, even if the heating system does not need all the thermal energy produced in this way. The heat generated is collected and stored in the buffer tank and can be used even when the boiler cools down.

ADVANTAGES:

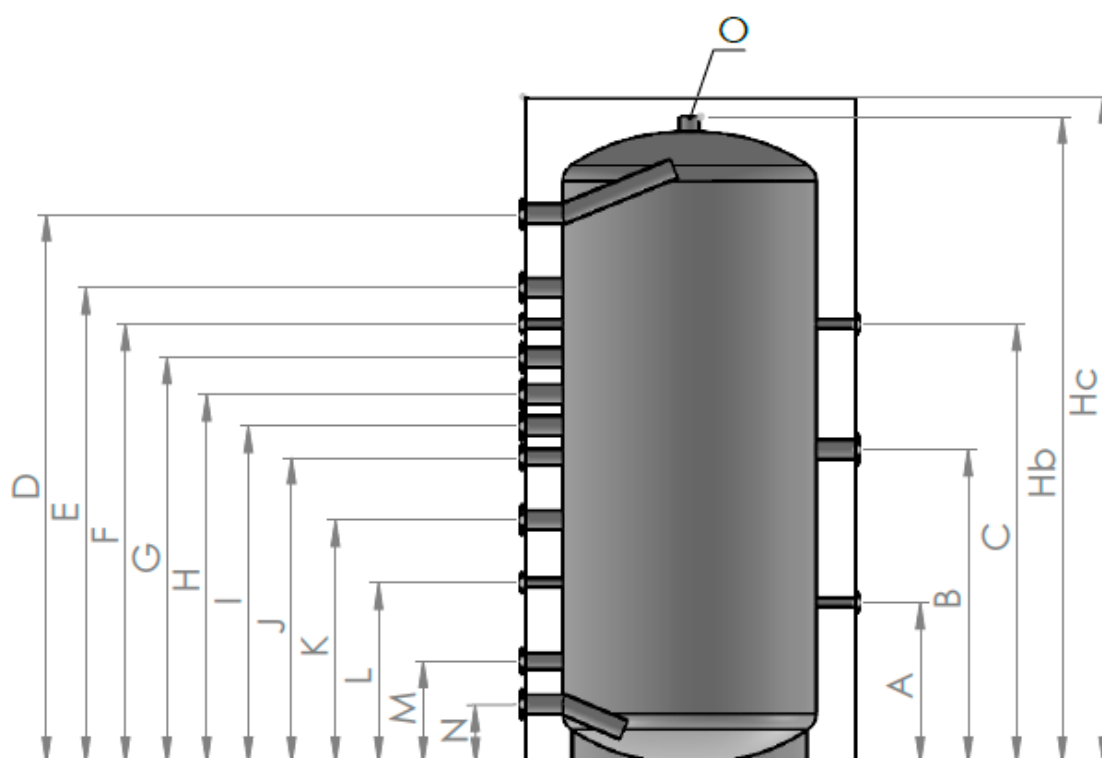
- 100 mm thick removable thermal insulation and external PVC casing in RAL 9006 colour,
- Multi-position installation of a temperature sensor,
- Primed exterior surface,
- All outputs have female threads,
- Inlet/outlet connections are located at an angle of 180 degrees,
- Easy installation,
- Water deflector inside the buffer tank.



The buffer tanks are registered in the European Product Database for Energy Labelling (EPREL).



Buffer tank capacity	Thread type	300 l	500 l	800 l	1000 l	1500 l
Diameter without insulation [mm]	-	550	650	790	790	1000
Diameter with insulation [mm]	-	750	850	990	990	1200
Total height [mm] [Hc]	-	1460	1660	1910	2090	2220
Height without insulation [mm] [Hb]	-	1410	1610	1860	2040	2150
Weight with insulation [kg]	-	70	102	134	151	229
Maximum temperature	95°C					
Maximum pressure	3 bar					
Sensor socket [A]	FTH 1/2"	410	410	570	580	875
Electric heater [B]	FTH 6/4"	760	790	920	1130	1130
Sensor socket [C]	FTH 1/2"	1060	1120	1290	1500	1500
Venting [O]	FTH 6/4"	1410	1610	1860	2040	2150
Supply [D]	FTH 6/4"	1170	1370	1573	1742	1808
Supply [E]	FTH 6/4"	-	-	1390	1520	1635
Sensor socket [F]	FTH 1/2"	1010	1120	1290	1450	1525
Supply [G]	FTH 6/4"	880	990	-	-	1305
Supply [H]	FTH 6/4"	770	880	980	1060	1085
Sensor socket [I]	FTH 1/2"	-	-	-	-	975
Return [J]	FTH 1"	660	770	820	880	895
Return [K]	FTH 6/4"	540	620	670	730	765
Sensor socket [L]	FTH 1/2"	420	460	465	495	520
Return [M]	FTH 1"	260	250	310	310	375
Return [N]	FTH 6/4"	150	150	170	170	235





ecoNET 300

The internet module that enables the user to remotely monitor operation of the boiler and modify operation parameters of the boiler controller through the econet24.com website or an application in the phone. The important advantage for the user is also a clear visualisation of the boiler operation history, its combustion and possible boiler configuration by the Kottospaw factory service.



ecoSTER 90 - touch, wired room panel

The wired (4-wire) room control panel is installed in the selected room and acts as a room thermostat. It is equipped with a color touch screen. It allows to set the room temperature, choose the comfort or economy work mode and set time schedules, thanks to which the house will not be overheated and the boiler itself will work more economically. In addition to the thermostat function, it allows to read and edit all the boiler operating parameters, so it acts as a boiler control panel. The control panel is also visible online when the ecoNET300 internet module is connected.



eSTER x90 - touch, wireless room panel

The wireless room control panel is installed in the selected room and acts as a room thermostat. The control panel is designed to maintain the set temperature in the room by sending a radio signal to the additional ISM module connected to the controller. It is equipped with a color, touch screen and a mains power supply. It allows to select the comfort or economy work mode and set time schedules, thanks to which the house will not be overheated and the boiler itself will work more economically. The use of encrypted and two-way radio transmission allows for free exchange of data between the control panel and the controller, therefore acts as a boiler control panel. The control panel is also visible online when the ecoNET300 internet module is connected.



B/C module of the controller

Extension of the boiler main controller with additional heating circuits: 2 mixer pumps, two actuators and another circulation pump. Any changes and settings are carried out from the level of the boiler main controller. As standard it is equipped with two temperature sensors.



Hydro2 Set

Ready-made solution that combines energy efficiency with easy installation and is designed for boilers with an output from 8 to 50 kW. It includes a built-in check valve, an energy-efficient circulation pump with a detachable plug and venting screw, a capillary tube for a temperature sensor with a gland, two shut-off valves with a magnetic filter, a cross fitting with a drain valve, and a high-flow thermostatic valve operating at 55°C. Thanks to its well-thought-out design, Hydro2 ensures quick and simple installation as well as reliable system operation, and the entire set is covered by a 2-year door-to-door warranty.



KT-260 - controller for manually fed boiler

It controls operation of: a fan, central heating pump and domestic hot water pump. It has a number of useful functions such as: operation in the summer or winter mode, Anti-Stop mode, frost protection, the possibility of automatic boiler shut-off. The controller is equipped with large colour TFT display, thanks to which operation is very simple and intuitive. Moreover the device has the multi-language mode and the possibility of connecting an independent room thermostat. The set includes: central heating sensor, domestic hot water sensor and safety temperature limiter.



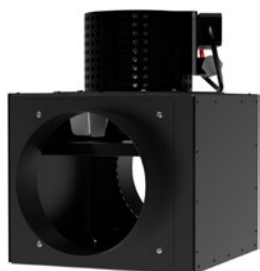
KT-205 - extension module for manually fed boilers

The standard module controls: a mixing valve, mixer pump, buffer tank with top/bottom sensors, the possibility of connecting a room thermostat. The module is automatically detected directly after its connection to the selected devices, and its full configuration is possible from the boiler automation system. In addition, basic operating parameters can be modified both via the Internet and using home panels. An significant advantage of the module is an additional extension port function that allows you to simultaneously connect additional devices operating in the network. The most important advantages of the module: the possibility of connecting two additional heating circuits, the possibility of connecting two independent room thermostats, additional port for connection of equipment.



Exhaust fan - set 1

The exhaust fan can be used as optional equipment for solid fuel boilers with power from 12-30 kW and the boiler output pipe of Ø160. The fan forces the chimney draft in the locations, where it is disturbed or does not meet the minimum parameters. It stabilizes flue gas flow through the boiler and therefore its operation is more economical and combustion is cleaner and more efficient. Set 1 is the fan with a Ø20 flue gas output whose outlet can be adjusted freely on the boiler chimney (up, left or right) and therefore the entire chimney system takes up little space



Exhaust fan - set 3

The exhaust fan (set 3) is a solution that is perfect for pellet and gasification boilers in power range up to 30 kW. The fan has a Ø160 input pipe from the boiler and a Ø160 output pipe. Thanks to that the exhaust fan set 3 is a fully configurable device that can be successfully used even in the case when the boiler is already installed.

The set 3 has not only the mechanical flue gas flow (fan impeller), but also a special baffle, allowing flue gas to escape by gravity into the flue gas duct in case there is a stop caused by a failure.



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